OFFICIAL COPY

Sep 22 2023

Part 2 of 2

INFORMATION SHEET

PRESIDING: Commissioner Duffley, Presiding; Chair Mitchell, and Commissioners Brown-Bland, Clodfelter, Hughes, McKissick, Jr., and Kemerait
PLACE: Raleigh, NC
DATE: Wednesday, August 30, 2023
TIME: 9:30 a.m. to 12:45 p.m.
DOCKET NO.: E-7, Sub 1134 and E-7, Sub 1276
COMPANY: Duke Energy Carolinas, LLC
DESCRIPTION: In the Matter of Duke Energy Carolinas, LLC Application for Approval to Construct a 402 MW Natural Gas-Fired Combustion Turbine Electric Generating Facility in Lincoln County, and for an Application for Adjustment of Rates and Charges Applicable to Electric Service in North Carolina and for Performance-Based Regulation

VOLUME NUMBER: 10

APPEARANCES
See attached

WITNESSES
See attached

EXHIBITS

None attached

REPORTED BY: Joann Bunze
TRANSCRIBED BY: Joann Bunze
DATE FILED: September 7, 2023

TRANSCRIPT PAGES: 160
PREFILED PAGES: 146
TOTAL PAGES: 306

OFFICIAL COPY
Sep 22 2023

PLACE: Dobbs Building, Raleigh, North Carolina DATE: Wednesday, August 30, 2023

TIME: 9:30 a.m. - 12:45 p.m.

DOCKET NO: E-7, Sub 1134 and E-7, Sub 1276

BEFORE: Commissioner Kimberly W. Duffley, Presiding
Chair Charlotte A. Mitchell
Commissioner ToNola D. Brown-Bland Commissioner Daniel G. Clodfelter
Commissioner Jeffrey A. Hughes
Commissioner Floyd B. McKissick, Jr.
Commissioner Karen M. Kemerait

IN THE MATTER OF:

Duke Energy Carolinas, LLC

Application for Approval to Construct a 402 MW Natural Gas-Fired Combustion Turbine Electric Generating Facility in Lincoln County

and

Application For Adjustment of Rates and Charges Applicable to Electric Service in North Carolina and for Performance-Based Regulation

VOLUME 10

OFFICIAL COPY
Sep 22 2023

A P P E A R A N C E S:

FOR DUKE ENERGY CAROLINAS, LLC:

Jack E. Jirak, Esq., Deputy General Counsel
Duke Energy Corporation
410 South Wilmington Street, NCRH 20
Raleigh, North Carolina 27602

Jason A. Higginbotham, Esq.
Associate General Counsel
Duke Energy Corporation
525 South Tryon Street/ECA3
Charlotte, North Carolina 28202

James H. Jeffries, IV, Esq., Partner
McGuireWoods LLP
201 North Tryon Street, Suite 3000
Charlotte, North Carolina 28202

Andrea Kells, Esq.
Kristin M. Athens, Esq.
McGuireWoods LLP
501 Fayetteville Street, Suite 500
Raleigh, North Carolina 27601

OFFICIAL COPY
Sep 22 2023

A P P E A R A N C E S (Cont'd.):

Brandon F. Marzo, Esq., Partner
Melissa Oellerich Butler, Esq., Associate
Joshua Warren Combs, Esq., Associate
Troutman Pepper Hamilton Sanders LLP
600 Peachtree Street Northeast, Suite 3000
Atlanta, Georgia 30308

Kiran H. Mehta, Esq., Partner
Molly McIntosh Jagannathan, Esq., Partner
Melinda L. McGrath, Esq., Partner
Troutman Pepper Hamilton Sanders LLP
301 South College Street, Suite 3400
Charlotte, North Carolina 28202

FOR CAROLINA UTILITY CUSTOMERS ASSOCIATION:
Marcus W. Trathen, Esq.
Matthew Tynan, Esq.
Christopher B. Dodd, Esq.
Brooks Pierce McLendon Humphrey & Leonard, LLP
150 Fayetteville Street, Suite 1700
Raleigh, North Carolina 27601

OFFICIAL COPY
Sep 22 2023

A P P E A R A N C E S (Cont'd.):

FOR CAROLINA INDUSTRIAL GROUP FOR FAIR UTILITY RATES III:

Christina D. Cress, Esq., Partner
Douglas D.C. Conant, Esq., Associate
Bailey & Dixon, LLP
434 Fayetteville Street, Suite 2500
Raleigh, North Carolina 27601

Chris S. Edwards, Esq., Partner
Ward and Smith, P.A.
127 Racine Drive
Wilmington, North Carolina 28403

FOR NORTH CAROLINA SUSTAINABLE ENERGY ASSOCIATION:

Ethan Blumenthal, Esq., Regulatory Counsel
Cassie Gavin, Esq., Director of Policy
4800 Six Forks Road, Suite 300
Raleigh, North Carolina 27609

OFFICIAL COPY
Sep 22 2023

A P P E A R A N C E S (Cont'd.):

HAYWOOD EMC, BLUE RIDGE EMC, PIEDMONT EMC, and RUTHERFORD EMC:

Christina D. Cress, Esq., Partner
Bailey & Dixon, LLP
434 Fayetteville Street, Suite 2500
Raleigh, North Carolina 27601

Chris S. Edwards, Esq., Partner
Ward and Smith, P.A.
127 Racine Drive
Wilmington, North Carolina 28403

FOR NORTH CAROLINA LEAGUE OF MUNICIPALITIES:

Ben Snowden, Esq., Partner
Fox Rothschild LLP
434 Fayetteville Street, Suite 2800
Raleigh, North Carolina 27601

FOR THE COMMERCIAL GROUP:

Alan Jenkins, Esq.
Jenkins at Law, LLC
2950 Yellowtail Avenue
Marathon, Florida 33050

OFFICIAL COPY
Sep 22 2023

A P P E A R A N C E S (Cont'd.):

FOR THE SIERRA CLUB:

Catherine Cralle Jones, Esq.

Andrea Bonvecchio, Esq.

Law Offices of F. Bryan Brice, Jr.

130 South Salisbury Street

Raleigh, North Carolina 27601

FOR NORTH CAROLINA JUSTICE CENTER, NORTH CAROLINA HOUSING COALITION, NATURAL RESOURCES DEFENSE COUNCIL, SOUTHERN ALLIANCE FOR CLEAN ENERGY, AND VOTE SOLAR:

David L. Neal, Esq., Senior Attorney

Munashe Magarira, Esq., Staff Attorney

Thomas Gooding, Esq., Associate Attorney

Southern Environmental Law Center

601 West Rosemary Street, Suite 220

Chapel Hill, North Carolina 27516

FOR NC WARN:

Matthew D. Quinn, Esq., Partner

Lewis & Roberts, PLLC

Post Office Box 17529

Raleigh, North Carolina 27619

OFFICIAL COPY
Sep 22 2023

A P P E A R A N C E S (Cont'd.):

FOR THE KROGER CO. AND HARRIS TEETER, LLC:

Kurt J. Boehm, Esq.

Jody Kyler Cohn, Esq.

Boehm, Kurtz & Lowry

36 East 7th Street, Suite 1510

Cincinnati, Ohio 45202

Ben Royster, Esq.

Royster & Royster, PLLC

851 Marshall Street

Mount Airy, North Carolina 27030

FOR ANDALE, LLC:

Marcus W. Trathen, Esq.

Brooks Pierce McLendon Humphrey & Leonard, LLP

150 Fayetteville Street, Suite 1700

Raleigh, North Carolina 27601

OFFICIAL COPY
Sep 22 2023

A P P E A R A N C E S (Cont'd.)
FOR THE USING AND CONSUMING PUBLIC PURSUANT TO
N.C.G.S. § 62-20 AND ON BEHALF OF THE STATE AND ITS
CITIZENS PURSUANT TO N.C.G.S. § 114-2(8):
Tirrill Moore, Esq., Assistant Attorney General
Derrick C. Mertz, Esq.,
Special Deputy Attorney General
North Carolina Department of Justice
114 West Edenton Street
Raleigh, North Carolina 27603

FOR THE USING AND CONSUMING PUBLIC:
Lucy E. Edmondson, Esq., Chief Counsel
Robert B. Josey, Esq.
Nadia L. Luhr, Esq.
Anne M. Keyworth, Esq.
William S.F. Freeman, Esq.
William E.H. Creech, Esq.
Thomas Felling, Esq.
Public Staff - North Carolina Utilities Commission
4326 Mail Service Center
Raleigh, North Carolina 27699-4300

OFFICIAL COPY
Sep 22 2023

TABLE OF CONTENTS

EXAMINATIONS

JOHN J. SPANOS	PAGE
Continued Cross Examination ..... By Mr. Blumenthal	13
Redirect Examination By Mr. Marzo.....	69
Examination By Commissioner Clodfelter.....	75
PANEL OF MORGAN D. BEVERIDGE AND JONATHAN L. BYRD	**PAGE**
Direct Examination By ..... Ms. McIntosh Jagannathan	81
Prefiled Direct Testimony of ..... Jonathan L. Byrd	84
Prefiled Summary of the Direct Testimony ..... of Jonathan L. Byrd	114
Prefiled Direct Testimony of ..... Morgan D. Beveridge	120
Prefiled Supplemental Direct Testimony of ..... Morgan D. Beveridge	173
Prefiled Settlement Testimony of ..... Morgan D. Beveridge	178
Prefiled Summary of the Testimony of ..... Morgan D. Beveridge	181
Prefiled Joint Rebuttal Testimony of Rate ..... Design Panel	184
Prefiled Joint Settlement Testimony of ..... Rate Design Panel	228
Prefiled Summary of the Rebuttal Testimony .... of the Rate Design Panel	236

Prefiled Summary of the Settlement 237
Testimony of the Rate Design Panel

Cross Examination By Ms. Cress..... 239
(For CIGFUR III)

Cross Examination By Ms. Cress..... 263
(For Haywood EMC, Piedmont EMC,
Blue Ridge EMC, and Rutherford EMC)

Cross Examination By Mr. Trathen..... 271

Cross Examination By Mr. Snowden..... 299

OFFICIAL COPY
Sep 22 2023

OFFICIAL COPY
Sep 22 2023

E X H I B I T S

	IDENTIFIED/ADMITTED
NCSEA Spanos Direct, Supplemental, and Rebuttal Cross Exhibits 1 through 5	-/80
NCSEA Spanos Direct, Supplemental, and Rebuttal Cross Exhibit 6	19/80
NCSEA Spanos Direct, Supplemental, and Rebuttal Cross Exhibit 7	28/80
NCSEA Spanos Direct, Supplemental, and Rebuttal Cross Exhibit 8	46/80
NCSEA Spanos Direct, Supplemental, and Rebuttal Cross Exhibit 9	60/80
NCSEA Spanos Direct, Supplemental, and Rebuttal Cross Exhibit 10	65/80
Spanos Exhibit 1.....	-/79
Spanos Supplemental Exhibit 1.....	-/79
Spanos Rebuttal Exhibit 1.....	-/79
Byrd Exhibits 1 through 7.....	83/-
Beveridge Direct Exhibits 1 through 10, with Revised Exhibit 4	119/-
Beveridge Supplemental Direct Exhibits 1 and 2	119/-
Beveridge Settlement Exhibits 4, 4-1 through 4-3	119/-

Blue Ridge EMC, et al., Byrd Beveridge Direct, Rebuttal, and Settlement Cross Exhibit Number 1 ..... 263/-

CUCA Beveridge Byrd Direct, Rebuttal, and Settlement Cross Exhibit 1 ..... 280/-

CUCA Beveridge Byrd Direct, Rebuttal, and Settlement Cross Exhibit 2 ..... 281/-

OFFICIAL COPY
Sep 22 2023

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8-28-23 DOCKET NO.: E-7, SUB 1276

ATTORNEY NAME and TITLE: JACK E. JIRAK, DEPUTY GENERAL COUNSEL

FIRM NAME: DUKE ENERGY

ADDRESS: 410 S. WILMINGTON ST.

CITY: RALEIGH STATE: NC ZIP CODE: 27602

APPEARANCE ON BEHALF OF: Duke Energy Carolinas, LLC

APPLICANT: X COMPLAINANT: ___ INTERVENOR: ___

PROTESTANT: ___ RESPONDENT: ___ DEFENDANT: ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive **CONFIDENTIAL** transcripts and/or exhibits:

_____ **Yes, I have signed the Confidentiality Agreement.**

Email: JACK.JIRAK@DUKE-ENERGY.COM

SIGNATURE: _____

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 6/21/2022 DOCKET NO.: E-7 Sub 1276

ATTORNEY NAME and TITLE: Jason Higginbotham

Associate General Counsel

FIRM NAME: Duke Energy

ADDRESS:

CITY: STATE: ZIP CODE:

APPEARANCE ON BEHALF OF: Duke Energy Carolinas LLC

APPLICANT: X COMPLAINANT: ___ INTERVENOR: ___

PROTESTANT: ___ RESPONDENT: ___ DEFENDANT: ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

☑ **Yes, I have signed the Confidentiality Agreement.**

Email: jason.higginbotham@duke-energy.com

SIGNATURE:

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8-28-23 DOCKET NO.: E-7 Sub 1276

ATTORNEY NAME and TITLE: JAMES H. JEFFRIES IV, PARTNER

FIRM NAME: MCGUIREWOODS LLP

ADDRESS: 201 N. TRYON STREET, SUITE 3000

CITY: CHARLOTTE STATE: NC ZIP CODE: 28202

APPEARANCE ON BEHALF OF: Duke Energy Carolinas, LLC

APPLICANT: X COMPLAINANT: ___ INTERVENOR: ___

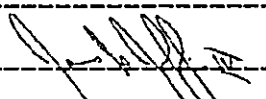
PROTESTANT: ___ RESPONDENT: ___ DEFENDANT: ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: JJEFFRIES@MCGUIREWOODS.COM

SIGNATURE: 

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8/23/2023 **DOCKET NO.:** E-7 Sub 1276

ATTORNEY NAME and TITLE: Andrea R. Kells, Counsel

FIRM NAME: McGuireWoods, LLP

ADDRESS: 501 Fayetteville St. Suite 500

CITY: Raleigh **STATE:** NC **ZIP CODE:** 27601

APPEARANCE ON BEHALF OF: Duke Energy Carolinas, LLC

APPLICANT: X **COMPLAINANT:** ___ **INTERVENOR:** ___

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: akells@mcguirewoods.com

SIGNATURE: Andrea R. Kells Digitally signed by Andrea R. Kells Date: 2023.08.23 09:43:52 -04'00'

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: August 28, 2023 **DOCKET NO.:** E-7 Sub 1276

ATTORNEY NAME and TITLE: Kristin M. Athens, Esquire

FIRM NAME: McGuireWoods LLP

ADDRESS: 501 Fayetteville St. Suite 500

CITY: Raleigh **STATE:** NC **ZIP CODE:**

APPEARANCE ON BEHALF OF: Duke Energy Carolinas, LLC

APPLICANT: x **COMPLAINANT:** ___ **INTERVENOR:** ___

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

x **Yes, I have signed the Confidentiality Agreement.**

Email: kathens@mcguirewoods.com

SIGNATURE: Kristin M. Athens Digitally signed by Kristin M. Athens Date: 2023.08.22 11:24:07 -04'00'

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: August 22, 2023 **DOCKET NO.:** E-7, Sub 1276

ATTORNEY NAME and TITLE: Brandon F. Marzo, Partner

FIRM NAME: Troutman Pepper Hamilton and Sanders LLP

ADDRESS: 600 Peachtree Street NE, Suite 3000

CITY: Atlanta **STATE:** GA **ZIP CODE:** 30308

APPEARANCE ON BEHALF OF: Duke Energy Carolinas, LLC

APPLICANT: X **COMPLAINANT:** ___ **INTERVENOR:** ___

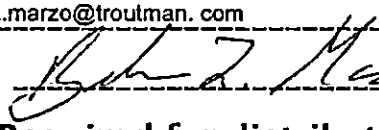
PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive **CONFIDENTIAL** transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: brandon.marzo@troutman. com

SIGNATURE: 

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8/22/23 **DOCKET NO.:** E-7, Sub 1276

ATTORNEY NAME and TITLE: Melissa Oellerich Butler, Associate

FIRM NAME: Troutman Pepper Hamilton Sanders LLP

ADDRESS: 600 Peachtreet St. NE Suite 3000

CITY: Atlanta **STATE:** GA **ZIP CODE:** 30308

APPEARANCE ON BEHALF OF: Duke Energy Carolinas, LLC

APPLICANT: X **COMPLAINANT:** ___ **INTERVENOR:** ___

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: melissa.butler2@duke-energy.com

SIGNATURE: Melissa Oellerich Butler Digitally signed by Melissa Oellerich Butler Date: 2023.08.22 09:57:11 -04'00'

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8/22/23 **DOCKET NO.:** E-7, Sub 1276

ATTORNEY NAME and TITLE: Joshua Warren Combs, Associate Attorney

FIRM NAME: Troutman Pepper Hamilton Sanders LLP

ADDRESS: 600 Peachtree Street, NE, Suite 3000

CITY: ~~Atlanta~~ **STATE:** GA **ZIP CODE:** 30308

APPEARANCE ON BEHALF OF: Duke Energy Carolinas, LLC

APPLICANT: X **COMPLAINANT:** ___ **INTERVENOR:** ___

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: Josh.Combs@troutman.com

SIGNATURE: _____

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8/22/2023 DOCKET NO.: E-7, Sub 1276

ATTORNEY NAME and TITLE: Kiran H. Mehta, Partner

FIRM NAME: Troutman Pepper Hamilton Sanders LLP

ADDRESS: 301 S. College St., Suite 3400

CITY: Charlotte STATE: NC ZIP CODE: 28202

APPEARANCE ON BEHALF OF: Duke Energy Carolinas, LLC

APPLICANT: X COMPLAINANT: ___ INTERVENOR: ___

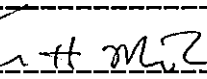
PROTESTANT: ___ RESPONDENT: ___ DEFENDANT: ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: kiran.mehta@troutman.com

SIGNATURE: 

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: August 22, 2023 **DOCKET NO.:** Docket No. E-7, Sub 1276

ATTORNEY NAME and TITLE: Molly McIntosh Jagannathan, Partner

FIRM NAME: Troutman Pepper Hamilton Sanders LLP

ADDRESS: 301 South College Street, Suite 3400

CITY: Charlotte **STATE:** NC **ZIP CODE:** 28202

APPEARANCE ON BEHALF OF: Duke Energy Carolinas, LLC

APPLICANT: X **COMPLAINANT:** ___ **INTERVENOR:** ___

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: molly.jagannathan@troutman.com

SIGNATURE: Molly M. Jagannathan

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: August 23, 2023 **DOCKET NO.:** E-7, SUB 1276

ATTORNEY NAME and TITLE: MELINDA L. MCGRATH, PARTNER

FIRM NAME: TROUTMAN PEPPER HAMILTON SANDERS LLP

ADDRESS: 301 S. COLLEGE STREET; 34TH FLOOR

CITY: CHARLOTTE **STATE:** NC **ZIP CODE:** 28202

APPEARANCE ON BEHALF OF: DUKE ENERGY CAROLINAS, LLC

APPLICANT: XX **COMPLAINANT:** ___ **INTERVENOR:** ___

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive **CONFIDENTIAL** transcripts and/or exhibits:

XX **Yes, I have signed the Confidentiality Agreement.**

Email: Mindy.McGrath@troutman.com

SIGNATURE: MMcGrath

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8-28-23 **DOCKET NO.:** E-7, Sub 1276

ATTORNEY NAME and TITLE: Marcus W. Trathen

FIRM NAME: Brooks Pierce McLendon Humphrey & Leonard, LLP

ADDRESS: 1700 Wells Fargo Capitol Center, 150 Fayetteville St.

CITY: Raleigh **STATE:** NC **ZIP CODE:** 27601

APPEARANCE ON BEHALF OF: CUCA

APPLICANT: ___ **COMPLAINANT:** ___ **INTERVENOR:** X

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab and select Docket Search, enter the docket number and click search, select the highlighted docket number and select Documents for a list of all documents filed.

To receive an electronic **CONFIDENTIAL** transcript, please complete the following:

☒ **Yes, I have signed the Confidentiality Agreement.**

Email: mtrathen@brookspierce.com

SIGNATURE: /s/ Marcus Trathen

(Required for distribution of CONFIDENTIAL transcript)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8/23/2023 **DOCKET NO.:** E-7 Sub 1276

ATTORNEY NAME and TITLE: Matthew B. Tynan

FIRM NAME: Brooks Pierce LLP

ADDRESS: P.O. Box 26000

CITY: Greensboro **STATE:** NC **ZIP CODE:** 27420

APPEARANCE ON BEHALF OF: Carolina Utility Customers Association

APPLICANT: ___ **COMPLAINANT:** ___ **INTERVENOR:** x

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive **CONFIDENTIAL** transcripts and/or exhibits:

__x__ **Yes, I have signed the Confidentiality Agreement.**

Email: mtynan@brookspierce.com

SIGNATURE: Matthew B Tynan

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8-28-23 **DOCKET NO.:** E-7, Sub 1276

ATTORNEY NAME and TITLE: Christopher B. Dodd

FIRM NAME: Brooks Pierce McLendon Humphrey & Leonard, LLP

ADDRESS: 115 N. 3rd St #301

CITY: Wilmington **STATE:** NC **ZIP CODE:** 28401

APPEARANCE ON BEHALF OF: CUCA

APPLICANT: ___ **COMPLAINANT:** ___ **INTERVENOR:** X

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: cdodd@brookspierce.com

SIGNATURE: /s/ Christopher Dodd

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: August 22, 2023 **DOCKET NO.:** E-7, Sub 1276; E-7, Sub 1134

ATTORNEY NAME and TITLE: Christina Cress, Partner; Douglas "D.C." Conant, Associate (Bailey & Dixon, LLP)

Chris S. Edwards, Partner (Ward & Smith, LLP)

FIRM NAME: Bailey & Dixon, LLP (CDC & DC); Ward & Smith, LLP (CSE)

ADDRESS: 434 Fayetteville St., Ste. 2500 (Bailey & Dixon); 127 Racine Drive (Ward & Smith)

CITY: Raleigh (B&D); Wilmington (W&S) **STATE:** NC **ZIP CODE:** 27601 (B&D); 28403 (W&S)

APPEARANCE ON BEHALF OF: CIGFUR III, Haywood EMC, Blue Ridge EMC, Piedmont EMC, and Rutherford EMC

APPLICANT: ___ **COMPLAINANT:** ___ **INTERVENOR:** X

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: ccress@bdixon.com

SIGNATURE: Christina D. Cress Digitally signed by Christina D. Cress Date: 2023.08.22 13:33:10 -04'00'

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8/28/23 **DOCKET NO.:** E-7 Sub 1276

ATTORNEY NAME and TITLE: Ethan Blumenthal, Regulatory Counsel

FIRM NAME: North Carolina Sustainable Energy Association

ADDRESS: 4800 Six Forks Rd., Suite 300

CITY: Raleigh **STATE:** NC **ZIP CODE:** 27609

APPEARANCE ON BEHALF OF: North Carolina Sustainable Energy Association

APPLICANT: ___ **COMPLAINANT:** ___ **INTERVENOR:** X

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

_____ **Yes, I have signed the Confidentiality Agreement.**

Email: ethan@energync.org

SIGNATURE: Ethan Blumenthal Digitally signed by Ethan Blumenthal Date: 2023.08.21 21:17:22 -04'00'

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8-28-23 **DOCKET NO.:** E-7, Sub 1276

ATTORNEY NAME and TITLE: Cassie Gavin, Director of Policy

FIRM NAME: NCSEA

ADDRESS: 4800 Six Forks Rd, Suite 300

CITY: Raleigh **STATE:** NC **ZIP CODE:** 27609

APPEARANCE ON BEHALF OF: NCSEA

APPLICANT: ___ **COMPLAINANT:** ___ **INTERVENOR:** X

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive **CONFIDENTIAL** transcripts and/or exhibits:

☐ **Yes, I have signed the Confidentiality Agreement.**

Email: cassie@energync.org

SIGNATURE: /s/ by KTM: Cassie Gavin

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8/28/23 DOCKET NO.: E-7, Sub 1276

ATTORNEY NAME and TITLE: Ben Snowden, Partner

FIRM NAME: Fox Rothschild LLP

ADDRESS: 434 Fayetteville St., Suite 2800

CITY: Raleigh STATE: NC ZIP CODE: 27601

APPEARANCE ON BEHALF OF: North Carolina League of Municipalities

APPLICANT: ___ COMPLAINANT: ___ INTERVENOR: x

PROTESTANT: ___ RESPONDENT: ___ DEFENDANT: ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

x **Yes, I have signed the Confidentiality Agreement.**

Email: bsnowden@foxrothschild.com

SIGNATURE: BSnowden Digitally signed by BSnowden Date: 2023.04.27 16:52:04 -04'00'

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8/25/2023 **DOCKET NO.:** E-7 Sub 1276

ATTORNEY NAME and TITLE:

Alan Jenkins

FIRM NAME: Jenkins at Law, LLC

ADDRESS: 2950 Yellowtail Ave

CITY: Marathon **STATE:** FL **ZIP CODE:** 33050

APPEARANCE ON BEHALF OF: The Commercial Group

APPLICANT: ___ **COMPLAINANT:** ___ **INTERVENOR:** x

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

_____ **Yes, I have signed the Confidentiality Agreement.**

Email: aj@jenkinsatlaw.com

SIGNATURE:

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: August 22, 2023 DOCKET NO.: E-7, SUb 1276

ATTORNEY NAME and TITLE: Catherine Cralle Jones

FIRM NAME: Law Offices of F. Bryan Brice, Jr.

ADDRESS: 130 S. Salisbury Street

CITY: Raleigh STATE: NC ZIP CODE: 27601

APPEARANCE ON BEHALF OF: Sierra Club

APPLICANT: ___ COMPLAINANT: ___ INTERVENOR: X

PROTESTANT: ___ RESPONDENT: ___ DEFENDANT: ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: cathy@attybryanbrice.com

SIGNATURE: Catherine Cralle Jones

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: August 22, 2023 DOCKET NO.: E-7, Sub 1276

ATTORNEY NAME and TITLE: Andrea C. Bonvecchio

FIRM NAME: Law Offices of F. Bryan Brice, Jr.

ADDRESS: 130 S. Salisbury Street

CITY: Raleigh STATE: NC ZIP CODE: 27601

APPEARANCE ON BEHALF OF: Sierra Club

APPLICANT: ___ COMPLAINANT: ___ INTERVENOR: X

PROTESTANT: ___ RESPONDENT: ___ DEFENDANT: ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: andrea@attybryanbrice.com

SIGNATURE:

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: August 28, 2023 DOCKET NO.: E-7, Sub 1276

ATTORNEY NAME and TITLE: David L. Neal, Senior Attorney

FIRM NAME: Southern Environmental Law Center

ADDRESS: 601 West Rosemary Street, Suite 220

CITY: Chapel Hill STATE: North Carolina ZIP CODE: 27516

APPEARANCE ON BEHALF OF: North Carolina Justice Center, North Carolina Housing Coalition, Southern Alliance for Clean Energy, Natural Resources Defense Council, and Vote Solar (NCJC, et al.)

APPLICANT: ___ COMPLAINANT: ___ INTERVENOR: X

PROTESTANT: ___ RESPONDENT: ___ DEFENDANT: ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: dneal@selcnc.org

SIGNATURE: 2023.08.23 12:33:09 -04'00'

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 08/28/2023 **DOCKET NO.:** E-7, Sub 1276

ATTORNEY NAME and TITLE: Munaashe Magarira, Staff Attorney

FIRM NAME: Southern Environmental Law Center

ADDRESS: 601 W Rosemary Street, Suite 220

CITY: Chapel Hill **STATE:** NC **ZIP CODE:** 27516

APPEARANCE ON BEHALF OF: North Carolina Justice Center, North Carolina Housing Coalition, Natural Resources Defense Council, Southern Alliance for Clean Energy, and Vote Solar

APPLICANT: ___ **COMPLAINANT:** ___ **INTERVENOR:** x

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

x **Yes, I have signed the Confidentiality Agreement.**

Email: mmagarira@selcnc.org

SIGNATURE: Digitally signed by Munaashe Magarira Date: 2023.08.22 09:28:18 -04'00'

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 05/04/2023 **DOCKET NO.:** E-2 Sub 1300

ATTORNEY NAME and TITLE: Thomas Gooding, Associate Attorney

FIRM NAME: Southern Environmental Law Center

ADDRESS: 601 W. Rosemary Street, Suite 220

CITY: Chapel Hill **STATE:** NC **ZIP CODE:** 27516

APPEARANCE ON BEHALF OF: North Carolina Justice Center, North Carolina Housing Coalition, Natural Resources Defense Council, Southern Alliance for Clean Energy, and Vote Solar

APPLICANT: ___ **COMPLAINANT:** ___ **INTERVENOR:** X

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: tgooding@selcnc.org

SIGNATURE: Thomas Gooding Digitally signed by Thomas Gooding Date: 2023.04.29 12:46:36 -04'00'

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 08/22/2023 DOCKET NO.: E-7, Sub 1276

ATTORNEY NAME and TITLE: Matthew D. Quinn, Partner

FIRM NAME: Lewis & Roberts, PLLC

ADDRESS: P. O. Box 17529

CITY: Raleigh STATE: NC ZIP CODE: 27619

APPEARANCE ON BEHALF OF: NC WARN

APPLICANT: ___ COMPLAINANT: ___ INTERVENOR: X

PROTESTANT: ___ RESPONDENT: ___ DEFENDANT: ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

_____ **Yes, I have signed the Confidentiality Agreement.**

Email: _____

SIGNATURE: _____

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8-28-2023 DOCKET NO.: E-7 Sub 1276

ATTORNEY NAME and TITLE: Kurt Boehm

FIRM NAME: Boehm, Kurtz & Lowry

ADDRESS: 36 East Seventh Street, Suite 1510

CITY: Cincinnati STATE: Ohio ZIP CODE: 45202

APPEARANCE ON BEHALF OF: Kroger Co. and Harris Teeter

APPLICANT: ___ COMPLAINANT: ___ INTERVENOR: X

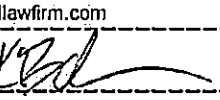
PROTESTANT: ___ RESPONDENT: ___ DEFENDANT: ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: kboehm@bkllawfirm.com

SIGNATURE: 

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: August 25, 2023 DOCKET NO.: E-7 Sub 1276

ATTORNEY NAME and TITLE: Jody Kyler Cohn, Esq.

FIRM NAME: Boehm, Kurtz & Lowry

ADDRESS: 36 East 7th Street, Suite 1510

CITY: Cincinnati STATE: Ohio ZIP CODE: 45202

APPEARANCE ON BEHALF OF: The Kroger Company

APPLICANT: ___ COMPLAINANT: ___ INTERVENOR: X

PROTESTANT: ___ RESPONDENT: ___ DEFENDANT: ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

_____ **Yes, I have signed the Confidentiality Agreement.**

Email: _____

SIGNATURE: _____

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 08/25/2023 **DOCKET NO.:** E-2 Sub1300

ATTORNEY NAME and TITLE: Benjamin M. Royster, Attorney

FIRM NAME: Royster & Royster PLLC

ADDRESS: 851 Marshall St.

CITY: Mt. Airy **STATE:** NC **ZIP CODE:** 27030

APPEARANCE ON BEHALF OF: Kroger Co. and Harris Teeter

APPLICANT: ___ **COMPLAINANT:** ___ **INTERVENOR:** x

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

_____ **Yes, I have signed the Confidentiality Agreement.**

Email: _____

SIGNATURE: _____

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8-28-23 **DOCKET NO.:** E-7, Sub 1276

ATTORNEY NAME and TITLE: Marcus W. Trathen

FIRM NAME: Brooks Pierce McLendon Humphrey & Leonard, LLP

ADDRESS: 1700 Wells Fargo Capitol Center, 150 Fayetteville St.

CITY: Raleigh **STATE:** NC **ZIP CODE:** 27601

APPEARANCE ON BEHALF OF: Andale, LLC

APPLICANT: ___ **COMPLAINANT:** ___ **INTERVENOR:** X

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab and select Docket Search, enter the docket number and click search, select the highlighted docket number and select Documents for a list of all documents filed.

To receive an electronic **CONFIDENTIAL** transcript, please complete the following:

☒ **Yes, I have signed the Confidentiality Agreement.**

Email: mtrathen@brookspierce.com

SIGNATURE: /s/ Marcus Trathen

(Required for distribution of CONFIDENTIAL transcript)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 8/28/2023 **DOCKET NO.:** E-7, Sub 1276

ATTORNEY NAME and TITLE: Tirrill Moore

Assistant Attorney General

FIRM NAME: North Carolina Attorney General's Office

ADDRESS: 114 West Edenton Street

CITY: Raleigh **STATE:** NC **ZIP CODE:** 27602

APPEARANCE ON BEHALF OF: The using and consuming public; the State and its citizens

APPLICANT: ___ **COMPLAINANT:** ___ **INTERVENOR:** X

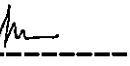
PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: temoore@ncdoj.gov

SIGNATURE: 

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: August 28, 2023 **DOCKET NO.:** E-7, Sub 1276

ATTORNEY NAME and TITLE: Derrick C. Mertz, Special Deputy Attorney General;

FIRM NAME: North Carolina Department of Justice

ADDRESS: 114 W. Edenton Steet

CITY: Raleigh **STATE:** NC **ZIP CODE:** 27603

APPEARANCE ON BEHALF OF: The using and consuming public pursuant to N.C.G.S. sec. 62-20, and on behalf of the State of North Carolina and its citizens pursuant to N.C.G.S. sec. 114-2(8)

APPLICANT: ___ **COMPLAINANT:** ___ **INTERVENOR:** X

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

Non-confidential transcripts are located on the Commission's website. To view and/or print transcripts, go to https://www.ncuc.net/, hover over the Dockets tab, select Docket Search, enter the docket number, and click search, select the highlighted docket number and select Documents for a list of all documents filed.

ONLY fill out this portion if you have signed an NDA to receive CONFIDENTIAL transcripts and/or exhibits:

X **Yes, I have signed the Confidentiality Agreement.**

Email: dmertz@ncdoj.gov

SIGNATURE: Derrick Mertz Digitally signed by Derrick Mertz Date: 2023.08.23 15:26:03 -04'00'

(Signature Required for distribution of CONFIDENTIAL information)

NORTH CAROLINA UTILITIES COMMISSION
PUBLIC STAFF - APPEARANCE SLIP

DATE August 28, 2023 DOCKET #: E-7, Sub 1276

PUBLIC STAFF ATTORNEY Lucy E. Edmondson; Robert B. Josey; Nadia L. Luhr; Thomas J. Felling; William E. H. Creech; William S.F. Freeman; Anne M. Keyworth

TO REQUEST A **CONFIDENTIAL** TRANSCRIPT, PLEASE PROVIDE YOUR EMAIL ADDRESS BELOW:

ACCOUNTING

CONSUMER SERVICES

COMMUNICATIONS

ENERGY

ECONOMICS

LEGAL lucy.edmondson@psncuc.nc.gov; robert.josey@psncuc.nc.gov; nadia.luhr@psncuc.nc.gov; thomas.felling@psncuc.nc.gov; zeke.creech@psncuc.nc.gov; william.freeman@psncuc.nc.gov; anne.keyworth@psncuc.nc.gov

TRANSPORTATION

WATER

Non-confidential transcripts are located on the Commission's website. To view and/or print, please access https://www.ncuc.net/.

COUNSEL/MEMBER(s) REQUESTING A **CONFIDENTIAL** TRANSCRIPT WHO HAS SIGNED A CONFIDENTIALITY AGREEMENT WILL NEED TO SIGN BELOW.

/s/ Lucy E. Edmondson

/s/ Robert B. Josey

/s/ Nadia L. Luhr

/s/ Thomas J. Felling

/s/ William E. H. Creech

/s/ William Freeman /s/ Anne M. Keyworth

OFFICIAL COPY
Sep 22 2023

2021 DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION
ACCRUALS RELATED TO ELECTRIC PLANT
AS OF DECEMBER 31, 2021

Prepared by:

GANNETT FLEMING

Excellence Delivered As Promised

OFFICIAL COPY

Sep 22 2023

DUKE ENERGY CAROLINAS

Charlotte, North Carolina

2021 DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Harrisburg, Pennsylvania

OFFICIAL COPY
Sep 22 2023

Gannett Fleming
Valuation and Rate Consultants, LLC

Corporate Headquarters
207 Senate Avenue
Camp Hill, PA 17011
P 717.763.7211 | **F** 717.763.8150

gannettfleming.com

September 13, 2022

Duke Energy Carolinas
400 S. Tryon Street
Charlotte, NC 28202

Attention: David L. Doss, Jr.
Director, Asset Accounting

Ladies and Gentlemen:

Pursuant to your request, we have conducted a depreciation study related to the electric plant of Duke Energy Carolinas as of December 31, 2021. The attached report presents a description of the methods used in the estimation of depreciation, the summary of annual depreciation accrual rates, the statistical support for the life and net salvage estimates and the detailed tabulations of annual depreciation.

Respectfully submitted,

GANNETT FLEMING VALUATION
AND RATE CONSULTANTS, LLC

John J. Spanos

JOHN J. SPANOS
President

JJS:jmr

071070.000

OFFICIAL COPY
Sep 22 2023

TABLE OF CONTENTS

EXECUTIVE SUMMARY iii

PART I. INTRODUCTION I-1
Scope I-2
Plan of Report I-2
Basis of the Study I-3
Depreciation I-3
Service Life and Net Salvage Estimates I-4

PART II. ESTIMATION OF SURVIVOR CURVES II-1
Survivor Curves II-2
Iowa Type Curves II-3
Retirement Rate Method of Analysis II-9
Schedules of Annual Transactions in Plant Records II-10
Schedule of Plant Exposed to Retirement II-13
Original Life Table II-15
Smoothing the Original Survivor Curve II-17

PART III. SERVICE LIFE CONSIDERATIONS III-1
Field Trips III-2
Service Life Analysis III-4
Life Span Estimates III-7

PART IV. NET SALVAGE CONSIDERATIONS IV-1
Net Salvage Analysis IV-2
Net Salvage Considerations IV-2

PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION V-1
Group Depreciation Procedures V-2
Single Unit of Property V-2
Remaining Life Annual Accruals V-3
Average Service Life Procedure V-3
Calculation of Annual and Accrued Amortization V-4

PART VI. RESULTS OF STUDY VI-1
Qualification of Results VI-2
Description of Statistical Support VI-2
Description of Depreciation Tabulations VI-3

OFFICIAL COPY
Sep 22 2023

TABLE OF CONTENTS, cont.

Table 1. Summary of Estimated Survivor Curve, Net Salvage Percent, Original Cost, Book Depreciation Reserve and Calculated Annual Depreciation Accruals Related to Electric Plant as of December 31, 2021 ..... VI-4

PART VII. SERVICE LIFE STATISTICS VII-1

PART VIII. NET SALVAGE STATISTICS VIII-1
Table 1. Calculation of Terminal and Interim Retirements as a Percent of Total Retirements VIII-2
Table 2. Calculation of Weighted Net Salvage Percent VIII-3
Table 3. Calculation of Terminal Net Salvage Percent VIII-4

PART IX. DETAILED DEPRECIATION CALCULATIONS IX-1

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

DEPRECIATION STUDY

EXECUTIVE SUMMARY

Pursuant to Duke Energy Carolinas' ("DEC" or "Company") request, Gannett Fleming Valuation and Rate Consultants, LLC ("Gannett Fleming") conducted a depreciation study related to the electric plant as of December 31, 2021. The purpose of this study was to determine the annual depreciation accrual rates and amounts for book and ratemaking purposes.

The depreciation rates are based on the straight line method using the average service life ("ASL") procedure and were applied on a remaining life basis. The calculations were based on attained ages and estimated average service life and forecasted net salvage characteristics for each depreciable group of assets.

The depreciation study results in an overall increase in depreciation expense. This is primarily related to production plant accounts as there have been large capital additions and changes to life expectancies. There is an increase in transmission and distribution accounts due primarily to slightly shorter service lives and some increased net salvage. There is an overall decrease in depreciation expense for general plant accounts.

Gannett Fleming recommends the calculated annual depreciation accrual rates set forth herein apply specifically to electric plant in service as of December 31, 2021 as summarized by Table 1 of the study. Supporting analysis and calculations are provided within the study.

OFFICIAL COPY

Sep 22 2023

The study results set forth an annual depreciation expense of $1.447 billion when applied to depreciable plant balances as of December 31, 2021. The results are summarized at the functional level as follows:

SUMMARY OF ORIGINAL COST, ACCRUAL RATES AND AMOUNTS

FUNCTION	ORIGINAL COST AS OF DECEMBER 31, 2021	PROPOSED RATE	PROPOSED EXPENSE
Steam Production Plant	$8,554,672,949.04	6.24	$533,432,955
Nuclear Production Plant	9,130,612,833.21	2.21	202,087,899
Hydraulic Production Plant	2,508,338,880.87	2.31	57,821,777
Other Production Plant	3,393,027,734.44	3.63	123,027,119
Transmission Plant	4,768,540,556.63	2.43	115,845,696
Distribution Plant	14,397,276,812.07	2.44	351,764,448
General Plant	1,361,576,219.54	5.31	72,301,569
Land Rights	200,607,727.12	0.97	1,944,823
General Plant Reserve Amortization	-	-	(11,071,465)
Total Depreciable Plant	**$44,314,653,712.92**	**3.27**	**$1,447,154,821**

OFFICIAL COPY

Sep 22 2023

PART I. INTRODUCTION

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
DEPRECIATION STUDY

PART I. INTRODUCTION

SCOPE

This report sets forth the results of the depreciation study for Duke Energy Carolinas ("Company"), as applied to specific electric plant in service as of December 31, 2021. The rates and amounts are based on the straight line remaining life method of depreciation. This report also describes the concepts, methods and judgments which underlie the recommended annual depreciation accrual rates related to current electric plant in service.

The service life and net salvage estimates resulting from the study were based on informed judgment which incorporated analyses of historical plant retirement data as recorded through 2021; the net salvage analyses of historical plant retirement data recorded through 2021; a review of Company practice and outlook as they relate to plant operation and retirement; and consideration of current practice in the electric industry, including knowledge of service lives and net salvage estimates used for other electric companies.

PLAN OF REPORT

Part I, Introduction, contains statements with respect to the plan of the report, and the basis of the study. Part II, Estimation of Survivor Curves, presents descriptions of the considerations and the methods used in the service life study. Part III, Service Life Considerations, presents the factors and judgment utilized in the average service life analysis. Part IV, Net Salvage Considerations, presents the judgment utilized for the net salvage study. Part V, Calculation of Annual and Accrued Depreciation, describes the procedures used in the calculation of group depreciation. Part VI, Results of Study,

OFFICIAL COPY
Sep 22 2023

presents a summary by depreciable group of annual depreciation accrual rates and amounts, as well as composite remaining lives. Part VII, Service Life Statistics presents the statistical analysis of service life estimates, Part VIII, Net Salvage Statistics sets forth the statistical indications of net salvage percents, and Part IX, Detailed Depreciation Calculations presents the detailed tabulations of annual depreciation.

BASIS OF THE STUDY

Depreciation

Depreciation, in public utility regulation, is the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of utility plant in the course of service from causes which are known to be in current operation and against which the utility is not protected by insurance. Among causes to be given consideration are wear and tear, deterioration, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand, and the requirements of public authorities.

Depreciation, as used in accounting, is a method of distributing fixed capital costs, less net salvage, over a period of time by allocating annual amounts to expense. Each annual amount of such depreciation expense is part of that year's total cost of providing electric utility service. Normally, the period of time over which the fixed capital cost is allocated to the cost of service is equal to the period of time over which an item renders service, that is, the item's service life. The most prevalent method of allocation is to distribute an equal amount of cost to each year of service life. This method is known as the straight line method of depreciation.

For all accounts, the annual depreciation was calculated by the straight line method using the average service life procedure and the remaining life basis. The calculated remaining lives and annual depreciation accrual rates were based on

OFFICIAL COPY
Sep 22 2023

attained ages of plant in service and the estimated service life and net salvage characteristics of each depreciable group. Amortization accounting or vintage pooling is proposed for most general plant accounts.

The straight line method, average service life procedure is a commonly used depreciation calculation procedure that has been widely accepted in jurisdictions throughout North America. Gannett Fleming recommends its continued use.

Service Life and Net Salvage Estimates

The service life and net salvage estimates used in the depreciation calculations were based on informed judgment which incorporated a review of management's plans, policies and outlook, a general knowledge of the electric utility industry, and comparisons of the service life and net salvage estimates from our studies of other electric utilities. The use of survivor curves to reflect the expected dispersion of retirement provides a consistent method of estimating depreciation for utility property. Iowa type survivor curves were used to depict the estimated survivor curves for the plant accounts. For steam, nuclear, hydraulic and other production plants, the life span technique was used. In this technique, the date of final retirement was estimated for each unit, and the estimated survivor curves applied to each vintage were truncated at ages coinciding with the date of final retirement.

The procedure for estimating service lives consisted of compiling historical data for the plant accounts or depreciable groups, analyzing this history through the use of widely accepted techniques, and forecasting the survivor characteristics for each depreciable group on the basis of interpretations of the historical data analyses and the probable future. The combination of the historical experience and the estimated future yielded estimated survivor curves from which the average service lives were derived.

OFFICIAL COPY
Sep 22 2023

The estimates of net salvage by account incorporated a review of experienced costs of removal and gross salvage related to plant retirements, and consideration of trends exhibited by the historical data. Each component of net salvage, i.e., cost of removal and gross salvage, was stated in dollars and as a percent of retirement.

An understanding of the function of the plant and information with respect to the reasons for past retirements and the expected causes of future retirements was obtained through discussions with operating and management personnel. The supplemental information obtained in this manner was considered in the interpretation and extrapolation of the statistical analyses.

OFFICIAL COPY

Sep 22 2023

PART II. ESTIMATION OF SURVIVOR CURVES

OFFICIAL COPY
Sep 22 2023

PART II. ESTIMATION OF SURVIVOR CURVES

The calculation of annual depreciation based on the straight line method requires the estimation of survivor curves and the selection of group depreciation procedures. The estimation of survivor curves is discussed below and the development of net salvage is discussed in later sections of this report.

SURVIVOR CURVES

The use of an average service life for a property group implies that the various units in the group have different lives. Thus, the average life may be obtained by determining the separate lives of each of the units or by constructing a survivor curve by plotting the number of units which survive at successive ages.

The survivor curve graphically depicts the amount of property existing at each age throughout the life of an original group. From the survivor curve, the average life of the group, the remaining life expectancy, the probable life, and the frequency curve can be calculated. In Figure 1, a typical smooth survivor curve and the derived curves are illustrated. The average life is obtained by calculating the area under the survivor curve, from age zero to the maximum age, and dividing this area by the ordinate at age zero. The remaining life expectancy at any age can be calculated by obtaining the area under the curve, from the observation age to the maximum age, and dividing this area by the percent surviving at the observation age. For example, in Figure 1, the remaining life at age 30 is equal to the crosshatched area under the survivor curve divided by 29.5 percent surviving at age 30. The probable life at any age is developed by adding the age and remaining life. If the probable life of the property is calculated for each year of age, the probable life curve shown in the chart can be developed. The frequency curve presents the number of units retired in each age interval. It is derived by obtaining the differences between the amount of property surviving at the beginning and at the end of each interval.

OFFICIAL COPY
Sep 22 2023

This study has incorporated the use of Iowa curves developed from a retirement rate analysis of historical retirement history. A discussion of the concepts of survivor curves and of the development of survivor curves using the retirement rate method is presented below.

Iowa Type Curves

The range of survivor characteristics usually experienced by utility and industrial properties is encompassed by a system of generalized survivor curves known as the Iowa type curves. There are four families in the Iowa system, labeled in accordance with the location of the modes of the retirements (or the portion of the frequency curve with the highest level of retirements) in relationship to the average life and the relative height of the modes. The left moded curves, presented in Figure 2, are those in which the greatest frequency of retirement occurs to the left of, or prior to, average service life. The symmetrical moded curves, presented in Figure 3, are those in which the greatest frequency of retirement occurs at average service life. The right moded curves, presented in Figure 4, are those in which the greatest frequency occurs to the right of, or after, average service life. The origin moded curves, presented in Figure 5, are those in which the greatest frequency of retirement occurs at the origin, or immediately after age zero. The letter designation of each family of curves (L, S, R or O) represents the location of the mode of the associated frequency curve with respect to the average service life. The numbers represent the relative heights of the modes of the frequency curves within each family. A higher number designates a higher mode curve.

The Iowa curves were developed at the Iowa State College Engineering Experiment Station through an extensive process of observation and classification of the ages at which industrial property had been retired. A report of the study which resulted in the classification of property survivor characteristics into 18 type curves, which constitute three of the four families, was published in 1935 in the form of the Experiment Station's Bulletin 125.

OFFICIAL COPY
Sep 22 2023

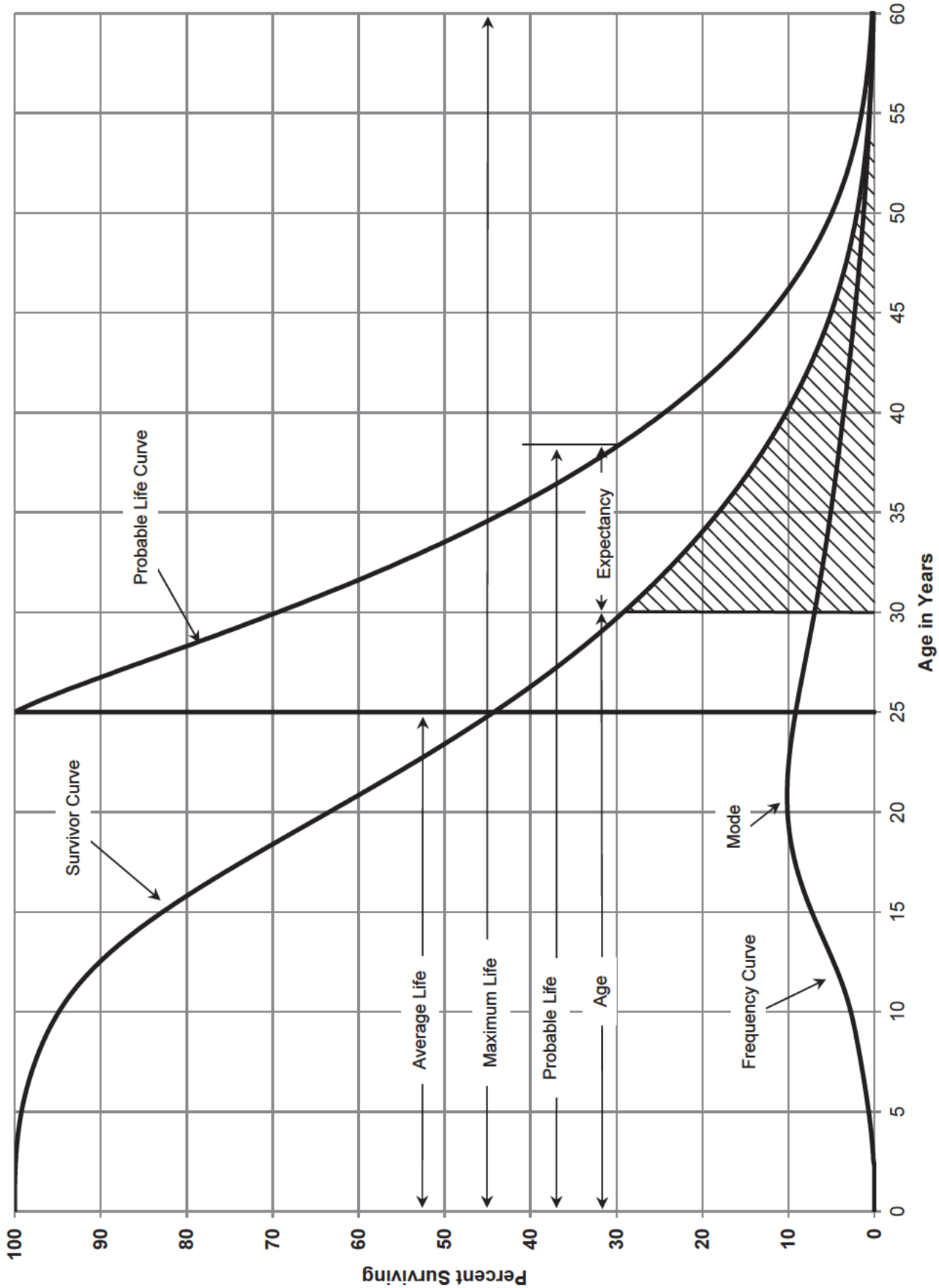


FIGURE 1. TYPICAL SURVIVOR CURVE AND DERIVED CURVES

OFFICIAL COPY
Sep 22 2023

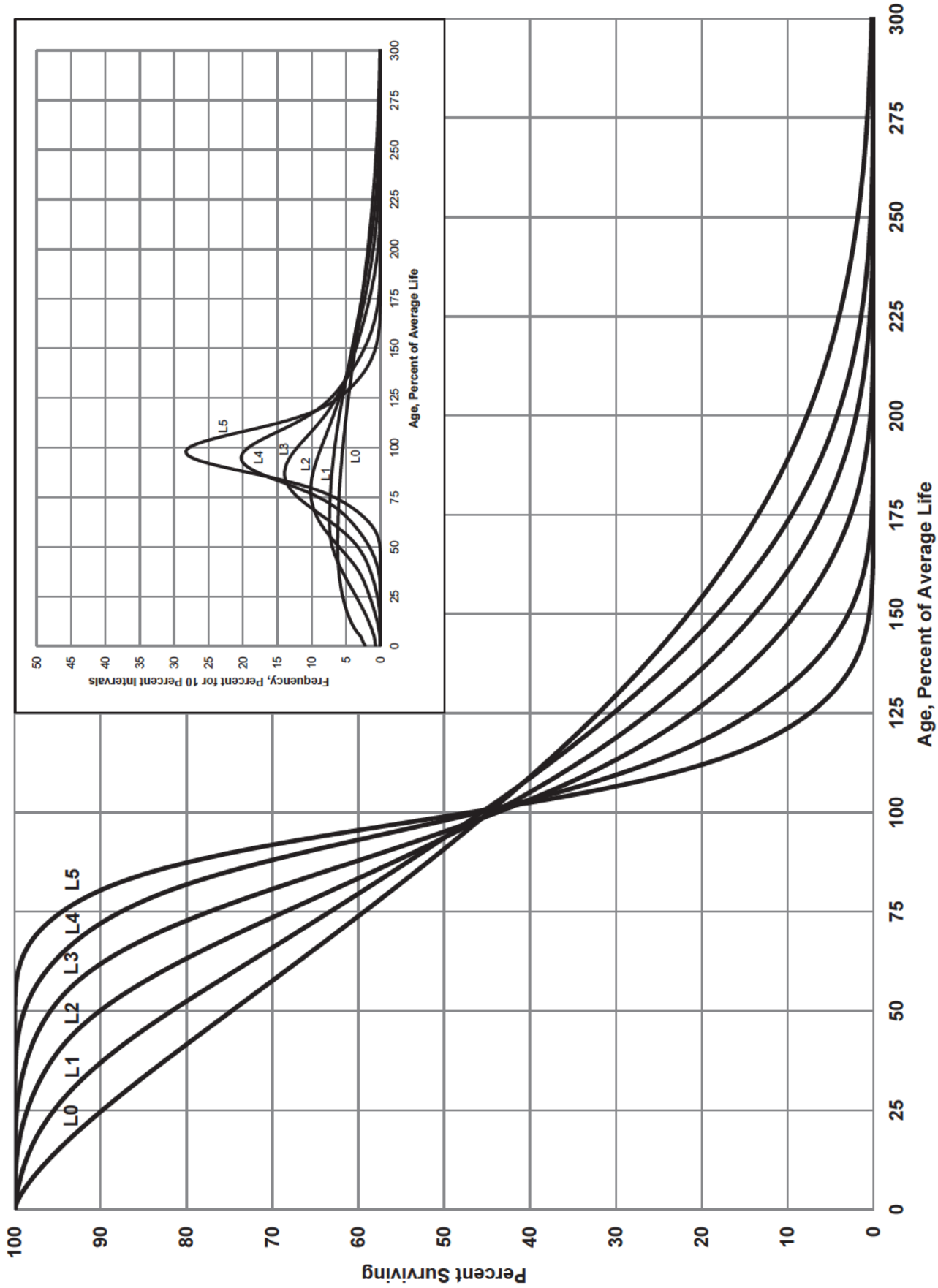


FIGURE 2. LEFT MODAL OR "L" IOWA TYPE SURVIVOR CURVES

OFFICIAL COPY
Sep 22 2023

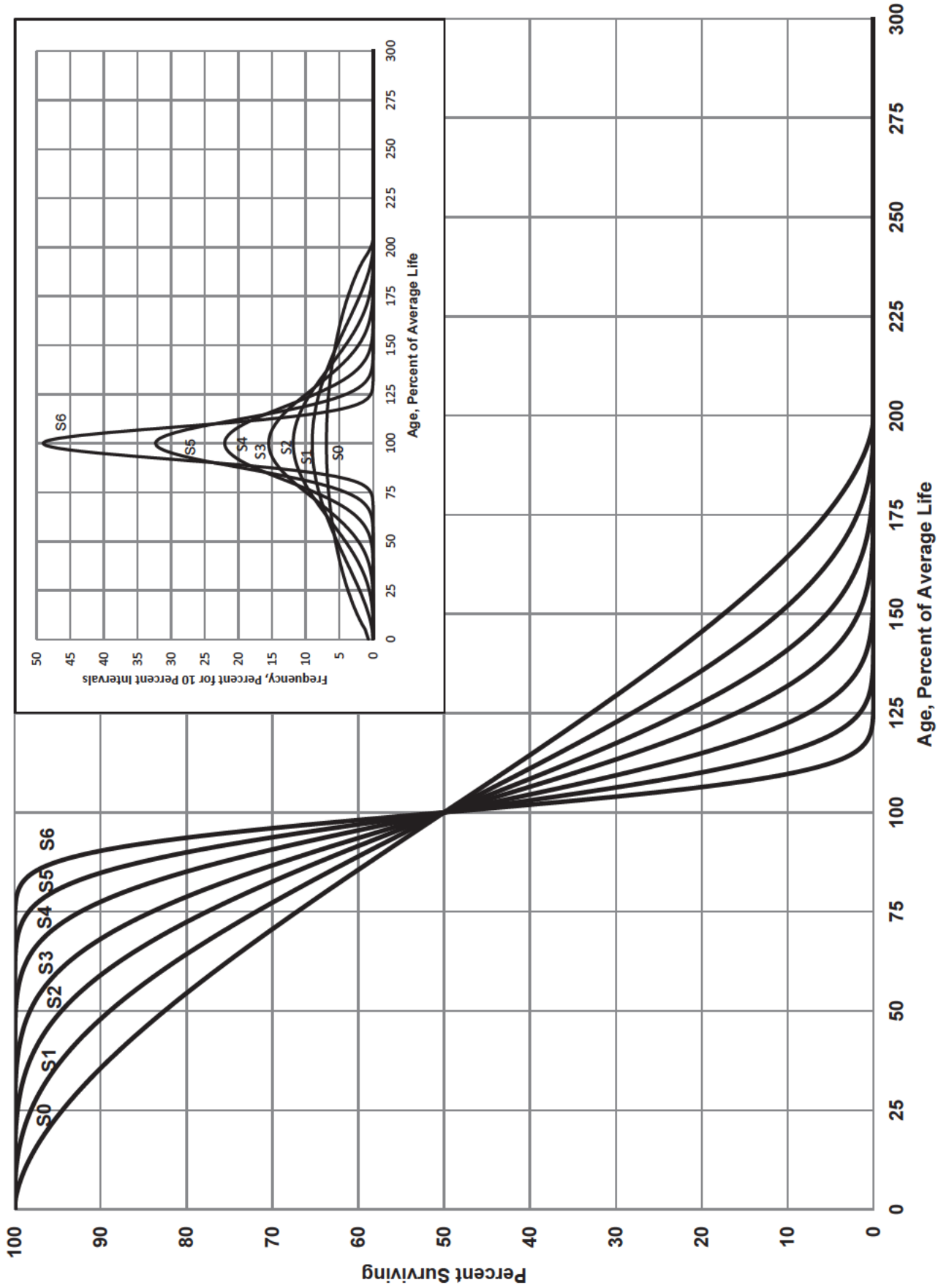


FIGURE 3. SYMMETRICAL OR "S" IOWA TYPE SURVIVOR CURVES

OFFICIAL COPY
Sep 22 2023

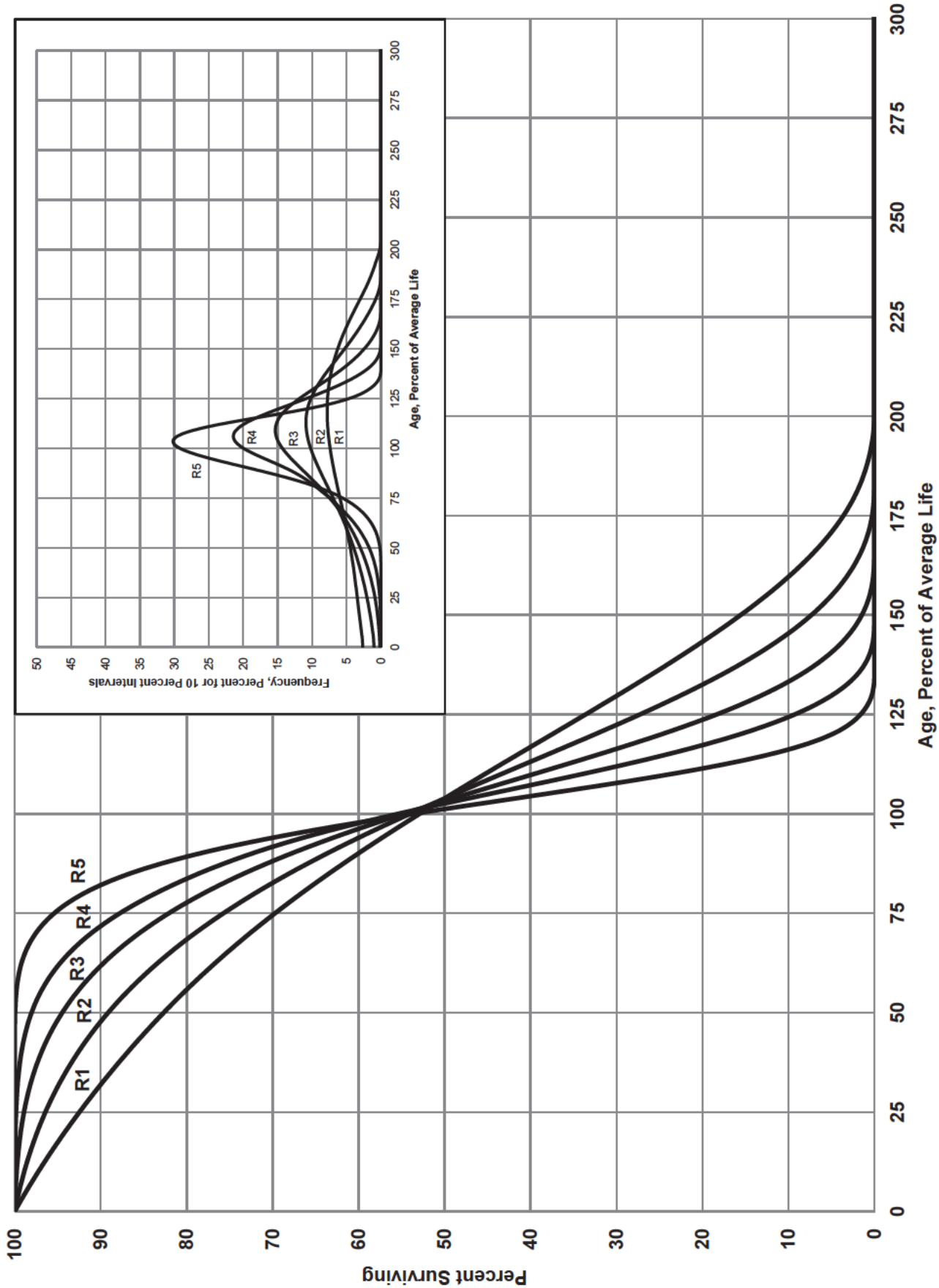


FIGURE 4. RIGHT MODAL OR "R" IOWA TYPE SURVIVOR CURVES

OFFICIAL COPY
Sep 22 2023

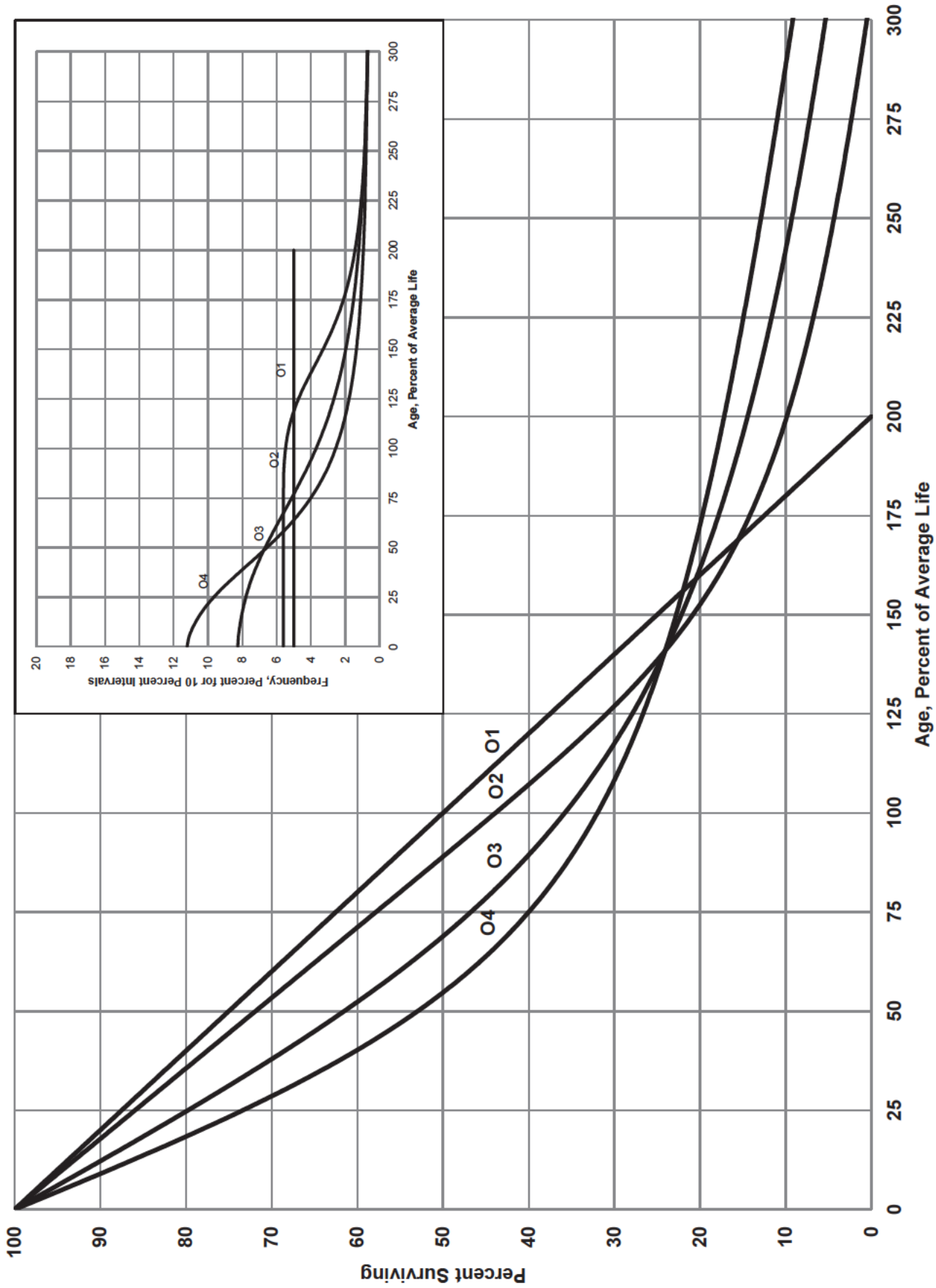


FIGURE 5. ORIGIN MODAL OR "O" IOWA TYPE SURVIVOR CURVES

OFFICIAL COPY
Sep 22 2023

These curve types have also been presented in subsequent Experiment Station bulletins and in the text, "Engineering Valuation and Depreciation."[1] In 1957, Frank V. B. Couch, Jr., an Iowa State College graduate student, submitted a thesis presenting his development of the fourth family consisting of the four O type survivor curves.

Retirement Rate Method of Analysis

The retirement rate method is an actuarial method of deriving survivor curves using the average rates at which property of each age group is retired. The method relates to property groups for which aged accounting experience is available and is the method used to develop the original stub survivor curves in this study. The method (also known as the annual rate method) is illustrated through the use of an example in the following text and is also explained in several publications including "Statistical Analyses of Industrial Property Retirements,"[2] "Engineering Valuation and Depreciation,"[3] and "Depreciation Systems."[4]

The average rate of retirement used in the calculation of the percent surviving for the survivor curve (life table) requires two sets of data: first, the property retired during a period of observation, identified by the property's age at retirement; and second, the property exposed to retirement at the beginning of the age intervals during the same period. The period of observation is referred to as the experience band. The band of years which represent the installation dates of the property exposed to retirement during the experience band is referred to as the placement band. An example of the calculations used in the development of a life table follows. The example includes schedules of annual aged property transactions, a schedule of plant exposed to retirement, a life table and illustrations of smoothing the stub survivor curve.

---

[1]Marston, Anson, Robley Winfrey and Jean C. Hempstead. Engineering Valuation and Depreciation, 2nd Edition. New York, McGraw-Hill Book Company. 1953.

[2]Winfrey, Robley, Statistical Analyses of Industrial Property Retirements. Iowa State College, Engineering Experiment Station, Bulletin 125. 1935.

[3]Marston, Anson, Robley Winfrey, and Jean C. Hempstead, Supra Note 1.

[4]Wolf, Frank K. and W. Chester Fitch. Depreciation Systems. Iowa State University Press. 1994.

OFFICIAL COPY
Sep 22 2023

Schedules of Annual Transactions in Plant Records

The property group used to illustrate the retirement rate method is observed for the experience band 2012-2021 for which there were placements during the years 2007-2021. In order to illustrate the summation of the aged data by age interval, the data were compiled in the manner presented in Schedules 1 and 2 on pages II-11 and II-12. In Schedule 1, the year of installation (year placed) and the year of retirement are shown. The age interval during which a retirement occurred is determined from this information. In the example which follows, $10,000 of the dollars invested in 2007 were retired in 2012. The $10,000 retirement occurred during the age interval between 4½ and 5½ years on the basis that approximately one-half of the amount of property was installed prior to and subsequent to July 1 of each year. That is, on the average, property installed during a year is placed in service at the midpoint of the year for the purpose of the analysis. All retirements also are stated as occurring at the midpoint of a one-year age interval of time, except the first age interval which encompasses only one-half year.

The total retirements occurring in each age interval in a band are determined by summing the amounts for each transaction year-installation year combination for that age interval. For example, the total of $143,000 retired for age interval 4½-5½ is the sum of the retirements entered on Schedule 1 immediately above the stair step line drawn on the table beginning with the 2012 retirements of 2007 installations and ending with the 2021 retirements of the 2016 installations. Thus, the total amount of 143 for age interval 4½-5½ equals the sum of:

10 + 12 + 13 + 11 + 13 + 13 + 15 + 17 + 19 + 20.

SCHEDULE 1. RETIREMENTS FOR EACH YEAR 2012-2021
SUMMARIZED BY AGE INTERVAL

Experience Band 2012-2021 Placement Band 2007-2021

Year Placed	Retirements, Thousands of Dollars During Year										Total During Age Interval	Age Interval
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2007	10	11	12	13	14	16	23	24	25	26	26	13½-14½
2008	11	12	13	15	16	18	20	21	22	19	44	12½-13½
2009	11	12	13	14	16	17	19	21	22	18	64	11½-12½
2010	8	9	10	11	11	13	14	15	16	17	83	10½-11½
2011	9	10	11	12	13	14	16	17	19	20	93	9½-10½
2012	4	9	10	11	12	13	14	15	16	20	105	8½-9½
2013		5	11	12	13	14	15	16	18	20	113	7½-8½
2014			6	12	13	15	16	17	19	19	124	6½-7½
2015				6	13	15	16	17	19	19	131	5½-6½
2016					7	14	16	17	19	20	143	4½-5½
2017						8	18	20	22	23	146	3½-4½
2018							9	20	22	25	150	2½-3½
2019								11	23	25	151	1½-2½
2020									11	24	153	½-1½
2021										13	80	0-½
Total	53	68	86	106	128	157	196	231	273	308	1,606	

Sep 22 2023 OFFICIAL COPY

SCHEDULE 2. OTHER TRANSACTIONS FOR EACH YEAR 2012-2021
SUMMARIZED BY AGE INTERVAL

Experience Band 2012-2021 Placement Band 2007-2021

Year Placed	Acquisitions, Transfers and Sales, Thousands of Dollars During Year										Total During Age Interval	Age Interval
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2007	-	-	-	-	-	-	60[a]	-	-	-	-	13½-14½
2008	-	-	-	-	-	-	-	-	-	-	-	12½-13½
2009	-	-	-	-	-	-	-	-	-	-	-	11½-12½
2010	-	-	-	-	-	-	-	(5)[b]	-	-	60	10½-11½
2011	-	-	-	-	-	-	-	6[a]	-	-	-	9½-10½
2012	-	-	-	-	-	-	-	-	-	-	(5)	8½-9½
2013		-	-	-	-	-	-	-	-	-	6	7½-8½
2014			-	-	-	-	-	-	-	-	-	6½-7½
2015				-	-	-	-	(12)[b]	-	-	-	5½-6½
2016					-	-	-	-	22[a]	-	-	4½-5½
2017						-	-	(19)[b]	-	-	10	3½-4½
2018							-	-	-	-	-	2½-3½
2019								-	-	(102)[c]	(121)	1½-2½
2020									-	-	-	½-1½
2021											-	0-½
Total	-	-	-	-	-	-	60	(30)	22	(102)	(50)	

[a] Transfer Affecting Exposures at Beginning of Year
[b] Transfer Affecting Exposures at End of Year
[c] Sale with Continued Use
Parentheses Denote Credit Amount.

Spanos Exh bit 1
Docket No. E-7, Sub 1276
Page 24 of 64
Sep 22 2023
OFFICIAL COPY

OFFICIAL COPY
Sep 22 2023

In Schedule 2, other transactions which affect the group are recorded in a similar manner. The entries illustrated include transfers and sales. The entries which are credits to the plant account are shown in parentheses. The items recorded on this schedule are not totaled with the retirements, but are used in developing the exposures at the beginning of each age interval.

Schedule of Plant Exposed to Retirement

The development of the amount of plant exposed to retirement at the beginning of each age interval is illustrated in Schedule 3 on page II-14. The surviving plant at the beginning of each year from 2012 through 2021 is recorded by year in the portion of the table headed "Annual Survivors at the Beginning of the Year." The last amount entered in each column is the amount of new plant added to the group during the year. The amounts entered in Schedule 3 for each successive year following the beginning balance or addition are obtained by adding or subtracting the net entries shown on Schedules 1 and 2. For the purpose of determining the plant exposed to retirement, transfers-in are considered as being exposed to retirement in this group at the beginning of the year in which they occurred, and the sales and transfers-out are considered to be removed from the plant exposed to retirement at the beginning of the following year. Thus, the amounts of plant shown at the beginning of each year are the amounts of plant from each placement year considered to be exposed to retirement at the beginning of each successive transaction year. For example, the exposures for the installation year 2017 are calculated in the following manner:

Exposures at age 0	= amount of addition	= $750,000
Exposures at age ½	= $750,000 - $ 8,000	= $742,000
Exposures at age 1½	= $742,000 - $18,000	= $724,000
Exposures at age 2½	= $724,000 - $20,000 - $19,000	= $685,000
Exposures at age 3½	= $685,000 - $22,000	= $663,000

SCHEDULE 3. PLANT EXPOSED TO RETIREMENT
JANUARY 1 OF EACH YEAR 2012-2021
SUMMARIZED BY AGE INTERVAL

Experience Band 2012-2021

Placement Band 2007-2021

Year Placed	Exposures, Thousands of Dollars — Annual Survivors at the Beginning of the Year										Total at Beginning of Age Interval	Age Interval
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2007	255	245	234	222	209	195	239	216	192	167	167	13½-14½
2008	279	268	256	243	228	212	194	174	153	131	323	12½-13½
2009	307	296	284	271	257	241	224	205	184	162	531	11½-12½
2010	338	330	321	311	300	289	276	262	242	226	823	10½-11½
2011	376	367	357	346	334	321	307	297	280	261	1,097	9½-10½
2012	420[a]	416	407	397	386	374	361	347	332	316	1,503	8½-9½
2013		460[a]	455	444	432	419	405	390	374	356	1,952	7½-8½
2014			510[a]	504	492	479	464	448	431	412	2,463	6½-7½
2015				580[a]	574	561	546	530	501	482	3,057	5½-6½
2016					660[a]	653	639	623	628	609	3,789	4½-5½
2017						750[a]	742	724	685	663	4,332	3½-4½
2018							850[a]	841	821	799	4,955	2½-3½
2019								960[a]	949	926	5,719	1½-2½
2020									1,080[a]	1,069	6,579	½-1½
2021										1,220[a]	7,490	0-½
Total	1,975	2,382	2,824	3,318	3,872	4,494	5,247	6,017	6,852	7,799	44,780	

[a]Additions during the year

Spanos Exhibit 1
Docket No. E-7, Sub 1276
Page 26 of 64

Sep 22 2023 OFFICIAL COPY

OFFICIAL COPY
Sep 22 2023

For the entire experience band 2012-2021, the total exposures at the beginning of an age interval are obtained by summing diagonally in a manner similar to the summing of the retirements during an age interval (Schedule 1). For example, the figure of 3,789, shown as the total exposures at the beginning of age interval 4½-5½, is obtained by summing:

255 + 268 + 284 + 311 + 334 + 374 + 405 + 448 + 501 + 609.

Original Life Table

The original life table, illustrated in Schedule 4 on page II-16, is developed from the totals shown on the schedules of retirements and exposures, Schedules 1 and 3, respectively. The exposures at the beginning of the age interval are obtained from the corresponding age interval of the exposure schedule, and the retirements during the age interval are obtained from the corresponding age interval of the retirement schedule. The retirement ratio is the result of dividing the retirements during the age interval by the exposures at the beginning of the age interval. The percent surviving at the beginning of each age interval is derived from survivor ratios, each of which equals one minus the retirement ratio. The percent surviving is developed by starting with 100% at age zero and successively multiplying the percent surviving at the beginning of each interval by the survivor ratio, i.e., one minus the retirement ratio for that age interval. The calculations necessary to determine the percent surviving at age 5½ are as follows:

Percent surviving at age 4½	=	88.15				
Exposures at age 4½	=	3,789,000				
Retirements from age 4½ to 5½	=	143,000				
Retirement Ratio	=	143,000	÷	3,789,000	=	0.0377
Survivor Ratio	=	1.000	-	0.0377	=	0.9623
Percent surviving at age 5½	=	(88.15)	x	(0.9623)	=	84.83

The totals of the exposures and retirements (columns 2 and 3) are shown for the purpose of checking with the respective totals in Schedules 1 and 3. The ratio of the total retirements to the total exposures, other than for each age interval, is meaningless.

OFFICIAL COPY
Sep 22 2023

SCHEDULE 4. ORIGINAL LIFE TABLE
CALCULATED BY THE RETIREMENT RATE METHOD

Experience Band 2012-2021 Placement Band 2007-2021

(Exposure and Retirement Amounts are in Thousands of Dollars)

Age at Beginning of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Age Interval
(1)	(2)	(3)	(4)	(5)	(6)
0.0	7,490	80	0.0107	0.9893	100.00
0.5	6,579	153	0.0233	0.9767	98.93
1.5	5,719	151	0.0264	0.9736	96.62
2.5	4,955	150	0.0303	0.9697	94.07
3.5	4,332	146	0.0337	0.9663	91.22
4.5	3,789	143	0.0377	0.9623	88.15
5.5	3,057	131	0.0429	0.9571	84.83
6.5	2,463	124	0.0503	0.9497	81.19
7.5	1,952	113	0.0579	0.9421	77.11
8.5	1,503	105	0.0699	0.9301	72.65
9.5	1,097	93	0.0848	0.9152	67.57
10.5	823	83	0.1009	0.8991	61.84
11.5	531	64	0.1205	0.8795	55.60
12.5	323	44	0.1362	0.8638	48.90
13.5	167	26	0.1557	0.8443	42.24
					35.66
Total	44,780	1,606			

Column 2 from Schedule 3, Column 12, Plant Exposed to Retirement.
Column 3 from Schedule 1, Column 12, Retirements for Each Year.
Column 4 = Column 3 Divided by Column 2.
Column 5 = 1.0000 Minus Column 4.
Column 6 = Column 5 Multiplied by Column 6 as of the Preceding Age Interval.

OFFICIAL COPY

Sep 22 2023

The original survivor curve is plotted from the original life table (column 6, Schedule 4). When the curve terminates at a percent surviving greater than zero, it is called a stub survivor curve. Survivor curves developed from retirement rate studies generally are stub curves.

Smoothing the Original Survivor Curve

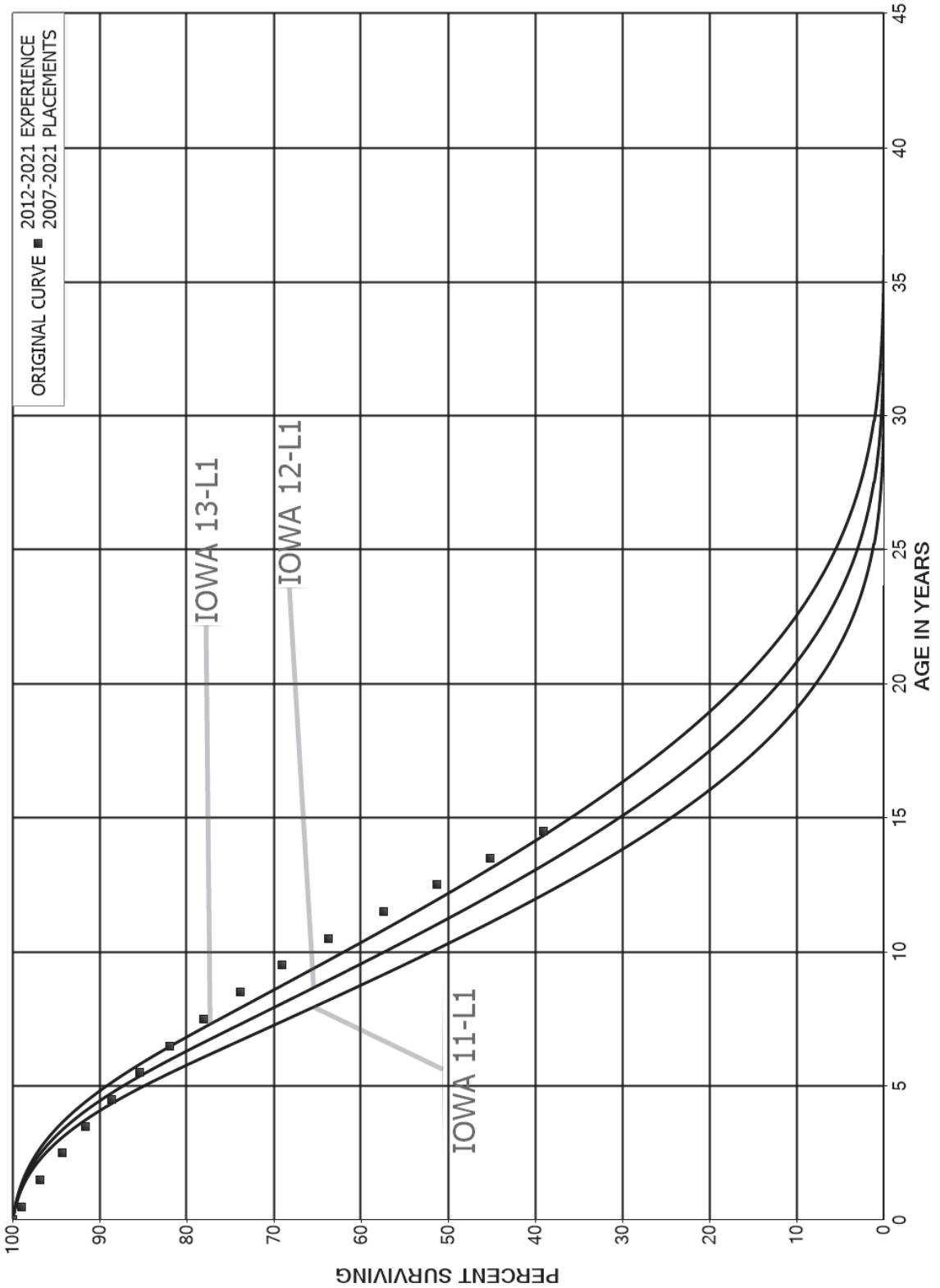
The smoothing of the original survivor curve eliminates any irregularities and serves as the basis for the preliminary extrapolation to zero percent surviving of the original stub curve. Even if the original survivor curve is complete from 100% to zero percent, it is desirable to eliminate any irregularities, as there is still an extrapolation for the vintages which have not yet lived to the age at which the curve reaches zero percent. In this study, the smoothing of the original curve with established type curves was used to eliminate irregularities in the original curve.

The Iowa type curves are used in this study to smooth those original stub curves which are expressed as percents surviving at ages in years. Each original survivor curve was compared to the Iowa curves using visual and mathematical matching in order to determine the better fitting smooth curves. In Figures 6, 7, and 8, the original curve developed in Schedule 4 is compared with the L, S, and R Iowa type curves which most nearly fit the original survivor curve. In Figure 6, the L1 curve with an average life between 12 and 13 years appears to be the best fit. In Figure 7, the S0 type curve with a 12-year average life appears to be the best fit and appears to be better than the L1 fitting. In Figure 8, the R1 type curve with a 12-year average life appears to be the best fit and appears to be better than either the L1 or the S0.

In Figure 9, the three fittings, 12-L1, 12-S0 and 12-R1 are drawn for comparison purposes. It is probable that the 12-R1 Iowa curve would be selected as the most representative of the plotted survivor characteristics of the group.

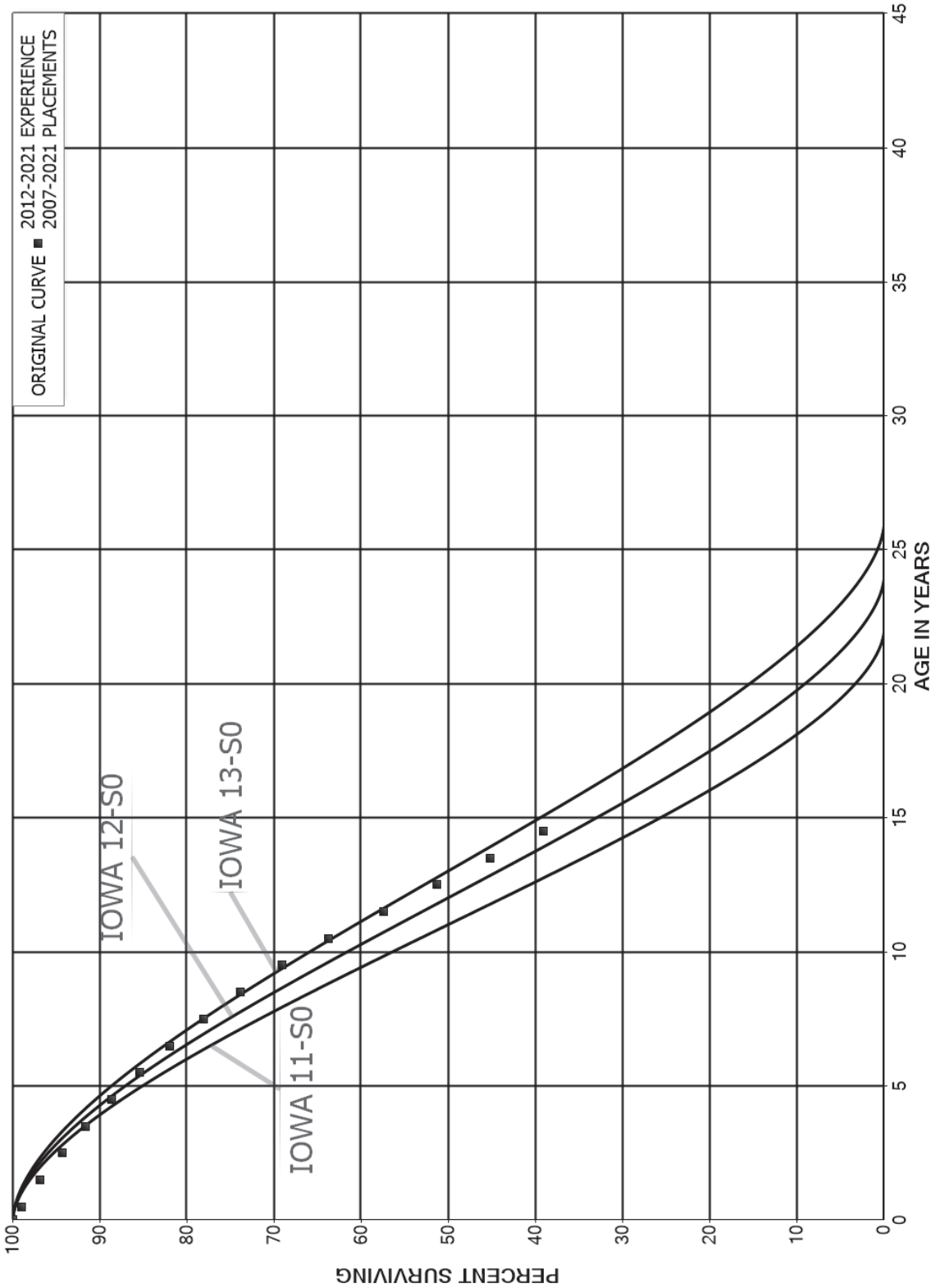
OFFICIAL COPY
Sep 22 2023

FIGURE 6. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES



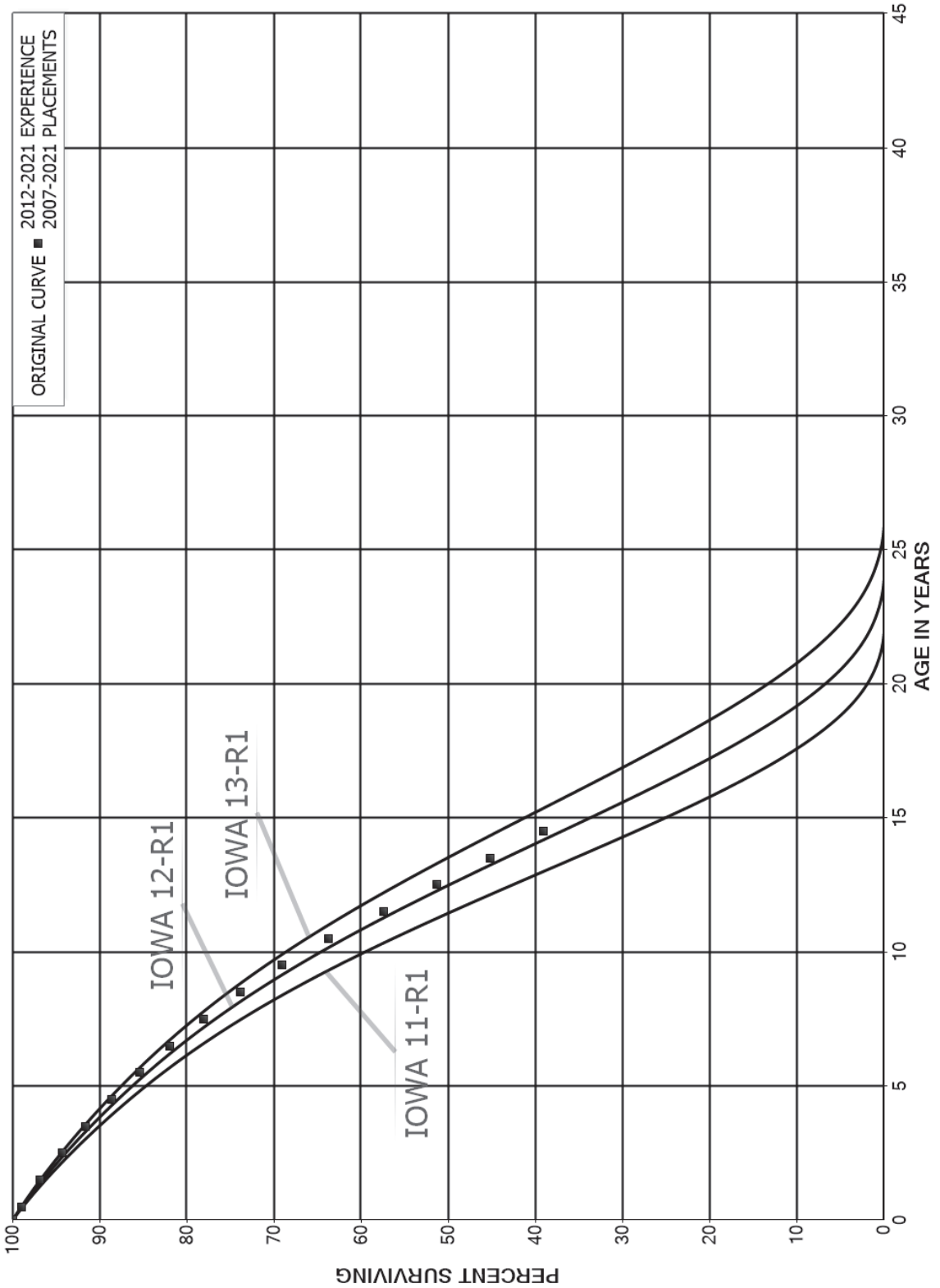
OFFICIAL COPY
Sep 22 2023

FIGURE 7. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN S0 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES



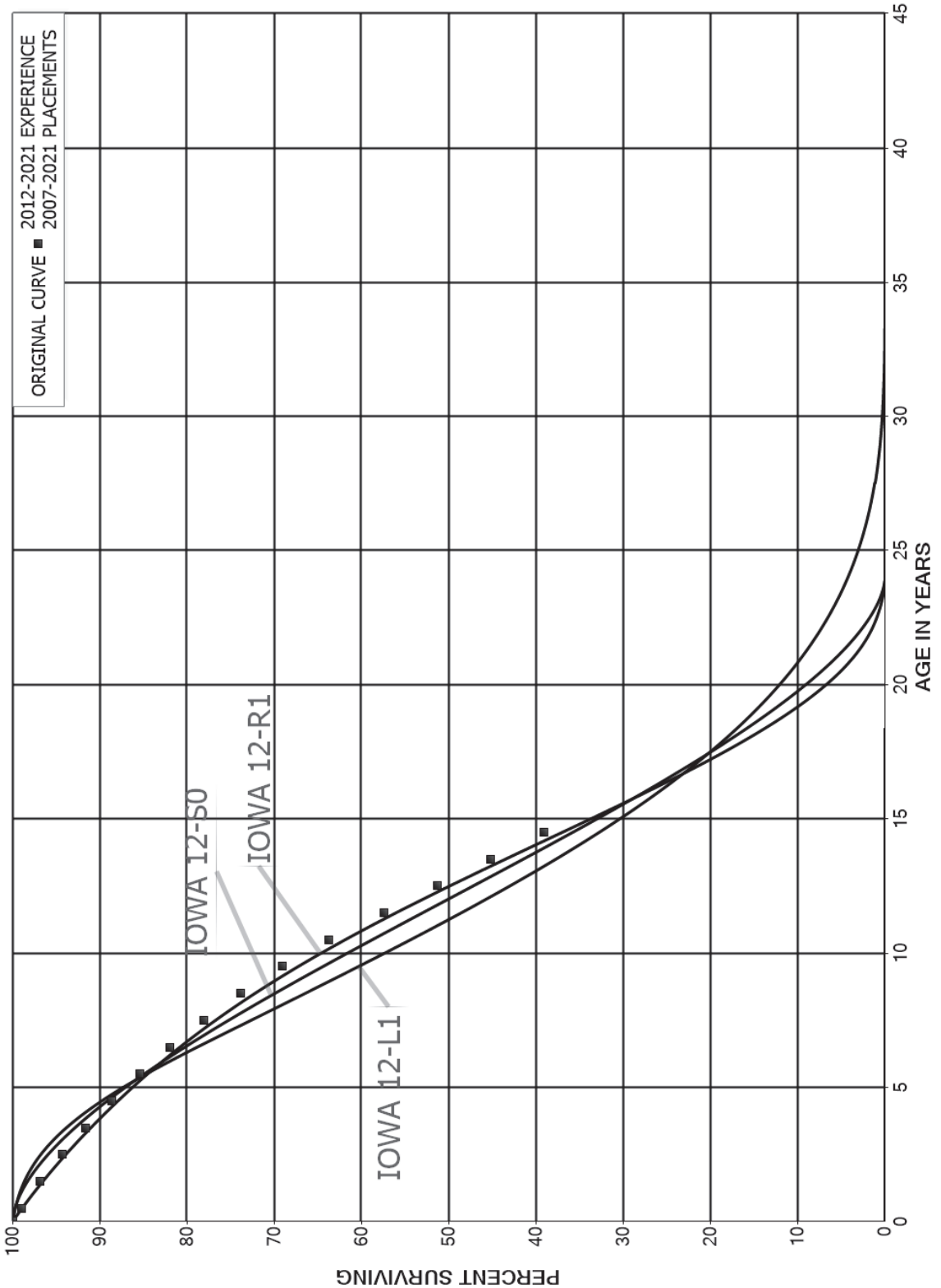
OFFICIAL COPY
Sep 22 2023

FIGURE 8. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN R1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

FIGURE 9. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1, S0 AND R1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY

Sep 22 2023

PART III. SERVICE LIFE CONSIDERATIONS

OFFICIAL COPY
Sep 22 2023

PART III. SERVICE LIFE CONSIDERATIONS

FIELD TRIPS

In order to be familiar with the operation of the Company and observe representative portions of the plant, field trips have been conducted. A general understanding of the function of the plant and information with respect to the reasons for past retirements and the expected future causes of retirements are obtained during field trips. This knowledge and information were incorporated in the interpretation and extrapolation of the statistical analyses.

The following is a list of the locations visited during the recent field trips.

May 17-19, 2022
- Mountain Island Hydro Plant
- Allen Steam Generating Station
- Gaston Solar Station
- Cliffside Steam Generating Station
- Thorpe Hydro Plant
- Cedar Cliff Hydro Plant
- Tennessee Hydro Plant
- Clemson Combined Heat and Power Plant
- Marshall Steam Generating Station
- Lincoln Combustion Turbine Station
- Cowans Ford Hydro Plant

April 1-2, 2019
- Buster Boyd Substation
- Riverbend Switching Station
- Stonewater Tie-in
- Marshall Substation
- Marshall Steam Generating Station
- Lee Combined Cycle Generating Station

January 11-13, 2017
- Mill Creek Generating Station
- Ninety-Nine Islands Hydro Plant
- W.S. Lee Combined Cycle Plant
- W.S. Lee Steam Plant
- Keowee Hydro Plant
- Jocassee Pump Storage Plant
- Tennessee Creek Hydro Plant

OFFICIAL COPY
Sep 22 2023

Wolf Creek Dam
Cedar Cliff Hydro Plant
Thorpe Hydro Plant
Bridgewater Hydro Plant

December 7, 2016
Dan River Combined Cycle Plant

June 13-15, 2012
Buck Combined Cycle Generating Station
Rockingham Combustion Turbine Station
Belews Creek Generating Station
Lewisville Operations Center
Peace Haven Road Substation
Shallowford Substation
Bridgewater Hydro Plant
Marshall Steam Generating Station
Lincolntown Tie Substation
Cliffside Steam Generating Station
Allen Steam Generating Station

March 3-5, 2009
Allen Steam Generating Station
Marshall Steam Generating Station
Belews Creek Generating Station
McGuire Nuclear Station
Cowans Ford Hydro Plant
Lincoln Combustion Turbine Station
Mountain Island Hydro Plant
Riverbend Steam Generating Station
Mill Creek Combustion Turbine Station
Oconee Nuclear Station
Bad Creek Pump Storage
Jocassee Hydro Plant
Cliffside Steam Generating Station

October 27-29, 2003
McGuire Nuclear Station
Allen Steam Generating Station
Mountain Island Hydro Plant
Riverbend Steam Generating Station
Lincoln Combustion Turbine Station
Marshall Steam Generating Station
Cowans Ford Hydro Plant
Bad Creek Pump Storage
Oconee Nuclear Station

OFFICIAL COPY
Sep 22 2023

SERVICE LIFE ANALYSIS

The service life estimates were based on judgment which considered a number of factors. The primary factors were the statistical analyses of data, current Company policies and outlook as determined during conversations with management; and the survivor curve estimates from previous studies of this company and other electric utility companies.

For 47 plant accounts and subaccounts for which survivor curves were estimated, the statistical analyses using the retirement rate method resulted in good to excellent indications of the survivor patterns experienced. These accounts represent 90 percent of depreciable plant. Generally, the information external to the statistics led to minimal or no significant departure from the indicated survivor curves for the accounts listed below. The statistical support for the service life estimates is presented in the section beginning on page VII-2.

STEAM PRODUCTION PLANT
- 311.00 Structures and Improvements
- 312.00 Boiler Plant Equipment
- 314.00 Turbogenerator Units
- 315.00 Accessory Electric Equipment

NUCLEAR PLANT
- 321.00 Structures and Improvements
- 322.00 Reactor Plant Equipment
- 323.00 Turbogenerators
- 324.00 Accessory Electric Equipment
- 325.00 Miscellaneous Power Plant Equipment

HYDRAULIC PLANT
- 331.00 Structures and Improvements
- 332.00 Reservoirs, Dams and Waterways
- 333.00 Water Wheels, Turbines and Generators
- 334.00 Accessory Electric Equipment
- 335.00 Miscellaneous Power Plant Equipment

OFFICIAL COPY
Sep 22 2023

OTHER PRODUCTION PLANT
- 342.00 Fuel Holders, Producers and Accessories
- 343.00 Prime Movers
- 343.10 Prime Movers - Rotable Parts
- 344.00 Generators
- 346.00 Miscellaneous Power Plant Equipment

TRANSMISSION PLANT
- 352.00 Structures and Improvements
- 353.00 Station Equipment
- 354.00 Towers and Fixtures
- 355.00 Poles and Fixtures
- 356.00 Overhead Conductors and Devices

DISTRIBUTION PLANT
- 361.00 Structures and Improvements
- 362.00 Station Equipment
- 364.00 Poles, Towers and Fixtures
- 364.10 Poles, Towers and Fixtures - Storm Securitization
- 365.00 Overhead Conductors and Devices
- 365.10 Overhead Conductors and Devices - Storm Securitization
- 367.00 Underground Conductors and Devices
- 368.00 Line Transformers
- 368.10 Line Transformers - Storm Securitization
- 370.00 Meters and Metering Equipment
- 371.00 Installations on Customers' Premises
- 373.00 Street Lighting and Signal Systems

GENERAL PLANT
- 390.00 Structures and Improvements
- 392.10 Transportation Equipment - Passenger Cars and Station Wagons
- 392.11 Transportation Equipment - Light Trucks
- 392.12 Transportation Equipment - Medium Trucks
- 392.13 Transportation Equipment - Heavy Trucks
- 392.15 Transportation Equipment - Heavy Trucks/Power Equipped
- 392.16 Transportation Equipment - Tractors
- 392.18 Transportation Equipment - Trailers
- 396.04 Power Operated Equipment - Mobile Cranes
- 396.07 Power Operated Equipment - Miscellaneous Non-Highway Equipment
- 396.09 Power Operated Equipment - Miscellaneous Equipment

OFFICIAL COPY
Sep 22 2023

Accounts 365.00 and 365.10, Overhead Conductors and Devices, is used to illustrate the manner in which the study was conducted for the groups in the preceding list. Aged plant accounting data have been compiled for the years 1960 through 2021. These data have been coded in the course of the Company's normal record keeping according to account or property group, type of transaction, year in which the transaction took place, and year in which the electric plant was placed in service. The retirements, other plant transactions, and plant additions were analyzed by the retirement rate method.

The survivor curve estimate is based on the statistical indications for the periods 1960 through 2021 and 1992 through 2021. The Iowa 52-R0.5 is a reasonable fit of the stub original survivor curve through age 58 for Overhead Conductors and Devices. The 52-year service life is within the typical service life range of 45 to 55 years for overhead conductor. The 52-year life reflects the Company's plans to replace overhead conductor at the time the equipment fails or requires a load upgrade due to growth in the service territory.

For Accounts 364.00 and 364.10, Poles, Towers and Fixtures, the survivor curve estimate is the 52-R2. The statistical analysis for this account provides a good indication of service life through age 62. The 52-R2 estimate is within the industry range and is consistent with the outlook for this account. The current estimate for this account is 50-R2. Based on these considerations, the 52-R2 survivor curve is the most reasonable estimate for this account.

For Account 367.00, Underground Conductors and Devices, the survivor curve estimate of 54-R3 is based on the statistical indications for the periods 1960 through 2021 and 2002 through 2021. The Iowa 54-R3 is a good fit of the stub curve for Underground Conductors and Devices through age 53 and is consistent with the outlook for this account. The 54-year service life is within the typical service life range of 40 to

OFFICIAL COPY
Sep 22 2023

60 years for underground conductor. The current estimate for this account is 55-R3. Based on these considerations, the 54-R3 survivor curve is the most reasonable estimate for this account.

Similar studies were performed for the remaining plant accounts. Each of the judgments represented a consideration of statistical analyses of aged plant activity, management's outlook for the future, and the typical range of lives used by other electric companies.

Life Span Estimates

Inasmuch as production plant consists of large generating units, the life span technique was employed in conjunction with the use of interim survivor curves which reflect interim retirements that occur prior to the ultimate retirement of the major unit. An interim survivor curve was estimated for each plant account, inasmuch as the rate of interim retirements differs from account to account. The interim survivor curves estimated for steam, nuclear, hydraulic and other production plant were based on the retirement rate method of life analysis which incorporated experienced aged retirements for the period 1960 through 2021 for steam; 1978 through 2021 for nuclear; 1960 through 2021 for hydraulic; and 1971 through 2021 for other production.

The depreciable life span estimates for power generating stations were the result of considering experienced life spans of similar generating units, the age of surviving units, general operating characteristics of the units, major refurbishments, discussions with management personnel concerning the probable long-term outlook for the units, and the estimate of the operating partner, if applicable.

The depreciable life span estimate for most steam, base-load units is 53 to 66 years, which is within the typical range of life spans for such units. The life span for nuclear units is approximately 80 years, and is consistent with the planned relicense dates for each unit. The depreciable life span for hydraulic units is 73 to 148 years

OFFICIAL COPY
Sep 22 2023

which corresponds to the license or relicense dates of each station. A life span of 40-45 years was estimated for the combustion turbines. These life span estimates are typical for combustion turbines which are used primarily as peaking units. The combined cycle units are relatively new units with a commonly used 40-year life span estimate. The large solar facilities constructed to date will have a 30-year life span.

A summary of the major year in service, depreciable life date and depreciable life span for each power production unit follows:

Depreciable Group	Major Year in Service	Probable Retirement Year	Life Span
Steam Production Plant			
Marshall Unit 1	1965	2028	63
Marshall Unit 2	1966	2028	62
Marshall Unit 3	1969	2032	63
Marshall Unit 4	1970	2032	62
Belews Creek Unit 1	1974,2003	2035	61,32
Belews Creek Unit 2	1974,2003	2035	61,32
Cliffside Unit 5 (J.E. Rodgers)	1972	2025	53
Cliffside Unit 6 (J.E. Rodgers)	2012	2048	36
Lee	1951,1990	2030	79,40
Allen	1957,1961	2023	66,62
Nuclear Production			
Oconee	1973	2054	81
McGuire	1981	2063	82
Catawba	1985	2063	78
Hydro Production			
Cowans Ford	1963	2055	92
Bad Creek	1991	2067	76
Jocassee	1973	2046	73
Keowee	1971	2046	75
Fishing Creek	1916,1997	2055	139,58
Cedar Creek	1927,1999	2055	128,56
Bridgewater	1919,2011	2055	136,44
Lookout Shoals	1915,1995	2055	140,60

OFFICIAL COPY
Sep 22 2023

Depreciable Group	Major Year in Service	Probable Retirement Year	Life Span
Mountain Island	1923,2005	2055	132,50
99 Islands	1910	2036	126
Oxford	1928,1997	2055	127,58
Rhodhiss	1925, 2000	2055	130,55
Wateree	1919,1996	2055	136,59
Wylie	1925,1997	2055	130,58
Great Falls	1907,1993	2055	148,62
Dearborn	1923,1996	2055	132,59
NPL Bear Creek	1954	2041	87
NPL Cedar Cliff	1952	2041	89
NPL Nantahala	1942	2042	100
NPL Queens Creek	1949	2032	83
NPL Tennessee Creek	1955	2041	86
NPL Thorpe	1943	2041	98
NPL Tuckasegee	1951	2041	90
Other Production Plant			
Lincoln CTs	1995	2040	45
Lee CTs	2007	2047	40
Mill Creek CTs	2002	2043	41
Rockingham CTs	2000	2040	40
Buck Combined Cycle	2011	2051	40
Dan River Combined Cycle	2012	2052	40
Lee Combined Cycle	2018	2058	40
Clemson Combined Heat and Power Plant	2019	2059	40
Woodleaf – Solar	2018	2048	30
Monroe – Solar	2017	2047	30
Mocksville – Solar	2016	2046	30
Gaston – Solar	2020	2050	30
Maiden Creek - Solar	2021	2051	30

The selected amortization periods for other General Plant accounts are described in the section “Calculated Annual and Accrued Amortization.”

OFFICIAL COPY

Sep 22 2023

PART IV. NET SALVAGE CONSIDERATIONS

OFFICIAL COPY
Sep 22 2023

PART IV. NET SALVAGE CONSIDERATIONS

NET SALVAGE ANALYSIS

The estimates of net salvage by account were based in part on historical data compiled through 2021. Cost of removal and gross salvage were expressed as percents of the original cost of plant retired, both on annual and three-year moving average bases. The most recent five-year average also was calculated for consideration. The net salvage estimates by account are expressed as a percent of the original cost of plant retired.

Net Salvage Considerations

The estimates of future net salvage are expressed as percentages of surviving plant in service, i.e., all future retirements. In cases in which removal costs are expected to exceed salvage receipts, a negative net salvage percentage is estimated. The net salvage estimates were based on judgment which incorporated analyses of historical cost of removal and gross salvage data, expectations with respect to future removal requirements and markets for retired equipment and materials.

The analyses of historical cost of removal and gross salvage data are presented in the section titled “Net Salvage Statistics” for the plant accounts for which the net salvage estimate relied partially on those analyses.

Statistical analyses of historical data for the periods 2003 through 2021 for all plant accounts were analyzed. The analyses contributed significantly toward the net salvage estimates for 45 plant accounts, representing 87 percent of the depreciable plant, as follows:

OFFICIAL COPY
Sep 22 2023

STEAM PRODUCTION PLANT
- 311.00 Structures and Improvements
- 312.00 Boiler Plant Equipment
- 314.00 Turbogenerator Units
- 315.00 Accessory Electric Equipment
- 316.00 Miscellaneous Power Plant Equipment

NUCLEAR PRODUCTION PLANT
- 321.00 Structures and Improvements
- 322.00 Reactor Plant Equipment
- 323.00 Turbogenerator Units
- 324.00 Accessory Electric Equipment
- 325.00 Miscellaneous Power Plant Equipment

HYDRAULIC PRODUCTION PLANT
- 331.00 Structures and Improvements
- 332.00 Reservoirs, Dams and Waterway
- 333.00 Water Wheels, Turbines and Generators
- 334.00 Accessory Electric Equipment
- 335.00 Miscellaneous Power Plant Equipment

OTHER PRODUCTION PLANT
- 342.00 Fuel Holders, Producers and Accessories
- 345.00 Accessory Electric Equipment
- 346.00 Miscellaneous Power Plant Equipment

TRANSMISSION PLANT
- 352.00 Structures and Improvements
- 353.00 Station Equipment
- 354.00 Towers and Fixtures
- 355.00 Poles and Fixtures
- 356.00 Overhead Conductors and Devices
- 358.00 Underground Conductors and Devices

DISTRIBUTION PLANT
- 361.00 Structures and Improvements
- 362.00 Station Equipment
- 364.00 Poles, Towers and Fixtures
- 365.00 Overhead Conductors and Devices
- 366.00 Underground Conduit
- 367.00 Underground Conductors and Devices
- 368.00 Line Transformers
- 370.00 Meters and Metering Equipment
- 371.00 Installations on Customers' Premises
- 373.00 Street Lighting and Signal Systems

OFFICIAL COPY
Sep 22 2023

GENERAL PLANT

390.00	Structures and Improvements
392.10	Transportation Equipment - Passenger Cars and Station Wagons
392.11	Transportation Equipment - Light Trucks
392.12	Transportation Equipment - Medium Trucks
392.13	Transportation Equipment - Heavy Trucks
392.15	Transportation Equipment - Heavy Trucks/Power Equipped
392.16	Transportation Equipment - Tractors
392.18	Transportation Equipment - Trailers
396.04	Power Operated Equipment - Mobile Cranes
396.07	Power Operated Equipment - Miscellaneous Non-Highway Equipment
396.00	Power Operated Equipment - Miscellaneous Equipment

Account 365.00, Overhead Conductors and Devices, is used to illustrate the manner in which the study was conducted for the groups in the preceding list. Net salvage data for the period 2003 through 2021 were analyzed for this account. The data include cost of removal, gross salvage and net salvage amounts and each of these amounts is expressed as a percent of the original cost of regular retirements. Three-year moving averages for the 2003-2005 through 2019-2021 periods were computed to smooth the annual amounts.

Cost of removal was relatively consistent during the nineteen-year period with the exception of 2011 through 2013. The primary cause of the higher levels of cost of removal in recent years has been the increased safety needs and environmental requirements that have caused labor hours per project to increase. Cost of removal for the most recent five years averaged 42 percent.

Gross salvage has varied throughout the period with high levels in 2009, 2010 and 2017 due to practices of reuse. The most recent five-year average of 2 percent gross salvage is in line with overall future expectations of moderate levels of scrap value.

OFFICIAL COPY
Sep 22 2023

The net salvage percent based on the overall period 2003 through 2021 is negative 31 percent and based on the most recent five-year period is negative 40 percent. The typical range of estimates made by other electric companies for Overhead Conductors and Devices is negative 20 to negative 40 percent. The net salvage estimate for overhead conductor is negative 30 percent, is within the range of other estimates and reflects the levels of net salvage experienced over the last nineteen years.

The net salvage estimate for Account 353.00, Station Equipment, is negative 15 percent. Net salvage data for the period 2003 through 2021 were analyzed for this account. Cost of removal has been high in most years for the period studied with a slight decrease in recent years. There has been some gross salvage, but it has been less than cost of removal and has only averaged approximately 1 percent throughout the period. For the period 2003 through 2021, net salvage has averaged negative 18 percent. More recent years have experienced higher levels of retirements and have also experienced increased amounts of cost of removal except for 2018 which had some delays in recording. The most recent five year average is negative 11 percent.

Estimates of negative 20 percent or less are common in the industry for station equipment. There has been a trend to less negative net salvage related to station equipment in recent years, however, some electric companies have estimates that are even more negative than the recent indications of the Company. While the trend for this account does support a less negative net salvage estimate than currently utilized, a negative 15 percent estimate reflects the expectations of the Company for this account as well as the experience of others in the industry.

The overall net salvage estimates for the Company's production facilities, for which the life span method is used, is based on estimates of both final net salvage and interim net salvage. Final net salvage is the net salvage experienced at the end of a

OFFICIAL COPY
Sep 22 2023

production plant's life span. Interim net salvage is the net salvage experienced for interim retirements that occur prior to the final retirement of the plant. The final net salvage estimates in the study were based on a decommissioning study performed by 1898 & Co. (part of Burns & McDonnell). These studies excluded ash pond closure activities. The interim net salvage estimates were based in part on an analysis of historical interim retirement and net salvage data. Based on informed judgment that incorporated these interim net salvage analyses for each plant account, an interim net salvage estimate of negative 18 percent was used for steam plant accounts; negative 10 percent for nuclear plant accounts; negative 20 percent for hydraulic plant accounts; and a negative 23percent estimate was used for all other production plant accounts, other than solar assets. The other exception is for Account 343.10, Prime Movers – Rotable Parts, which are only associated with the combined cycle units. This account includes the hot gas path components of the combustion turbines for these plants. An interim net salvage estimate of 40 percent is recommended, consistent with the historical data and outlook for these assets.

The interim survivor curve estimates for each account and production facility were used to calculate the percentage of plant expected to be retired as interim retirements and final retirements. These are shown on Table 1 in the Net Salvage Statistics section on page VIII-2. These percentages were used to determine the weighted net salvage estimate for each account and production facility based on the interim and final net salvage estimates. These calculations, as well as the estimated final net salvage and interim net salvage percents, are shown on Table 2 of the Net Salvage Statistics section on page VIII-3. Table 3 sets forth the calculation for establishing the terminal net salvage percent for each generating location which is utilized in Table 2.

OFFICIAL COPY
Sep 22 2023

The net salvage percents for the remaining accounts were based on judgment incorporating factors such as the statistical net salvage analysis, general knowledge of the property studied, and estimates of previous studies of this and other electric companies.

Generally, the net salvage estimates for remaining general plant accounts were zero percent, consistent with amortization accounting.

OFFICIAL COPY

Sep 22 2023

PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

OFFICIAL COPY
Sep 22 2023

PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

GROUP DEPRECIATION PROCEDURES

A group procedure for depreciation is appropriate when considering more than a single item of property. Normally the items within a group do not have identical service lives, but have lives that are dispersed over a range of time. There are two primary group procedures, namely, average service life and equal life group. In the average service life procedure, the rate of annual depreciation is based on the average life or average remaining life of the group, and this rate is applied to the surviving balances of the group's cost. A characteristic of this procedure is that the cost of plant retired prior to average life is not fully recouped at the time of retirement, whereas the cost of plant retired subsequent to average life is more than fully recouped. Over the entire life cycle, the portion of cost not recouped prior to average life is balanced by the cost recouped subsequent to average life.

Single Unit of Property

The calculation of straight line depreciation for a single unit of property is straightforward. For example, if a $1,000 unit of property attains an age of four years and has a life expectancy of six years, the annual accrual over the total life is:

$$\frac{\$1{,}000}{(4 + 6)} = \$100 \text{ per year.}$$

The accrued depreciation is:

$$\$1{,}000\left(1 - \frac{6}{10}\right) = \$400.$$

OFFICIAL COPY
Sep 22 2023

Remaining Life Annual Accruals

For the purpose of calculating remaining life accruals as of December 31, 2021, the depreciation reserve for each plant account is allocated among vintages in proportion to the calculated accrued depreciation for the account. Explanations of remaining life accruals and calculated accrued depreciation follow. The detailed calculations as of December 31, 2021, are set forth in the Results of Study section of the report.

Average Service Life Procedure

In the average service life procedure, the remaining life annual accrual for each vintage is determined by dividing future book accruals (original cost less book reserve) by the average remaining life of the vintage. The average remaining life is a directly weighted average derived from the estimated future survivor curve in accordance with the average service life procedure.

The calculated accrued depreciation for each depreciable property group represents that portion of the depreciable cost of the group which would not be allocated to expense through future depreciation accruals if current forecasts of life characteristics are used as the basis for such accruals. The accrued depreciation calculation consists of applying an appropriate ratio to the surviving original cost of each vintage of each account based upon the attained age and service life. The straight line accrued depreciation ratios are calculated as follows for the average service life procedure:

$$Ratio = 1 - \frac{Average\ Remaining\ Life}{Average\ Service\ Life}.$$

OFFICIAL COPY
Sep 22 2023

CALCULATION OF ANNUAL AND ACCRUED AMORTIZATION

Amortization, as defined in the Uniform System of Accounts, is the gradual extinguishment of an amount in an account by distributing such amount over a fixed period, over the life of the asset or liability to which it applies, or over the period during which it is anticipated the benefit will be realized. Normally, the distribution of the amount is in equal amounts to each year of the amortization period.

The calculation of annual and accrued amortization requires the selection of an amortization period. The amortization periods used in this report were based on judgment which incorporated a consideration of the period during which the assets will render most of their service, the amortization periods and service lives used by other utilities, and the service life estimates previously used for the asset under depreciation accounting.

Amortization accounting is appropriate for certain General Plant accounts that represent numerous units of property, but a very small portion of total depreciable electric plant in service. The accounts and their amortization periods are as follows:

Account		Amortization Period, Years
391	Office Furniture and Equipment	
	Furniture and Equipment	15
	EDP	8
393	Stores Equipment	20
394	Tools, Shop and Garage Equipment	20
395	Laboratory Equipment	15
397	Communication Equipment	10
398	Miscellaneous Equipment	20

For the purpose of calculating annual amortization amounts as of December 31, 2021, the book depreciation reserve for each plant account or subaccount is assigned or allocated to vintages. The book reserve assigned to vintages with an age greater

OFFICIAL COPY
Sep 22 2023

than the amortization period is equal to the vintage's original cost. The remaining book reserve is allocated among vintages with an age less than the amortization period in proportion to the calculated accrued amortization. The calculated accrued amortization is equal to the original cost multiplied by the ratio of the vintage's age to its amortization period. The annual amortization amount is determined by dividing the future amortizations (original cost less allocated book reserve) by the remaining period of amortization for the vintage.

OFFICIAL COPY

Sep 22 2023

PART VI. RESULTS OF STUDY

OFFICIAL COPY
Sep 22 2023

PART VI. RESULTS OF STUDY

QUALIFICATION OF RESULTS

The calculated annual and accrued depreciation are the principal results of the study. Continued surveillance and periodic revisions are normally required to maintain continued use of appropriate annual depreciation accrual rates. An assumption that accrual rates can remain unchanged over a long period of time implies a disregard for the inherent variability in service lives and net salvage and for the change of the composition of property in service. The annual accrual rates were calculated in accordance with the straight line remaining life method of depreciation, using the average service life procedure based on estimates which reflect considerations of current historical evidence and expected future conditions.

The annual depreciation accrual rates are applicable specifically to the electric plant in service as of December 31, 2021. For most plant accounts, the application of such rates to future balances that reflect additions subsequent to December 31, 2021, is reasonable for a period of three to five years.

DESCRIPTION OF STATISTICAL SUPPORT

The service life and net salvage estimates were based on judgment which incorporated statistical analyses of retirement data, discussions with management and consideration of estimates made for other electric companies. The results of the statistical analyses of service life are presented in the section titled "Service Life Statistics".

The estimated survivor curves for each account are presented in graphical form. The charts depict the estimated smooth survivor curve and original survivor curve(s), when applicable, related to each specific group. For groups where the original survivor curve was plotted, the calculation of the original life table is also presented.

OFFICIAL COPY
Sep 22 2023

The analyses of net salvage data are presented in the section titled, "Net Salvage Statistics". The tabulations present annual cost of removal and gross salvage data, three-year moving averages and the most recent five-year average. Data are shown in dollars and as percentages of original costs retired.

DESCRIPTION OF DEPRECIATION TABULATIONS

A summary of the results of the study, as applied to the original cost of electric plant as of December 31, 2021, is presented on pages VI-4 through VI-15 of this report. The schedule sets forth the original cost, the book depreciation reserve, future accruals, the calculated annual depreciation rate and amount, and the composite remaining life related to electric plant.

The tables of the calculated annual depreciation accruals are presented in account sequence in the section titled "Detailed Depreciation Calculations." The tables indicate the estimated survivor curve and net salvage percent for the account and set forth, for each installation year, the original cost, the calculated accrued depreciation, the allocated book reserve, future accruals, the remaining life and the calculated annual accrual amount.

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
	STEAM PRODUCTION PLANT										
311.00	STRUCTURES AND MPROVEMENTS										
	MARSHALL UNIT 1	12-2028	90-S1	*	(3)	4,009,963.84	2,764,307	1,365,956	200,923	5.01	6.8
	MARSHALL UNIT 2	12-2028	90-S1	*	(4)	6,092,584.90	4,212,661	2,123,627	312,662	5.13	6.8
	MARSHALL UNIT 3	12-2032	90-S1	*	(4)	9,592,807.15	6,003,531	3,972,988	375,533	3.91	10.6
	MARSHALL UNIT 4	12-2032	90-S1	*	(4)	7,104,018.20	4,496,654	2,891,525	273,876	3.86	10.6
	MARSHALL COMMON	12-2032	90-S1	*	(4)	168,536,268.86	44,080,386	131,197,334	11,968,020	7.10	11.0
	BELEWS CREEK UNIT 1	12-2035	90-S1	*	(6)	131,857,154.97	66,970,270	72,798,314	5,328,694	4.04	13.7
	BELEWS CREEK UNIT 2	12-2035	90-S1	*	(6)	65,951,215.49	30,267,879	39,640,409	2,875,885	4.36	13.8
	BELEWS CREEK COMMON	12-2035	90-S1	*	(6)	200,205,509.06	51,837,443	160,380,397	11,531,911	5.76	13.9
	LEE	12-2030	90-S1	*	(17)	13,123,930.34	7,610,898	7,744,100	872,684	6.65	8.9
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	90-S1	*	(5)	60,758,312.35	39,871,287	23,924,941	6,010,355	9.89	4.0
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	90-S1	*	(8)	155,989,756.57	34,707,857	133,761,080	5,070,143	3.25	26.4
	CL FFS DE COMMON (J.E. ROGERS)	12-2048	90-S1	*	(6)	147,832,930.54	15,449,264	141,253,642	5,303,676	3.59	26.6
	ALLEN	12-2023	90-S1	*	(5)	161,355,511.52	98,878,375	70,544,912	35,291,996	21.87	2.0
	TOTAL STRUCTURES AND IMPROVEMENTS					1,132,409,963.79	407,150,812	791,599,225	85,416,358	7.54	9.3
312.00	BOILER PLANT EQUIPMENT										
	MARSHALL UNIT 1	12-2028	47-R2	*	(3)	482,435,560.10	303,816,511	193,092,116	28,158,582	5.84	6.9
	MARSHALL UNIT 2	12-2028	47-R2	*	(4)	113,723,953.57	62,256,427	56,016,485	8,188,201	7.20	6.8
	MARSHALL UNIT 3	12-2032	47-R2	*	(4)	306,016,158.30	149,881,523	168,375,282	15,871,264	5.19	10.6
	MARSHALL UNIT 4	12-2032	47-R2	*	(4)	199,256,872.74	89,158,752	118,068,396	11,132,382	5.59	10.6
	MARSHALL COMMON	12-2032	47-R2	*	(4)	354,842,132.37	113,448,645	255,587,173	23,845,089	6.72	10.7
	BELEWS CREEK UNIT 1	12-2035	47-R2	*	(6)	402,272,281.54	174,523,317	251,885,301	18,812,401	4.68	13.4
	BELEWS CREEK UNIT 2	12-2035	47-R2	*	(6)	325,520,604.88	144,112,033	200,939,808	15,023,101	4.62	13.4
	BELEWS CREEK COMMON	12-2035	47-R2	*	(6)	1,007,887,247.57	422,988,941	645,371,541	48,537,784	4.82	13.3
	LEE	12-2030	47-R2	*	(17)	46,799,187.41	30,825,762	23,929,287	2,800,034	5.98	8.5
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	47-R2	*	(5)	636,792,124.37	436,305,089	232,326,642	58,685,026	9.22	4.0
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	47-R2	*	(8)	1,277,318,126.21	339,941,493	1,039,562,083	42,462,547	3.32	24.5
	CL FFS DE COMMON (J.E. ROGERS)	12-2048	47-R2	*	(6)	14,918,380.38	3,609,668	12,203,815	496,575	3.33	24.6
	ALLEN	12-2023	47-R2	*	(5)	607 456 476.02	498 431 997	139 397 303	70 052 745	11.53	2.0
	TOTAL BOILER PLANT EQUIPMENT					5,775,239,105.46	2,769,300,158	3,336,755,232	344,065,731	5.96	9.7
314.00	TURBOGENERATOR UNITS										
	MARSHALL UNIT 1	12-2028	50-S0.5	*	(3)	48,514,739.94	15,658,418	34,311,764	4,973,809	10.25	6.9
	MARSHALL UNIT 2	12-2028	50-S0.5	*	(4)	55,070,729.51	18,226,536	39,047,023	5,710,109	10.37	6.8
	MARSHALL UNIT 3	12-2032	50-S0.5	*	(4)	55,000,059.28	17,823,926	39,376,136	3,765,330	6.85	10.5
	MARSHALL UNIT 4	12-2032	50-S0.5	*	(4)	74,442,601.09	26,472,589	50,947,716	4,867,433	6.54	10.5
	MARSHALL COMMON	12-2032	50-S0.5	*	(4)	8,584,327.39	3,218,949	5,708,751	551,586	6.43	10.3
	BELEWS CREEK UNIT 1	12-2035	50-S0.5	*	(6)	97,199,859.58	27,421,883	75,609,968	5,669,861	5.83	13.3
	BELEWS CREEK UNIT 2	12-2035	50-S0.5	*	(6)	111,149,237.44	31,482,386	86,335,806	6,468,659	5.82	13.3
	BELEWS CREEK COMMON	12-2035	50-S0.5	*	(6)	40,782,764.55	15,499,948	27,729,782	2,208,238	5.41	12.6
	LEE	12-2030	50-S0.5	*	(17)	8,683,987.42	5,479,846	4,680,419	615,981	7.09	7.6
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	50-S0.5	*	(5)	59,900,126.04	32,865,561	30,029,571	7,686,038	12.83	3.9
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	50-S0.5	*	(8)	267,185,630.48	52,835,866	235,724,615	9,844,995	3.68	23.9
	ALLEN	12-2023	50-S0.5	*	(5)	63,590,030.88	36,051,306	30,718,226	15,518,984	24.40	2.0
	SHARED DEPARTMENT PLANT	12-2048	50-S0.5	*	(10)	14 673.94	4 149	11 992	523	3.56	22.9
	TOTAL TURBOGENERATOR UNITS					890,118,767.54	283,041,363	660,231,769	67,881,546	7.63	9.7

Spanos Exh bit 1
Docket No. E-7, Sub 1276
Page 58 of 64

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
315.00	ACCESSORY ELECTRIC EQU PMENT										
	MARSHALL UNIT 1	12-2028	60-S1	*	(3)	7,604,503.50	4,324,190	3,508,449	509,531	6.70	6.9
	MARSHALL UNIT 2	12-2028	60-S1	*	(4)	5,922,427.73	2,781,158	3,378,167	488,645	8.25	6.9
	MARSHALL UNIT 3	12-2032	60-S1	*	(4)	29,085,682.54	17,442,387	12,806,723	1,219,574	4.19	10.5
	MARSHALL UNIT 4	12-2032	60-S1	*	(4)	19,892,421.83	11,585,193	9,102,926	866,071	4.35	10.5
	MARSHALL COMMON	12-2032	60-S1	*	(4)	22,419,153.37	10,259,090	13,056,830	1,216,585	5.43	10.7
	BELEWS CREEK UNIT 1	12-2035	60-S1	*	(6)	21,359,179.08	10,162,292	12,478,438	924,195	4.33	13.5
	BELEWS CREEK UNIT 2	12-2035	60-S1	*	(6)	19,328,358.98	9,736,984	10,751,077	799,058	4.13	13.5
	BELEWS CREEK COMMON	12-2035	60-S1	*	(6)	31,217,294.84	16,395,013	16,695,320	1,271,544	4.07	13.1
	LEE	12-2030	60-S1	*	(17)	16,637,076.93	12,887,194	6,578,186	767,199	4.61	8.6
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	60-S1	*	(5)	24,027,867.42	18,705,607	6,523,654	1,659,533	6.91	3.9
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	60-S1	*	(8)	153,701,998.28	39,581,360	126,416,798	4,995,446	3.25	25.3
	CL FFS DE COMMON (J.E. ROGERS)	12-2048	60-S1	*	(6)	1,315,068.92	120,060	1,273,913	48,850	3.71	26.1
	ALLEN	12-2023	60-S1	*	(5)	41,454,912.16	35,229,336	8,298,322	4,182,670	10.09	2.0
	TOTAL ACCESSORY ELECTRIC EQUIPMENT					393,965,945.58	189,209,864	230,868,803	18,948,901	4.81	12.2
316.00	MISCELLANEOUS POWER PLANT EQUIPMENT										
	MARSHALL UNIT 1	12-2028	45-R2.5	*	(3)	2,025,256.80	1,153,597	932,418	136,314	6.73	6.8
	MARSHALL UNIT 2	12-2028	45-R2.5	*	(4)	1,050,801.00	746,895	345,938	52,049	4.95	6.6
	MARSHALL UNIT 3	12-2032	45-R2.5	*	(4)	3,695,499.62	1,723,913	2,119,407	198,867	5.38	10.7
	MARSHALL UNIT 4	12-2032	45-R2.5	*	(4)	2,213,259.65	1,179,084	1,122,706	107,053	4.84	10.5
	MARSHALL COMMON	12-2032	45-R2.5	*	(4)	28,791,315.97	12,594,426	17,348,543	1,633,941	5.68	10.6
	BELEWS CREEK UNIT 1	12-2035	45-R2.5	*	(6)	3,359,701.77	1,377,711	2,183,573	162,009	4.82	13.5
	BELEWS CREEK UNIT 2	12-2035	45-R2.5	*	(6)	2,108,637.33	773,356	1,461,800	107,747	5.11	13.6
	BELEWS CREEK COMMON	12-2035	45-R2.5	*	(6)	26,224,507.01	9,225,206	18,572,771	1,381,451	5.27	13.4
	LEE	12-2030	45-R2.5	*	(17)	6,290,749.21	3,893,080	3,467,097	400,618	6.37	8.7
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	45-R2.5	*	(5)	11,493,380.05	7,732,743	4,335,306	1,097,078	9.55	4.0
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	45-R2.5	*	(8)	246,475,193.56	61,325,038	204,868,171	8,307,078	3.37	24.7
	CL FFS DE COMMON (J.E. ROGERS)	12-2048	45-R2.5	*	(6)	7,330,212.97	1,057,548	6,712,478	264,992	3.62	25.3
	ALLEN	12-2023	45-R2.5	*	(5)	21,050,521.37	15,649,526	6,453,521	3,241,463	15.40	2.0
	SHARED DEPARTMENT PLANT	12-2048	45-R2.5	*	(10)	830,130.36	168,141	745,002	29,759	3.58	25.0
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT					362,939,166.67	118,600,264	270,668,731	17,120,419	4.72	15.8
	TOTAL STEAM PRODUCTION PLANT					**8,554,672,949.04**	**3,767,302,461**	**5,290,123,760**	**533,432,955**	**6.24**	
	NUCLEAR PRODUCTION PLANT										
321.00	STRUCTURES AND MPROVEMENTS										
	OCONEE	07-2054	55-S1.5	*	(4)	1,019,281,183.74	375,180,447	684,871,984	23,618,229	2.32	29.0
	MCGUIRE	03-2063	55-S1.5	*	(8)	721,643,971.62	427,262,855	352,112,634	12,195,424	1.69	28.9
	CATAWBA	12-2063	55-S1.5	*	(8)	251 711 370.41	150 853 755	120 994 525	4 213 221	1.67	28.7
	TOTAL STRUCTURES AND IMPROVEMENTS					1,992,636,525.77	953,297,057	1,157,979,143	40,026,874	2.01	28.9
322.00	REACTOR PLANT EQUIPMENT										
	OCONEE	07-2054	45-R2	*	(4)	2,067,904,613.19	749,753,548	1,400,867,250	51,161,786	2.47	27.4
	MCGUIRE	03-2063	45-R2	*	(8)	1,614,070,842.69	975,050,591	768,145,919	28,657,645	1.78	26.8
	CATAWBA	12-2063	45-R2	*	(8)	387 760 120.58	251 219 437	167 561 493	6 621 051	1.71	25.3
	TOTAL REACTOR PLANT EQU PMENT					4,069,735,576.46	1,976,023,576	2,336,574,662	86,440,482	2.12	27.0

Spanos Exh bit 1
Docket No. E-7, Sub 1276
Page 59 of 64

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
323.00	TURBOGENERATOR UNITS										
	OCONEE	07-2054	40-R2	*	(4)	430,486,729.29	121,178,170	326,528,028	12,942,067	3.01	25.2
	MCGUIRE	03-2063	40-R2	*	(8)	573,569,892.98	214,544,481	404,911,003	15,836,521	2.76	25.6
	CATAWBA	12-2063	40-R2	*	(8)	116,116,405.63	57,226,699	68,179,019	3,169,176	2.73	21.5
	TOTAL TURBOGENERATOR UNITS					1,120,173,027.90	392,949,350	799,618,050	31,947,764	2.85	25.0
324.00	ACCESSORY ELECTRIC EQUIPMENT										
	OCONEE	07-2054	45-R3	*	(4)	939,193,970.26	285,909,513	690,852,216	23,946,128	2.55	28.9
	MCGUIRE	03-2063	45-R3	*	(8)	278,759,279.62	156,586,312	144,473,710	5,120,469	1.84	28.2
	CATAWBA	12-2063	45-R3	*	(8)	92,964,812.60	56,328,823	44,073,175	1,684,219	1.81	26.2
	SHARED DEPARTMENT PLANT	12-2063	45-R3	*	(10)	124,789.97	45,583	91,686	2,892	2.32	31.7
	TOTAL ACCESSORY ELECTRIC EQUIPMENT					1,311,042,852.45	498,870,231	879,490,787	30,753,708	2.35	28.6
325.00	MISCELLANEOUS POWER PLANT EQUIPMENT										
	OCONEE	07-2054	50-R2.5	*	(4)	270,468,486.38	114,710,199	166,577,027	5,895,228	2.18	28.3
	MCGUIRE	03-2063	50-R2.5	*	(8)	308,391,167.65	142,919,964	190,142,497	5,917,149	1.92	32.1
	CATAWBA	12-2063	50-R2.5	*	(8)	54,038,716.58	26,791,059	31,570,755	1,006,597	1.86	31.4
	SHARED DEPARTMENT PLANT	12-2063	50-R2.5	*	(5)	4,126,480.02	643,505	3,689,299	100,097	2.43	36.9
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT					637,024,850.63	285,064,727	391,979,578	12,919,071	2.03	30.3
	TOTAL NUCLEAR PRODUCTION PLANT					**9,130,612,833.21**	**4,106,204,941**	**5,565,642,220**	**202,087,899**	**2.21**	
	HYDRAULIC PRODUCTION PLANT										
331.00	STRUCTURES AND MPROVEMENTS										
	COWANS FORD	10-2055	75-S2	*	(4)	19,751,910.65	8,824,619	11,717,368	383,769	1.94	30.5
	BAD CREEK	07-2067	75-S2	*	(9)	234,244,262.04	117,348,991	137,977,255	3,709,283	1.58	37.2
	JOCASSEE	08-2046	75-S2	*	(1)	33,533,952.47	14,636,064	19,233,228	815,892	2.43	23.6
	KEOWEE	08-2046	75-S2	*	(3)	32,788,214.66	4,903,626	28,868,235	1,176,491	3.59	24.5
	FISHING CREEK	10-2055	75-S2	*	(13)	5,708,226.16	2,060,393	4,389,903	136,028	2.38	32.3
	CEDAR CREEK	10-2055	75-S2	*	(14)	4,096,777.58	1,733,249	2,937,077	92,161	2.25	31.9
	BRIDGEWATER	10-2055	75-S2	*	(3)	66,243,976.56	17,601,446	50,629,850	1,538,403	2.32	32.9
	LOOKOUT SHOALS	10-2055	75-S2	*	(21)	2,871,615.01	1,419,606	2,055,048	65,203	2.27	31.5
	MOUNTAIN ISLAND	10-2055	75-S2	*	(16)	4,116,426.21	1,199,866	3,575,188	109,294	2.66	32.7
	99 ISLANDS	05-2036	75-S2	*	(15)	1,206,654.91	708,253	679,400	47,549	3.94	14.3
	OXFORD	10-2055	75-S2	*	(7)	4,211,263.52	1,913,091	2,592,961	82,490	1.96	31.4
	RHODHISS	10-2055	75-S2	*	(13)	6,066,351.39	1,967,967	4,887,010	150,499	2.48	32.5
	WATEREE	10-2055	75-S2	*	(13)	17,453,756.83	4,801,173	14,921,572	458,757	2.63	32.5
	WYL E	10-2055	75-S2	*	(10)	8,392,377.62	3,225,424	6,006,191	187,791	2.24	32.0
	GREAT FALLS	10-2055	75-S2	*	(108)	551,581.86	619,668	527,622	17,170	3.11	30.7
	DEARBORN	10-2055	75-S2	*	(19)	2,131,193.11	1,225,420	1,310,700	42,671	2.00	30.7
	NPL BEAR CREEK	04-2041	75-S2	*	(8)	1,066,014.82	323,682	827,614	43,133	4.05	19.2
	NPL CEDAR CLIFF	04-2041	75-S2	*	(17)	1,078,554.48	352,022	909,887	47,402	4.39	19.2
	NPL NANTAHALA	01-2042	75-S2	*	(10)	2,609,433.34	1,004,646	1,865,731	94,447	3.62	19.8
	NPL QUEENS CREEK	02-2032	75-S2	*	(95)	112,213.15	116,922	101,894	10,057	8.96	10.1
	NPL TENNESSEE CREEK	04-2041	75-S2	*	(11)	355,877.97	192,179	202,846	10,818	3.04	18.8
	NPL THORPE	04-2041	75-S2	*	(36)	4,578,421.14	2,056,020	4,170,633	218,731	4.78	19.1
	NPL TUCKASEGEE	04-2041	75-S2	*	(55)	2,401,434.01	1,233,166	2,489,057	129,578	5.40	19.2
	SHARED DEPARTMENT PLANT	01-2042	75-S2	*	(25)	27 830.67	15 891	18 897	953	3.42	19.8
	TOTAL STRUCTURES AND IMPROVEMENTS					455,598,320.16	189,483,384	302,895,167	9,568,570	2.10	31.7

Spanos Exh bit 1
Docket No. E-7, Sub 1276
Page 60 of 64

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
332.00	RESERVOIRS, DAMS AND WATERWAYS										
	COWANS FORD	10-2055	100-S2 5	*	(4)	38,853,208.29	17,668,487	22,738,850	692,043	1.78	32.9
	BAD CREEK	07-2067	100-S2 5	*	(9)	455,754,166.98	246,203,324	250,568,718	5,861,049	1.29	42.8
	JOCASSEE	08-2046	100-S2 5	*	(1)	61,453,954.67	39,374,347	22,694,147	944,219	1.54	24.0
	KEOWEE	08-2046	100-S2 5	*	(3)	17,981,009.00	14,345,680	4,174,759	178,404	0.99	23.4
	FISHING CREEK	10-2055	100-S2 5	*	(13)	23,481,095.44	8,399,794	18,133,844	541,456	2.31	33.5
	CEDAR CREEK	10-2055	100-S2 5	*	(14)	12,017,600.10	5,248,838	8,451,226	252,785	2.10	33.4
	BRIDGEWATER	10-2055	100-S2 5	*	(3)	200,720,291.09	46,360,401	160,381,499	4,762,954	2.37	33.7
	LOOKOUT SHOALS	10-2055	100-S2 5	*	(21)	5,580,443.41	3,903,795	2,848,542	86,475	1.55	32.9
	MOUNTAIN ISLAND	10-2055	100-S2 5	*	(16)	14,584,120.65	4,887,017	12,030,563	359,508	2.47	33.5
	99 ISLANDS	05-2036	100-S2 5	*	(15)	12,905,168.02	9,277,285	5,563,658	386,328	2.99	14.4
	OXFORD	10-2055	100-S2 5	*	(7)	36,203,844.33	12,311,776	26,426,337	788,410	2.18	33.5
	RHODHISS	10-2055	100-S2 5	*	(13)	10,908,629.73	4,692,013	7,634,739	228,844	2.10	33.4
	WATEREE	10-2055	100-S2 5	*	(13)	15,019,295.50	9,114,588	7,857,216	238,373	1.59	33.0
	WYL E	10-2055	100-S2 5	*	(10)	29,701,234.32	9,182,787	23,488,571	700,521	2.36	33.5
	GREAT FALLS	10-2055	100-S2 5	*	(108)	2,869,197.00	4,223,215	1,744,715	53,517	1.87	32.6
	DEARBORN	10-2055	100-S2 5	*	(19)	2,394,278.61	1,130,190	1,719,002	51,657	2.16	33.3
	NPL BEAR CREEK	04-2041	100-S2 5	*	(8)	8,021,219.13	3,177,473	5,485,444	284,438	3.55	19.3
	NPL CEDAR CLIFF	04-2041	100-S2 5	*	(17)	5,593,886.94	2,336,648	4,208,200	218,169	3.90	19.3
	NPL NANTAHALA	01-2042	100-S2 5	*	(10)	16,018,307.69	11,090,876	6,529,262	328,067	2.05	19.9
	NPL QUEENS CREEK	02-2032	100-S2 5	*	(95)	763,263.69	1,131,205	357,159	35,124	4.60	10.2
	NPL TENNESSEE CREEK	04-2041	100-S2 5	*	(11)	12,191,332.96	4,924,097	8,608,283	446,534	3.66	19.3
	NPL THORPE	04-2041	100-S2 5	*	(36)	6,614,546.16	6,634,973	2,360,810	123,498	1.87	19.1
	NPL TUCKASEGEE	04-2041	100-S2 5	*	(55)	2,028,914.25	1,123,506	2,021,311	104,886	5.17	19.3
	SHARED DEPARTMENT PLANT	01-2042	100-S2 5	*	(25)	324,568.00	262,677	143,033	7,170	2.21	19.9
	TOTAL RESERVO RS, DAMS AND WATERWAYS					991,983,575.96	467,004,992	606,169,888	17,674,429	1.78	34.3
333.00	WATER WHEELS, TURBINES AND GENERATORS										
	COWANS FORD	10-2055	60-L2	*	(4)	68,487,087.07	12,757,912	58,468,659	1,930,626	2.82	30.3
	BAD CREEK	07-2067	60-L2	*	(9)	278,478,568.48	77,523,546	226,018,094	6,634,555	2.38	34.1
	JOCASSEE	08-2046	60-L2	*	(1)	71,420,107.14	25,499,982	46,634,326	2,112,877	2.96	22.1
	KEOWEE	08-2046	60-L2	*	(3)	173,934,216.98	27,665,672	151,486,571	6,364,436	3.66	23.8
	FISHING CREEK	10-2055	60-L2	*	(13)	22,401,991.61	9,355,205	15,959,046	593,694	2.65	26.9
	CEDAR CREEK	10-2055	60-L2	*	(14)	16,788,917.09	5,075,144	14,064,221	487,082	2.90	28.9
	BRIDGEWATER	10-2055	60-L2	*	(3)	20,780,376.11	4,616,850	16,786,937	550,930	2.65	30.5
	LOOKOUT SHOALS	10-2055	60-L2	*	(21)	10,652,140.62	4,481,903	8,407,187	309,636	2.91	27.2
	MOUNTAIN ISLAND	10-2055	60-L2	*	(16)	16,306,551.61	6,030,189	12,885,411	456,974	2.80	28.2
	99 ISLANDS	05-2036	60-L2	*	(15)	12,208,892.56	4,903,929	9,136,297	648,531	5.31	14.1
	OXFORD	10-2055	60-L2	*	(7)	18,494,760.61	4,728,261	15,061,133	507,622	2.74	29.7
	RHODHISS	10-2055	60-L2	*	(13)	17,378,790.35	4,616,338	15,021,695	502,493	2.89	29.9
	WATEREE	10-2055	60-L2	*	(13)	24,103,860.35	9,343,679	17,893,683	653,807	2.71	27.4
	WYL E	10-2055	60-L2	*	(10)	30,556,201.49	7,306,148	26,305,674	885,660	2.90	29.7
	GREAT FALLS	10-2055	60-L2	*	(108)	5,314,118.62	4,728,482	6,324,885	258,612	4.87	24.5
	DEARBORN	10-2055	60-L2	*	(19)	11,960,714.37	5,118,531	9,114,719	337,027	2.82	27.0
	NPL BEAR CREEK	04-2041	60-L2	*	(8)	6,310,104.72	1,118,634	5,696,279	299,552	4.75	19.0
	NPL CEDAR CLIFF	04-2041	60-L2	*	(17)	3,386,918.04	1,106,471	2,856,223	153,094	4.52	18.7
	NPL NANTAHALA	01-2042	60-L2	*	(10)	3,876,086.78	1,674,829	2,588,866	140,855	3.63	18.4
	NPL QUEENS CREEK	02-2032	60-L2	*	(95)	38,141.00	53,412	20,963	2,461	6.45	8.5
	NPL TENNESSEE CREEK	04-2041	60-L2	*	(11)	10,886,412.31	425,532	11,658,386	608,947	5.59	19.1
	NPL THORPE	04-2041	60-L2	*	(36)	420,632.00	374,589	197,471	14,939	3.55	13.2
	NPL TUCKASEGEE	04-2041	60-L2	*	(55)	250,398.87	160,308	227,810	13,473	5.38	16.9
	TOTAL WATER WHEELS, TURB NES AND GENERATORS					824,435,988.78	218,665,546	672,814,536	24,467,883	2.97	27.5

Spanos Exh bit 1
Docket No. E-7, Sub 1276
Page 61 of 64

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
334.00	ACCESSORY ELECTRIC EQUIPMENT										
	COWANS FORD	10-2055	60-S1	*	(4)	12,978,753.81	2,245,835	11,252,069	366,271	2.82	30.7
	BAD CREEK	07-2067	60-S1	*	(9)	57,868,265.94	24,213,312	38,863,098	1,245,596	2.15	31.2
	JOCASSEE	08-2046	60-S1	*	(1)	19,445,364.65	5,354,156	14,285,662	629,650	3.24	22.7
	KEOWEE	08-2046	60-S1	*	(3)	14,183,983.33	5,505,153	9,104,350	408,060	2.88	22.3
	FISHING CREEK	10-2055	60-S1	*	(13)	4,563,858.93	1,781,652	3,375,509	120,382	2.64	28.0
	CEDAR CREEK	10-2055	60-S1	*	(14)	3,751,304.71	1,337,531	2,938,956	101,969	2.72	28.8
	BRIDGEWATER	10-2055	60-S1	*	(3)	7,436,806.13	1,677,044	5,982,866	196,309	2.64	30.5
	LOOKOUT SHOALS	10-2055	60-S1	*	(21)	2,095,204.40	987,068	1,548,129	58,393	2.79	26.5
	MOUNTAIN ISLAND	10-2055	60-S1	*	(16)	3,154,895.06	1,029,429	2,630,249	91,642	2.90	28.7
	99 ISLANDS	05-2036	60-S1	*	(15)	820,636.75	336,075	607,657	45,005	5.48	13.5
	OXFORD	10-2055	60-S1	*	(7)	3,904,494.93	1,400,053	2,777,757	98,107	2.51	28.3
	RHODHISS	10-2055	60-S1	*	(13)	2,355,053.28	925,308	1,735,902	62,595	2.66	27.7
	WATEREE	10-2055	60-S1	*	(13)	5,322,021.57	1,793,155	4,220,729	145,594	2.74	29.0
	WYL E	10-2055	60-S1	*	(10)	3,962,982.85	1,532,759	2,826,522	102,617	2.59	27.5
	GREAT FALLS	10-2055	60-S1	*	(108)	888,922.26	813,093	1,035,865	56,352	6.34	18.4
	DEARBORN	10-2055	60-S1	*	(19)	3,858,305.99	1,657,667	2,933,717	105,290	2.73	27.9
	NPL BEAR CREEK	04-2041	60-S1	*	(8)	303,466.52	76,619	251,125	13,686	4.51	18.3
	NPL CEDAR CLIFF	04-2041	60-S1	*	(17)	372,635.70	76,193	359,791	19,273	5.17	18.7
	NPL NANTAHALA	01-2042	60-S1	*	(10)	2,870,040.50	819,742	2,337,303	121,283	4.23	19.3
	NPL QUEENS CREEK	02-2032	60-S1	*	(95)	183,285.31	219,700	137,706	14,244	7.77	9.7
	NPL TENNESSEE CREEK	04-2041	60-S1	*	(11)	3,157,079.90	184,891	3,319,468	174,371	5.52	19.0
	NPL THORPE	04-2041	60-S1	*	(36)	2,536,155.87	1,265,877	2,183,295	120,746	4.76	18.1
	NPL TUCKASEGEE	04-2041	60-S1	*	(55)	436,678.33	199,017	477,834	25,932	5.94	18.4
	TOTAL ACCESSORY ELECTRIC EQUIPMENT					156,450,196.72	55,431,329	115,185,559	4,323,367	2.76	26.6
335.00	MISCELLANEOUS POWER PLANT EQUIPMENT										
	COWANS FORD	10-2055	57-R2	*	(4)	2,251,209.43	546,925	1,794,333	59,361	2.64	30.2
	BAD CREEK	07-2067	57-R2	*	(9)	30,106,922.47	12,840,345	19,976,200	612,281	2.03	32.6
	JOCASSEE	08-2046	57-R2	*	(1)	4,473,232.68	1,751,779	2,766,186	124,874	2.79	22.2
	KEOWEE	08-2046	57-R2	*	(3)	2,801,734.81	663,957	2,221,830	96,361	3.44	23.1
	FISHING CREEK	10-2055	57-R2	*	(13)	337,031.26	120,493	260,352	8,831	2.62	29.5
	CEDAR CREEK	10-2055	57-R2	*	(14)	499,493.64	143,362	426,061	14,075	2.82	30.3
	BRIDGEWATER	10-2055	57-R2	*	(3)	7,365,600.61	1,848,004	5,738,565	187,067	2.54	30.7
	LOOKOUT SHOALS	10-2055	57-R2	*	(21)	452,187.41	188,603	358,544	12,340	2.73	29.1
	MOUNTAIN ISLAND	10-2055	57-R2	*	(16)	502,664.36	198,744	384,347	13,208	2.63	29.1
	99 ISLANDS	05-2036	57-R2	*	(15)	510,703.13	246,018	341,291	24,429	4.78	14.0
	OXFORD	10-2055	57-R2	*	(7)	678,188.70	213,448	512,214	17,196	2.54	29.8
	RHODHISS	10-2055	57-R2	*	(13)	498,905.16	202,607	361,156	12,492	2.50	28.9
	WATEREE	10-2055	57-R2	*	(13)	637,406.82	182,462	537,808	17,804	2.79	30.2
	WYL E	10-2055	57-R2	*	(10)	863,410.75	195,710	754,042	24,639	2.85	30.6
	GREAT FALLS	10-2055	57-R2	*	(108)	402,575.72	188,084	649,273	21,326	5.30	30.4
	DEARBORN	10-2055	57-R2	*	(19)	456,205.35	131,562	411,322	13,663	2.99	30.1
	NPL BEAR CREEK	04-2041	57-R2	*	(8)	165,737.31	59,249	119,747	6,454	3.89	18.6
	NPL CEDAR CLIFF	04-2041	57-R2	*	(17)	124,235.96	47,770	97,586	5,260	4.23	18.6
	NPL NANTAHALA	01-2042	57-R2	*	(10)	1,215,354.50	397,961	938,929	48,745	4.01	19.3
	NPL QUEENS CREEK	02-2032	57-R2	*	(95)	206,671.03	263,608	139,401	14,108	6.83	9.9
	NPL TENNESSEE CREEK	04-2041	57-R2	*	(11)	224,995.69	85,505	164,240	8,859	3.94	18.5
	NPL THORPE	04-2041	57-R2	*	(36)	1,257,022.09	354,600	1,354,950	72,362	5.76	18.7
	NPL TUCKASEGEE	04-2041	57-R2	*	(55)	98,007.72	47,390	104,522	5,626	5.74	18.6
	SHARED DEPARTMENT PLANT	01-2042	57-R2	*	(5)	925,758.82	414,217	557,830	29,532	3.19	18.9
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT					57,055,255.42	21,332,403	40,970,729	1,450,893	2.54	28.2

Spanos Exh bit 1
Docket No. E-7, Sub 1276
Page 62 of 64

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
336.00	ROADS, RA LROADS, AND BRIDGES										
	COWANS FORD	10-2055	75-R4	*	(4)	2,240,415.70	861,455	1,468,577	45,290	2.02	32.4
	BAD CREEK	07-2067	75-R4	*	(9)	18,888,977.85	9,770,014	10,818,972	271,333	1.44	39.9
	JOCASSEE	08-2046	75-R4	*	(1)	415,508.00	331,112	88,551	4,169	1.00	21.2
	DEARBORN	10-2055	75-R4	*	(19)	633,636.00	447,282	306,745	9,917	1.57	30.9
	NPL BEAR CREEK	04-2041	75-R4	*	(8)	52,776.00	53,844	3,154	241	0.46	13.1
	NPL CEDAR CLIFF	04-2041	75-R4	*	(17)	129,738.00	111,554	40,239	2,158	1.66	18.6
	NPL NANTAHALA	01-2042	75-R4	*	(10)	239,971.28	211,312	52,656	2,707	1.13	19.5
	NPL QUEENS CREEK	02-2032	75-R4	*	(95)	2,830.00	5,518	0	0	-	-
	NPL TENNESSEE CREEK	04-2041	75-R4	*	(11)	72,590.00	75,717	4,858	364	0.50	13.3
	NPL THORPE	04-2041	75-R4	*	(36)	46,024.00	54,505	8,088	422	0.92	19.2
	NPL TUCKASEGEE	04-2041	75-R4	*	(55)	8,678.00	13,055	396	34	0.39	11.6
	SHARED DEPARTMENT PLANT	01-2042	75-R4	*	0	84,399.00	84,399	0	0	-	-
	TOTAL ROADS, RAILROADS, AND BRIDGES					22,815,543.83	12,019,767	12,792,236	336,635	1.48	38.0
	TOTAL HYDRAULIC PRODUCTION PLANT					**2,508,338,880.87**	**963,937,421**	**1,750,828,115**	**57,821,777**	**2.31**	
	OTHER PRODUCTION PLANT										
341.00	STRUCTURES AND MPROVEMENTS										
	L NCOLN CTS	12-2040	55-R3	*	(9)	28,785,281.83	15,461,456	15,914,501	906,240	3.15	17.6
	DAN RIVER COMBINED CYCLE	06-2052	55-R3	*	(12)	149,165,212.59	33,588,185	133,476,853	4,624,152	3.10	28.9
	LEE CTS	06-2047	55-R3	*	(11)	1,389,211.84	178,164	1,363,861	54,640	3.93	25.0
	MILL CREEK CTS	06-2043	55-R3	*	(8)	29,986,169.07	13,117,936	19,267,127	949,559	3.17	20.3
	ROCK NGHAM CTS	06-2040	55-R3	*	(4)	3,432,572.96	818,928	2,750,948	151,026	4.40	18.2
	BUCK COMBINED CYCLE	06-2051	55-R3	*	(11)	155,526,328.55	35,985,231	136,648,994	4,858,707	3.12	28.1
	LEE COMB NED CYCLE	06-2058	55-R3	*	(12)	141,116,368.56	14,364,649	143,685,684	4,207,946	2.98	34.1
	CLEMSON COMB NE HEAT AND POWER PLANT	12-2059	55-R3	*	(13)	8,605,538.93	534,881	9,189,378	253,635	2.95	36.2
	LARK MAINTENANCE FACILITY	12-2059	55-R3	*	(5)	29 706 060.44	4 159 413	27 031 950	774 622	2.61	34.9
	TOTAL STRUCTURES AND IMPROVEMENTS					547,712,744.77	118,208,843	489,329,296	16,780,527	3.06	29.2
341.66	STRUCTURES AND MPROVEMENTS - SOLAR										
	MOCKSV LLE	06-2046	40-S2.5	*	(11)	101,358.46	12,507	100,001	4,248	4.19	23.5
	MONROE	06-2047	40-S2.5	*	(14)	2,711,075.87	333,829	2,756,797	113,169	4.17	24.4
	GASTON	06-2050	40-S2.5	*	(12)	419,744.32	16,928	453,186	16,564	3.95	27.4
	MA DEN CREEK	06-2051	40-S2.5	*	(17)	4 698 133.36	65 987	5 430 829	191 496	4.08	28.4
	TOTAL STRUCTURES AND IMPROVEMENTS - SOLAR					7,930,312.01	429,251	8,740,813	325,477	4.10	26.9
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSOR ES										
	L NCOLN CTS	12-2040	50-R2.5	*	(9)	12,968,503.88	9,307,903	4,827,766	284,676	2.20	17.0
	DAN RIVER COMBINED CYCLE	06-2052	50-R2.5	*	(12)	21,771,640.02	6,390,989	17,993,248	640,563	2.94	28.1
	LEE CTS	06-2047	50-R2.5	*	(11)	177,613.33	20,351	176,800	7,197	4.05	24.6
	MILL CREEK CTS	06-2043	50-R2.5	*	(8)	15,154,441.19	8,986,267	7,380,529	375,982	2.48	19.6
	ROCK NGHAM CTS	06-2040	50-R2.5	*	(4)	426,120.24	137,154	306,011	17,046	4.00	18.0
	BUCK COMBINED CYCLE	06-2051	50-R2.5	*	(11)	30,439,399.77	10,245,519	23,542,215	868,927	2.85	27.1
	LEE COMB NED CYCLE	06-2058	50-R2.5	*	(12)	16,546,971.65	1,946,190	16,586,418	493,320	2.98	33.6
	CLEMSON COMB NE HEAT AND POWER PLANT	12-2059	50-R2.5	*	(13)	1 223 118.39	103 126	1 278 998	36 606	2.99	34.9
	TOTAL FUEL HOLDERS, PRODUCERS AND ACCESSORIES					98,707,808.47	37,137,499	72,091,985	2,724,317	2.76	26.5

Spanos Exh bit 1
Docket No. E-7, Sub 1276
Page 63 of 64

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
343.00	PR ME MOVERS										
	L NCOLN CTS	12-2040	40-R1.5	*	(9)	257,522,092.99	202,549,282	78,149,799	4,994,883	1.94	15.6
	DAN RIVER COMBINED CYCLE	06-2052	40-R1.5	*	(12)	160,795,156.81	53,671,483	126,419,093	4,974,934	3.09	25.4
	LEE CTS	06-2047	40-R1.5	*	(11)	57,929,944.79	29,687,704	34,614,535	1,624,313	2.80	21.3
	MILL CREEK CTS	06-2043	40-R1.5	*	(8)	184,343,824.55	123,931,520	75,159,811	4,215,772	2.29	17.8
	ROCK NGHAM CTS	06-2040	40-R1.5	*	(4)	93,721,063.65	24,835,004	72,634,902	4,214,259	4.50	17.2
	BUCK COMBINED CYCLE	06-2051	40-R1.5	*	(11)	160,808,479.70	58,381,320	120,116,092	4,885,731	3.04	24.6
	LEE COMB NED CYCLE	06-2058	40-R1.5	*	(12)	125,760,508.54	16,735,750	124,116,020	4,113,514	3.27	30.2
	CLEMSON COMB NE HEAT AND POWER PLANT	12-2059	40-R1.5	*	(13)	12,233,142.17	1,174,009	12,649,442	404,497	3.31	31.3
	TOTAL PRIME MOVERS					1,053,114,213.20	510,966,072	643,859,694	29,427,903	2.79	21.9
343.10	PR ME MOVERS - ROTABLE PARTS										
	DAN RIVER COMBINED CYCLE	06-2052	6-L4	*	40	45,680,461.11	8,195,685	19,212,592	7,536,781	16.50	2.5
	BUCK COMBINED CYCLE	06-2051	6-L4	*	40	42,161,013.52	7,143,141	18,153,467	6,558,741	15.56	2.8
	LEE COMB NED CYCLE	06-2058	6-L4	*	40	43,400,555.46	8,645,654	17,394,679	6,677,352	15.39	2.6
	CLEMSON COMB NED HEAT AND POWER PLANT	12-2059	6-L4	*	40	717,644.23	105,016	325,571	92,755	12.92	3.5
	TOTAL PRIME MOVERS - ROTABLE PARTS					131,959,674.32	24,089,496	55,086,309	20,865,629	15.81	2.6
344.00	GENERATORS										
	L NCOLN CTS	12-2040	50-R2.5	*	(9)	78,436,794.27	49,286,278	36,209,828	2,149,369	2.74	16.8
	DAN RIVER COMBINED CYCLE	06-2052	50-R2.5	*	(12)	238,495,959.86	64,911,277	202,204,198	7,231,383	3.03	28.0
	LEE CTS	06-2047	50-R2.5	*	(11)	64,368.81	16,372	55,077	2,280	3.54	24.2
	MILL CREEK CTS	06-2043	50-R2.5	*	(8)	1,054,904.05	197,724	941,572	45,231	4.29	20.8
	ON-SITE D ESEL GENERATORS	06-2028	50-R2.5	*	0	24,882,742.61	10,760,568	14,122,175	2,187,749	8.79	6.5
	ROCK NGHAM CTS	06-2040	50-R2.5	*	(4)	220,840,811.69	122,428,609	107,245,835	6,307,780	2.86	17.0
	BUCK COMBINED CYCLE	06-2051	50-R2.5	*	(11)	231,370,373.00	68,711,516	188,109,598	6,957,747	3.01	27.0
	LEE COMB NED CYCLE	06-2058	50-R2.5	*	(12)	214,214,900.89	21,631,396	218,289,293	6,492,644	3.03	33.6
	CLEMSON COMB NED HEAT AND POWER PLANT	12-2059	50-R2.5	*	(13)	857,083.53	59,828	908,676	25,993	3.03	35.0
	TOTAL GENERATORS					1,010,217,938.71	338,003,568	768,086,252	31,400,176	3.11	24.5
344.66	GENERATORS - SOLAR										
	COMMUNITY - SMALL		20-S2.5		0	28,057,290.48	15,141,142	12,916,148	1,370,248	4.88	9.4
	MOCKSV LLE	06-2046	25-S2.5	*	(11)	29,394,130.26	7,596,748	25,030,737	1,350,067	4.59	18.5
	MONROE	06-2047	25-S2.5	*	(14)	91,561,245.87	19,909,175	84,470,645	4,324,971	4.72	19.5
	WOODLEAF	06-2048	25-S2.5	*	(12)	13,905,690.52	2,316,184	13,258,189	646,109	4.65	20.5
	GASTON	06-2050	25-S2.5	*	(12)	33,742,748.79	2,408,869	35,383,010	1,571,182	4.66	22.5
	MA DEN CREEK	06-2051	25-S2.5	*	(17)	75,170,133.59	1,868,934	86,080,122	3,659,869	4.87	23.5
	TOTAL GENERATORS - SOLAR					271,831,239.51	49,241,052	257,138,851	12,922,446	4.75	19.9
345.00	ACCESSORY ELECTRIC EQUIPMENT										
	L NCOLN CTS	12-2040	45-R1.5	*	(9)	26,803,108.36	21,000,419	8,214,969	498,948	1.86	16.5
	DAN RIVER COMBINED CYCLE	06-2052	45-R1.5	*	(12)	48,409,540.30	16,588,259	37,630,426	1,429,549	2.95	26.3
	LEE CTS	06-2047	45-R1.5	*	(11)	1,467,539.85	232,452	1,396,517	59,662	4.07	23.4
	MILL CREEK CTS	06-2043	45-R1.5	*	(8)	17,535,996.82	10,389,010	8,549,867	448,398	2.56	19.1
	ROCK NGHAM CTS	06-2040	45-R1.5	*	(4)	2,095,877.31	925,773	1,253,939	72,816	3.47	17.2
	BUCK COMBINED CYCLE	06-2051	45-R1.5	*	(11)	48,520,138.14	18,302,811	35,554,542	1,395,620	2.88	25.5
	LEE COMB NED CYCLE	06-2058	45-R1.5	*	(12)	37,322,855.60	4,958,697	36,842,901	1,175,587	3.15	31.3
	CLEMSON COMB NED HEAT AND POWER PLANT	12-2059	45-R1.5	*	(13)	4,220,737.38	399,329	4,370,104	134,413	3.18	32.5
	TOTAL ACCESSORY ELECTRIC EQUIPMENT					186,375,793.76	72,796,750	133,813,265	5,214,993	2.80	25.7

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR										
	COMMUNITY - SMALL		20-S2.5		0	988,895.09	365,264	623,631	57,824	5.85	10.8
	MOCKSV LLE	06-2046	25-S2.5	*	(11)	2,281,560.00	463,277	2,069,255	111,610	4.89	18.5
	MONROE	06-2047	25-S2.5	*	(14)	12,869,692.16	2,199,058	12,472,391	638,627	4.96	19.5
	GASTON	06-2050	25-S2.5	*	(12)	4,608,876.97	258,481	4,903,461	217,738	4.72	22.5
	MA DEN CREEK	06-2051	25-S2.5	*	(17)	6,577,386.69	128,471	7,567,071	321,729	4.89	23.5
	TOTAL ACCESSORY ELECTRIC EQUIPMENT - SOLAR					27,326,410.91	3,414,551	27,635,809	1,347,528	4.93	20.5
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT										
	L NCOLN CTS	12-2040	40-R2	*	(9)	5,795,202.14	1,993,305	4,323,465	253,019	4.37	17.1
	DAN RIVER COMBINED CYCLE	06-2052	40-R2	*	(12)	9,431,237.99	2,065,966	8,497,021	326,513	3.46	26.0
	LEE CTS	06-2047	40-R2	*	(11)	1,021,167.95	156,502	976,994	41,929	4.11	23.3
	MILL CREEK CTS	06-2043	40-R2	*	(8)	3,716,236.31	1,505,574	2,507,961	135,168	3.64	18.6
	ROCK NGHAM CTS	06-2040	40-R2	*	(4)	1,653,414.18	479,820	1,239,731	72,011	4.36	17.2
	BUCK COMBINED CYCLE	06-2051	40-R2	*	(11)	12,646,704.57	2,768,731	11,269,111	443,670	3.51	25.4
	LEE COMB NED CYCLE	06-2058	40-R2	*	(12)	6,591,238.29	610,093	6,772,094	219,142	3.32	30.9
	CLEMSON COMB NED HEAT AND POWER PLANT	12-2059	40-R2	*	(13)	2,217,373.33	154,790	2,350,842	73,439	3.31	32.0
	LARK MAINTENANCE FACILITY	12-2059	40-R2	*	(5)	14,397,254.22	1,336,248	13,780,869	437,502	3.04	31.5
	SHARED DEPARTMENT PLANT	12-2059	40-R2	*	(5)	79,121.31	12,346	70,731	2,327	2.94	30.4
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT					57,548,950.29	11,083,375	51,788,819	2,004,720	3.48	25.8
346.66	MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR										
	MOCKSV LLE	06-2046	35-R2.5	*	(11)	16,512.10	577	17,751	770	4.66	23.1
	MONROE	06-2047	35-R2.5	*	(14)	269,581.78	24,788	282,535	11,923	4.42	23.7
	WOODLEAF	06-2048	35-R2.5	*	(12)	4,928.26	164	5,356	217	4.40	24.7
	MA DEN CREEK	06-2051	35-R2.5	*	(17)	11,626.35	361	13,242	493	4.24	26.9
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT - SOLAR					302,648.49	25,890	318,884	13,403	4.43	23.8
	TOTAL OTHER PRODUCTION PLANT					**3,393,027,734.44**	**1,165,396,347**	**2,507,889,977**	**123,027,119**	**3.63**	
	TOTAL PRODUCTION					**23,586,652,397.56**	**10,002,841,170**	**15,114,484,072**	**916,369,750**	**3.89**	
	TRANSMISSION PLANT										
352.00	STRUCTURES AND MPROVEMENTS		43-R2		(10)	189,425,365.57	17,119,876	191,248,026	5,360,600	2.83	35.7
353.00	STATION EQU PMENT		45-R1.5		(15)	2,307,608,515.50	596,629,900	2,057,119,893	58,994,987	2.56	34.9
354.00	TOWERS AND FIXTURES		70-R2.5		(40)	651,521,544.12	327,356,686	584,773,476	11,347,782	1.74	51.5
355.00	POLES AND FIXTURES		48-R1		(40)	662,736,804.83	133,790,128	794,041,399	19,534,549	2.95	40.6
356.00	OVERHEAD CONDUCTORS AND DEVICES		60-R2.5		(40)	944,879,898.86	374,867,240	947,964,618	20,227,497	2.14	46.9
357.00	UNDERGROUND CONDUIT		55-S4		0	154,590.42	90,840	63,750	1,981	1.28	32.2
358.00	UNDERGROUND CONDUCTOR AND DEVICES		40-S2		0	12,171,599.33	(1,819,362)	13,990,961	377,688	3.10	37.0
359.00	ROADS AND TRA LS		65-R4		0	42,238.00	19,939	22,299	612	1.45	36.4
	TOTAL TRANSMISSION PLANT					**4,768,540,556.63**	**1,448,055,247**	**4,589,224,422**	**115,845,696**	**2.43**	
	DISTRIBUTION PLANT										
361.00	STRUCTURES AND MPROVEMENTS		45-S0.5		(10)	178,576,484.84	21,563,467	174,870,666	4,610,396	2.58	37.9
362.00	STATION EQU PMENT		45-R1		(15)	1,705,256,083.30	578,861,414	1,382,183,082	37,353,307	2.19	37.0
364.00	POLES, TOWERS AND FIXTURES		52-R2		(50)	1,840,292,393.01	859,121,749	1,901,316,841	50,840,906	2.76	37.4
364.10	POLES, TOWERS AND FIXTURES - STORM SECURITIZATION		FULLY ACCRUED			6,687,318.00	6,687,318	0	0	-	-
365.00	OVERHEAD CONDUCTORS AND DEVICES		52-R0.5		(30)	2,672,397,506.07	843,861,451	2,630,255,307	59,736,924	2.24	44.0
365.10	OVERHEAD CONDUCTORS AND DEVICES - STORM SECURITIZATION		FULLY ACCRUED			6,179,207.00	6,179,207	0	0	-	-

Spanos Exh bit 1
Docket No. E-7, Sub 1276
Page 65 of 64
Sep 22 2023
OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
366.00	UNDERGROUND CONDUIT		65-R3	(20)	269,930,643.42	126,940,065	196,976,707	3,961,232	1.47	49.7
367.00	UNDERGROUND CONDUCTORS AND DEVICES		54-R3	(20)	2,592,327,368.78	904,892,035	2,205,900,808	53,838,888	2.08	41.0
368.00	LINE TRANSFORMERS		45-R1.5	(15)	1,837,487,386.41	689,085,795	1,424,024,699	42,950,247	2.34	33.2
368.10	LINE TRANSFORMERS - STORM SECURITIZATON		FULLY ACCRUED		4,855,160.00	4,855,160	0	0	-	-
369.00	SERVICES		55-R1.5	(25)	1,273,824,829.52	633,947,467	958,333,570	21,272,013	1.67	45.1
370.00	METERS AND METERING EQUIPMENT		13-L0	0	113,584,604.63	70,640,944	42,943,661	6,813,178	6.00	6.3
370.02	METERS - UTILITY OF THE FUTURE		15-S2.5	0	475,170,483.33	137,434,853	337,735,630	29,585,455	6.23	11.4
371.00	NSTALLATIONS ON CUSTOMERS' PREMISES		35-R1	(5)	1,063,691,891.11	289,452,962	827,423,524	30,739,949	2.89	26.9
373.00	STREET LIGHT NG AND SIGNAL SYSTEMS		36-R0.5	(10)	357,015,452.65	94,732,839	297,984,159	10,061,953	2.82	29.6
	TOTAL DISTRIBUTION PLANT				**14,397,276,812.07**	**5,268,256,726**	**12,379,948,654**	**351,764,448**	**2.44**	
	GENERAL PLANT									
390.00	STRUCTURES AND MPROVEMENTS		40-S0.5	(10)	733,020,114.59	191,602,575	614,719,551	19,940,975	2.72	30.8
391.00	OFFICE FURNITURE AND EQUIPMENT									
	FULLY ACCRUED				990,281.00	990,281	0	0	-	-
	AMORTIZTED		15-SQ	0	65 102 205.27	19 376 390	45 725 815	4 340 147	6.67	10.5
	TOTAL OFFICE FURNITURE AND EQU PMENT				66,092,486.27	20,366,671	45,725,815	4,340,147	6.57	10.5
391.10	OFFICE FURNITURE AND EQUIPMENT - EDP		8-SQ	0	110,038,171.17	49,853,815	60,184,356	13,754,006	12.50	4.4
	TRANSPORTATION EQU PMENT									
392.10	PASSENGER CARS AND STATION WAGONS		5-S2 5	10	60,171.57	54,154	0	0	-	-
392.11	LIGHT TRUCKS		6-L3	10	2,226,721.16	2,004,049	0	0	-	-
392.12	MEDIUM TRUCKS		8-L2	10	587,271.36	393,933	134,611	24,344	4.15	5.5
392.13	HEAVY TRUCKS		10-L2	10	1,387,718.84	1,248,947	0	0	-	-
392.15	HEAVY TRUCKS / POWER EQUIPPED		10-L2	10	2,379,104.11	2,141,194	0	0	-	-
392.16	TRACTORS		13-L3	10	65,897.00	59,307	0	0	-	-
392.18	TRAILERS		16-L0 5	10	8 825 717.60	3 378 106	4 565 040	322 109	3.65	14.2
	TOTAL TRANSPORTATION EQUIPMENT				15,532,601.64	9,279,690	4,699,651	346,453	2.23	13.6
393.00	STORES EQU PMENT									
	FULLY ACCRUED				1,082,455.00	1,082,455	0	0	-	-
	AMORTIZTED		20-SQ	0	14 999 971.69	3 357 515	11 642 457	749 336	5.00	15.5
	TOTAL STORES EQUIPMENT				16,082,426.69	4,439,970	11,642,457	749,336	4.66	15.5
394.00	TOOLS,SHOP AND GARAGE EQUIPMENT									
	FULLY ACCRUED				1,168,696.00	1,168,696	0	0	-	-
	AMORTIZTED		20-SQ	0	127 624 761.14	35 836 360	91 788 401	6 382 334	5.00	14.4
	TOTAL TOOLS, SHOP AND GARAGE EQUIPMENT				128,793,457.14	37,005,056	91,788,401	6,382,334	4.96	14.4
395.00	LABORATORY EQU PMENT		15-SQ	0	2,813,355.73	1,344,140	1,469,216	187,668	6.67	7.8
	POWER OPERATED EQU PMENT									
396.04	MOBILE CRANES		19-S1.5	10	2,021,360.07	1,237,278	581,946	31,960	1.58	18.2
396.07	MISCELLANEOUS NON-HIGHWAY EQUIPMENT		13-L2 5	10	2,407,208.51	1,008,794	1,157,694	99,729	4.14	11.6
396.09	MISCELLANEOUS EQUIPMENT		13-L2 5	10	14 611 553.60	10 619 436	2 530 962	218 343	1.49	11.6
	TOTAL POWER OPERATED EQUIPMENT				19,040,122.18	12,865,508	4,270,602	350,032	1.84	12.2

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
397.00	COMMUNICATION EQU PMENT										
	FULLY ACCRUED					162,306.69	162,307	0	0	-	-
	AMORTIZTED		10-SQ		0	254,854,594.30	73,604,050	181,250,544	25,492,774	10.00	7.1
	TOTAL COMMUNICATION EQUIPMENT					255,016,900.99	73,766,357	181,250,544	25,492,774	10.00	7.1
398.00	MISCELLANEOUS EQU PMENT		20-SQ		0	15,146,583.14	3,729,200	11,417,383	757,844	5.00	15.1
	TOTAL GENERAL PLANT					**1,361,576,219.54**	**404,252,982**	**1,027,167,976**	**72,301,569**	**5.31**	
	DEPRECIABLE LAND RIGHTS										
310.00	RIGHTS OF WAY										
	MARSHALL	12-2032	100-R4	*	0	452,636.00	452,636	0	0	-	-
	BELEWS CREEK	12-2035	100-R4	*	0	1,543,811.00	1,547,854	(4,043)	0	-	-
	LEE	12-2030	100-R4	*	0	3,106.00	3,106	0	0	-	-
	ALLEN	12-2023	100-R4	*	0	4,303.00	4,303	0	0	-	-
	TOTAL ACCOUNT 310					2,003,856.00	2,007,899	(4,043)	0	-	-
320.00	RIGHTS OF WAY										
	OCONEE	07-2054	100-R4	*	0	425,003.00	348,441	76,562	2,544	0.60	30.1
	MCGUIRE	03-2063	100-R4	*	0	74,882.00	49,041	25,841	663	0.89	39.0
	CATAWBA	12-2063	100-R4	*	0	456,656.68	264,750	191,907	4,748	1.04	40.4
	TOTAL ACCOUNT 320					956,541.68	662,232	294,310	7,955	0.83	37.0
330.00	RIGHTS OF WAY										
	COWANS FORD	10-2055	110-R4	*	0	6,881,547.00	5,451,053	1,430,494	45,211	0.66	31.6
	BAD CREEK	07-2067	110-R4	*	0	723,692.00	362,929	360,763	8,105	1.12	44.5
	JOCASSEE	08-2046	110-R4	*	0	436,179.00	350,311	85,868	3,548	0.81	24.2
	KEOWEE	08-2046	110-R4	*	0	12,071,075.00	10,079,922	1,991,153	82,861	0.69	24.0
	FISHING CREEK	10-2055	110-R4	*	0	35,796.00	35,796	0	0	-	-
	BRIDGEWATER	10-2055	110-R4	*	0	393,705.00	393,705	0	0	-	-
	LOOKOUT SHOALS	10-2055	110-R4	*	0	7,426.00	7,426	0	0	-	-
	MOUNTAIN ISLAND	10-2055	110-R4	*	0	323,913.00	323,301	612	18	0.01	34.0
	99 ISLANDS	05-2036	110-R4	*	0	17,102.00	17,102	0	0	-	-
	OXFORD	10-2055	110-R4	*	0	695,790.00	680,788	15,002	657	0.09	22.8
	RHODHISS	10-2055	110-R4	*	0	199,929.00	198,870	1,059	49	0.02	21.6
	WATEREE	10-2055	110-R4	*	0	204,111.00	204,111	0	0	-	-
	WYL E	10-2055	110-R4	*	0	1,189,441.24	1,178,412	11,029	358	0.03	30.8
	NPL BEAR CREEK	04-2041	110-R4	*	0	435.00	424	11	0	-	-
	NPL NANTAHALA	01-2042	110-R4	*	0	80,304.00	80,304	0	0	-	-
	NPL QUEENS CREEK	02-2032	110-R4	*	0	5,782.00	5,782	0	0	-	-
	NPL TENNESSEE CREEK	04-2041	110-R4	*	0	711.00	696	15	1	0.14	15.0
	NPL THORPE	04-2041	110-R4	*	0	47,127.00	47,127	0	0	-	-
	NPL TUCKASEGEE	04-2041	110-R4	*	0	1 518.00	1 518	0	0	-	-
	TOTAL ACCOUNT 330					23,315,583.24	19,419,577	3,896,006	140,808	0.60	27.7
340.00	RIGHTS OF WAY										
	DAN RIVER	06-2052	65-R4	*	0	7 693.00	4 126	3 567	323	4.20	11.0
	TOTAL ACCOUNT 340					7,693.00	4,126	3,567	323	4.20	11.0

Spanos Exh bit 1
Docket No. E-7, Sub 1276
Page 67 of 644

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT		CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)=(8)/(5)	(10)=(7)/(8)
350.00	RIGHTS OF WAY		80-R4	0	163,883,263.74	82,968,907	80,914,357	1,665,627		1.02	48.6
360.00	RIGHTS OF WAY		80-R3	0	9,328,937.43	1,988,129	7,340,808	116,031		1.24	63.3
360 20	LAND RIGHTS		80-R3	0	561,560.00	315,443	246,117	6,879		1.22	35.8
389.00	RIGHTS OF WAY		65-R3	0	550,127.03	255,293	294,834	7,198		1.31	41.0
389 20	LAND RIGHTS		65-R3	0	165.00	82	83	2		1.21	41.5
	TOTAL DEPRECIABLE LAND RIGHTS				**200,607,727.12**	**107,621,688**	**92,986,039**	**1,944,823**		**0.97**	
	RESERVE ADJUSTMENT FOR AMORTIZATION										
391.00	OFFICE FURNITURE AND EQUIPMENT					6,102,422		(1,220,484)	***		
391.10	OFFICE FURNITURE AND EQUIPMENT - EDP					11,798,132		(2,359,626)	***		
393.00	STORES EQU PMENT					1,981,666		(396,333)	***		
394.00	TOOLS,SHOP AND GARAGE EQUIPMENT					11,548,499		(2,309,700)	***		
395.00	LABORATORY EQU PMENT					1,078,366		(215,673)	***		
397.00	COMMUNICATION EQU PMENT					23,424,173		(4,684,835)	***		
398.00	MISCELLANEOUS EQU PMENT					(575 929)		115 186	***		
	TOTAL RESERVE ADJUSTMENT FOR AMORTIZATION					**55,357,329**		**(11,071,465)**			
	TOTAL DEPRECIABLE PLANT				**44,314,653,712.92**	**17,286,385,142**	**33,203,811,163**	**1,447,154,821**		**3.27**	
	NONDEPRECIABLE PLANT AND ACCOUNTS NOT STUDIED										
302.00	FRANCHISES AND CONSENTS				227,565,131.14	28,406,305					
302.01	NPL FEASIB LITY					7,141,104					
303.00	MISCELLANEOUS INTANGIBLE PLANT				759,270,855.43	659,642,804					
303.02	NUCLEAR LICENS NG				23,189,486.92						
303.03	MISCELLANEOUS INTANGIBLE PLANT - 3 YEAR				5,696,947.99	2,553,925					
303.10	MISCELLANEOUS INTANGIBLE PLANT - 10 YEAR				83,179,232.74	35,473,530					
303.15	MISCELLANEOUS INTANGIBLE PLANT - 15 YEAR				107,275,313.08	4,766,581					
310.00	LAND				30,190,717.37	(58,298)					
311.01	STRUCTURES AND IMPROVEMENTS - CAPITAL LEASE				247,966,243.72	31,872,911					
312.01	BOILER PLANT EQUIPMENT - OPERATING LEASE				48,960,278.00	17,646,410					
317.00	ARO				2,065,695,352.01	587,376,546					
320.00	LAND				2,084,901.52						
326.00	ARO				(251,515,769.00)	(120,161,386)					
330.00	LAND				29,429,357.01	(328,912)					
340.00	LAND				9,254,621.56						
342.02	FUEL HOLDERS, PRODUCERS AND ACCESSOR ES - CAPITAL LEASE				86,697,396.14	14,841,864					
347.00	ARO				22,158,763.84	3,068,432					
350.00	LAND				40,032,550.61	(849,949)					
352.00	STRUCTURES AND MPROVEMENTS - OPERATING LEASE					346,857					
360.00	LAND				73,735,941.39	(251,940)					
389.00	LAND				62,322,523.93	(1,558)					
389.00	LAND - OPERAT NG LEASE					671,899					
390.00	STRUCTURES AND MPROVEMENTS - OPERATING LEASE					36,574,005					
399.00	ARO				(931 335.11)	38 931					
	TOTAL NONDEPRECIABLE PLANT				**3,672,258,510.29**	**1,308,770,061**					

Spanos Exh bit 1
Docket No. E-7, Sub 1276
Page 68 of 644

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
	ACCOUNTS NOT STUDIED									
352 99	STRUCTURES AND MPROVEMENTS - IMPA RMENT				(2,720,671.88)					
353 99	STATION EQU PMENT - MPAIRMENT				(5,526,364.55)					
354 99	TOWERS AND FIXTURES - IMPA RMENT				(85,021.04)					
355 99	POLES AND FIXTURES - IMPAIRMENT				(85,020.96)					
356 99	OVERHEAD CONDUCTORS AND DEVICES - IMPAIRMENT				(85,021.01)					
	TOTAL ACCOUNTS NOT STUDIED				**(8,502,099.44)**					
	TOTAL ELECTRIC PLANT				**47,978,410,123.77**	**18,595,155,203**				

* Curve shown is interim survivor curve. Each facility in the account is assigned an individual probable retirement year.
** Annual Accrual Amount calculated based on remaining amortization period of 11 58 years (August 2033 which is 15 years from implementation).
*** 5 year Amortization of Adjusted Reserve related to implementation of Amortization Accounting.

Note: Assets in Account 390.10 (Structures and Improvements - Duke Energy Plaza) will use an Accrual Rate of 1 85% based on a 100-S1 Survivor Curve, negative 5% Net Salvage and a 60-year Lifespan.

Accrual rates for Lincoln Unit 17 to be acquired based on a existing Account/ Location life estimates and negative 5% net salvage will be as follows:

Account	Rate
341.00	4.03
342.00	4.15
343.00	4 52
344.00	4.15
345.00	4 38
346.00	4.45

Accrual rates for new Battery Storage Assets based on a 15-L3 survivor curve and 0% net salvage will be as follows:

Account	Rate
348.00	6 90
351.00	6 90
363.00	6 90

Accrual rates for new EV Charging Assets based on a 10-S3 survivor curve and negative 2% net salvage will be as follows:

Account	Rate
370.70	10.74
394.70	10.74

Accrual rates for new EV Charging Level 2 Assets based on a 10-S4 survivor curve and negative 1% net salvage will be as follows:

Account	Rate
371.70	10.63
394.72	10.63

Spanos Exh bit 1
Docket No. E-7, Sub 1276
Page 69 of 644
Sep 22 2023
OFFICIAL COPY

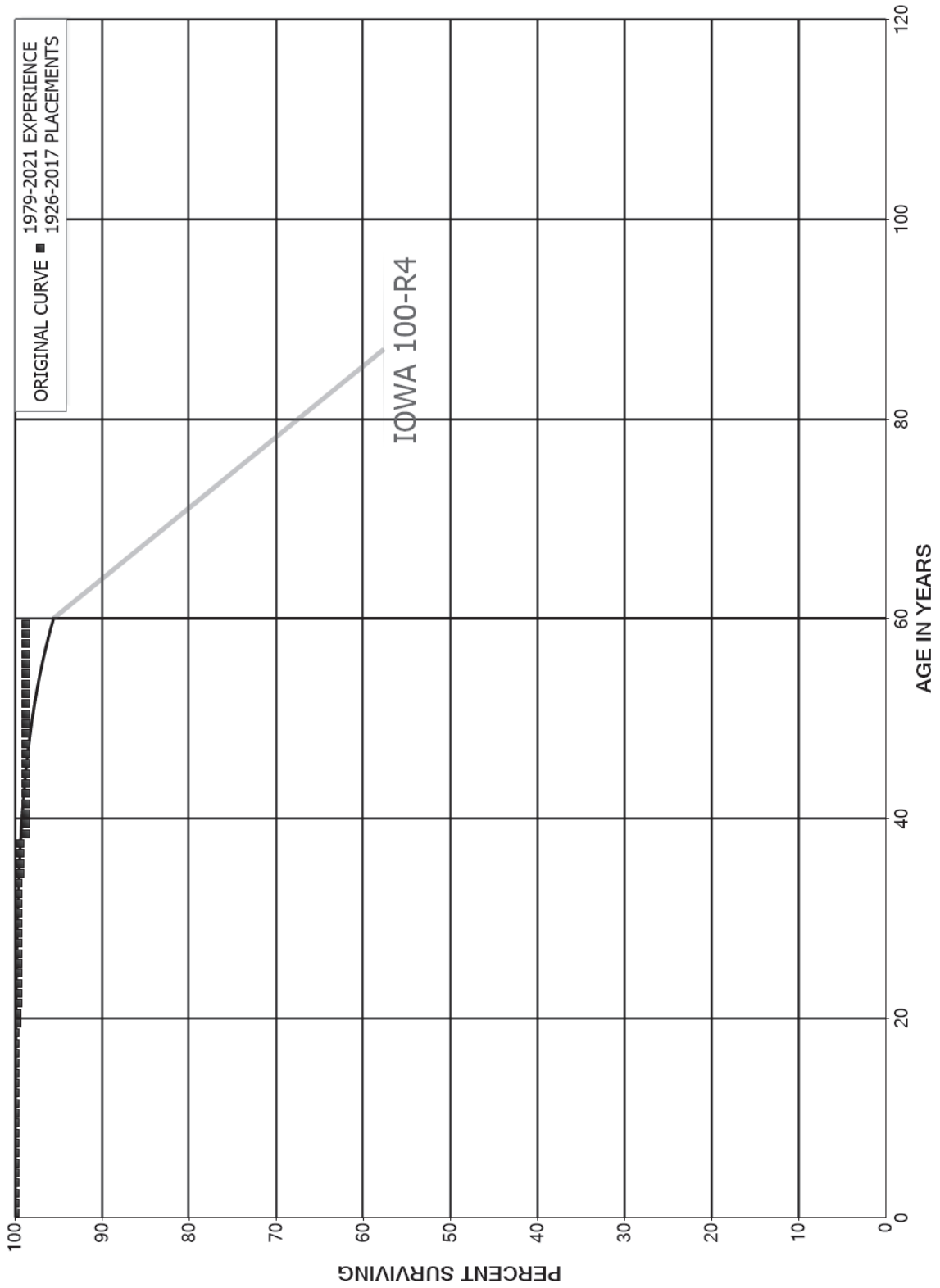
OFFICIAL COPY

Sep 22 2023

PART VII. SERVICE LIFE STATISTICS

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 310.00 RIGHTS OF WAY
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 310.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2017 EXPERIENCE BAND 1979-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	18,445		0.0000	1.0000	100.00
0.5	18,445		0.0000	1.0000	100.00
1.5	12,342		0.0000	1.0000	100.00
2.5	557		0.0000	1.0000	100.00
3.5	80,820		0.0000	1.0000	100.00
4.5	1,412,609		0.0000	1.0000	100.00
5.5	1,543,884		0.0000	1.0000	100.00
6.5	1,543,884		0.0000	1.0000	100.00
7.5	1,543,884		0.0000	1.0000	100.00
8.5	1,543,884		0.0000	1.0000	100.00
9.5	1,543,884		0.0000	1.0000	100.00
10.5	1,548,955		0.0000	1.0000	100.00
11.5	1,601,768		0.0000	1.0000	100.00
12.5	1,607,774		0.0000	1.0000	100.00
13.5	1,607,774		0.0000	1.0000	100.00
14.5	1,609,464		0.0000	1.0000	100.00
15.5	2,062,100		0.0000	1.0000	100.00
16.5	2,066,100		0.0000	1.0000	100.00
17.5	2,066,100		0.0000	1.0000	100.00
18.5	2,068,856	6,006	0.0029	0.9971	100.00
19.5	2,062,850		0.0000	1.0000	99.71
20.5	2,062,850	1,690	0.0008	0.9992	99.71
21.5	2,061,369		0.0000	1.0000	99.63
22.5	2,061,796		0.0000	1.0000	99.63
23.5	2,061,796		0.0000	1.0000	99.63
24.5	2,061,796	500	0.0002	0.9998	99.63
25.5	2,061,296		0.0000	1.0000	99.60
26.5	2,061,296		0.0000	1.0000	99.60
27.5	2,061,296		0.0000	1.0000	99.60
28.5	2,061,296		0.0000	1.0000	99.60
29.5	2,061,296		0.0000	1.0000	99.60
30.5	2,064,604		0.0000	1.0000	99.60
31.5	2,079,367		0.0000	1.0000	99.60
32.5	2,082,404		0.0000	1.0000	99.60
33.5	2,082,404	5,071	0.0024	0.9976	99.60
34.5	2,077,333		0.0000	1.0000	99.36
35.5	2,076,833		0.0000	1.0000	99.36
36.5	2,072,833		0.0000	1.0000	99.36
37.5	2,072,833	14,309	0.0069	0.9931	99.36
38.5	2,058,524		0.0000	1.0000	98.68

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 310.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017 EXPERIENCE BAND 1979-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	2,058,524		0.0000	1.0000	98.68
40.5	2,058,524		0.0000	1.0000	98.68
41.5	2,058,524		0.0000	1.0000	98.68
42.5	2,007,258		0.0000	1.0000	98.68
43.5	2,007,258		0.0000	1.0000	98.68
44.5	2,007,258		0.0000	1.0000	98.68
45.5	2,007,258		0.0000	1.0000	98.68
46.5	1,930,995		0.0000	1.0000	98.68
47.5	463,447		0.0000	1.0000	98.68
48.5	463,447		0.0000	1.0000	98.68
49.5	463,447		0.0000	1.0000	98.68
50.5	461,900		0.0000	1.0000	98.68
51.5	461,900		0.0000	1.0000	98.68
52.5	461,900		0.0000	1.0000	98.68
53.5	461,900		0.0000	1.0000	98.68
54.5	461,800		0.0000	1.0000	98.68
55.5	461,800		0.0000	1.0000	98.68
56.5	9,164		0.0000	1.0000	98.68
57.5	6,908		0.0000	1.0000	98.68
58.5	6,908		0.0000	1.0000	98.68
59.5	6,908		0.0000	1.0000	98.68
60.5	6,908		0.0000	1.0000	98.68
61.5	6,908		0.0000	1.0000	98.68
62.5	6,706		0.0000	1.0000	98.68
63.5	6,252		0.0000	1.0000	98.68
64.5	3,215		0.0000	1.0000	98.68
65.5	3,215		0.0000	1.0000	98.68
66.5	3,215		0.0000	1.0000	98.68
67.5	3,215		0.0000	1.0000	98.68
68.5	3,215		0.0000	1.0000	98.68
69.5	3,215		0.0000	1.0000	98.68
70.5	3,215		0.0000	1.0000	98.68
71.5	109		0.0000	1.0000	98.68
72.5	109		0.0000	1.0000	98.68
73.5	109		0.0000	1.0000	98.68
74.5	109		0.0000	1.0000	98.68
75.5	109		0.0000	1.0000	98.68
76.5	109		0.0000	1.0000	98.68
77.5	109		0.0000	1.0000	98.68
78.5	109		0.0000	1.0000	98.68

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 310.00 RIGHTS OF WAY

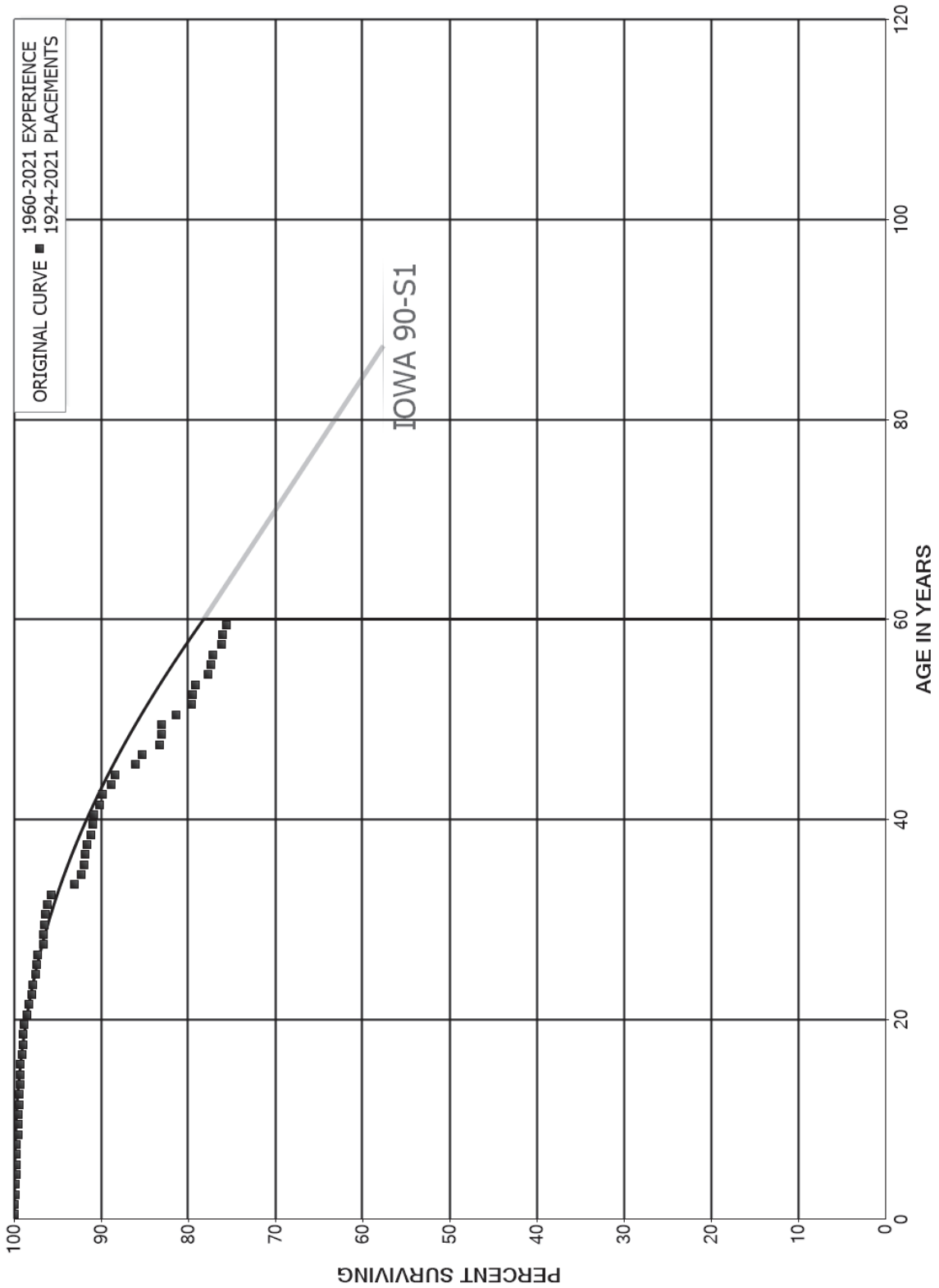
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017 EXPERIENCE BAND 1979-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	109		0.0000	1.0000	98.68
80.5	109		0.0000	1.0000	98.68
81.5	109		0.0000	1.0000	98.68
82.5	109		0.0000	1.0000	98.68
83.5	109		0.0000	1.0000	98.68
84.5	109		0.0000	1.0000	98.68
85.5	109		0.0000	1.0000	98.68
86.5	109		0.0000	1.0000	98.68
87.5					98.68

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,235,364,298	871,790	0.0007	0.9993	100.00
0.5	1,231,629,700	231,221	0.0002	0.9998	99.93
1.5	1,224,979,119	523,322	0.0004	0.9996	99.91
2.5	1,121,831,642	68,124	0.0001	0.9999	99.87
3.5	794,435,865	1,094,510	0.0014	0.9986	99.86
4.5	754,713,888	47,111	0.0001	0.9999	99.72
5.5	763,626,747	33,273	0.0000	1.0000	99.72
6.5	738,606,230	172,322	0.0002	0.9998	99.71
7.5	733,294,876	1,130,112	0.0015	0.9985	99.69
8.5	709,075,229	25,928	0.0000	1.0000	99.54
9.5	556,603,032	100,476	0.0002	0.9998	99.53
10.5	532,946,548	754,247	0.0014	0.9986	99.52
11.5	480,219,788	163,815	0.0003	0.9997	99.37
12.5	430,917,691	14,385	0.0000	1.0000	99.34
13.5	418,552,462	77,132	0.0002	0.9998	99.34
14.5	416,590,533	95,874	0.0002	0.9998	99.32
15.5	400,411,052	977,583	0.0024	0.9976	99.30
16.5	393,723,800	408,977	0.0010	0.9990	99.05
17.5	390,770,270	23,488	0.0001	0.9999	98.95
18.5	238,149,891	273,476	0.0011	0.9989	98.94
19.5	221,355,325	745,480	0.0034	0.9966	98.83
20.5	214,491,772	357,950	0.0017	0.9983	98.50
21.5	207,889,569	792,486	0.0038	0.9962	98.33
22.5	203,428,781	262,609	0.0013	0.9987	97.96
23.5	194,581,927	611,520	0.0031	0.9969	97.83
24.5	190,118,551	271,788	0.0014	0.9986	97.53
25.5	188,120,910	291,951	0.0016	0.9984	97.39
26.5	182,398,747	1,084,560	0.0059	0.9941	97.23
27.5	180,943,738	149,265	0.0008	0.9992	96.66
28.5	177,701,340	166,180	0.0009	0.9991	96.58
29.5	178,408,971	235,757	0.0013	0.9987	96.49
30.5	177,654,778	391,934	0.0022	0.9978	96.36
31.5	176,644,797	721,184	0.0041	0.9959	96.15
32.5	173,446,033	4,918,099	0.0284	0.9716	95.75
33.5	168,646,235	1,425,297	0.0085	0.9915	93.04
34.5	166,986,514	474,675	0.0028	0.9972	92.25
35.5	164,933,613	358,238	0.0022	0.9978	91.99
36.5	162,927,933	349,397	0.0021	0.9979	91.79
37.5	162,181,633	819,296	0.0051	0.9949	91.59
38.5	159,857,614	289,525	0.0018	0.9982	91.13

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	156,996,832	278,776	0.0018	0.9982	90.97
40.5	151,564,438	998,321	0.0066	0.9934	90.80
41.5	149,483,022	662,843	0.0044	0.9956	90.21
42.5	147,279,804	1,649,315	0.0112	0.9888	89.81
43.5	145,001,232	693,993	0.0048	0.9952	88.80
44.5	144,139,252	3,811,591	0.0264	0.9736	88.38
45.5	138,855,160	1,294,910	0.0093	0.9907	86.04
46.5	112,303,494	2,631,662	0.0234	0.9766	85.24
47.5	90,032,812	196,265	0.0022	0.9978	83.24
48.5	85,120,345	48,134	0.0006	0.9994	83.06
49.5	74,965,524	1,444,520	0.0193	0.9807	83.01
50.5	72,889,011	1,580,666	0.0217	0.9783	81.41
51.5	64,737,786	152,492	0.0024	0.9976	79.65
52.5	56,906,180	205,407	0.0036	0.9964	79.46
53.5	56,129,748	1,006,138	0.0179	0.9821	79.17
54.5	55,087,817	232,234	0.0042	0.9958	77.75
55.5	50,384,893	126,841	0.0025	0.9975	77.42
56.5	46,037,264	613,525	0.0133	0.9867	77.23
57.5	42,910,066	80,877	0.0019	0.9981	76.20
58.5	42,805,181	220,078	0.0051	0.9949	76.06
59.5	39,059,217	161,294	0.0041	0.9959	75.67
60.5	31,348,710	4,078	0.0001	0.9999	75.35
61.5	26,275,168	94,983	0.0036	0.9964	75.34
62.5	16,714,242	80,546	0.0048	0.9952	75.07
63.5	12,605,469		0.0000	1.0000	74.71
64.5	7,256,624	8,525	0.0012	0.9988	74.71
65.5	7,248,099		0.0000	1.0000	74.62
66.5	7,248,099	20,000	0.0028	0.9972	74.62
67.5	7,228,099	656	0.0001	0.9999	74.42
68.5	7,227,443	14,699	0.0020	0.9980	74.41
69.5	7,212,744	180,000	0.0250	0.9750	74.26
70.5	4,421,390	1,662	0.0004	0.9996	72.40
71.5	4,037,551		0.0000	1.0000	72.38
72.5	2,563,114	813	0.0003	0.9997	72.38
73.5	2,562,301		0.0000	1.0000	72.35
74.5	2,562,301	32,570	0.0127	0.9873	72.35
75.5	2,126,904		0.0000	1.0000	71.43
76.5	2,126,904		0.0000	1.0000	71.43
77.5	2,126,904	9,822	0.0046	0.9954	71.43
78.5	2,117,082		0.0000	1.0000	71.10

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

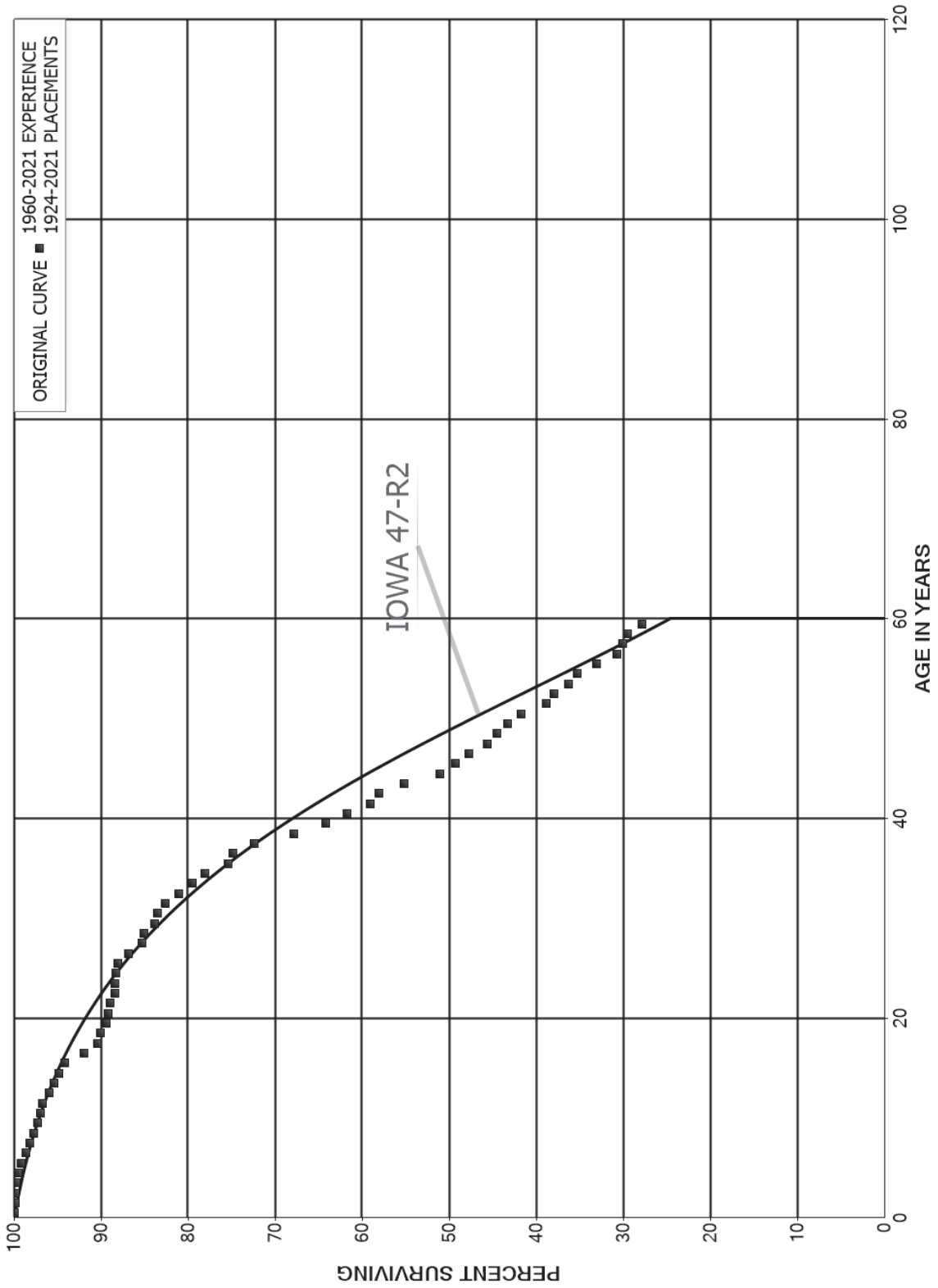
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	2,117,082		0.0000	1.0000	71.10
80.5	2,117,082		0.0000	1.0000	71.10
81.5	2,117,082	9,221	0.0044	0.9956	71.10
82.5	2,107,861		0.0000	1.0000	70.79
83.5	761,648	267	0.0003	0.9997	70.79
84.5	761,382		0.0000	1.0000	70.77
85.5	761,382		0.0000	1.0000	70.77
86.5	761,382		0.0000	1.0000	70.77
87.5					70.77

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 312.00 BOILER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	7,082,038,926	197,126	0.0000	1.0000	100.00
0.5	6,936,333,328	7,721,024	0.0011	0.9989	100.00
1.5	6,727,892,244	2,168,063	0.0003	0.9997	99.89
2.5	6,469,135,845	6,224,183	0.0010	0.9990	99.85
3.5	6,168,392,884	14,699,307	0.0024	0.9976	99.76
4.5	6,037,816,177	18,024,141	0.0030	0.9970	99.52
5.5	5,823,793,966	35,374,685	0.0061	0.9939	99.22
6.5	5,636,695,007	25,848,791	0.0046	0.9954	98.62
7.5	5,560,967,458	25,248,320	0.0045	0.9955	98.17
8.5	5,453,334,610	26,249,781	0.0048	0.9952	97.72
9.5	4,380,545,882	11,487,633	0.0026	0.9974	97.25
10.5	4,295,133,219	10,079,011	0.0023	0.9977	97.00
11.5	3,658,254,434	31,659,298	0.0087	0.9913	96.77
12.5	3,094,872,183	16,880,593	0.0055	0.9945	95.93
13.5	2,392,759,789	14,122,404	0.0059	0.9941	95.41
14.5	1,846,249,117	13,265,067	0.0072	0.9928	94.85
15.5	1,734,046,016	40,947,183	0.0236	0.9764	94.16
16.5	1,662,956,222	28,309,445	0.0170	0.9830	91.94
17.5	1,596,256,750	5,469,768	0.0034	0.9966	90.38
18.5	1,239,580,395	9,179,624	0.0074	0.9926	90.07
19.5	1,095,741,002	2,681,972	0.0024	0.9976	89.40
20.5	1,024,074,143	2,893,382	0.0028	0.9972	89.18
21.5	949,630,910	5,272,122	0.0056	0.9944	88.93
22.5	801,393,435	585,052	0.0007	0.9993	88.43
23.5	757,076,862	1,001,965	0.0013	0.9987	88.37
24.5	740,725,617	1,582,253	0.0021	0.9979	88.25
25.5	710,903,400	10,229,630	0.0144	0.9856	88.06
26.5	688,661,767	11,970,371	0.0174	0.9826	86.80
27.5	667,614,500	1,434,192	0.0021	0.9979	85.29
28.5	656,165,794	10,093,211	0.0154	0.9846	85.10
29.5	627,735,062	2,265,256	0.0036	0.9964	83.80
30.5	606,094,706	6,747,537	0.0111	0.9889	83.49
31.5	566,112,726	10,520,321	0.0186	0.9814	82.56
32.5	516,293,525	9,886,819	0.0191	0.9809	81.03
33.5	496,143,839	8,895,875	0.0179	0.9821	79.48
34.5	474,830,271	15,872,679	0.0334	0.9666	78.05
35.5	450,684,999	3,926,959	0.0087	0.9913	75.44
36.5	437,719,707	13,902,121	0.0318	0.9682	74.79
37.5	418,813,086	26,739,387	0.0638	0.9362	72.41
38.5	387,962,932	20,520,480	0.0529	0.9471	67.79

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

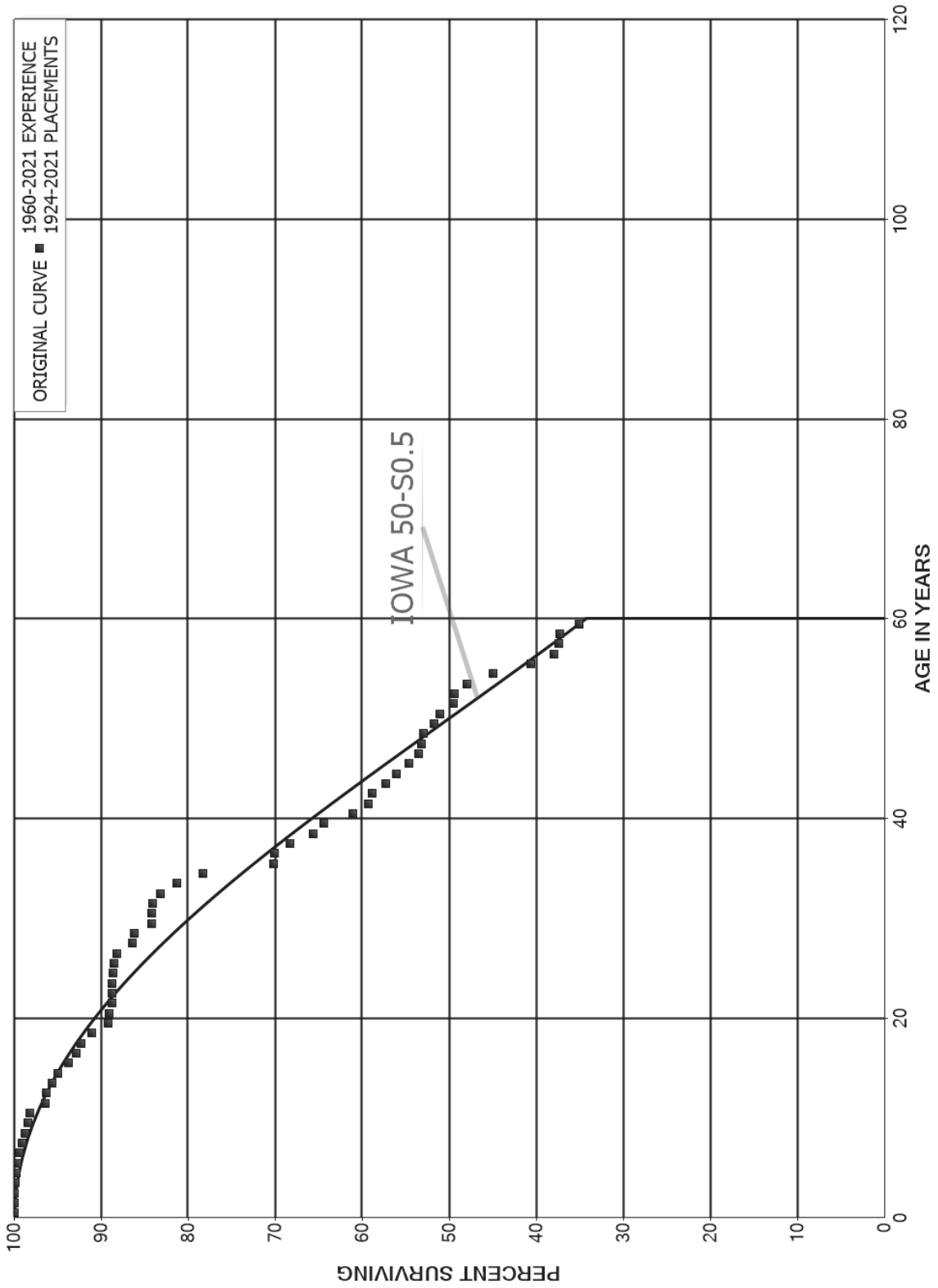
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	365,667,282	14,147,677	0.0387	0.9613	64.20
40.5	332,810,311	14,133,827	0.0425	0.9575	61.72
41.5	302,293,038	5,511,713	0.0182	0.9818	59.10
42.5	294,694,142	14,291,774	0.0485	0.9515	58.02
43.5	274,101,842	20,732,501	0.0756	0.9244	55.21
44.5	246,762,059	8,318,506	0.0337	0.9663	51.03
45.5	237,043,675	7,410,228	0.0313	0.9687	49.31
46.5	176,693,350	7,993,345	0.0452	0.9548	47.77
47.5	145,126,163	3,532,182	0.0243	0.9757	45.61
48.5	130,159,752	3,386,318	0.0260	0.9740	44.50
49.5	102,150,350	3,929,165	0.0385	0.9615	43.34
50.5	97,075,685	6,651,143	0.0685	0.9315	41.67
51.5	78,819,710	1,768,655	0.0224	0.9776	38.82
52.5	67,249,662	2,952,211	0.0439	0.9561	37.95
53.5	60,169,364	1,729,167	0.0287	0.9713	36.28
54.5	57,708,153	3,545,708	0.0614	0.9386	35.24
55.5	46,924,006	3,267,614	0.0696	0.9304	33.07
56.5	43,262,353	1,062,385	0.0246	0.9754	30.77
57.5	40,223,708	737,464	0.0183	0.9817	30.01
58.5	39,418,223	2,228,062	0.0565	0.9435	29.46
59.5	34,705,011	209,405	0.0060	0.9940	27.80
60.5	23,027,905	16,958	0.0007	0.9993	27.63
61.5	19,053,652	363,535	0.0191	0.9809	27.61
62.5	12,119,392	249,190	0.0206	0.9794	27.08
63.5	2,329,922		0.0000	1.0000	26.53
64.5	630,084		0.0000	1.0000	26.53
65.5	630,084	5,398	0.0086	0.9914	26.53
66.5	624,686	4,095	0.0066	0.9934	26.30
67.5	620,592	19,452	0.0313	0.9687	26.13
68.5	601,140	250,640	0.4169	0.5831	25.31
69.5	350,500		0.0000	1.0000	14.76
70.5	350,500		0.0000	1.0000	14.76
71.5	350,500		0.0000	1.0000	14.76
72.5					14.76

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 314.00 TURBOGENERATOR UNITS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,253,702,382	217,160	0.0002	0.9998	100.00
0.5	1,240,651,138		0.0000	1.0000	99.98
1.5	1,225,059,513	918,463	0.0007	0.9993	99.98
2.5	1,212,503,023	263,236	0.0002	0.9998	99.91
3.5	1,146,653,731	1,807,302	0.0016	0.9984	99.89
4.5	1,071,221,768	1,242,048	0.0012	0.9988	99.73
5.5	992,934,771	2,315,061	0.0023	0.9977	99.61
6.5	950,195,206	3,303,284	0.0035	0.9965	99.38
7.5	923,967,016	2,572,030	0.0028	0.9972	99.04
8.5	891,719,384	3,292,838	0.0037	0.9963	98.76
9.5	620,292,715	1,669,266	0.0027	0.9973	98.39
10.5	605,840,351	10,855,518	0.0179	0.9821	98.13
11.5	517,122,901	440,960	0.0009	0.9991	96.37
12.5	470,204,001	3,318,923	0.0071	0.9929	96.29
13.5	452,337,013	3,306,543	0.0073	0.9927	95.61
14.5	447,391,234	5,378,079	0.0120	0.9880	94.91
15.5	418,897,618	4,224,660	0.0101	0.9899	93.77
16.5	409,160,294	2,437,189	0.0060	0.9940	92.82
17.5	390,615,169	5,093,916	0.0130	0.9870	92.27
18.5	373,102,765	7,719,876	0.0207	0.9793	91.07
19.5	363,512,610	274,361	0.0008	0.9992	89.18
20.5	330,570,270	1,342,767	0.0041	0.9959	89.12
21.5	314,179,237	110,952	0.0004	0.9996	88.75
22.5	285,808,439	14,861	0.0001	0.9999	88.72
23.5	278,626,031	229,845	0.0008	0.9992	88.72
24.5	278,276,417	467,854	0.0017	0.9983	88.65
25.5	269,440,921	1,034,632	0.0038	0.9962	88.50
26.5	264,861,109	5,455,901	0.0206	0.9794	88.16
27.5	251,210,756	386,092	0.0015	0.9985	86.34
28.5	250,475,787	5,967,416	0.0238	0.9762	86.21
29.5	240,580,364		0.0000	1.0000	84.15
30.5	240,462,795	355,753	0.0015	0.9985	84.15
31.5	235,380,939	2,534,517	0.0108	0.9892	84.03
32.5	228,208,278	4,915,857	0.0215	0.9785	83.12
33.5	223,001,979	8,476,151	0.0380	0.9620	81.33
34.5	212,434,533	21,855,430	0.1029	0.8971	78.24
35.5	191,140,263	327,082	0.0017	0.9983	70.19
36.5	190,783,679	4,837,336	0.0254	0.9746	70.07
37.5	185,750,435	7,318,207	0.0394	0.9606	68.30
38.5	180,086,939	3,387,632	0.0188	0.9812	65.61

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

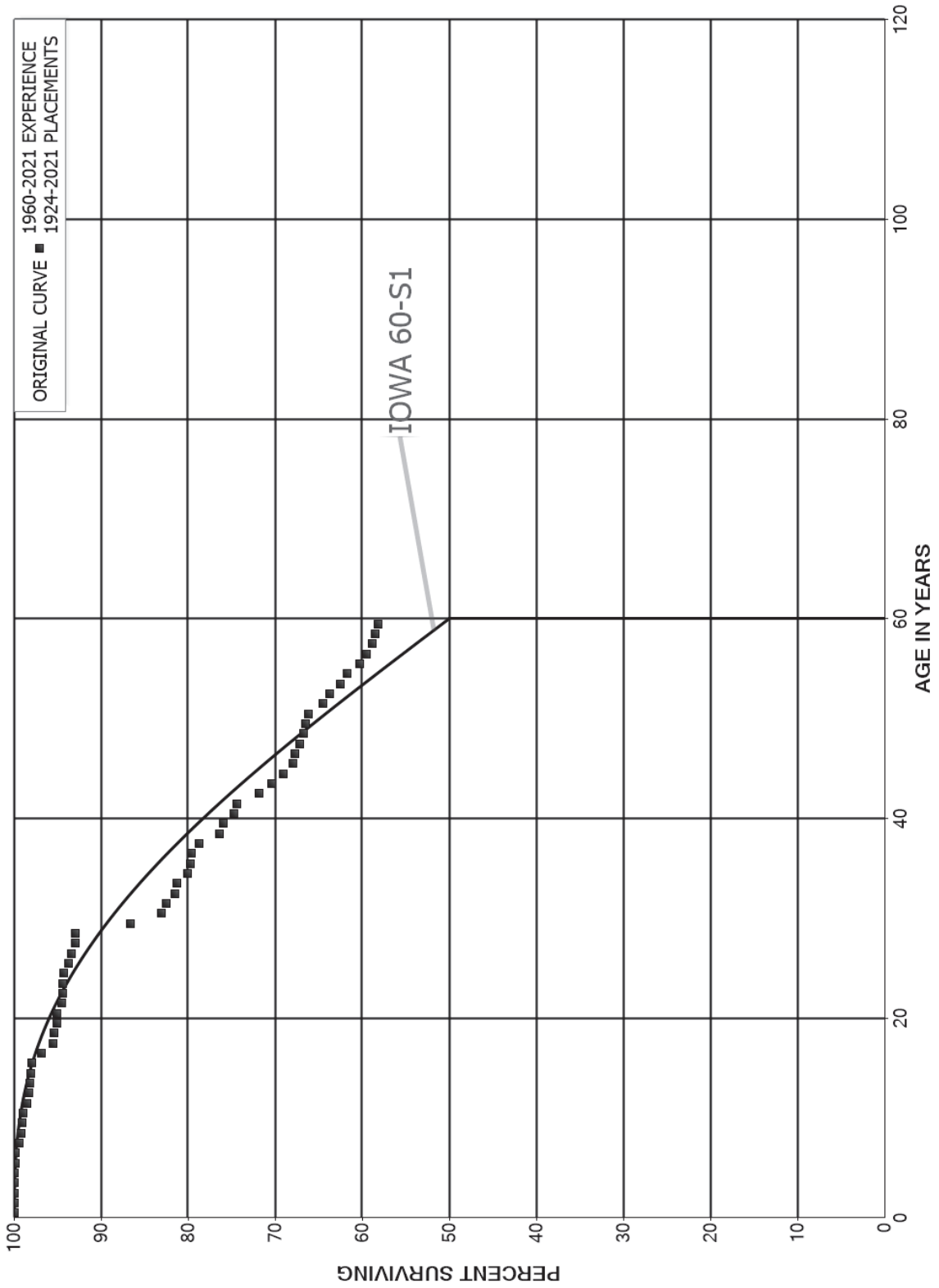
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	179,063,454	9,154,293	0.0511	0.9489	64.37
40.5	168,478,875	4,993,380	0.0296	0.9704	61.08
41.5	160,064,489	1,209,866	0.0076	0.9924	59.27
42.5	157,733,798	4,038,054	0.0256	0.9744	58.82
43.5	152,014,754	3,304,922	0.0217	0.9783	57.32
44.5	146,370,889	3,804,527	0.0260	0.9740	56.07
45.5	141,935,913	2,841,219	0.0200	0.9800	54.61
46.5	129,763,320	708,899	0.0055	0.9945	53.52
47.5	122,624,604	689,533	0.0056	0.9944	53.23
48.5	121,430,144	2,860,193	0.0236	0.9764	52.93
49.5	104,093,412	1,308,541	0.0126	0.9874	51.68
50.5	103,104,341	3,116,253	0.0302	0.9698	51.03
51.5	93,529,077	124,674	0.0013	0.9987	49.49
52.5	84,980,118	2,446,009	0.0288	0.9712	49.42
53.5	81,876,506	5,282,194	0.0645	0.9355	48.00
54.5	76,779,460	7,261,828	0.0946	0.9054	44.90
55.5	65,030,346	4,355,396	0.0670	0.9330	40.66
56.5	58,188,134	880,816	0.0151	0.9849	37.93
57.5	54,176,037	93,019	0.0017	0.9983	37.36
58.5	54,081,379	3,266,673	0.0604	0.9396	37.30
59.5	46,393,909	343,762	0.0074	0.9926	35.04
60.5	36,053,817	61,395	0.0017	0.9983	34.78
61.5	28,211,418	75,207	0.0027	0.9973	34.72
62.5	22,572,121	209,502	0.0093	0.9907	34.63
63.5	11,596,972		0.0000	1.0000	34.31
64.5	2,441,797		0.0000	1.0000	34.31
65.5	2,441,797		0.0000	1.0000	34.31
66.5	2,441,797	73,584	0.0301	0.9699	34.31
67.5	2,368,213		0.0000	1.0000	33.28
68.5	2,368,213	723,227	0.3054	0.6946	33.28
69.5	1,644,986	967,392	0.5881	0.4119	23.11
70.5	677,594		0.0000	1.0000	9.52
71.5	677,594		0.0000	1.0000	9.52
72.5					9.52

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	535,798,249		0.0000	1.0000	100.00
0.5	530,839,449	14,038	0.0000	1.0000	100.00
1.5	528,889,135	303,909	0.0006	0.9994	100.00
2.5	523,484,753	91,914	0.0002	0.9998	99.94
3.5	519,969,224	124,082	0.0002	0.9998	99.92
4.5	513,096,442	346,713	0.0007	0.9993	99.90
5.5	507,100,137	32,862	0.0001	0.9999	99.83
6.5	494,212,185	2,292,667	0.0046	0.9954	99.82
7.5	491,839,927	967,214	0.0020	0.9980	99.36
8.5	487,577,698	387,935	0.0008	0.9992	99.17
9.5	335,908,488	476,329	0.0014	0.9986	99.09
10.5	332,272,749	1,536,479	0.0046	0.9954	98.95
11.5	324,520,867	701,823	0.0022	0.9978	98.49
12.5	322,838,650	444,593	0.0014	0.9986	98.28
13.5	315,703,921	243,872	0.0008	0.9992	98.14
14.5	314,304,706	540,751	0.0017	0.9983	98.06
15.5	302,040,808	3,411,760	0.0113	0.9887	97.90
16.5	296,099,705	4,095,438	0.0138	0.9862	96.79
17.5	258,147,069	206,422	0.0008	0.9992	95.45
18.5	250,703,772	845,010	0.0034	0.9966	95.38
19.5	227,837,774	54,056	0.0002	0.9998	95.05
20.5	224,724,192	1,153,573	0.0051	0.9949	95.03
21.5	204,358,609	206,126	0.0010	0.9990	94.54
22.5	186,001,027	114,515	0.0006	0.9994	94.45
23.5	177,281,540	225,434	0.0013	0.9987	94.39
24.5	158,504,244	886,046	0.0056	0.9944	94.27
25.5	148,630,366	504,870	0.0034	0.9966	93.74
26.5	137,451,660	639,376	0.0047	0.9953	93.42
27.5	116,846,010	60,471	0.0005	0.9995	92.99
28.5	103,808,132	7,026,171	0.0677	0.9323	92.94
29.5	94,969,560	3,928,666	0.0414	0.9586	86.65
30.5	70,540,572	438,707	0.0062	0.9938	83.07
31.5	68,490,114	869,044	0.0127	0.9873	82.55
32.5	60,357,178	143,737	0.0024	0.9976	81.50
33.5	59,118,518	925,930	0.0157	0.9843	81.31
34.5	57,885,500	256,546	0.0044	0.9956	80.04
35.5	57,518,688	66,690	0.0012	0.9988	79.68
36.5	57,232,341	643,536	0.0112	0.9888	79.59
37.5	55,679,919	1,618,232	0.0291	0.9709	78.69
38.5	54,268,311	366,161	0.0067	0.9933	76.41

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	54,050,447	819,032	0.0152	0.9848	75.89
40.5	51,529,620	262,836	0.0051	0.9949	74.74
41.5	49,419,798	1,676,516	0.0339	0.9661	74.36
42.5	46,673,297	922,513	0.0198	0.9802	71.84
43.5	45,329,388	865,652	0.0191	0.9809	70.42
44.5	44,440,762	692,720	0.0156	0.9844	69.07
45.5	43,597,701	192,553	0.0044	0.9956	68.00
46.5	33,537,731	263,187	0.0078	0.9922	67.70
47.5	28,630,348	184,458	0.0064	0.9936	67.16
48.5	26,391,991	96,392	0.0037	0.9963	66.73
49.5	21,347,508	116,425	0.0055	0.9945	66.49
50.5	21,212,756	521,494	0.0246	0.9754	66.12
51.5	17,235,130	216,549	0.0126	0.9874	64.50
52.5	14,056,489	249,176	0.0177	0.9823	63.69
53.5	13,371,747	175,971	0.0132	0.9868	62.56
54.5	13,264,763	308,958	0.0233	0.9767	61.74
55.5	11,540,838	152,226	0.0132	0.9868	60.30
56.5	10,919,461	122,913	0.0113	0.9887	59.50
57.5	10,288,791	62,404	0.0061	0.9939	58.83
58.5	10,209,475	43,915	0.0043	0.9957	58.48
59.5	9,095,731	130,893	0.0144	0.9856	58.23
60.5	7,497,790	21,769	0.0029	0.9971	57.39
61.5	5,952,223	5,756	0.0010	0.9990	57.22
62.5	3,967,479	1,561	0.0004	0.9996	57.17
63.5	2,039,522	59,140	0.0290	0.9710	57.14
64.5	475,621		0.0000	1.0000	55.49
65.5	475,621		0.0000	1.0000	55.49
66.5	475,621	24,074	0.0506	0.9494	55.49
67.5	451,547	1,556	0.0034	0.9966	52.68
68.5	449,991	45,072	0.1002	0.8998	52.50
69.5	404,919	12,494	0.0309	0.9691	47.24
70.5	392,425		0.0000	1.0000	45.78
71.5	392,425		0.0000	1.0000	45.78
72.5	309,007		0.0000	1.0000	45.78
73.5	309,007		0.0000	1.0000	45.78
74.5	309,007		0.0000	1.0000	45.78
75.5	168,790		0.0000	1.0000	45.78
76.5	168,790		0.0000	1.0000	45.78
77.5	168,790		0.0000	1.0000	45.78
78.5	168,790		0.0000	1.0000	45.78

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

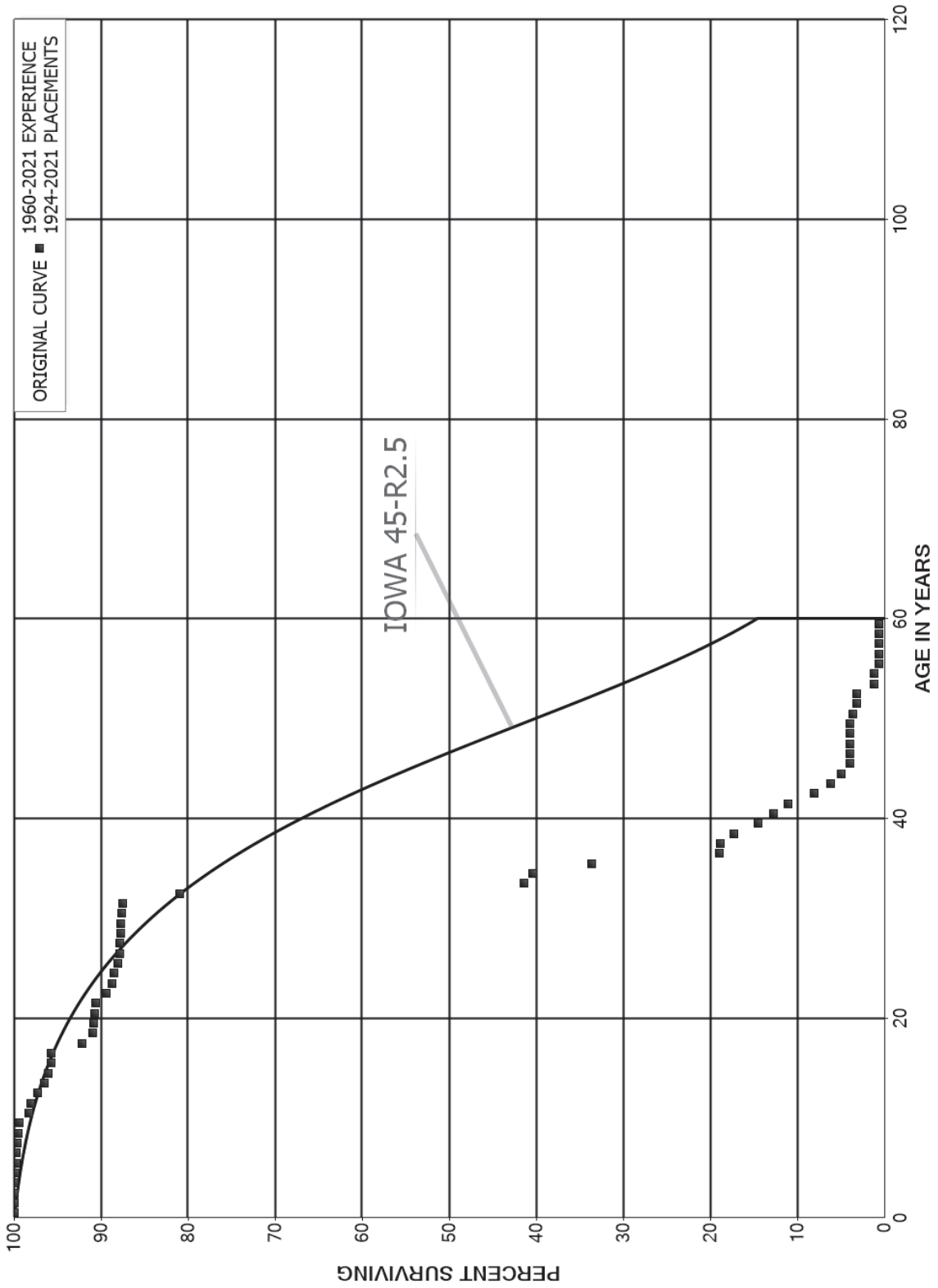
ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021			EXPERIENCE BAND 1960-2021		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	168,790		0.0000	1.0000	45.78
80.5	168,790		0.0000	1.0000	45.78
81.5	168,790		0.0000	1.0000	45.78
82.5	168,790		0.0000	1.0000	45.78
83.5					45.78

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	448,126,688		0.0000	1.0000	100.00
0.5	432,064,081		0.0000	1.0000	100.00
1.5	431,746,060	116,723	0.0003	0.9997	100.00
2.5	428,380,055	254,679	0.0006	0.9994	99.97
3.5	425,408,524	391,394	0.0009	0.9991	99.91
4.5	409,202,805	174,193	0.0004	0.9996	99.82
5.5	395,362,556	96,921	0.0002	0.9998	99.78
6.5	368,671,675	588,179	0.0016	0.9984	99.75
7.5	359,330,630	204,470	0.0006	0.9994	99.60
8.5	354,792,283	404,921	0.0011	0.9989	99.54
9.5	102,623,103	1,177,960	0.0115	0.9885	99.43
10.5	98,274,905	166,037	0.0017	0.9983	98.28
11.5	96,281,003	815,147	0.0085	0.9915	98.12
12.5	93,491,455	751,202	0.0080	0.9920	97.29
13.5	86,753,250	364,208	0.0042	0.9958	96.51
14.5	84,516,676	327,153	0.0039	0.9961	96.10
15.5	80,996,292	45,801	0.0006	0.9994	95.73
16.5	78,482,565	2,878,177	0.0367	0.9633	95.67
17.5	72,670,809	999,567	0.0138	0.9862	92.17
18.5	66,229,331	65,405	0.0010	0.9990	90.90
19.5	58,673,439	46,944	0.0008	0.9992	90.81
20.5	53,025,889	50,277	0.0009	0.9991	90.74
21.5	49,839,327	661,473	0.0133	0.9867	90.65
22.5	47,388,507	377,980	0.0080	0.9920	89.45
23.5	44,768,114	132,228	0.0030	0.9970	88.73
24.5	43,448,356	223,269	0.0051	0.9949	88.47
25.5	42,702,560	114,475	0.0027	0.9973	88.02
26.5	41,030,029		0.0000	1.0000	87.78
27.5	29,001,098	304	0.0000	1.0000	87.78
28.5	26,061,883	25,374	0.0010	0.9990	87.78
29.5	23,531,826	34,324	0.0015	0.9985	87.69
30.5	22,249,147	3,150	0.0001	0.9999	87.57
31.5	21,377,270	1,620,840	0.0758	0.9242	87.55
32.5	18,754,610	9,161,119	0.4885	0.5115	80.92
33.5	8,271,660	188,909	0.0228	0.9772	41.39
34.5	7,532,309	1,280,759	0.1700	0.8300	40.45
35.5	5,735,961	2,503,060	0.4364	0.5636	33.57
36.5	3,043,241	17,224	0.0057	0.9943	18.92
37.5	2,767,982	220,073	0.0795	0.9205	18.81
38.5	2,416,877	386,061	0.1597	0.8403	17.32

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

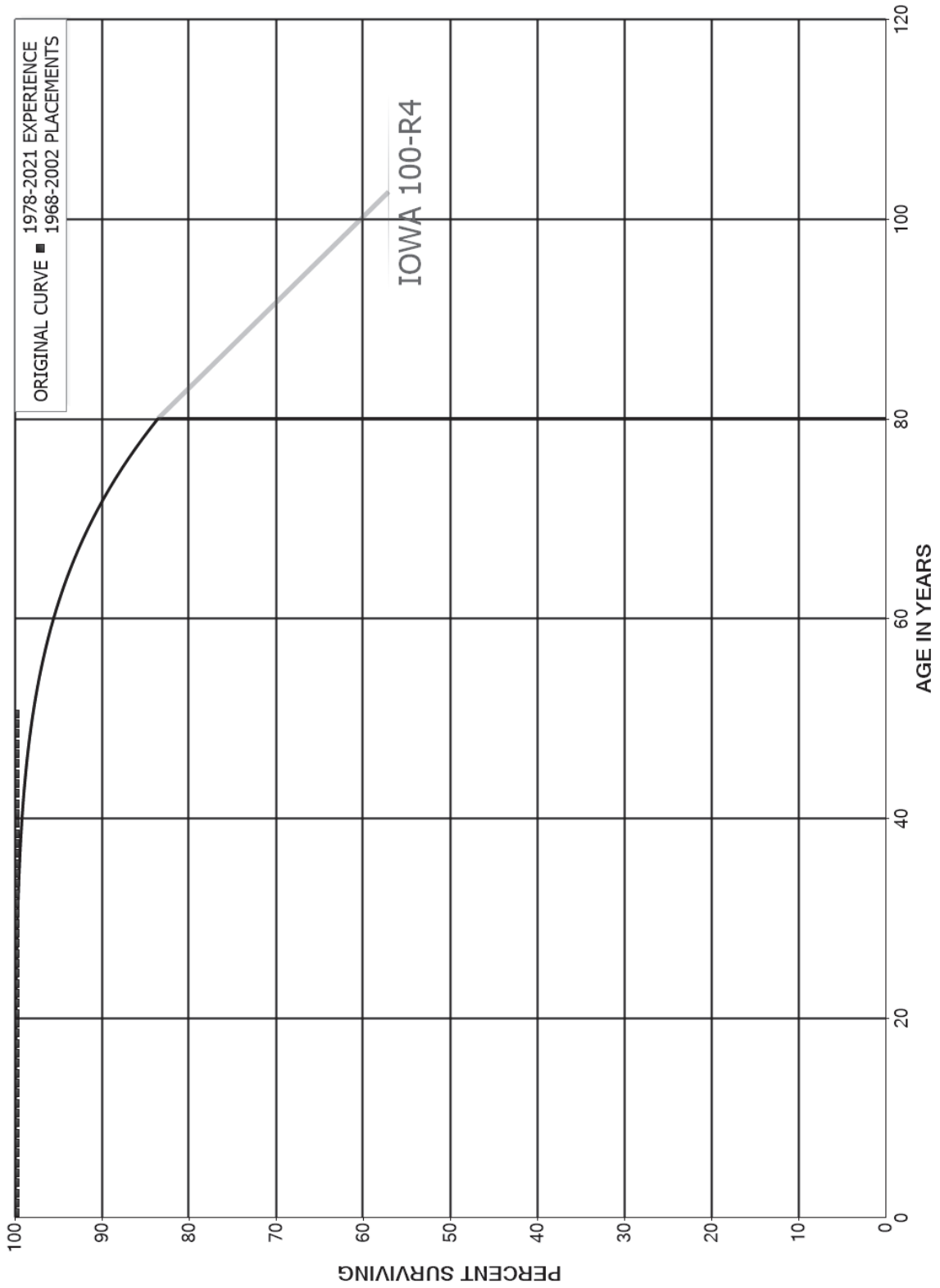
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	2,127,081	259,747	0.1221	0.8779	14.55
40.5	1,291,145	176,880	0.1370	0.8630	12.77
41.5	897,038	236,757	0.2639	0.7361	11.02
42.5	599,112	140,210	0.2340	0.7660	8.11
43.5	458,902	95,181	0.2074	0.7926	6.22
44.5	363,721	71,728	0.1972	0.8028	4.93
45.5	291,993		0.0000	1.0000	3.95
46.5	291,993		0.0000	1.0000	3.95
47.5	291,993	750	0.0026	0.9974	3.95
48.5	291,243		0.0000	1.0000	3.94
49.5	291,243	26,639	0.0915	0.9085	3.94
50.5	292,458	36,151	0.1236	0.8764	3.58
51.5	289,732		0.0000	1.0000	3.14
52.5	261,878	160,784	0.6140	0.3860	3.14
53.5	67,669		0.0000	1.0000	1.21
54.5	67,669	30,401	0.4493	0.5507	1.21
55.5	37,268		0.0000	1.0000	0.67
56.5	37,268		0.0000	1.0000	0.67
57.5	37,268		0.0000	1.0000	0.67
58.5	37,268	4,544	0.1219	0.8781	0.67
59.5	32,724		0.0000	1.0000	0.59
60.5	32,724		0.0000	1.0000	0.59
61.5	32,724		0.0000	1.0000	0.59
62.5	32,724	32,724	1.0000		0.59
63.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 320.00 RIGHTS OF WAY
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 320.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE

PLACEMENT BAND 1968-2002 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	489,270		0.0000	1.0000	100.00
0.5	489,270		0.0000	1.0000	100.00
1.5	531,029		0.0000	1.0000	100.00
2.5	532,109		0.0000	1.0000	100.00
3.5	534,724		0.0000	1.0000	100.00
4.5	946,622		0.0000	1.0000	100.00
5.5	945,542		0.0000	1.0000	100.00
6.5	945,542		0.0000	1.0000	100.00
7.5	540,439		0.0000	1.0000	100.00
8.5	540,439		0.0000	1.0000	100.00
9.5	533,644		0.0000	1.0000	100.00
10.5	533,644		0.0000	1.0000	100.00
11.5	533,644		0.0000	1.0000	100.00
12.5	956,032		0.0000	1.0000	100.00
13.5	956,032		0.0000	1.0000	100.00
14.5	956,032		0.0000	1.0000	100.00
15.5	956,032		0.0000	1.0000	100.00
16.5	956,542		0.0000	1.0000	100.00
17.5	956,542		0.0000	1.0000	100.00
18.5	956,542		0.0000	1.0000	100.00
19.5	881,365		0.0000	1.0000	100.00
20.5	881,365		0.0000	1.0000	100.00
21.5	881,365		0.0000	1.0000	100.00
22.5	881,365		0.0000	1.0000	100.00
23.5	881,365		0.0000	1.0000	100.00
24.5	881,365		0.0000	1.0000	100.00
25.5	881,365		0.0000	1.0000	100.00
26.5	881,365		0.0000	1.0000	100.00
27.5	881,365		0.0000	1.0000	100.00
28.5	881,365		0.0000	1.0000	100.00
29.5	881,365		0.0000	1.0000	100.00
30.5	881,365		0.0000	1.0000	100.00
31.5	881,365		0.0000	1.0000	100.00
32.5	881,365		0.0000	1.0000	100.00
33.5	881,365		0.0000	1.0000	100.00
34.5	881,365		0.0000	1.0000	100.00
35.5	881,365		0.0000	1.0000	100.00
36.5	499,885		0.0000	1.0000	100.00
37.5	499,885		0.0000	1.0000	100.00
38.5	499,885		0.0000	1.0000	100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 320.00 RIGHTS OF WAY

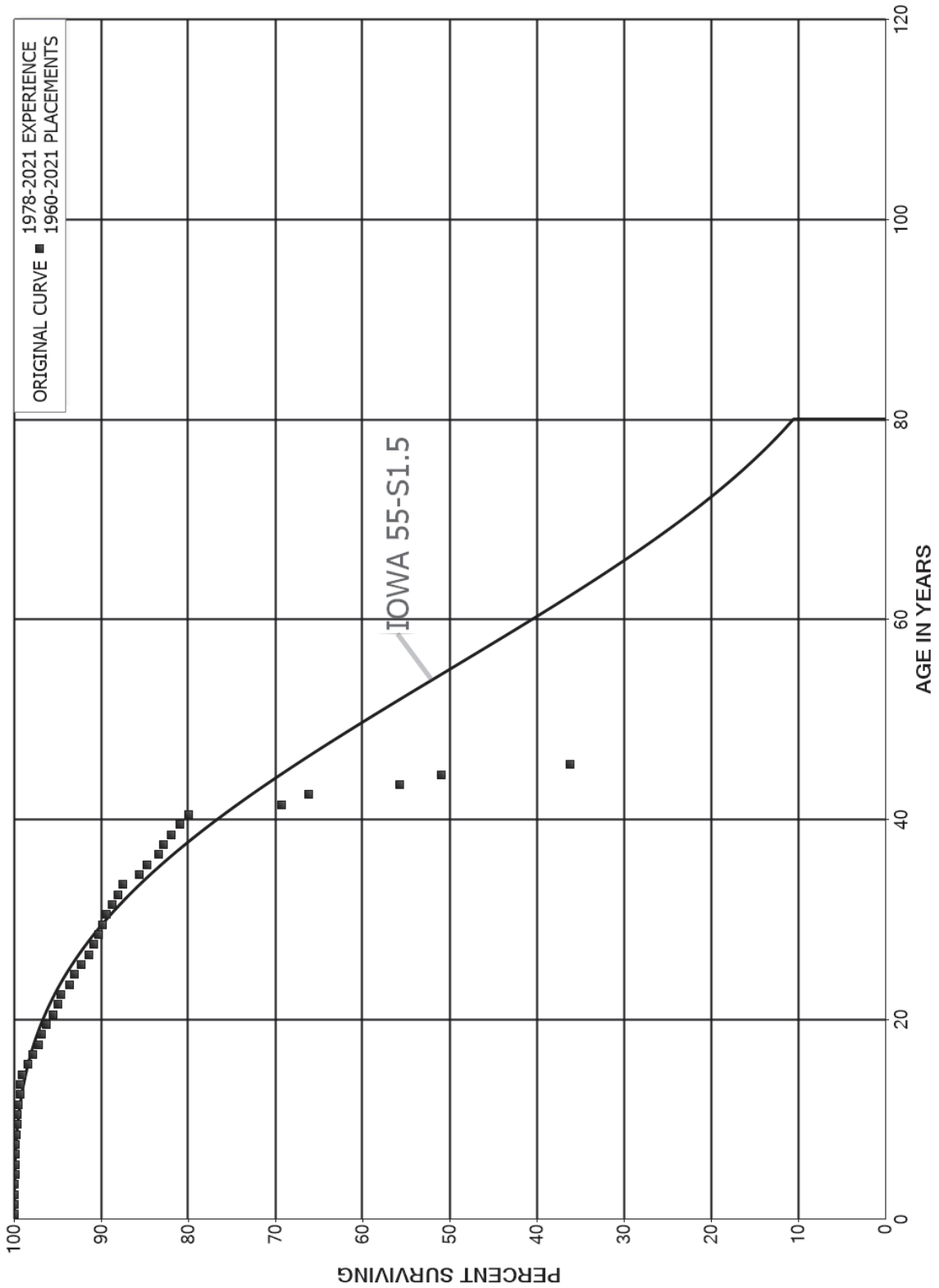
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1968-2002 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	499,885		0.0000	1.0000	100.00
40.5	425,003		0.0000	1.0000	100.00
41.5	425,003		0.0000	1.0000	100.00
42.5	425,003		0.0000	1.0000	100.00
43.5	425,003		0.0000	1.0000	100.00
44.5	425,003		0.0000	1.0000	100.00
45.5	425,003		0.0000	1.0000	100.00
46.5	425,003		0.0000	1.0000	100.00
47.5	422,388		0.0000	1.0000	100.00
48.5	422,388		0.0000	1.0000	100.00
49.5	422,388		0.0000	1.0000	100.00
50.5	422,388		0.0000	1.0000	100.00
51.5	422,388		0.0000	1.0000	100.00
52.5	422,388		0.0000	1.0000	100.00
53.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,090,188,901		0.0000	1.0000	100.00
0.5	2,070,359,776	49,648	0.0000	1.0000	100.00
1.5	2,015,515,333	243,452	0.0001	0.9999	100.00
2.5	1,957,848,766	1,480,202	0.0008	0.9992	99.99
3.5	2,033,924,476	444,517	0.0002	0.9998	99.91
4.5	2,035,873,980	407,876	0.0002	0.9998	99.89
5.5	1,926,846,824	332,581	0.0002	0.9998	99.87
6.5	1,792,907,655	690,502	0.0004	0.9996	99.85
7.5	1,730,285,304	1,247,954	0.0007	0.9993	99.81
8.5	1,578,929,842	1,115,155	0.0007	0.9993	99.74
9.5	1,539,849,286	1,251,912	0.0008	0.9992	99.67
10.5	1,403,952,683	1,274,894	0.0009	0.9991	99.59
11.5	1,369,043,551	2,801,730	0.0020	0.9980	99.50
12.5	1,299,700,912	690,843	0.0005	0.9995	99.29
13.5	1,264,945,426	1,892,670	0.0015	0.9985	99.24
14.5	1,219,273,889	8,024,467	0.0066	0.9934	99.09
15.5	1,164,035,505	6,786,764	0.0058	0.9942	98.44
16.5	1,134,114,509	7,563,108	0.0067	0.9933	97.87
17.5	1,094,438,877	4,147,125	0.0038	0.9962	97.21
18.5	1,079,335,484	6,561,808	0.0061	0.9939	96.85
19.5	1,062,397,278	8,500,280	0.0080	0.9920	96.26
20.5	1,046,496,978	5,840,523	0.0056	0.9944	95.49
21.5	1,030,394,682	3,633,839	0.0035	0.9965	94.95
22.5	1,024,649,704	10,388,210	0.0101	0.9899	94.62
23.5	993,165,676	6,690,243	0.0067	0.9933	93.66
24.5	983,418,635	7,794,835	0.0079	0.9921	93.03
25.5	970,502,320	9,808,995	0.0101	0.9899	92.29
26.5	949,134,609	5,704,964	0.0060	0.9940	91.36
27.5	940,096,808	5,898,347	0.0063	0.9937	90.81
28.5	927,413,076	3,884,422	0.0042	0.9958	90.24
29.5	920,225,801	4,953,153	0.0054	0.9946	89.86
30.5	901,865,340	6,663,904	0.0074	0.9926	89.38
31.5	894,047,832	6,608,727	0.0074	0.9926	88.72
32.5	851,138,883	5,733,578	0.0067	0.9933	88.06
33.5	829,673,043	17,285,276	0.0208	0.9792	87.47
34.5	796,808,001	8,692,919	0.0109	0.9891	85.65
35.5	616,510,235	9,745,330	0.0158	0.9842	84.71
36.5	506,888,496	3,346,858	0.0066	0.9934	83.37
37.5	289,968,467	3,249,873	0.0112	0.9888	82.82
38.5	271,917,870	3,000,989	0.0110	0.9890	81.89

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

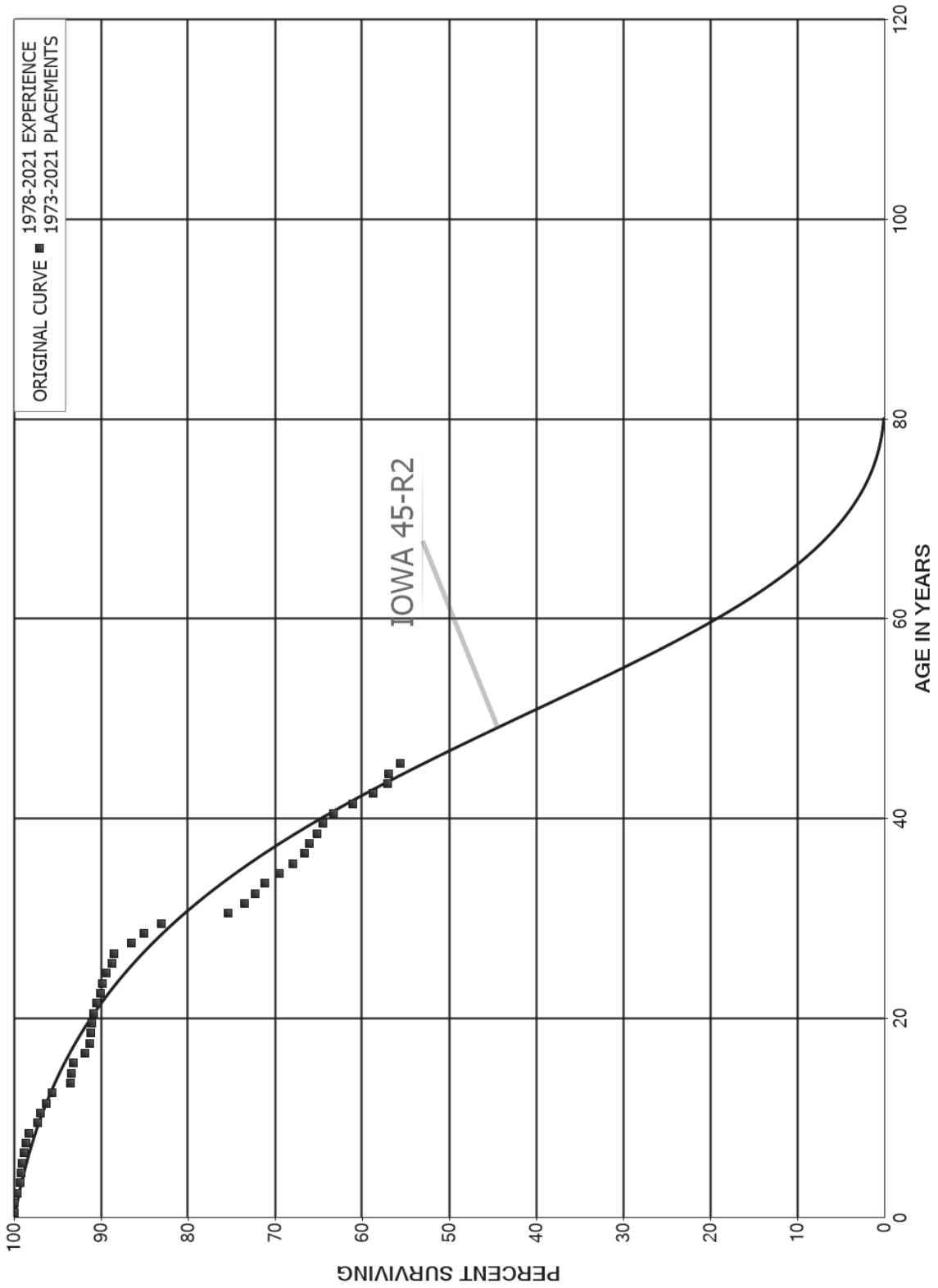
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	263,561,628	3,523,548	0.0134	0.9866	80.99
40.5	68,415,667	9,078,484	0.1327	0.8673	79.91
41.5	59,126,938	2,656,805	0.0449	0.9551	69.30
42.5	56,159,391	8,864,032	0.1578	0.8422	66.19
43.5	46,861,725	4,042,862	0.0863	0.9137	55.74
44.5	40,079,989	11,642,738	0.2905	0.7095	50.93
45.5	27,618,661	5,380,912	0.1948	0.8052	36.14
46.5	22,066,833	2,520,744	0.1142	0.8858	29.10
47.5	10,842,175	79,013	0.0073	0.9927	25.77
48.5					25.59

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 322.00 REACTOR PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1973-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	4,578,067,256	7,393	0.0000	1.0000	100.00
0.5	4,496,756,686	673,467	0.0001	0.9999	100.00
1.5	4,366,550,589	15,763,569	0.0036	0.9964	99.98
2.5	4,217,171,893	13,698,944	0.0032	0.9968	99.62
3.5	4,247,141,601	4,121,404	0.0010	0.9990	99.30
4.5	4,210,529,605	8,075,961	0.0019	0.9981	99.20
5.5	4,121,480,698	5,246,314	0.0013	0.9987	99.01
6.5	3,677,873,488	10,379,341	0.0028	0.9972	98.89
7.5	3,502,076,574	11,662,391	0.0033	0.9967	98.61
8.5	3,335,527,001	32,810,684	0.0098	0.9902	98.28
9.5	3,177,588,236	12,533,686	0.0039	0.9961	97.31
10.5	2,959,461,594	19,439,475	0.0066	0.9934	96.93
11.5	2,844,941,947	20,176,189	0.0071	0.9929	96.29
12.5	2,772,122,684	59,990,442	0.0216	0.9784	95.61
13.5	2,639,260,757	4,507,794	0.0017	0.9983	93.54
14.5	2,587,874,918	6,342,069	0.0025	0.9975	93.38
15.5	2,547,715,654	37,335,365	0.0147	0.9853	93.15
16.5	2,477,125,133	13,994,705	0.0056	0.9944	91.79
17.5	2,140,599,250	1,592,197	0.0007	0.9993	91.27
18.5	1,979,486,361	1,860,619	0.0009	0.9991	91.20
19.5	1,940,391,121	6,819,205	0.0035	0.9965	91.12
20.5	1,917,973,330	5,858,483	0.0031	0.9969	90.79
21.5	1,891,286,741	8,751,466	0.0046	0.9954	90.52
22.5	1,870,682,137	4,638,664	0.0025	0.9975	90.10
23.5	1,857,180,456	10,929,609	0.0059	0.9941	89.88
24.5	1,570,590,649	11,529,882	0.0073	0.9927	89.35
25.5	1,528,079,499	2,975,407	0.0019	0.9981	88.69
26.5	1,512,890,694	33,745,550	0.0223	0.9777	88.52
27.5	1,471,981,682	25,677,826	0.0174	0.9826	86.54
28.5	1,435,464,972	32,428,439	0.0226	0.9774	85.03
29.5	1,393,026,751	130,050,188	0.0934	0.9066	83.11
30.5	1,251,026,045	31,234,941	0.0250	0.9750	75.35
31.5	1,211,146,102	19,981,588	0.0165	0.9835	73.47
32.5	1,178,687,476	17,637,259	0.0150	0.9850	72.26
33.5	1,139,452,783	27,196,967	0.0239	0.9761	71.18
34.5	1,106,346,938	24,674,648	0.0223	0.9777	69.48
35.5	876,170,074	17,167,195	0.0196	0.9804	67.93
36.5	739,172,154	6,187,884	0.0084	0.9916	66.60
37.5	328,410,421	4,254,644	0.0130	0.9870	66.04
38.5	322,890,485	3,316,954	0.0103	0.9897	65.19

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

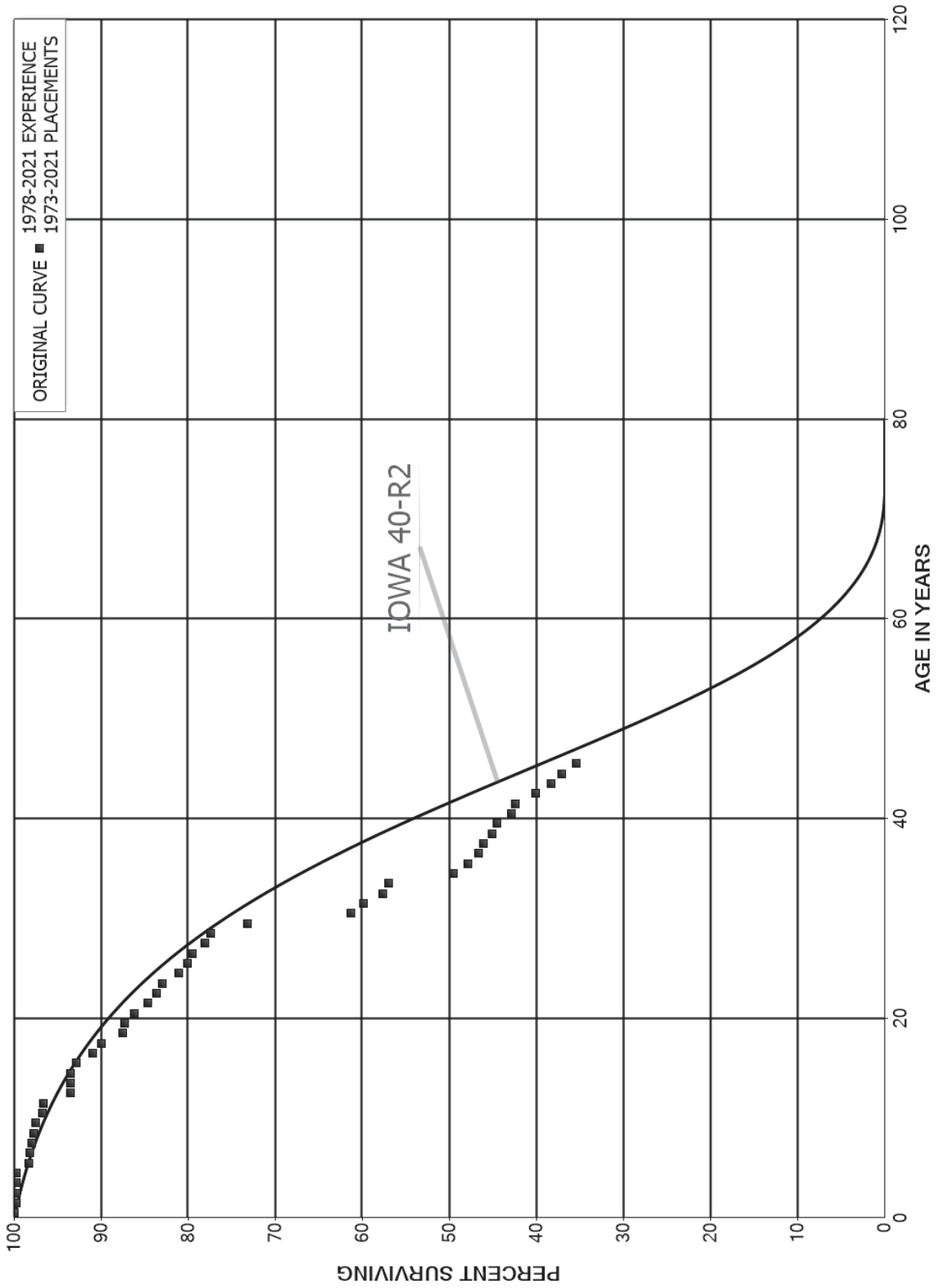
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1973-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	313,809,646	5,904,184	0.0188	0.9812	64.52
40.5	11,146,175	396,385	0.0356	0.9644	63.30
41.5	8,116,642	308,637	0.0380	0.9620	61.05
42.5	4,742,073	133,237	0.0281	0.9719	58.73
43.5	4,442,075	7,261	0.0016	0.9984	57.08
44.5	3,922,308	91,621	0.0234	0.9766	56.99
45.5	3,830,687	4,173	0.0011	0.9989	55.66
46.5	3,821,810	557,909	0.1460	0.8540	55.59
47.5	839,068		0.0000	1.0000	47.48
48.5					47.48

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 323.00 TURBOGENERATOR UNITS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1973-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,377,235,863		0.0000	1.0000	100.00
0.5	1,353,449,627	4,259,002	0.0031	0.9969	100.00
1.5	1,225,877,491	2,990	0.0000	1.0000	99.69
2.5	1,165,534,718		0.0000	1.0000	99.69
3.5	1,233,065,041		0.0000	1.0000	99.69
4.5	1,254,917,866	18,138,144	0.0145	0.9855	99.69
5.5	1,196,383,403	1,477,559	0.0012	0.9988	98.24
6.5	1,191,392,356	2,806,918	0.0024	0.9976	98.12
7.5	1,058,419,753	1,392,253	0.0013	0.9987	97.89
8.5	1,007,451,356	2,414,529	0.0024	0.9976	97.76
9.5	852,823,199	7,345,772	0.0086	0.9914	97.53
10.5	830,777,043	613,049	0.0007	0.9993	96.69
11.5	801,805,295	25,738,125	0.0321	0.9679	96.62
12.5	722,678,467	76,133	0.0001	0.9999	93.52
13.5	702,914,252		0.0000	1.0000	93.51
14.5	691,009,334	5,050,515	0.0073	0.9927	93.51
15.5	662,049,919	13,686,145	0.0207	0.9793	92.82
16.5	626,674,650	6,557,698	0.0105	0.9895	90.90
17.5	598,859,467	16,485,515	0.0275	0.9725	89.95
18.5	577,613,106	1,413,560	0.0024	0.9976	87.48
19.5	572,168,762	7,356,564	0.0129	0.9871	87.26
20.5	562,929,474	9,676,224	0.0172	0.9828	86.14
21.5	553,216,938	6,603,526	0.0119	0.9881	84.66
22.5	538,990,159	4,872,415	0.0090	0.9910	83.65
23.5	518,920,583	11,521,798	0.0222	0.9778	82.89
24.5	507,057,442	6,513,031	0.0128	0.9872	81.05
25.5	499,051,520	3,228,835	0.0065	0.9935	80.01
26.5	493,699,648	8,882,451	0.0180	0.9820	79.49
27.5	477,214,511	4,142,854	0.0087	0.9913	78.06
28.5	468,363,055	25,480,502	0.0544	0.9456	77.39
29.5	442,201,433	71,708,354	0.1622	0.8378	73.18
30.5	345,531,579	8,103,104	0.0235	0.9765	61.31
31.5	337,225,210	12,736,036	0.0378	0.9622	59.87
32.5	324,489,174	3,602,396	0.0111	0.9889	57.61
33.5	306,404,834	40,066,297	0.1308	0.8692	56.97
34.5	266,130,986	9,287,055	0.0349	0.9651	49.52
35.5	199,279,515	5,108,878	0.0256	0.9744	47.79
36.5	171,008,915	1,679,113	0.0098	0.9902	46.57
37.5	83,369,035	1,981,457	0.0238	0.9762	46.11
38.5	79,964,605	978,694	0.0122	0.9878	45.01

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

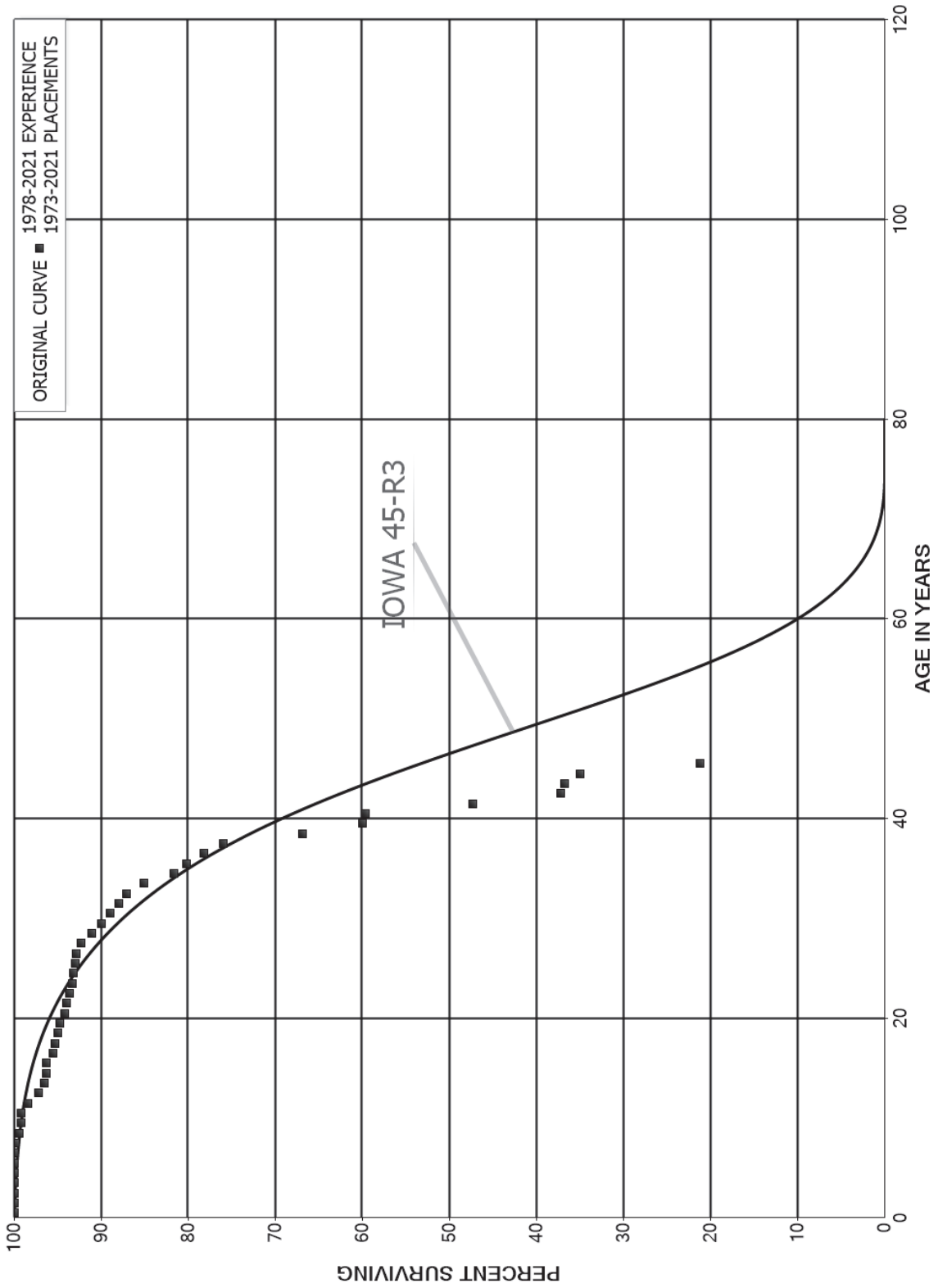
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1973-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	78,969,381	2,872,710	0.0364	0.9636	44.46
40.5	44,901,963	472,058	0.0105	0.9895	42.85
41.5	44,427,806	2,469,072	0.0556	0.9444	42.40
42.5	40,331,525	1,712,711	0.0425	0.9575	40.04
43.5	33,891,997	1,159,622	0.0342	0.9658	38.34
44.5	32,688,279	1,486,885	0.0455	0.9545	37.03
45.5	31,201,394	2,297,374	0.0736	0.9264	35.34
46.5	28,651,572	818,152	0.0286	0.9714	32.74
47.5	13,247,232	895,863	0.0676	0.9324	31.81
48.5					29.66

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1973-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,387,157,580		0.0000	1.0000	100.00
0.5	1,381,245,124	6,405	0.0000	1.0000	100.00
1.5	1,361,997,073	958	0.0000	1.0000	100.00
2.5	1,294,233,776	734,404	0.0006	0.9994	100.00
3.5	1,252,209,205		0.0000	1.0000	99.94
4.5	1,228,960,734	9,781	0.0000	1.0000	99.94
5.5	1,203,802,522	343,839	0.0003	0.9997	99.94
6.5	1,067,797,762	1,345,162	0.0013	0.9987	99.91
7.5	1,010,691,067	4,091,598	0.0040	0.9960	99.79
8.5	569,475,415	1,083,766	0.0019	0.9981	99.38
9.5	533,165,737	128,709	0.0002	0.9998	99.19
10.5	527,887,396	4,000,220	0.0076	0.9924	99.17
11.5	515,689,156	6,521,261	0.0126	0.9874	98.42
12.5	492,299,649	3,196,326	0.0065	0.9935	97.17
13.5	463,551,675	1,310,745	0.0028	0.9972	96.54
14.5	430,827,509	7,968	0.0000	1.0000	96.27
15.5	412,474,741	3,456,579	0.0084	0.9916	96.27
16.5	404,837,132	925,655	0.0023	0.9977	95.46
17.5	395,653,971	1,120,472	0.0028	0.9972	95.24
18.5	383,200,062	811,636	0.0021	0.9979	94.97
19.5	375,229,945	2,484,531	0.0066	0.9934	94.77
20.5	368,101,724	679,747	0.0018	0.9982	94.15
21.5	365,143,514	1,495,852	0.0041	0.9959	93.97
22.5	346,973,854	1,293,688	0.0037	0.9963	93.59
23.5	341,428,876	395,351	0.0012	0.9988	93.24
24.5	304,386,883	753,972	0.0025	0.9975	93.13
25.5	302,081,413	97,975	0.0003	0.9997	92.90
26.5	299,844,739	2,060,138	0.0069	0.9931	92.87
27.5	297,056,135	3,861,375	0.0130	0.9870	92.23
28.5	289,133,934	3,338,955	0.0115	0.9885	91.03
29.5	285,655,067	3,380,796	0.0118	0.9882	89.98
30.5	271,311,656	3,058,667	0.0113	0.9887	88.92
31.5	267,598,920	2,631,061	0.0098	0.9902	87.91
32.5	263,512,086	6,056,865	0.0230	0.9770	87.05
33.5	257,203,385	10,495,848	0.0408	0.9592	85.05
34.5	244,839,579	4,243,932	0.0173	0.9827	81.58
35.5	195,188,272	4,948,960	0.0254	0.9746	80.16
36.5	163,063,115	4,435,252	0.0272	0.9728	78.13
37.5	99,902,285	12,028,324	0.1204	0.8796	76.01
38.5	87,374,478	9,040,689	0.1035	0.8965	66.85

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

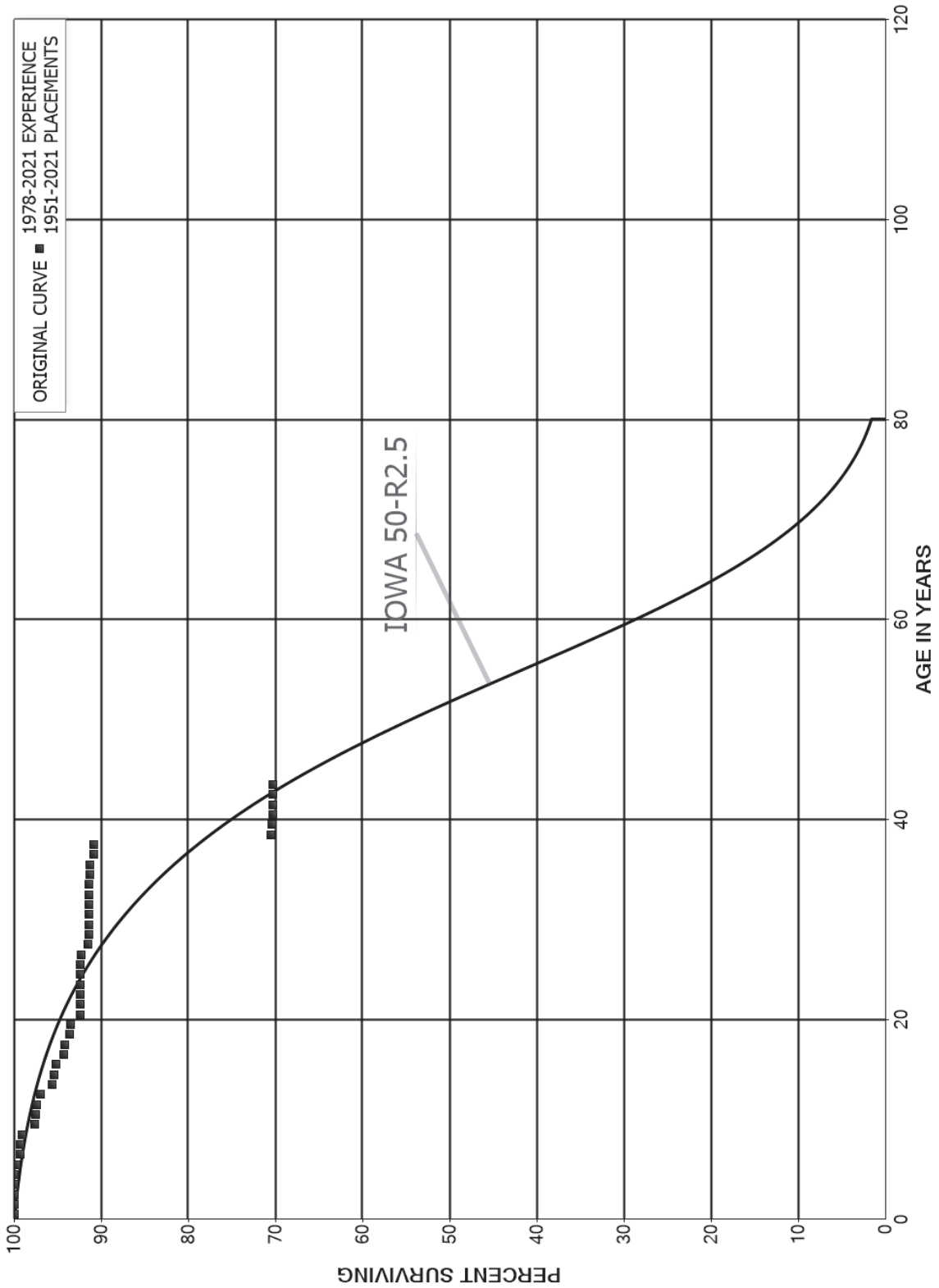
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1973-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	78,222,249	413,014	0.0053	0.9947	59.94
40.5	15,581,858	3,222,303	0.2068	0.7932	59.62
41.5	12,359,555	2,637,192	0.2134	0.7866	47.29
42.5	9,722,055	138,202	0.0142	0.9858	37.20
43.5	9,583,853	455,929	0.0476	0.9524	36.67
44.5	9,127,924	3,581,098	0.3923	0.6077	34.93
45.5	5,546,826	2,663,454	0.4802	0.5198	21.22
46.5	2,883,372		0.0000	1.0000	11.03
47.5	235,948		0.0000	1.0000	11.03
48.5					11.03

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1951-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	659,320,440		0.0000	1.0000	100.00
0.5	614,235,730	24,650	0.0000	1.0000	100.00
1.5	578,851,286	75,774	0.0001	0.9999	100.00
2.5	558,979,449	181,538	0.0003	0.9997	99.98
3.5	552,283,685	323,744	0.0006	0.9994	99.95
4.5	539,224,872	611,432	0.0011	0.9989	99.89
5.5	513,633,849	2,431,855	0.0047	0.9953	99.78
6.5	473,174,279	194,556	0.0004	0.9996	99.31
7.5	446,318,093	1,095,170	0.0025	0.9975	99.27
8.5	425,003,100	5,908,713	0.0139	0.9861	99.02
9.5	404,253,204	765,482	0.0019	0.9981	97.65
10.5	383,277,109	40,527	0.0001	0.9999	97.46
11.5	367,144,607	2,028,875	0.0055	0.9945	97.45
12.5	340,546,445	4,497,804	0.0132	0.9868	96.91
13.5	319,459,389	672,950	0.0021	0.9979	95.63
14.5	307,737,288	674,576	0.0022	0.9978	95.43
15.5	294,982,504	2,867,995	0.0097	0.9903	95.22
16.5	284,072,941	282,277	0.0010	0.9990	94.29
17.5	278,686,963	1,601,155	0.0057	0.9943	94.20
18.5	269,902,291	310,805	0.0012	0.9988	93.66
19.5	260,827,940	3,108,510	0.0119	0.9881	93.55
20.5	249,315,957	7,014	0.0000	1.0000	92.44
21.5	242,254,844	58,650	0.0002	0.9998	92.43
22.5	236,971,759	47,786	0.0002	0.9998	92.41
23.5	230,317,711	44,986	0.0002	0.9998	92.39
24.5	220,363,859	6,244	0.0000	1.0000	92.38
25.5	208,175,423	256,063	0.0012	0.9988	92.37
26.5	196,303,878	1,647,353	0.0084	0.9916	92.26
27.5	177,713,637	144,903	0.0008	0.9992	91.49
28.5	162,278,940	11,762	0.0001	0.9999	91.41
29.5	149,462,698	4,159	0.0000	1.0000	91.40
30.5	138,156,647		0.0000	1.0000	91.40
31.5	121,506,709	18,059	0.0001	0.9999	91.40
32.5	115,621,396	2,434	0.0000	1.0000	91.39
33.5	109,730,574	89,134	0.0008	0.9992	91.39
34.5	103,919,163	57,922	0.0006	0.9994	91.31
35.5	90,599,717	473,298	0.0052	0.9948	91.26
36.5	80,069,019	326	0.0000	1.0000	90.78
37.5	58,243,112	12,989,069	0.2230	0.7770	90.78
38.5	43,174,965	119,465	0.0028	0.9972	70.54

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

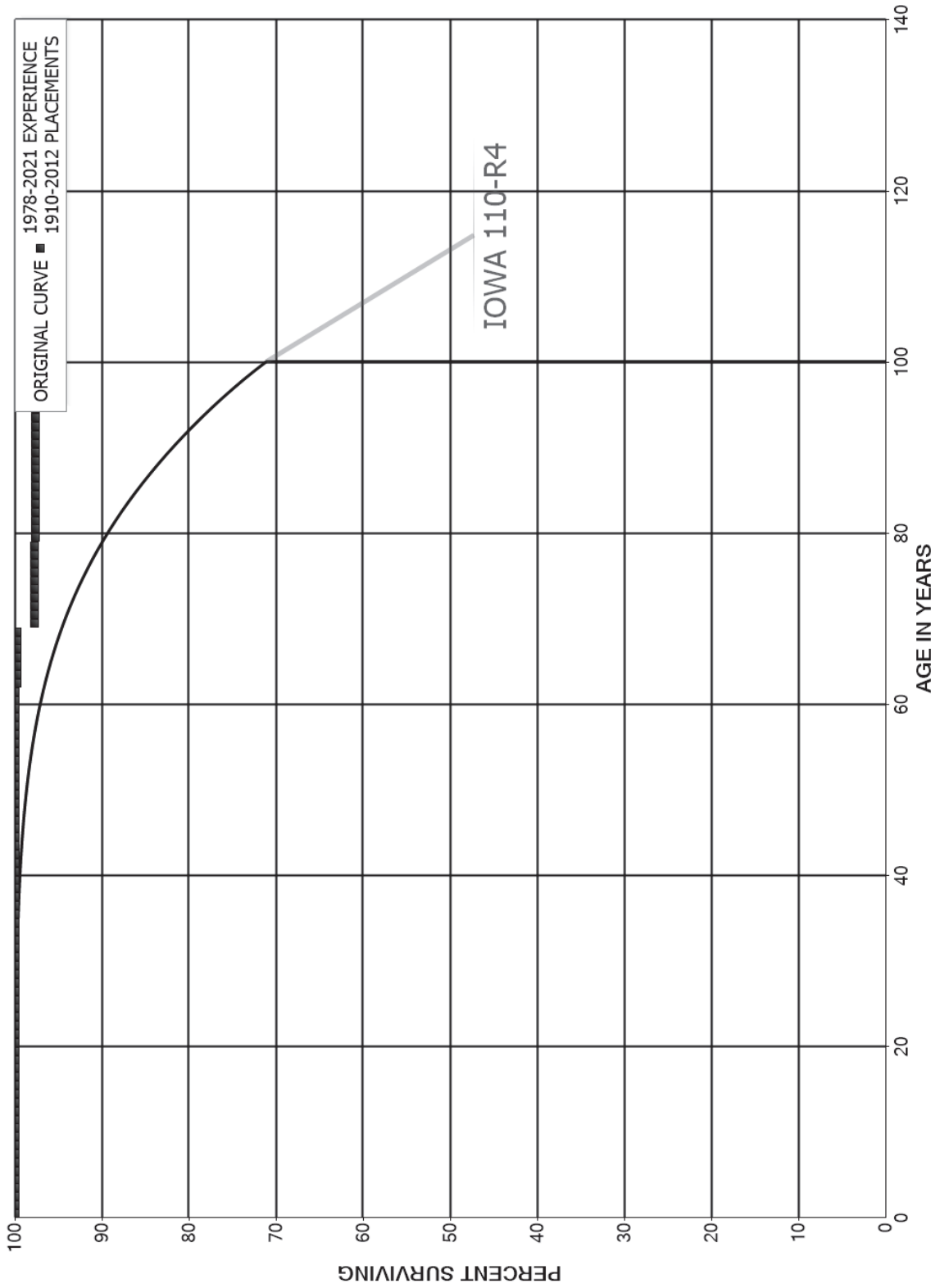
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1951-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	42,537,105	25,943	0.0006	0.9994	70.34
40.5	2,438,759		0.0000	1.0000	70.30
41.5	2,323,848	83	0.0000	1.0000	70.30
42.5	1,921,727		0.0000	1.0000	70.30
43.5	1,434,653		0.0000	1.0000	70.30
44.5	1,015,037		0.0000	1.0000	70.30
45.5	984,906		0.0000	1.0000	70.30
46.5					70.30

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 330.00 RIGHTS OF WAY
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE

PLACEMENT BAND 1910-2012 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	841,697		0.0000	1.0000	100.00
0.5	841,697		0.0000	1.0000	100.00
1.5	841,697		0.0000	1.0000	100.00
2.5	846,256		0.0000	1.0000	100.00
3.5	850,337		0.0000	1.0000	100.00
4.5	1,112,481		0.0000	1.0000	100.00
5.5	1,116,652		0.0000	1.0000	100.00
6.5	12,846,650		0.0000	1.0000	100.00
7.5	13,215,691		0.0000	1.0000	100.00
8.5	13,212,835		0.0000	1.0000	100.00
9.5	13,236,414		0.0000	1.0000	100.00
10.5	13,236,414		0.0000	1.0000	100.00
11.5	13,236,414		0.0000	1.0000	100.00
12.5	13,236,414		0.0000	1.0000	100.00
13.5	20,137,454		0.0000	1.0000	100.00
14.5	20,574,927		0.0000	1.0000	100.00
15.5	20,137,454		0.0000	1.0000	100.00
16.5	20,137,454		0.0000	1.0000	100.00
17.5	20,137,454		0.0000	1.0000	100.00
18.5	20,173,630		0.0000	1.0000	100.00
19.5	20,173,630		0.0000	1.0000	100.00
20.5	20,173,630		0.0000	1.0000	100.00
21.5	20,173,768		0.0000	1.0000	100.00
22.5	20,173,768		0.0000	1.0000	100.00
23.5	20,169,413		0.0000	1.0000	100.00
24.5	20,169,413		0.0000	1.0000	100.00
25.5	20,169,787		0.0000	1.0000	100.00
26.5	20,169,787	253	0.0000	1.0000	100.00
27.5	20,169,534		0.0000	1.0000	100.00
28.5	20,158,362		0.0000	1.0000	100.00
29.5	20,158,362		0.0000	1.0000	100.00
30.5	19,434,670		0.0000	1.0000	100.00
31.5	19,434,670	8,273	0.0004	0.9996	100.00
32.5	19,436,914		0.0000	1.0000	99.96
33.5	19,436,914		0.0000	1.0000	99.96
34.5	19,362,868		0.0000	1.0000	99.96
35.5	19,362,868		0.0000	1.0000	99.96
36.5	19,362,868		0.0000	1.0000	99.96
37.5	19,362,868		0.0000	1.0000	99.96
38.5	19,362,868		0.0000	1.0000	99.96

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1910-2012 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	19,361,261		0.0000	1.0000	99.96
40.5	19,361,261		0.0000	1.0000	99.96
41.5	19,361,261		0.0000	1.0000	99.96
42.5	19,326,737		0.0000	1.0000	99.96
43.5	19,326,737		0.0000	1.0000	99.96
44.5	19,322,656		0.0000	1.0000	99.96
45.5	19,322,656		0.0000	1.0000	99.96
46.5	19,318,485		0.0000	1.0000	99.96
47.5	19,282,309		0.0000	1.0000	99.96
48.5	18,957,451		0.0000	1.0000	99.96
49.5	19,662,084		0.0000	1.0000	99.96
50.5	7,908,489		0.0000	1.0000	99.96
51.5	7,908,931		0.0000	1.0000	99.96
52.5	9,309,419		0.0000	1.0000	99.96
53.5	9,310,239		0.0000	1.0000	99.96
54.5	9,629,797		0.0000	1.0000	99.96
55.5	9,630,926		0.0000	1.0000	99.96
56.5	9,641,747		0.0000	1.0000	99.96
57.5	2,762,226	25	0.0000	1.0000	99.96
58.5	3,354,681		0.0000	1.0000	99.96
59.5	3,344,902		0.0000	1.0000	99.96
60.5	3,350,789		0.0000	1.0000	99.96
61.5	3,386,885	8,818	0.0026	0.9974	99.96
62.5	3,392,121		0.0000	1.0000	99.70
63.5	3,393,193		0.0000	1.0000	99.70
64.5	3,394,068		0.0000	1.0000	99.70
65.5	3,402,145		0.0000	1.0000	99.70
66.5	3,403,138		0.0000	1.0000	99.70
67.5	3,462,794		0.0000	1.0000	99.70
68.5	3,504,797	67,995	0.0194	0.9806	99.70
69.5	3,437,137	442	0.0001	0.9999	97.76
70.5	3,436,581		0.0000	1.0000	97.75
71.5	3,435,525		0.0000	1.0000	97.75
72.5	3,428,987		0.0000	1.0000	97.75
73.5	3,427,915		0.0000	1.0000	97.75
74.5	3,427,376		0.0000	1.0000	97.75
75.5	3,431,205		0.0000	1.0000	97.75
76.5	3,431,205		0.0000	1.0000	97.75
77.5	3,431,205		0.0000	1.0000	97.75
78.5	3,447,616	6,613	0.0019	0.9981	97.75

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

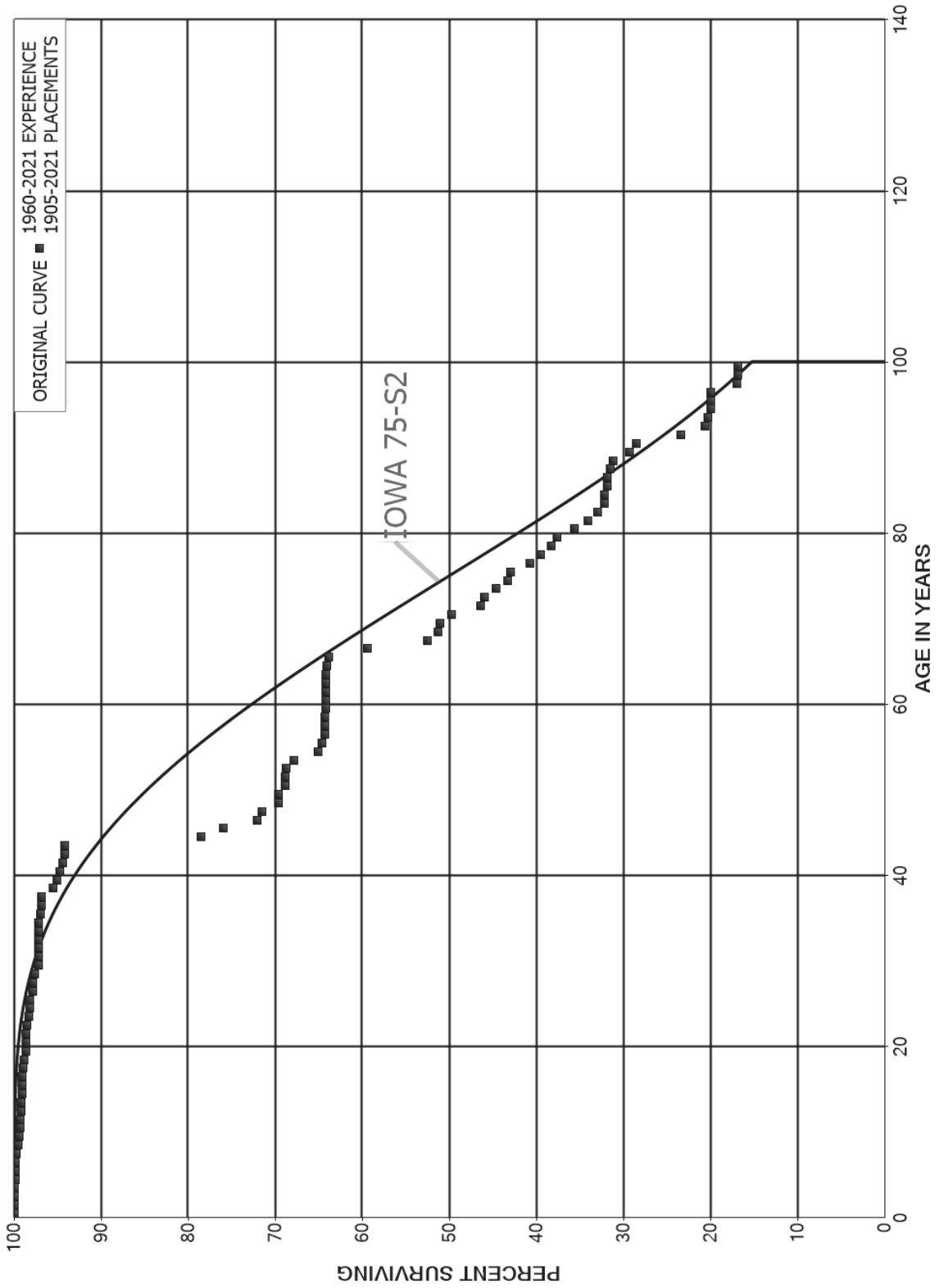
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1910-2012 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	3,379,482		0.0000	1.0000	97.56
80.5	3,326,507		0.0000	1.0000	97.56
81.5	3,326,507		0.0000	1.0000	97.56
82.5	3,327,593		0.0000	1.0000	97.56
83.5	3,327,593		0.0000	1.0000	97.56
84.5	3,277,166		0.0000	1.0000	97.56
85.5	3,277,166		0.0000	1.0000	97.56
86.5	3,277,166		0.0000	1.0000	97.56
87.5	3,277,166		0.0000	1.0000	97.56
88.5	3,277,166		0.0000	1.0000	97.56
89.5	3,277,166		0.0000	1.0000	97.56
90.5	3,277,166		0.0000	1.0000	97.56
91.5	3,277,166		0.0000	1.0000	97.56
92.5	3,031,050		0.0000	1.0000	97.56
93.5	2,335,260		0.0000	1.0000	97.56
94.5	2,335,260		0.0000	1.0000	97.56
95.5	2,335,260		0.0000	1.0000	97.56
96.5	982,391		0.0000	1.0000	97.56
97.5	982,391		0.0000	1.0000	97.56
98.5	662,833		0.0000	1.0000	97.56
99.5	662,833		0.0000	1.0000	97.56
100.5	662,833		0.0000	1.0000	97.56
101.5	662,833		0.0000	1.0000	97.56
102.5	58,904		0.0000	1.0000	97.56
103.5	58,904		0.0000	1.0000	97.56
104.5	58,904		0.0000	1.0000	97.56
105.5	23,108		0.0000	1.0000	97.56
106.5	15,682		0.0000	1.0000	97.56
107.5	15,682		0.0000	1.0000	97.56
108.5	15,682		0.0000	1.0000	97.56
109.5	15,682		0.0000	1.0000	97.56
110.5	15,682		0.0000	1.0000	97.56
111.5					97.56

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	532,848,211	3,650	0.0000	1.0000	100.00
0.5	516,500,407	137,937	0.0003	0.9997	100.00
1.5	505,652,006	80,207	0.0002	0.9998	99.97
2.5	476,825,924	65,061	0.0001	0.9999	99.96
3.5	448,170,045	261,815	0.0006	0.9994	99.94
4.5	401,324,060	298,729	0.0007	0.9993	99.88
5.5	393,744,336		0.0000	1.0000	99.81
6.5	387,182,406	151,586	0.0004	0.9996	99.81
7.5	383,045,639	1,098,837	0.0029	0.9971	99.77
8.5	377,485,155	235,630	0.0006	0.9994	99.49
9.5	371,612,511	434,104	0.0012	0.9988	99.42
10.5	308,323,722	131,634	0.0004	0.9996	99.31
11.5	306,800,203	158,273	0.0005	0.9995	99.26
12.5	304,715,821	226,677	0.0007	0.9993	99.21
13.5	302,826,810	157,790	0.0005	0.9995	99.14
14.5	301,898,916	114,374	0.0004	0.9996	99.09
15.5	300,026,794	48,950	0.0002	0.9998	99.05
16.5	298,878,727	325,094	0.0011	0.9989	99.03
17.5	298,098,854	370,543	0.0012	0.9988	98.93
18.5	297,672,360	496,303	0.0017	0.9983	98.80
19.5	295,245,895	59,641	0.0002	0.9998	98.64
20.5	293,468,201	83,157	0.0003	0.9997	98.62
21.5	287,174,579	200,651	0.0007	0.9993	98.59
22.5	280,537,870	750,828	0.0027	0.9973	98.52
23.5	277,723,908	196,205	0.0007	0.9993	98.26
24.5	271,960,029	24,650	0.0001	0.9999	98.19
25.5	267,927,172	899,627	0.0034	0.9966	98.18
26.5	264,517,258	100,552	0.0004	0.9996	97.85
27.5	262,395,129	642,451	0.0024	0.9976	97.81
28.5	261,174,877	945,462	0.0036	0.9964	97.57
29.5	255,756,944	93,744	0.0004	0.9996	97.22
30.5	36,463,323	5,621	0.0002	0.9998	97.18
31.5	36,268,089	8,203	0.0002	0.9998	97.17
32.5	36,402,975	7,563	0.0002	0.9998	97.15
33.5	36,187,708	1,832	0.0001	0.9999	97.13
34.5	36,697,145	61,399	0.0017	0.9983	97.12
35.5	36,379,781	67,056	0.0018	0.9982	96.96
36.5	36,493,964		0.0000	1.0000	96.78
37.5	33,375,484	433,941	0.0130	0.9870	96.78
38.5	32,902,738	149,223	0.0045	0.9955	95.52

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	32,837,204	141,785	0.0043	0.9957	95.09
40.5	33,181,422	95,413	0.0029	0.9971	94.68
41.5	32,862,278	64,737	0.0020	0.9980	94.41
42.5	32,782,055	2,964	0.0001	0.9999	94.22
43.5	32,901,684	5,485,367	0.1667	0.8333	94.21
44.5	27,444,359	882,574	0.0322	0.9678	78.51
45.5	26,520,530	1,352,610	0.0510	0.9490	75.98
46.5	24,183,469	185,288	0.0077	0.9923	72.11
47.5	23,986,276	654,394	0.0273	0.9727	71.55
48.5	12,275,723	6,368	0.0005	0.9995	69.60
49.5	12,366,806	124,785	0.0101	0.9899	69.56
50.5	12,517,143	14,075	0.0011	0.9989	68.86
51.5	12,581,067	11,566	0.0009	0.9991	68.79
52.5	12,804,111	172,080	0.0134	0.9866	68.72
53.5	12,627,274	511,012	0.0405	0.9595	67.80
54.5	12,383,158	82,234	0.0066	0.9934	65.05
55.5	12,300,046	70,176	0.0057	0.9943	64.62
56.5	12,225,811		0.0000	1.0000	64.25
57.5	12,225,482	2,800	0.0002	0.9998	64.25
58.5	5,630,062	1,440	0.0003	0.9997	64.24
59.5	5,627,399	2,339	0.0004	0.9996	64.22
60.5	5,625,029	1,547	0.0003	0.9997	64.20
61.5	5,623,435	363	0.0001	0.9999	64.18
62.5	5,623,072	1,676	0.0003	0.9997	64.17
63.5	5,620,730	6,235	0.0011	0.9989	64.16
64.5	5,613,571	17,277	0.0031	0.9969	64.08
65.5	5,594,620	391,377	0.0700	0.9300	63.89
66.5	5,082,946	592,305	0.1165	0.8835	59.42
67.5	4,415,808	104,079	0.0236	0.9764	52.49
68.5	4,309,028	12,477	0.0029	0.9971	51.26
69.5	4,230,110	116,082	0.0274	0.9726	51.11
70.5	4,040,123	272,438	0.0674	0.9326	49.71
71.5	3,765,719	34,233	0.0091	0.9909	46.35
72.5	3,721,028	109,293	0.0294	0.9706	45.93
73.5	3,611,589	101,340	0.0281	0.9719	44.58
74.5	3,498,745	30,475	0.0087	0.9913	43.33
75.5	3,466,247	183,151	0.0528	0.9472	42.96
76.5	3,274,933	92,877	0.0284	0.9716	40.69
77.5	3,166,359	99,916	0.0316	0.9684	39.53
78.5	3,058,329	57,555	0.0188	0.9812	38.28

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

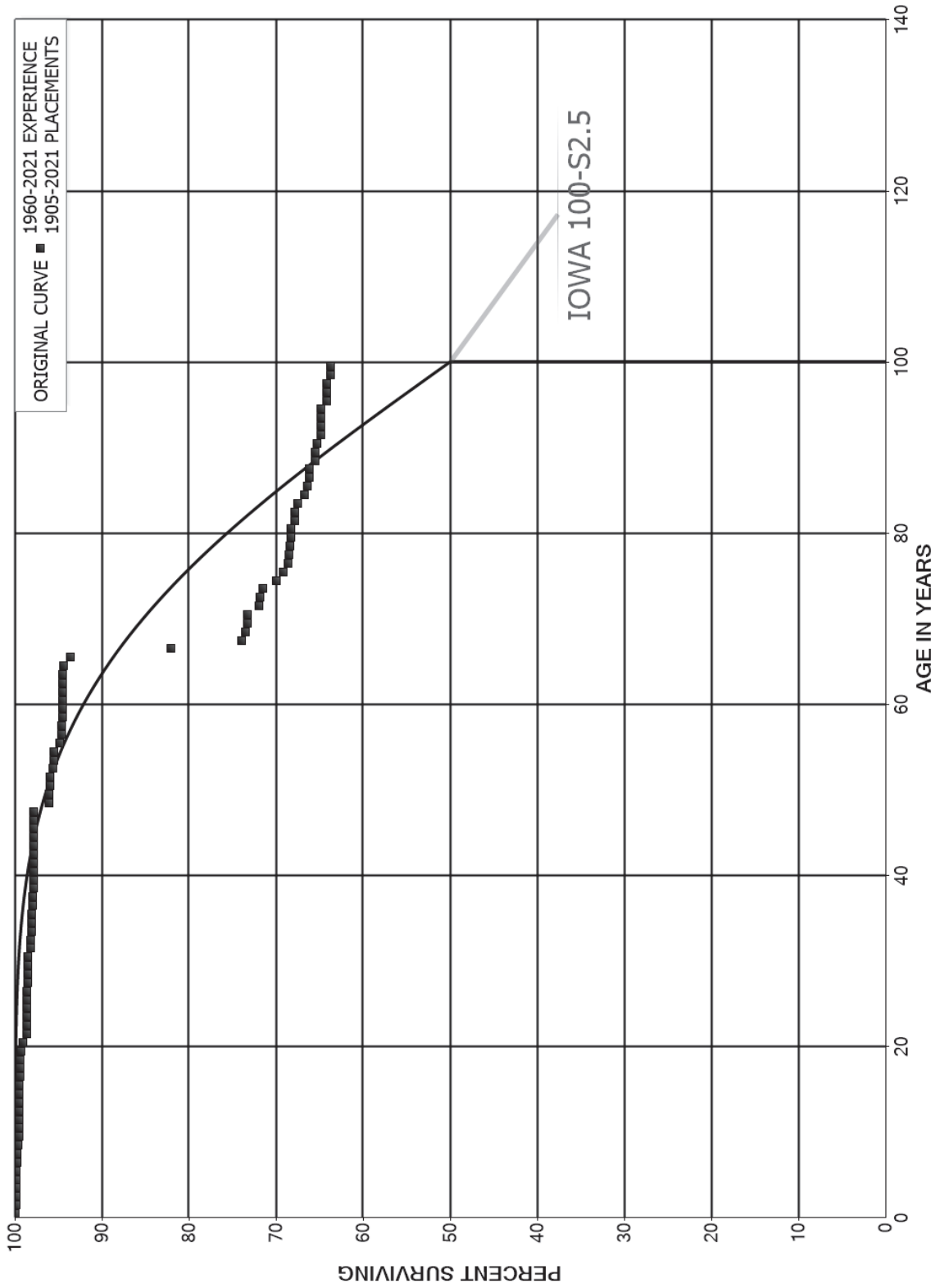
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	2,643,281	135,758	0.0514	0.9486	37.56
80.5	1,957,475	89,221	0.0456	0.9544	35.63
81.5	1,868,254	60,047	0.0321	0.9679	34.01
82.5	1,808,207	39,705	0.0220	0.9780	32.92
83.5	1,768,502	143	0.0001	0.9999	32.19
84.5	1,768,359	18,595	0.0105	0.9895	32.19
85.5	1,749,764	1,093	0.0006	0.9994	31.85
86.5	1,748,671	17,841	0.0102	0.9898	31.83
87.5	1,730,830	17,541	0.0101	0.9899	31.51
88.5	1,713,289	102,665	0.0599	0.9401	31.19
89.5	1,610,624	45,152	0.0280	0.9720	29.32
90.5	1,526,243	273,302	0.1791	0.8209	28.50
91.5	1,252,941	149,199	0.1191	0.8809	23.40
92.5	1,094,915	17,981	0.0164	0.9836	20.61
93.5	1,076,934	14,220	0.0132	0.9868	20.27
94.5	992,274	2,833	0.0029	0.9971	20.00
95.5	980,300	1,252	0.0013	0.9987	19.95
96.5	893,646	131,587	0.1472	0.8528	19.92
97.5	762,059	6,094	0.0080	0.9920	16.99
98.5	716,004	148	0.0002	0.9998	16.85
99.5	677,072	3,431	0.0051	0.9949	16.85
100.5	673,641	2,382	0.0035	0.9965	16.76
101.5	671,259		0.0000	1.0000	16.70
102.5	561,941		0.0000	1.0000	16.70
103.5	561,941	38,679	0.0688	0.9312	16.70
104.5	523,262		0.0000	1.0000	15.55
105.5	523,262		0.0000	1.0000	15.55
106.5	523,262	11,281	0.0216	0.9784	15.55
107.5	511,981	218	0.0004	0.9996	15.22
108.5	511,763		0.0000	1.0000	15.21
109.5	263,021	1,483	0.0056	0.9944	15.21
110.5	261,538		0.0000	1.0000	15.13
111.5	194,863		0.0000	1.0000	15.13
112.5	194,863	939	0.0048	0.9952	15.13
113.5	193,923	196	0.0010	0.9990	15.05
114.5					15.04

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	898,290,827		0.0000	1.0000	100.00
0.5	883,533,165	1,388,853	0.0016	0.9984	100.00
1.5	859,160,072		0.0000	1.0000	99.84
2.5	788,289,588		0.0000	1.0000	99.84
3.5	788,164,485		0.0000	1.0000	99.84
4.5	778,508,116	141,597	0.0002	0.9998	99.84
5.5	771,111,989	430,868	0.0006	0.9994	99.82
6.5	766,640,191	282,060	0.0004	0.9996	99.77
7.5	763,431,487	1,317,330	0.0017	0.9983	99.73
8.5	760,260,504	19,286	0.0000	1.0000	99.56
9.5	758,453,766	91,250	0.0001	0.9999	99.56
10.5	745,164,771	172,800	0.0002	0.9998	99.55
11.5	739,887,606	27,687	0.0000	1.0000	99.52
12.5	681,937,737		0.0000	1.0000	99.52
13.5	654,842,171	354,145	0.0005	0.9995	99.52
14.5	649,209,095	53,591	0.0001	0.9999	99.46
15.5	645,715,084	216,801	0.0003	0.9997	99.46
16.5	633,065,173	260,198	0.0004	0.9996	99.42
17.5	628,268,838	39,659	0.0001	0.9999	99.38
18.5	637,233,699	583,305	0.0009	0.9991	99.38
19.5	624,375,547	1,562,680	0.0025	0.9975	99.29
20.5	616,273,122	2,493,539	0.0040	0.9960	99.04
21.5	605,195,964	11,688	0.0000	1.0000	98.64
22.5	592,775,664	2,290	0.0000	1.0000	98.63
23.5	588,882,427	46,850	0.0001	0.9999	98.63
24.5	586,823,124	45,448	0.0001	0.9999	98.63
25.5	586,080,988	145,975	0.0002	0.9998	98.62
26.5	583,094,532	201,301	0.0003	0.9997	98.59
27.5	576,450,929	184,162	0.0003	0.9997	98.56
28.5	576,021,214	23,871	0.0000	1.0000	98.53
29.5	575,959,872	64,317	0.0001	0.9999	98.52
30.5	127,011,817	396,929	0.0031	0.9969	98.51
31.5	126,797,277	82,067	0.0006	0.9994	98.21
32.5	127,720,549	70,115	0.0005	0.9995	98.14
33.5	127,361,785		0.0000	1.0000	98.09
34.5	129,742,247	39,286	0.0003	0.9997	98.09
35.5	129,837,166	83,930	0.0006	0.9994	98.06
36.5	130,870,843	8,617	0.0001	0.9999	97.99
37.5	130,781,751	159,054	0.0012	0.9988	97.99
38.5	130,622,697		0.0000	1.0000	97.87

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	131,328,333	76,538	0.0006	0.9994	97.87
40.5	137,703,001		0.0000	1.0000	97.81
41.5	137,671,100		0.0000	1.0000	97.81
42.5	138,014,421		0.0000	1.0000	97.81
43.5	138,589,509		0.0000	1.0000	97.81
44.5	139,762,886		0.0000	1.0000	97.81
45.5	139,734,532		0.0000	1.0000	97.81
46.5	139,061,371	2,366	0.0000	1.0000	97.81
47.5	139,002,747	2,546,718	0.0183	0.9817	97.81
48.5	90,031,991		0.0000	1.0000	96.02
49.5	91,047,392	99,925	0.0011	0.9989	96.02
50.5	75,115,664		0.0000	1.0000	95.91
51.5	75,857,298	204,870	0.0027	0.9973	95.91
52.5	76,519,199	133,341	0.0017	0.9983	95.65
53.5	76,385,858	3,421	0.0000	1.0000	95.49
54.5	76,413,353	531,363	0.0070	0.9930	95.48
55.5	75,859,467	159,971	0.0021	0.9979	94.82
56.5	75,699,496	2,338	0.0000	1.0000	94.62
57.5	75,697,108	46,382	0.0006	0.9994	94.62
58.5	60,017,758		0.0000	1.0000	94.56
59.5	60,017,546		0.0000	1.0000	94.56
60.5	60,013,153		0.0000	1.0000	94.56
61.5	60,013,153	13	0.0000	1.0000	94.56
62.5	59,969,252	63,713	0.0011	0.9989	94.56
63.5	59,894,714	23,885	0.0004	0.9996	94.46
64.5	59,853,831	528,320	0.0088	0.9912	94.42
65.5	59,324,471	7,279,922	0.1227	0.8773	93.59
66.5	48,877,448	4,823,290	0.0987	0.9013	82.10
67.5	42,534,203	299,823	0.0070	0.9930	74.00
68.5	42,234,034	91,276	0.0022	0.9978	73.48
69.5	41,342,702	24,692	0.0006	0.9994	73.32
70.5	41,028,931	741,116	0.0181	0.9819	73.28
71.5	39,938,761	81,488	0.0020	0.9980	71.95
72.5	38,687,182	187,484	0.0048	0.9952	71.81
73.5	38,499,517	827,996	0.0215	0.9785	71.46
74.5	37,662,821	386,946	0.0103	0.9897	69.92
75.5	37,242,203	334,620	0.0090	0.9910	69.20
76.5	36,891,703	57,958	0.0016	0.9984	68.58
77.5	36,745,115	45,288	0.0012	0.9988	68.47
78.5	36,699,165	63,954	0.0017	0.9983	68.39

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

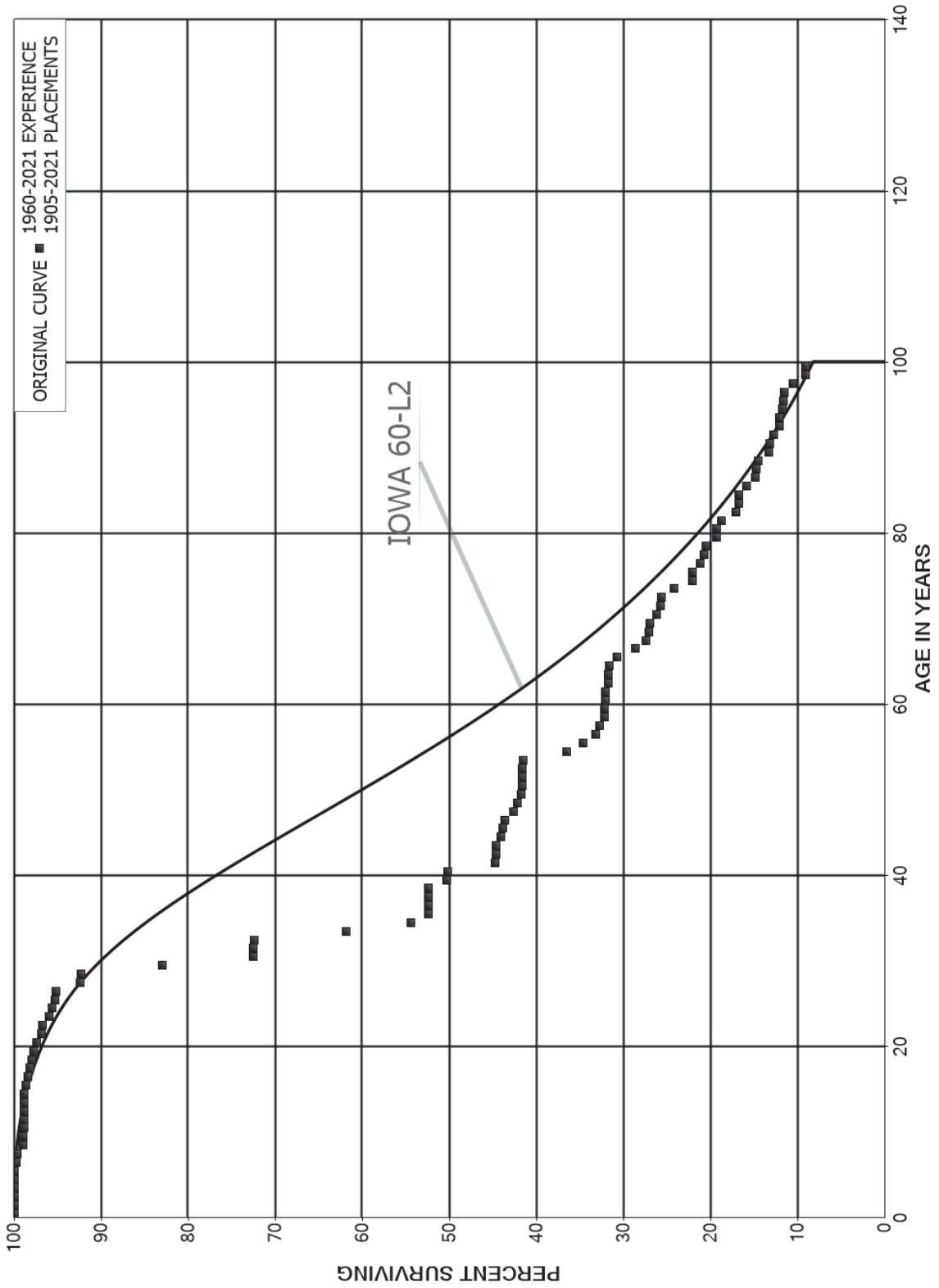
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	29,384,486		0.0000	1.0000	68.27
80.5	24,620,294	154,389	0.0063	0.9937	68.27
81.5	24,465,780	4,868	0.0002	0.9998	67.84
82.5	24,460,912	98,340	0.0040	0.9960	67.83
83.5	24,354,953	289,488	0.0119	0.9881	67.56
84.5	24,065,465	131,434	0.0055	0.9945	66.75
85.5	23,934,031	60,689	0.0025	0.9975	66.39
86.5	23,798,686	1,435	0.0001	0.9999	66.22
87.5	23,797,252	250,004	0.0105	0.9895	66.22
88.5	23,450,026		0.0000	1.0000	65.52
89.5	23,448,259	97,221	0.0041	0.9959	65.52
90.5	23,306,248	135,567	0.0058	0.9942	65.25
91.5	23,170,680	30,550	0.0013	0.9987	64.87
92.5	23,096,484		0.0000	1.0000	64.78
93.5	21,347,183		0.0000	1.0000	64.78
94.5	20,042,601	193,195	0.0096	0.9904	64.78
95.5	18,474,069		0.0000	1.0000	64.16
96.5	14,483,754		0.0000	1.0000	64.16
97.5	14,483,754	100,000	0.0069	0.9931	64.16
98.5	11,417,904	5,857	0.0005	0.9995	63.72
99.5	11,412,047		0.0000	1.0000	63.68
100.5	11,412,047		0.0000	1.0000	63.68
101.5	11,412,047		0.0000	1.0000	63.68
102.5	4,652,462		0.0000	1.0000	63.68
103.5	4,652,462	326	0.0001	0.9999	63.68
104.5	4,652,136	65,394	0.0141	0.9859	63.68
105.5	4,187,980		0.0000	1.0000	62.78
106.5	3,091,171	7,878	0.0025	0.9975	62.78
107.5	3,083,293		0.0000	1.0000	62.62
108.5	3,083,293	1,956	0.0006	0.9994	62.62
109.5	2,981,338	17,113	0.0057	0.9943	62.58
110.5	2,964,224		0.0000	1.0000	62.22
111.5	1,438,512		0.0000	1.0000	62.22
112.5	853,426		0.0000	1.0000	62.22
113.5	853,426		0.0000	1.0000	62.22
114.5					62.22

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	985,415,396		0.0000	1.0000	100.00
0.5	912,775,880		0.0000	1.0000	100.00
1.5	814,522,618	57,151	0.0001	0.9999	100.00
2.5	689,957,779	84,559	0.0001	0.9999	99.99
3.5	657,712,454	296,523	0.0005	0.9995	99.98
4.5	642,517,834	29,540	0.0000	1.0000	99.94
5.5	625,067,184	1,454,349	0.0023	0.9977	99.93
6.5	615,113,471	262,784	0.0004	0.9996	99.70
7.5	577,200,880	4,079,443	0.0071	0.9929	99.66
8.5	551,246,555	184,387	0.0003	0.9997	98.95
9.5	549,651,581	199,806	0.0004	0.9996	98.92
10.5	508,923,600		0.0000	1.0000	98.88
11.5	507,943,939	41,147	0.0001	0.9999	98.88
12.5	507,792,497	48,895	0.0001	0.9999	98.87
13.5	506,897,717	339,271	0.0007	0.9993	98.87
14.5	479,243,074	880,498	0.0018	0.9982	98.80
15.5	472,000,729	1,255,358	0.0027	0.9973	98.62
16.5	448,150,216	1,019,396	0.0023	0.9977	98.36
17.5	427,406,224	724,062	0.0017	0.9983	98.13
18.5	420,875,300	1,129,386	0.0027	0.9973	97.97
19.5	412,497,046	1,108,155	0.0027	0.9973	97.70
20.5	393,522,782	2,430,548	0.0062	0.9938	97.44
21.5	372,158,503	525,863	0.0014	0.9986	96.84
22.5	356,115,699	2,793,221	0.0078	0.9922	96.70
23.5	346,871,500	1,054,081	0.0030	0.9970	95.94
24.5	319,603,603	1,327,397	0.0042	0.9958	95.65
25.5	305,545,697	275,128	0.0009	0.9991	95.25
26.5	293,717,423	8,404,699	0.0286	0.9714	95.17
27.5	280,364,306	593,658	0.0021	0.9979	92.44
28.5	271,215,748	27,279,842	0.1006	0.8994	92.25
29.5	241,780,368	30,572,698	0.1264	0.8736	82.97
30.5	48,747,434	464	0.0000	1.0000	72.48
31.5	48,825,415	32,009	0.0007	0.9993	72.48
32.5	49,464,808	7,207,236	0.1457	0.8543	72.43
33.5	42,227,199	5,128,440	0.1214	0.8786	61.88
34.5	38,417,594	1,389,579	0.0362	0.9638	54.36
35.5	37,206,179		0.0000	1.0000	52.40
36.5	38,281,135		0.0000	1.0000	52.40
37.5	38,227,759	5,071	0.0001	0.9999	52.40
38.5	38,071,720	1,561,876	0.0410	0.9590	52.39

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	36,691,429	77,003	0.0021	0.9979	50.24
40.5	37,748,644	4,086,785	0.1083	0.8917	50.13
41.5	33,661,580	54,896	0.0016	0.9984	44.71
42.5	33,606,488	30,900	0.0009	0.9991	44.63
43.5	33,885,698	434,887	0.0128	0.9872	44.59
44.5	33,568,935	142,217	0.0042	0.9958	44.02
45.5	33,266,136	180,579	0.0054	0.9946	43.83
46.5	30,519,962	704,218	0.0231	0.9769	43.60
47.5	29,793,175	323,423	0.0109	0.9891	42.59
48.5	21,772,328	182,726	0.0084	0.9916	42.13
49.5	21,952,316	77,959	0.0036	0.9964	41.77
50.5	22,728,182		0.0000	1.0000	41.63
51.5	22,899,214	1,065	0.0000	1.0000	41.63
52.5	23,325,923	81,300	0.0035	0.9965	41.62
53.5	23,243,392	2,809,899	0.1209	0.8791	41.48
54.5	20,548,630	1,071,289	0.0521	0.9479	36.46
55.5	19,476,838	789,067	0.0405	0.9595	34.56
56.5	18,687,771	262,550	0.0140	0.9860	33.16
57.5	18,425,222	277,362	0.0151	0.9849	32.70
58.5	10,591,327	2,008	0.0002	0.9998	32.20
59.5	10,589,319	38,609	0.0036	0.9964	32.20
60.5	10,550,710		0.0000	1.0000	32.08
61.5	10,550,330	116,371	0.0110	0.9890	32.08
62.5	10,426,671	5,268	0.0005	0.9995	31.73
63.5	10,420,003	22,114	0.0021	0.9979	31.71
64.5	10,397,518	312,769	0.0301	0.9699	31.64
65.5	10,081,451	684,602	0.0679	0.9321	30.69
66.5	9,356,892	408,136	0.0436	0.9564	28.61
67.5	8,945,447	81,400	0.0091	0.9909	27.36
68.5	8,829,113	40,554	0.0046	0.9954	27.11
69.5	8,740,983	250,772	0.0287	0.9713	26.99
70.5	8,359,606	172,798	0.0207	0.9793	26.21
71.5	8,186,307	4,867	0.0006	0.9994	25.67
72.5	8,146,808	471,902	0.0579	0.9421	25.66
73.5	7,674,596	678,688	0.0884	0.9116	24.17
74.5	6,995,908	5,625	0.0008	0.9992	22.03
75.5	6,990,096	253,088	0.0362	0.9638	22.01
76.5	6,681,198	168,401	0.0252	0.9748	21.22
77.5	6,481,351	43,119	0.0067	0.9933	20.68
78.5	6,431,624	390,354	0.0607	0.9393	20.54

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

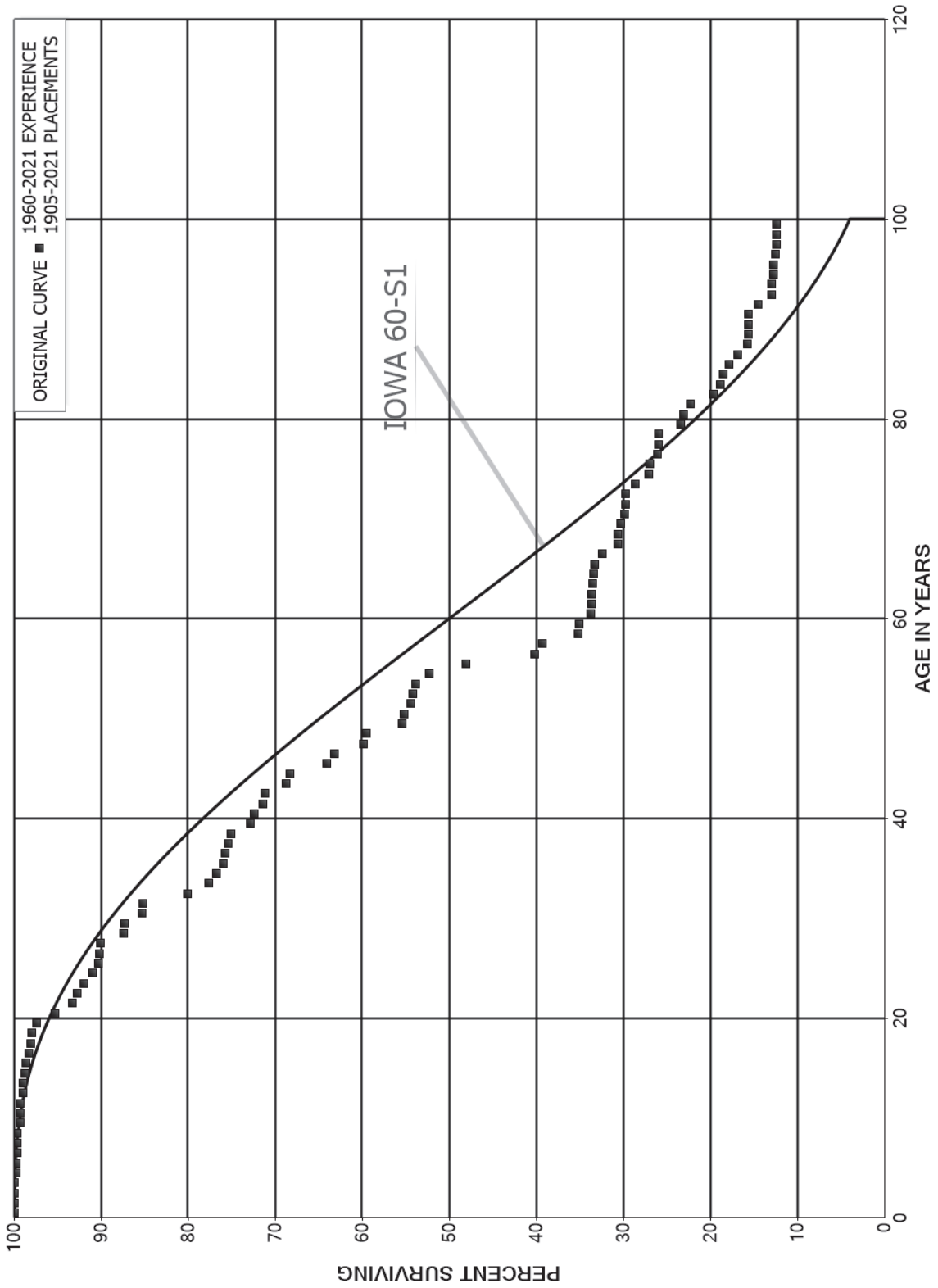
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	5,816,342	1,305	0.0002	0.9998	19.30
80.5	5,425,490	172,125	0.0317	0.9683	19.29
81.5	5,253,365	450,121	0.0857	0.9143	18.68
82.5	4,803,245	87,705	0.0183	0.9817	17.08
83.5	4,715,539		0.0000	1.0000	16.77
84.5	4,715,539	254,839	0.0540	0.9460	16.77
85.5	4,460,700	281,920	0.0632	0.9368	15.86
86.5	4,178,780	27,940	0.0067	0.9933	14.86
87.5	4,150,840	67,821	0.0163	0.9837	14.76
88.5	4,083,019	334,481	0.0819	0.9181	14.52
89.5	3,748,539	46,357	0.0124	0.9876	13.33
90.5	3,702,181	116,111	0.0314	0.9686	13.17
91.5	3,586,070	181,425	0.0506	0.9494	12.75
92.5	3,396,283	380	0.0001	0.9999	12.11
93.5	3,395,903	110,060	0.0324	0.9676	12.11
94.5	3,062,634	19,521	0.0064	0.9936	11.71
95.5	3,043,112	34,750	0.0114	0.9886	11.64
96.5	2,740,300	244,988	0.0894	0.9106	11.51
97.5	2,495,312	336,976	0.1350	0.8650	10.48
98.5	2,035,213		0.0000	1.0000	9.06
99.5	1,856,974	73,471	0.0396	0.9604	9.06
100.5	1,783,503	4,307	0.0024	0.9976	8.70
101.5	1,779,196	4,075	0.0023	0.9977	8.68
102.5	1,458,242	1,019	0.0007	0.9993	8.66
103.5	1,457,223		0.0000	1.0000	8.66
104.5	1,457,223		0.0000	1.0000	8.66
105.5	1,445,794	40	0.0000	1.0000	8.66
106.5	1,368,052		0.0000	1.0000	8.66
107.5	1,368,052		0.0000	1.0000	8.66
108.5	1,368,052		0.0000	1.0000	8.66
109.5	443,082	119,481	0.2697	0.7303	8.66
110.5	323,601		0.0000	1.0000	6.32
111.5	323,601		0.0000	1.0000	6.32
112.5	323,601		0.0000	1.0000	6.32
113.5	323,601		0.0000	1.0000	6.32
114.5					6.32

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	174,310,554		0.0000	1.0000	100.00
0.5	169,738,471	7,508	0.0000	1.0000	100.00
1.5	163,078,075	5,548	0.0000	1.0000	100.00
2.5	156,819,848		0.0000	1.0000	99.99
3.5	153,599,160	352,954	0.0023	0.9977	99.99
4.5	151,924,021	76,985	0.0005	0.9995	99.76
5.5	146,159,764	87,941	0.0006	0.9994	99.71
6.5	144,221,710	106,663	0.0007	0.9993	99.65
7.5	143,565,817	10,986	0.0001	0.9999	99.58
8.5	143,242,253	354,308	0.0025	0.9975	99.57
9.5	141,332,909	15,344	0.0001	0.9999	99.32
10.5	132,860,376	89,083	0.0007	0.9993	99.31
11.5	132,336,292	403,091	0.0030	0.9970	99.25
12.5	131,707,578	26,566	0.0002	0.9998	98.94
13.5	131,407,911	272,089	0.0021	0.9979	98.92
14.5	130,240,894	75,677	0.0006	0.9994	98.72
15.5	129,436,093	502,041	0.0039	0.9961	98.66
16.5	127,858,160	303,666	0.0024	0.9976	98.28
17.5	126,942,264	154,471	0.0012	0.9988	98.05
18.5	125,318,168	682,001	0.0054	0.9946	97.93
19.5	111,947,212	2,447,164	0.0219	0.9781	97.39
20.5	106,871,749	2,274,782	0.0213	0.9787	95.27
21.5	94,109,757	552,085	0.0059	0.9941	93.24
22.5	90,020,692	668,312	0.0074	0.9926	92.69
23.5	86,440,579	978,462	0.0113	0.9887	92.00
24.5	78,658,713	570,236	0.0072	0.9928	90.96
25.5	73,196,596	136,540	0.0019	0.9981	90.30
26.5	69,676,245	10,715	0.0002	0.9998	90.13
27.5	69,450,035	2,140,190	0.0308	0.9692	90.12
28.5	67,198,963	58,895	0.0009	0.9991	87.34
29.5	66,287,407	1,489,802	0.0225	0.9775	87.27
30.5	11,585,952	12,286	0.0011	0.9989	85.30
31.5	11,502,753	701,866	0.0610	0.9390	85.21
32.5	10,578,625	310,834	0.0294	0.9706	80.01
33.5	10,010,478	116,591	0.0116	0.9884	77.66
34.5	9,429,628	104,474	0.0111	0.9889	76.76
35.5	8,894,880	15,243	0.0017	0.9983	75.91
36.5	8,942,487	40,750	0.0046	0.9954	75.78
37.5	8,860,818	40,460	0.0046	0.9954	75.43
38.5	8,773,062	269,477	0.0307	0.9693	75.09

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	8,507,284	45,046	0.0053	0.9947	72.78
40.5	8,244,305	117,890	0.0143	0.9857	72.40
41.5	7,988,035	17,255	0.0022	0.9978	71.36
42.5	7,964,801	279,601	0.0351	0.9649	71.21
43.5	7,531,385	50,669	0.0067	0.9933	68.71
44.5	7,559,153	463,064	0.0613	0.9387	68.25
45.5	7,077,707	94,355	0.0133	0.9867	64.06
46.5	5,992,170	319,218	0.0533	0.9467	63.21
47.5	5,653,485	33,286	0.0059	0.9941	59.84
48.5	2,851,158	194,051	0.0681	0.9319	59.49
49.5	2,693,069	12,271	0.0046	0.9954	55.44
50.5	2,800,370	41,835	0.0149	0.9851	55.19
51.5	2,784,254	11,842	0.0043	0.9957	54.36
52.5	2,873,188	13,958	0.0049	0.9951	54.13
53.5	2,859,230	82,457	0.0288	0.9712	53.87
54.5	2,819,756	227,619	0.0807	0.9193	52.32
55.5	2,590,773	427,778	0.1651	0.8349	48.09
56.5	2,162,941	44,222	0.0204	0.9796	40.15
57.5	2,118,719	225,697	0.1065	0.8935	39.33
58.5	1,545,753	2,380	0.0015	0.9985	35.14
59.5	1,532,244	61,771	0.0403	0.9597	35.09
60.5	1,445,831	2,420	0.0017	0.9983	33.67
61.5	1,442,567	2,403	0.0017	0.9983	33.62
62.5	1,440,165	2,651	0.0018	0.9982	33.56
63.5	1,437,428	2,441	0.0017	0.9983	33.50
64.5	1,434,821	6,153	0.0043	0.9957	33.44
65.5	1,428,668	38,070	0.0266	0.9734	33.30
66.5	1,342,555	75,454	0.0562	0.9438	32.41
67.5	1,222,748	800	0.0007	0.9993	30.59
68.5	1,221,299	9,808	0.0080	0.9920	30.57
69.5	1,183,009	20,973	0.0177	0.9823	30.32
70.5	1,159,948	2,861	0.0025	0.9975	29.79
71.5	1,147,518	576	0.0005	0.9995	29.71
72.5	1,140,162	42,557	0.0373	0.9627	29.70
73.5	1,093,505	56,341	0.0515	0.9485	28.59
74.5	1,036,441	4,335	0.0042	0.9958	27.12
75.5	1,026,590	34,922	0.0340	0.9660	27.00
76.5	988,117	4,779	0.0048	0.9952	26.08
77.5	979,213	907	0.0009	0.9991	25.96
78.5	978,306	95,364	0.0975	0.9025	25.93

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

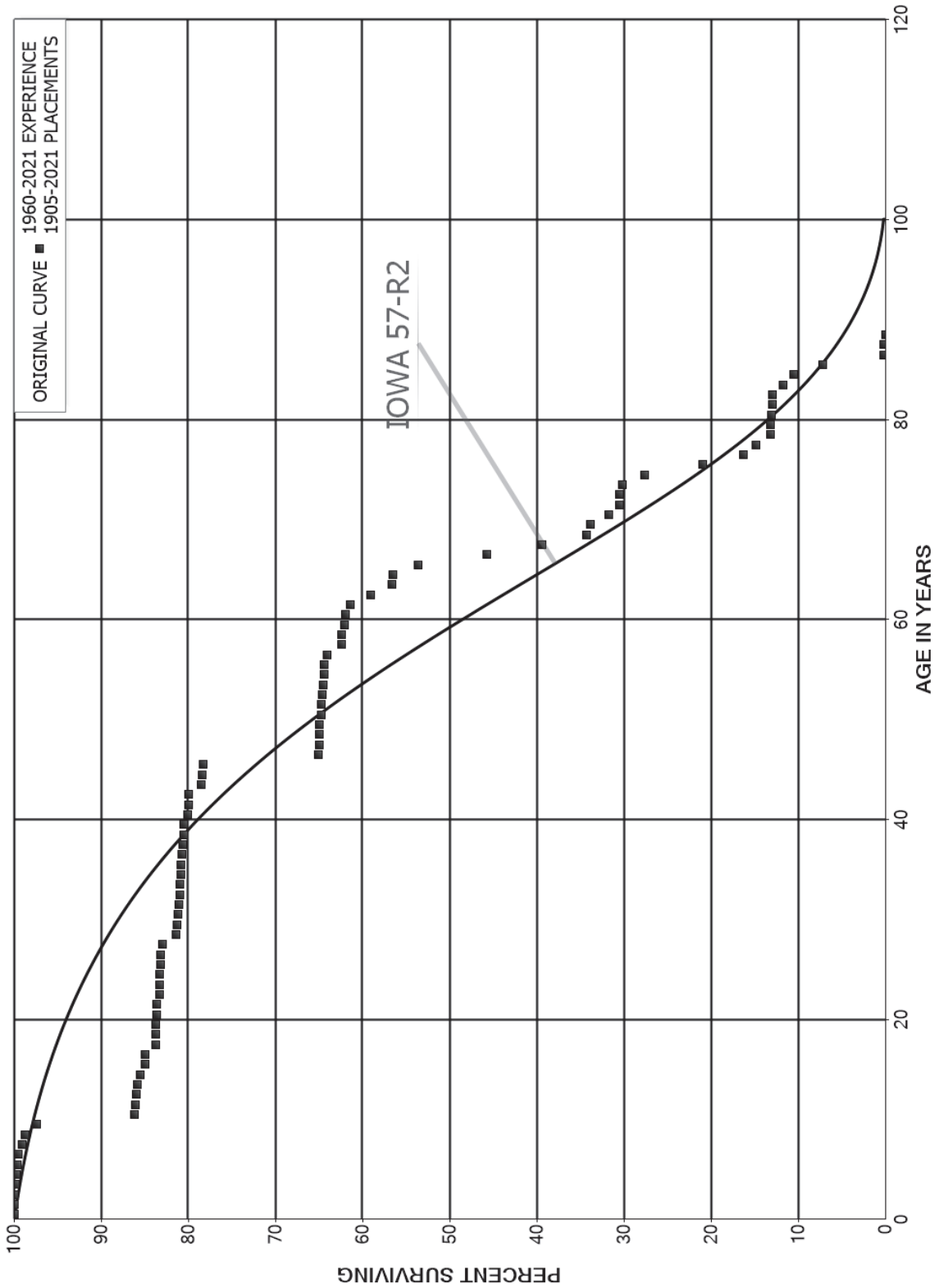
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	881,742	12,479	0.0142	0.9858	23.41
80.5	836,163	29,738	0.0356	0.9644	23.08
81.5	806,425	95,290	0.1182	0.8818	22.25
82.5	711,135	29,874	0.0420	0.9580	19.63
83.5	681,239	11,812	0.0173	0.9827	18.80
84.5	716,305	24,504	0.0342	0.9658	18.47
85.5	691,695	39,126	0.0566	0.9434	17.84
86.5	648,883	41,482	0.0639	0.9361	16.83
87.5	607,401	7,307	0.0120	0.9880	15.76
88.5	600,094		0.0000	1.0000	15.57
89.5	600,094		0.0000	1.0000	15.57
90.5	598,406	40,865	0.0683	0.9317	15.57
91.5	557,541	61,685	0.1106	0.8894	14.50
92.5	495,856		0.0000	1.0000	12.90
93.5	495,856	5,419	0.0109	0.9891	12.90
94.5	490,436		0.0000	1.0000	12.76
95.5	490,436	8,504	0.0173	0.9827	12.76
96.5	348,716	2,477	0.0071	0.9929	12.54
97.5	346,239		0.0000	1.0000	12.45
98.5	259,328	1,462	0.0056	0.9944	12.45
99.5	257,866		0.0000	1.0000	12.38
100.5	257,866		0.0000	1.0000	12.38
101.5	257,866	1,070	0.0041	0.9959	12.38
102.5	256,796		0.0000	1.0000	12.33
103.5	256,796		0.0000	1.0000	12.33
104.5	256,796		0.0000	1.0000	12.33
105.5	243,648		0.0000	1.0000	12.33
106.5	204,917		0.0000	1.0000	12.33
107.5	204,917		0.0000	1.0000	12.33
108.5	204,917		0.0000	1.0000	12.33
109.5	125,043		0.0000	1.0000	12.33
110.5	125,043		0.0000	1.0000	12.33
111.5	89,180		0.0000	1.0000	12.33
112.5	89,180		0.0000	1.0000	12.33
113.5	89,180		0.0000	1.0000	12.33
114.5					12.33

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	87,783,696	11,421	0.0001	0.9999	100.00
0.5	83,564,171	2,886	0.0000	1.0000	99.99
1.5	81,424,265	14,073	0.0002	0.9998	99.98
2.5	63,093,150	59,102	0.0009	0.9991	99.97
3.5	54,277,541	73,439	0.0014	0.9986	99.87
4.5	56,748,674	54,347	0.0010	0.9990	99.74
5.5	54,953,224	104,143	0.0019	0.9981	99.64
6.5	52,934,414	184,890	0.0035	0.9965	99.45
7.5	51,989,224	209,136	0.0040	0.9960	99.11
8.5	49,950,988	668,362	0.0134	0.9866	98.71
9.5	48,219,513	5,564,512	0.1154	0.8846	97.39
10.5	34,773,559	28,284	0.0008	0.9992	86.15
11.5	34,188,803	70,872	0.0021	0.9979	86.08
12.5	34,056,694	11,367	0.0003	0.9997	85.90
13.5	32,940,992	145,935	0.0044	0.9956	85.87
14.5	32,378,305	190,585	0.0059	0.9941	85.49
15.5	31,858,210	28,444	0.0009	0.9991	84.99
16.5	31,718,528	445,804	0.0141	0.9859	84.91
17.5	31,188,230	11,277	0.0004	0.9996	83.72
18.5	31,047,720	3,507	0.0001	0.9999	83.69
19.5	30,360,542	30,140	0.0010	0.9990	83.68
20.5	29,997,087	11,408	0.0004	0.9996	83.60
21.5	29,532,149	83,045	0.0028	0.9972	83.56
22.5	29,402,396	12,855	0.0004	0.9996	83.33
23.5	28,932,360	8,301	0.0003	0.9997	83.29
24.5	28,787,860	21,351	0.0007	0.9993	83.27
25.5	28,504,324	10,289	0.0004	0.9996	83.21
26.5	28,322,331	86,763	0.0031	0.9969	83.18
27.5	27,997,468	505,552	0.0181	0.9819	82.92
28.5	27,182,197	34,523	0.0013	0.9987	81.42
29.5	26,954,209	43,707	0.0016	0.9984	81.32
30.5	5,770,485	6,806	0.0012	0.9988	81.19
31.5	5,491,727	8,257	0.0015	0.9985	81.09
32.5	4,384,215	142	0.0000	1.0000	80.97
33.5	4,146,635	9,432	0.0023	0.9977	80.97
34.5	3,682,817		0.0000	1.0000	80.78
35.5	3,284,860	364	0.0001	0.9999	80.78
36.5	3,246,396	8,527	0.0026	0.9974	80.78
37.5	3,176,019	467	0.0001	0.9999	80.56
38.5	3,162,254	2,586	0.0008	0.9992	80.55

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	3,111,417	16,212	0.0052	0.9948	80.49
40.5	3,106,871	2,801	0.0009	0.9991	80.07
41.5	2,943,182	427	0.0001	0.9999	79.99
42.5	2,653,610	50,476	0.0190	0.9810	79.98
43.5	2,444,747	1,035	0.0004	0.9996	78.46
44.5	2,439,322	3,125	0.0013	0.9987	78.43
45.5	2,414,691	407,582	0.1688	0.8312	78.33
46.5	1,776,561	3,991	0.0022	0.9978	65.11
47.5	1,735,235	429	0.0002	0.9998	64.96
48.5	799,716	222	0.0003	0.9997	64.94
49.5	810,441	2,619	0.0032	0.9968	64.93
50.5	501,146	198	0.0004	0.9996	64.72
51.5	526,955	615	0.0012	0.9988	64.69
52.5	591,040	548	0.0009	0.9991	64.61
53.5	590,492	1,449	0.0025	0.9975	64.56
54.5	590,722		0.0000	1.0000	64.40
55.5	590,722	3,100	0.0052	0.9948	64.40
56.5	587,622	15,644	0.0266	0.9734	64.06
57.5	571,978		0.0000	1.0000	62.35
58.5	571,978	2,788	0.0049	0.9951	62.35
59.5	569,190	564	0.0010	0.9990	62.05
60.5	568,626	5,250	0.0092	0.9908	61.99
61.5	563,376	21,220	0.0377	0.9623	61.42
62.5	542,156	23,141	0.0427	0.9573	59.10
63.5	519,015	203	0.0004	0.9996	56.58
64.5	518,812	26,496	0.0511	0.9489	56.56
65.5	492,316	73,175	0.1486	0.8514	53.67
66.5	419,141	58,047	0.1385	0.8615	45.69
67.5	361,094	46,668	0.1292	0.8708	39.36
68.5	314,426	3,815	0.0121	0.9879	34.28
69.5	310,611	19,492	0.0628	0.9372	33.86
70.5	291,119	11,320	0.0389	0.9611	31.74
71.5	279,799		0.0000	1.0000	30.50
72.5	279,799	3,278	0.0117	0.9883	30.50
73.5	276,521	23,352	0.0844	0.9156	30.14
74.5	253,169	61,426	0.2426	0.7574	27.60
75.5	191,743	42,586	0.2221	0.7779	20.90
76.5	149,157	13,133	0.0880	0.9120	16.26
77.5	136,024	15,584	0.1146	0.8854	14.83
78.5	120,440		0.0000	1.0000	13.13

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

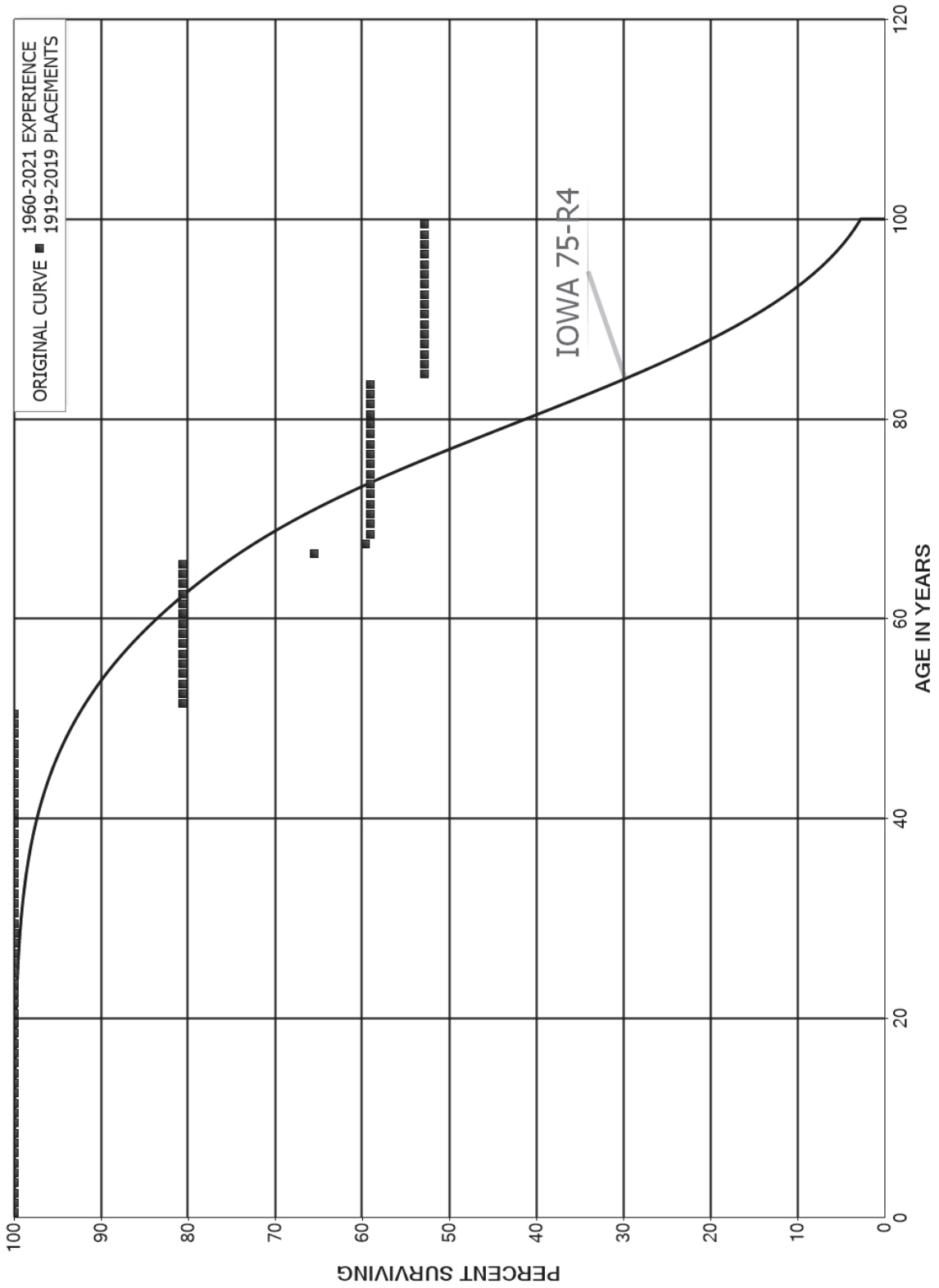
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	120,440	99	0.0008	0.9992	13.13
80.5	120,341	1,403	0.0117	0.9883	13.12
81.5	118,938		0.0000	1.0000	12.97
82.5	118,938	11,822	0.0994	0.9006	12.97
83.5	107,116	10,414	0.0972	0.9028	11.68
84.5	96,702	30,761	0.3181	0.6819	10.54
85.5	65,941	63,996	0.9705	0.0295	7.19
86.5	1,945	211	0.1085	0.8915	0.21
87.5	1,734	1,734	1.0000		0.19
88.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2019 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	22,675,746		0.0000	1.0000	100.00
0.5	22,675,746		0.0000	1.0000	100.00
1.5	22,675,746		0.0000	1.0000	100.00
2.5	21,656,467		0.0000	1.0000	100.00
3.5	21,656,592		0.0000	1.0000	100.00
4.5	21,739,245		0.0000	1.0000	100.00
5.5	21,784,814		0.0000	1.0000	100.00
6.5	21,784,814		0.0000	1.0000	100.00
7.5	21,811,175		0.0000	1.0000	100.00
8.5	21,811,175		0.0000	1.0000	100.00
9.5	20,029,530		0.0000	1.0000	100.00
10.5	20,032,360		0.0000	1.0000	100.00
11.5	20,032,360		0.0000	1.0000	100.00
12.5	19,974,830		0.0000	1.0000	100.00
13.5	19,974,830		0.0000	1.0000	100.00
14.5	19,974,830		0.0000	1.0000	100.00
15.5	19,974,830		0.0000	1.0000	100.00
16.5	19,974,830		0.0000	1.0000	100.00
17.5	20,166,680		0.0000	1.0000	100.00
18.5	20,225,622		0.0000	1.0000	100.00
19.5	20,225,622		0.0000	1.0000	100.00
20.5	20,225,622	1,289	0.0001	0.9999	100.00
21.5	20,207,780		0.0000	1.0000	99.99
22.5	20,207,780		0.0000	1.0000	99.99
23.5	20,207,780		0.0000	1.0000	99.99
24.5	20,207,780		0.0000	1.0000	99.99
25.5	20,207,780		0.0000	1.0000	99.99
26.5	20,111,505		0.0000	1.0000	99.99
27.5	20,111,505		0.0000	1.0000	99.99
28.5	20,111,505		0.0000	1.0000	99.99
29.5	20,111,505		0.0000	1.0000	99.99
30.5	2,241,806		0.0000	1.0000	99.99
31.5	2,233,309		0.0000	1.0000	99.99
32.5	2,233,309		0.0000	1.0000	99.99
33.5	1,599,673		0.0000	1.0000	99.99
34.5	1,599,673		0.0000	1.0000	99.99
35.5	1,599,673		0.0000	1.0000	99.99
36.5	1,599,673		0.0000	1.0000	99.99
37.5	1,599,673		0.0000	1.0000	99.99
38.5	1,599,673		0.0000	1.0000	99.99

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2019 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	1,599,673		0.0000	1.0000	99.99
40.5	1,693,953		0.0000	1.0000	99.99
41.5	1,693,953		0.0000	1.0000	99.99
42.5	1,693,953		0.0000	1.0000	99.99
43.5	1,693,953		0.0000	1.0000	99.99
44.5	1,689,295		0.0000	1.0000	99.99
45.5	1,689,295		0.0000	1.0000	99.99
46.5	1,610,566		0.0000	1.0000	99.99
47.5	1,610,566		0.0000	1.0000	99.99
48.5	1,195,976		0.0000	1.0000	99.99
49.5	1,195,976		0.0000	1.0000	99.99
50.5	1,195,976	232,152	0.1941	0.8059	99.99
51.5	961,380		0.0000	1.0000	80.58
52.5	961,380		0.0000	1.0000	80.58
53.5	961,380		0.0000	1.0000	80.58
54.5	961,380		0.0000	1.0000	80.58
55.5	961,380		0.0000	1.0000	80.58
56.5	961,380		0.0000	1.0000	80.58
57.5	961,380		0.0000	1.0000	80.58
58.5	511,288		0.0000	1.0000	80.58
59.5	511,288		0.0000	1.0000	80.58
60.5	511,288		0.0000	1.0000	80.58
61.5	511,288		0.0000	1.0000	80.58
62.5	511,288		0.0000	1.0000	80.58
63.5	511,288		0.0000	1.0000	80.58
64.5	511,288		0.0000	1.0000	80.58
65.5	511,163	95,925	0.1877	0.8123	80.58
66.5	332,585	29,471	0.0886	0.9114	65.46
67.5	257,545	2,773	0.0108	0.9892	59.66
68.5	254,772		0.0000	1.0000	59.02
69.5	228,411		0.0000	1.0000	59.02
70.5	228,411		0.0000	1.0000	59.02
71.5	219,733		0.0000	1.0000	59.02
72.5	216,903		0.0000	1.0000	59.02
73.5	216,903		0.0000	1.0000	59.02
74.5	216,903		0.0000	1.0000	59.02
75.5	216,903		0.0000	1.0000	59.02
76.5	216,903		0.0000	1.0000	59.02
77.5	216,903		0.0000	1.0000	59.02
78.5	216,903		0.0000	1.0000	59.02

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

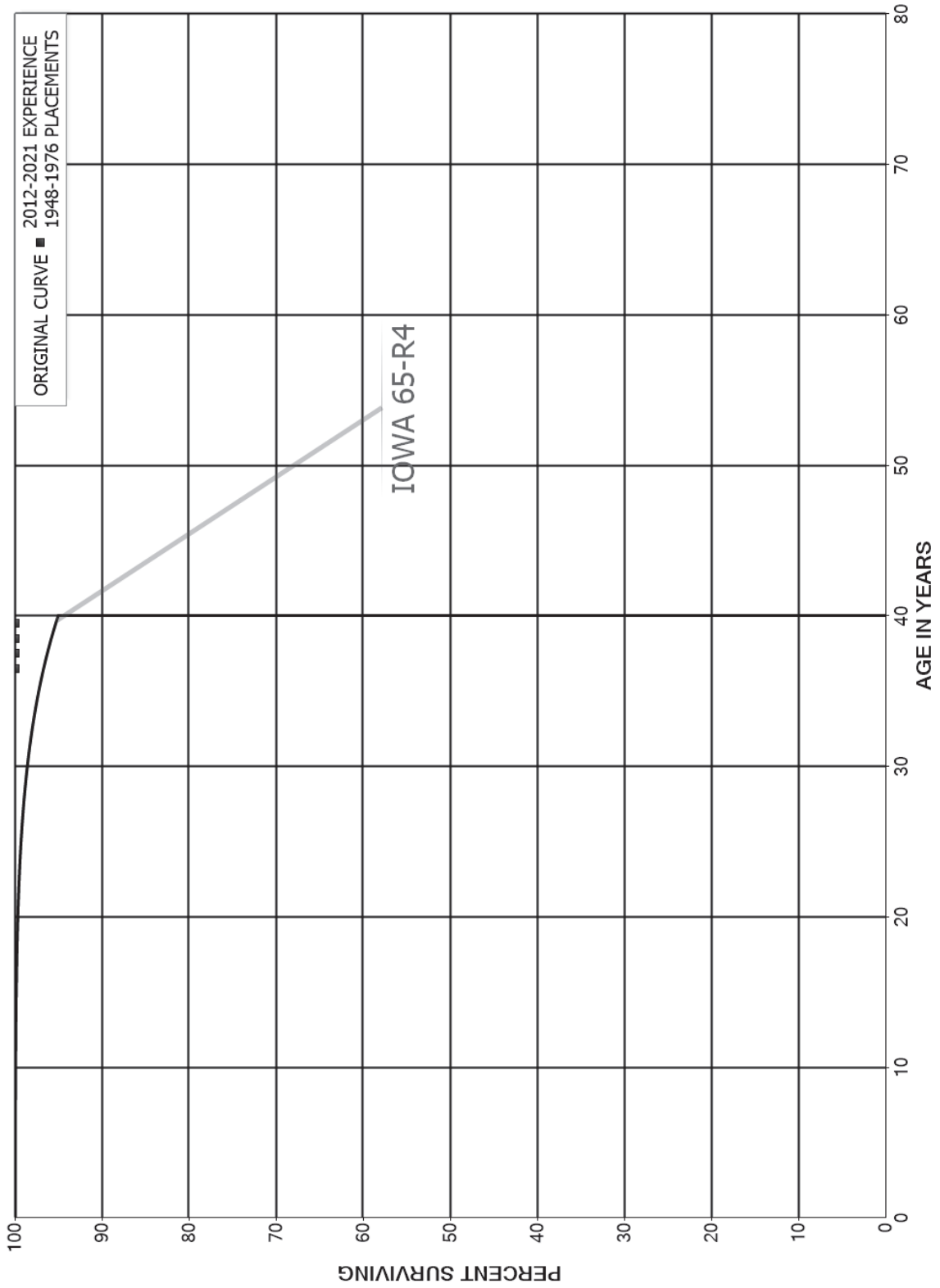
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2019 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	123,751		0.0000	1.0000	59.02
80.5	94,280		0.0000	1.0000	59.02
81.5	94,280		0.0000	1.0000	59.02
82.5	94,280		0.0000	1.0000	59.02
83.5	94,280	9,881	0.1048	0.8952	59.02
84.5	84,399		0.0000	1.0000	52.83
85.5	84,399		0.0000	1.0000	52.83
86.5	84,399		0.0000	1.0000	52.83
87.5	84,399		0.0000	1.0000	52.83
88.5	84,399		0.0000	1.0000	52.83
89.5	84,399		0.0000	1.0000	52.83
90.5	84,399		0.0000	1.0000	52.83
91.5	84,399		0.0000	1.0000	52.83
92.5	84,399		0.0000	1.0000	52.83
93.5	84,399		0.0000	1.0000	52.83
94.5	84,399		0.0000	1.0000	52.83
95.5	84,399		0.0000	1.0000	52.83
96.5	84,399		0.0000	1.0000	52.83
97.5	84,399		0.0000	1.0000	52.83
98.5	84,399		0.0000	1.0000	52.83
99.5	84,399		0.0000	1.0000	52.83
100.5	84,399		0.0000	1.0000	52.83
101.5	84,399		0.0000	1.0000	52.83
102.5					52.83

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 340.00 RIGHTS OF WAY
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 340.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE

PLACEMENT BAND 1948-1976 EXPERIENCE BAND 2012-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0					
0.5					
1.5					
2.5					
3.5					
4.5					
5.5					
6.5					
7.5					
8.5					
9.5					
10.5					
11.5					
12.5					
13.5					
14.5					
15.5					
16.5					
17.5					
18.5					
19.5					
20.5					
21.5					
22.5					
23.5					
24.5					
25.5					
26.5					
27.5					
28.5					
29.5					
30.5					
31.5					
32.5					
33.5					
34.5					
35.5					
36.5	4,000		0.0000	1.0000	100.00
37.5	4,000		0.0000	1.0000	100.00
38.5	4,000		0.0000	1.0000	100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 340.00 RIGHTS OF WAY

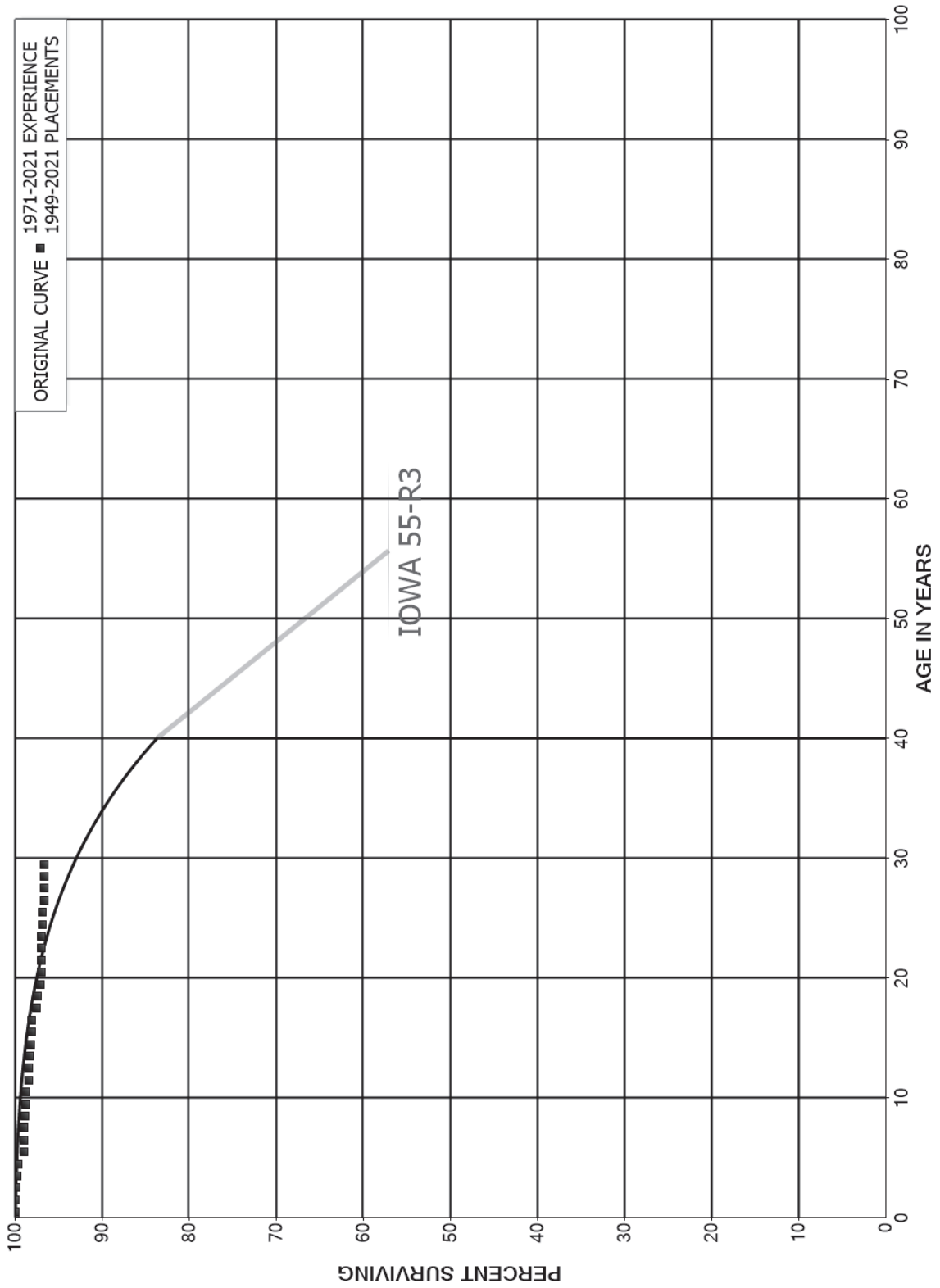
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1948-1976 EXPERIENCE BAND 2012-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	4,000		0.0000	1.0000	100.00
40.5	4,000		0.0000	1.0000	100.00
41.5	4,000		0.0000	1.0000	100.00
42.5	4,000		0.0000	1.0000	100.00
43.5	4,000		0.0000	1.0000	100.00
44.5	4,000		0.0000	1.0000	100.00
45.5					100.00
46.5					
47.5					
48.5					
49.5					
50.5					
51.5					
52.5					
53.5					
54.5					
55.5					
56.5					
57.5					
58.5					
59.5					
60.5					
61.5					
62.5	202		0.0000		
63.5	656		0.0000		
64.5	3,693		0.0000		
65.5	3,693		0.0000		
66.5	3,693		0.0000		
67.5	3,693		0.0000		
68.5	3,693		0.0000		
69.5	3,693		0.0000		
70.5	3,693		0.0000		
71.5	3,491		0.0000		
72.5	3,037		0.0000		
73.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1949-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	501,804,645		0.0000	1.0000	100.00
0.5	497,803,126	143,397	0.0003	0.9997	100.00
1.5	492,454,354	430,633	0.0009	0.9991	99.97
2.5	496,366,349	881,305	0.0018	0.9982	99.88
3.5	356,834,731	217,436	0.0006	0.9994	99.71
4.5	338,437,891	2,216,877	0.0066	0.9934	99.65
5.5	324,985,174	51,141	0.0002	0.9998	98.99
6.5	313,800,860	44,098	0.0001	0.9999	98.98
7.5	312,169,599	447,891	0.0014	0.9986	98.96
8.5	310,004,940	221,798	0.0007	0.9993	98.82
9.5	187,253,129	54,238	0.0003	0.9997	98.75
10.5	60,615,017	204,910	0.0034	0.9966	98.72
11.5	59,678,943	15,848	0.0003	0.9997	98.39
12.5	59,294,559	28,686	0.0005	0.9995	98.36
13.5	58,198,847	85,907	0.0015	0.9985	98.31
14.5	57,826,984	63,053	0.0011	0.9989	98.17
15.5	57,675,847		0.0000	1.0000	98.06
16.5	57,650,932	328,784	0.0057	0.9943	98.06
17.5	57,138,918	44,540	0.0008	0.9992	97.50
18.5	54,402,038	213,363	0.0039	0.9961	97.43
19.5	28,104,482	37,272	0.0013	0.9987	97.05
20.5	28,798,912		0.0000	1.0000	96.92
21.5	27,829,937		0.0000	1.0000	96.92
22.5	27,213,464	3,334	0.0001	0.9999	96.92
23.5	27,575,972	15,039	0.0005	0.9995	96.90
24.5	27,560,933	12,154	0.0004	0.9996	96.85
25.5	27,548,779	56,337	0.0020	0.9980	96.81
26.5	1,335,418		0.0000	1.0000	96.61
27.5	1,316,233		0.0000	1.0000	96.61
28.5	1,278,268		0.0000	1.0000	96.61
29.5	365,842		0.0000	1.0000	96.61
30.5	409,893		0.0000	1.0000	96.61
31.5	409,893		0.0000	1.0000	96.61
32.5	44,051		0.0000	1.0000	96.61
33.5	81,180		0.0000	1.0000	96.61
34.5	224,592		0.0000	1.0000	96.61
35.5	224,592		0.0000	1.0000	96.61
36.5	224,592		0.0000	1.0000	96.61
37.5	224,592		0.0000	1.0000	96.61
38.5	224,592		0.0000	1.0000	96.61

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

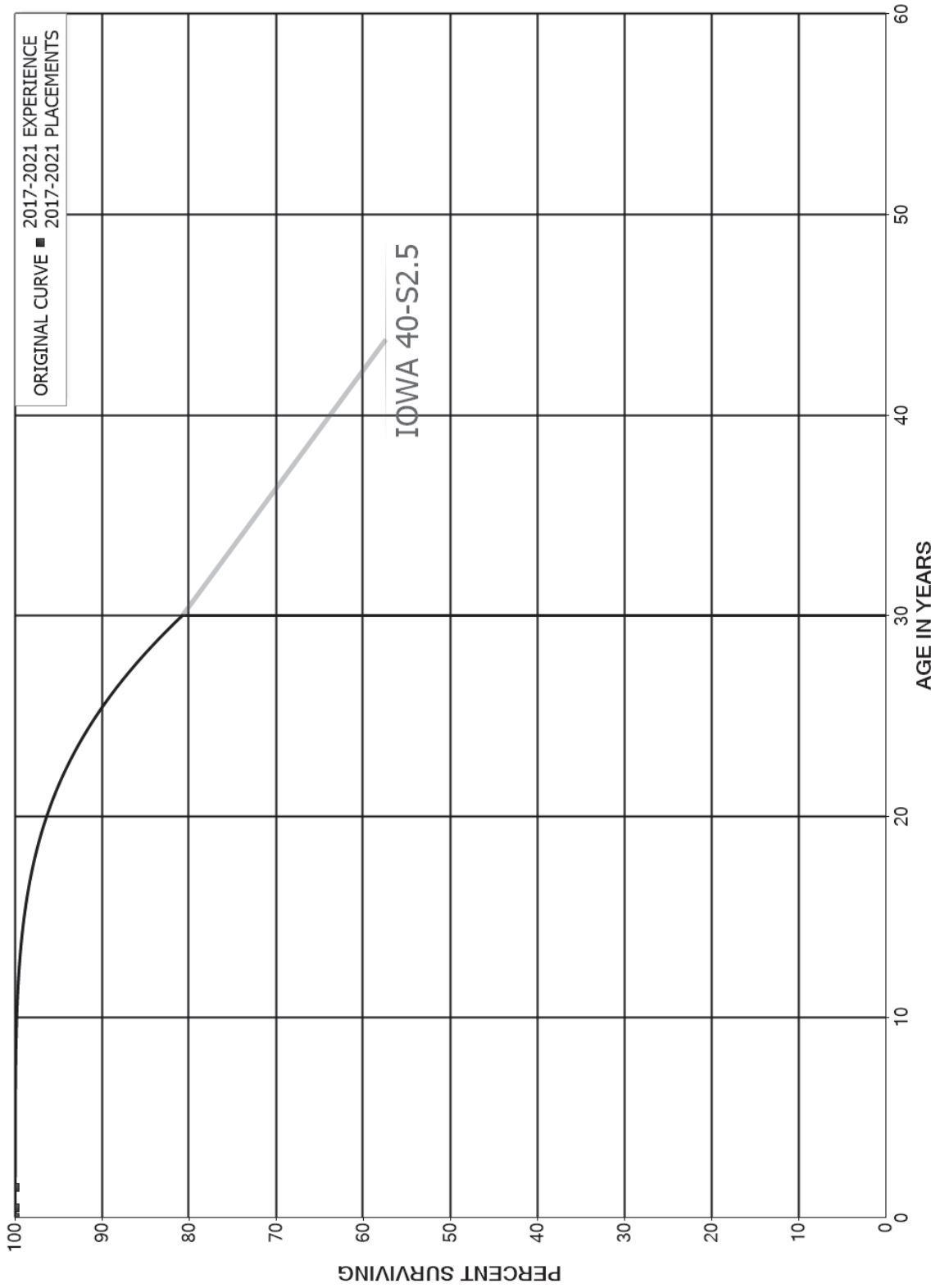
ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1949-2021			EXPERIENCE BAND 1971-2021		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	180,541		0.0000	1.0000	96.61
40.5	180,541		0.0000	1.0000	96.61
41.5	180,541		0.0000	1.0000	96.61
42.5	143,412		0.0000	1.0000	96.61
43.5					96.61
44.5					
45.5					
46.5					
47.5					
48.5					
49.5					
50.5					
51.5					
52.5					
53.5					
54.5					
55.5					
56.5					
57.5					
58.5					
59.5					
60.5					
61.5	2,922,203	36,018	0.0123		
62.5	2,886,185	85,543	0.0296		
63.5	553,204		0.0000		
64.5	553,204		0.0000		
65.5	553,204		0.0000		
66.5	553,204		0.0000		
67.5	553,204		0.0000		
68.5	553,204		0.0000		
69.5	553,204		0.0000		
70.5	553,204	43,129	0.0780		
71.5	510,075		0.0000		
72.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 341.66 STRUCTURES AND IMPROVEMENTS - SOLAR
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.66 STRUCTURES AND IMPROVEMENTS - SOLAR

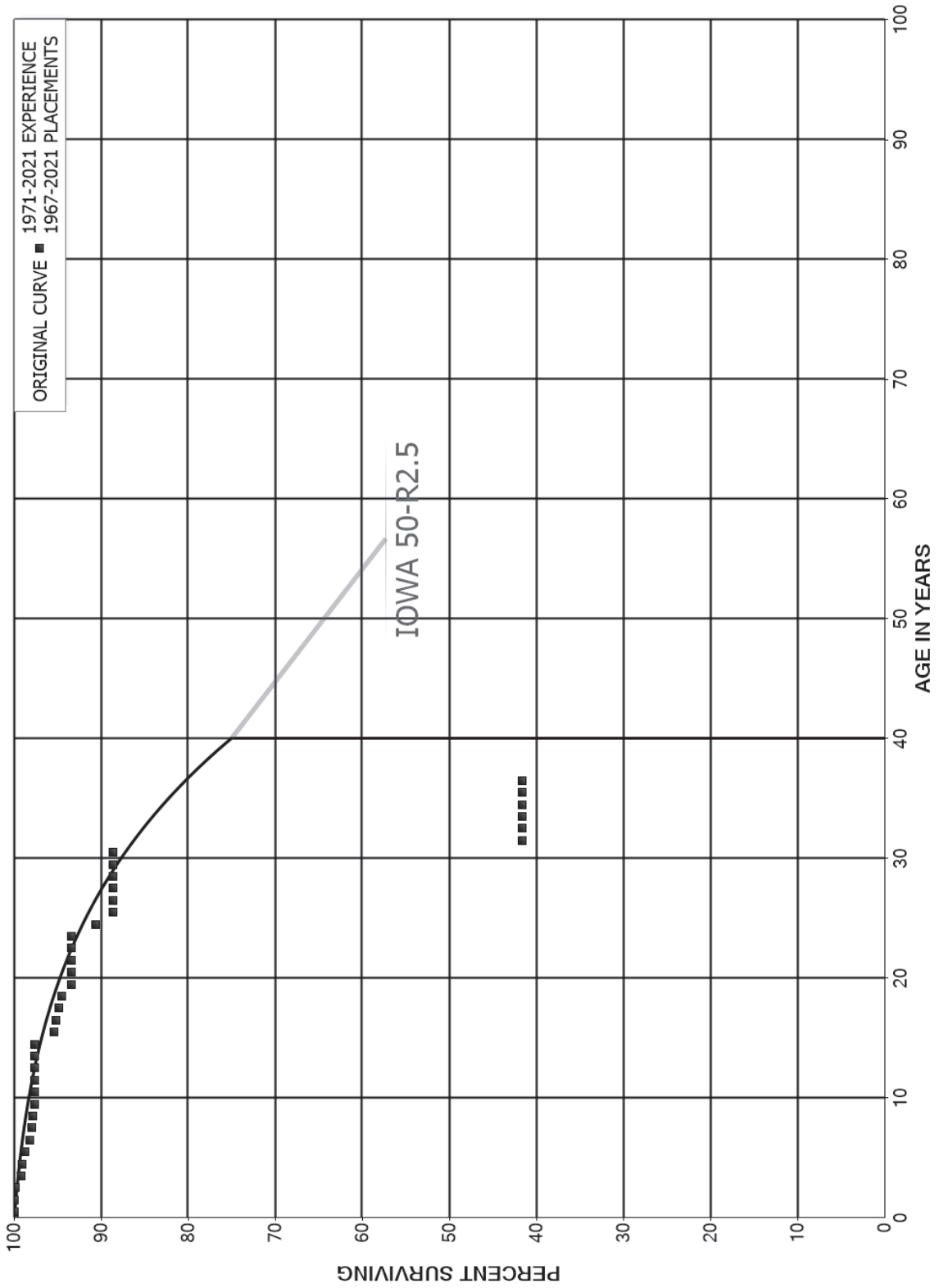
ORIGINAL LIFE TABLE

PLACEMENT BAND 2017-2021 EXPERIENCE BAND 2017-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	7,930,312		0.0000	1.0000	100.00
0.5	3,232,179		0.0000	1.0000	100.00
1.5	2,812,434		0.0000	1.0000	100.00
2.5	2,812,434		0.0000	1.0000	100.00
3.5	2,812,434		0.0000	1.0000	100.00
4.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

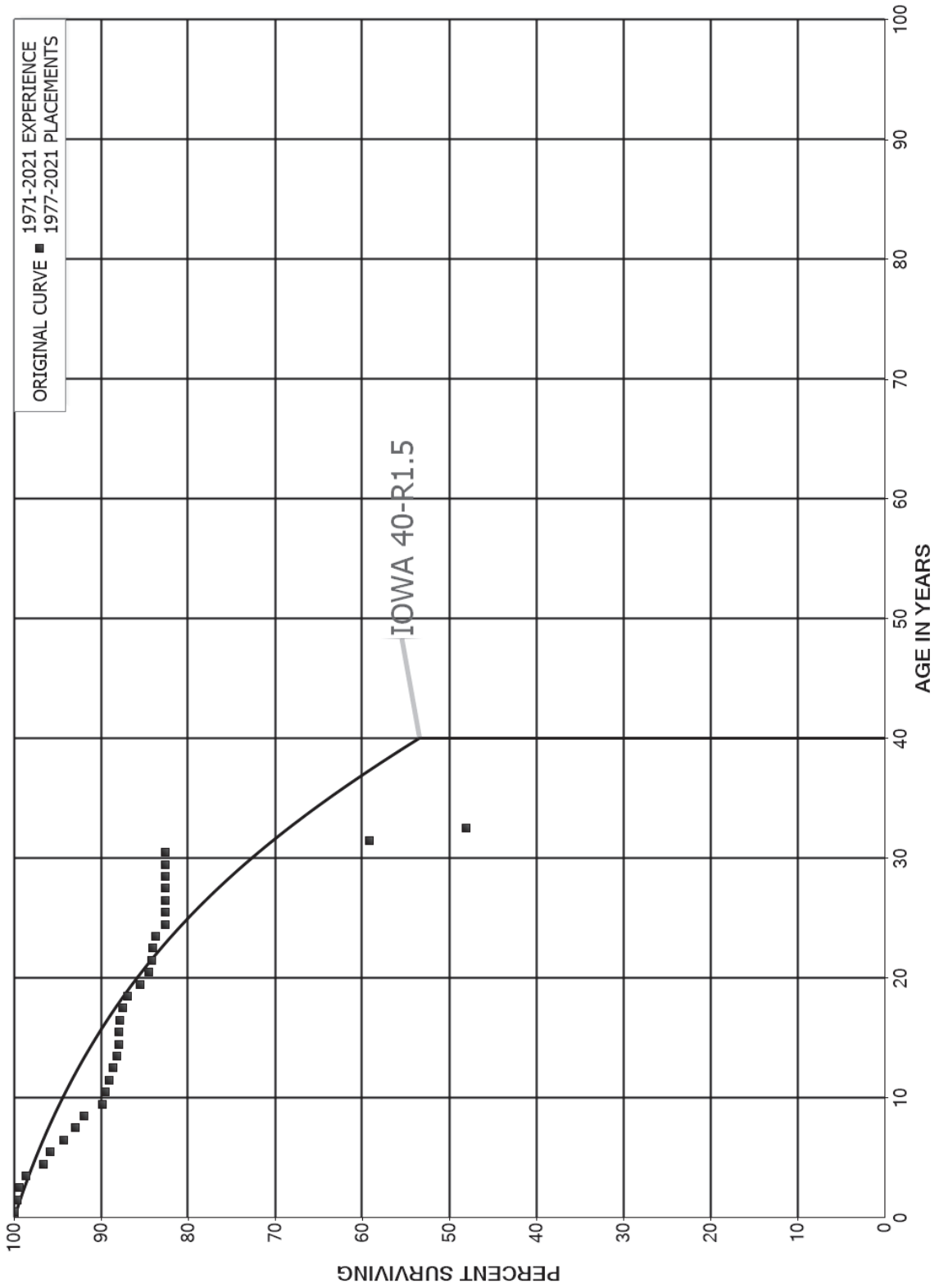
ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	148,679,787		0.0000	1.0000	100.00
0.5	147,517,106	89,138	0.0006	0.9994	100.00
1.5	146,069,314	110,066	0.0008	0.9992	99.94
2.5	141,970,631	1,048,339	0.0074	0.9926	99.86
3.5	82,049,232	37,713	0.0005	0.9995	99.13
4.5	81,883,034	256,057	0.0031	0.9969	99.08
5.5	80,494,088	470,072	0.0058	0.9942	98.77
6.5	79,000,399	177,460	0.0022	0.9978	98.19
7.5	77,581,961	87,949	0.0011	0.9989	97.97
8.5	77,469,043	229,569	0.0030	0.9970	97.86
9.5	58,361,096		0.0000	1.0000	97.57
10.5	30,433,865		0.0000	1.0000	97.57
11.5	30,370,087		0.0000	1.0000	97.57
12.5	30,339,572		0.0000	1.0000	97.57
13.5	30,339,572		0.0000	1.0000	97.57
14.5	30,339,572	670,087	0.0221	0.9779	97.57
15.5	29,669,485	74,837	0.0025	0.9975	95.42
16.5	29,594,648	93,008	0.0031	0.9969	95.18
17.5	29,501,640	105,118	0.0036	0.9964	94.88
18.5	24,166,503	288,291	0.0119	0.9881	94.54
19.5	13,996,175		0.0000	1.0000	93.41
20.5	13,151,108		0.0000	1.0000	93.41
21.5	13,151,108		0.0000	1.0000	93.41
22.5	13,151,108		0.0000	1.0000	93.41
23.5	13,151,108	392,638	0.0299	0.9701	93.41
24.5	12,542,886	280,347	0.0224	0.9776	90.62
25.5	12,202,500		0.0000	1.0000	88.60
26.5	15,074		0.0000	1.0000	88.60
27.5	15,074		0.0000	1.0000	88.60
28.5	15,074		0.0000	1.0000	88.60
29.5	15,074		0.0000	1.0000	88.60
30.5	15,074	8,000	0.5307	0.4693	88.60
31.5	7,074		0.0000	1.0000	41.58
32.5	7,074		0.0000	1.0000	41.58
33.5	7,074		0.0000	1.0000	41.58
34.5	7,074		0.0000	1.0000	41.58
35.5	7,074		0.0000	1.0000	41.58
36.5					41.58

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 343.00 PRIME MOVERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1977-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,183,635,392		0.0000	1.0000	100.00
0.5	1,160,607,426	4,807,858	0.0041	0.9959	100.00
1.5	1,132,458,108	2,729,441	0.0024	0.9976	99.59
2.5	1,078,868,970	7,393,509	0.0069	0.9931	99.35
3.5	934,832,307	19,474,927	0.0208	0.9792	98.66
4.5	908,072,801	6,905,867	0.0076	0.9924	96.61
5.5	898,402,103	14,597,516	0.0162	0.9838	95.87
6.5	869,210,108	12,692,759	0.0146	0.9854	94.32
7.5	850,561,146	9,026,115	0.0106	0.9894	92.94
8.5	815,947,080	18,607,906	0.0228	0.9772	91.95
9.5	646,738,436	2,835,970	0.0044	0.9956	89.86
10.5	496,703,484	2,208,630	0.0044	0.9956	89.46
11.5	490,290,790	2,364,940	0.0048	0.9952	89.06
12.5	487,612,497	2,579,145	0.0053	0.9947	88.63
13.5	478,273,558	1,083,692	0.0023	0.9977	88.17
14.5	424,630,793	179,093	0.0004	0.9996	87.97
15.5	424,451,700	314,938	0.0007	0.9993	87.93
16.5	424,136,762	1,987,612	0.0047	0.9953	87.86
17.5	420,948,968	2,299,277	0.0055	0.9945	87.45
18.5	329,405,644	5,625,497	0.0171	0.9829	86.97
19.5	225,499,017	2,540,494	0.0113	0.9887	85.49
20.5	221,910,660	783,139	0.0035	0.9965	84.53
21.5	220,519,405	449,219	0.0020	0.9980	84.23
22.5	220,046,639	893,205	0.0041	0.9959	84.06
23.5	219,076,180	2,766,146	0.0126	0.9874	83.72
24.5	216,582,403	84,772	0.0004	0.9996	82.66
25.5	168,104,710		0.0000	1.0000	82.63
26.5	831,062		0.0000	1.0000	82.63
27.5	828,702		0.0000	1.0000	82.63
28.5	828,649		0.0000	1.0000	82.63
29.5	828,649		0.0000	1.0000	82.63
30.5	828,649	234,882	0.2835	0.7165	82.63
31.5	593,767	112,236	0.1890	0.8110	59.21
32.5	272,369		0.0000	1.0000	48.01
33.5					48.01
34.5	542,012		0.0000		
35.5	1,539,643		0.0000		
36.5	1,539,643		0.0000		
37.5	1,539,643		0.0000		
38.5	1,539,643	5,004	0.0033		

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

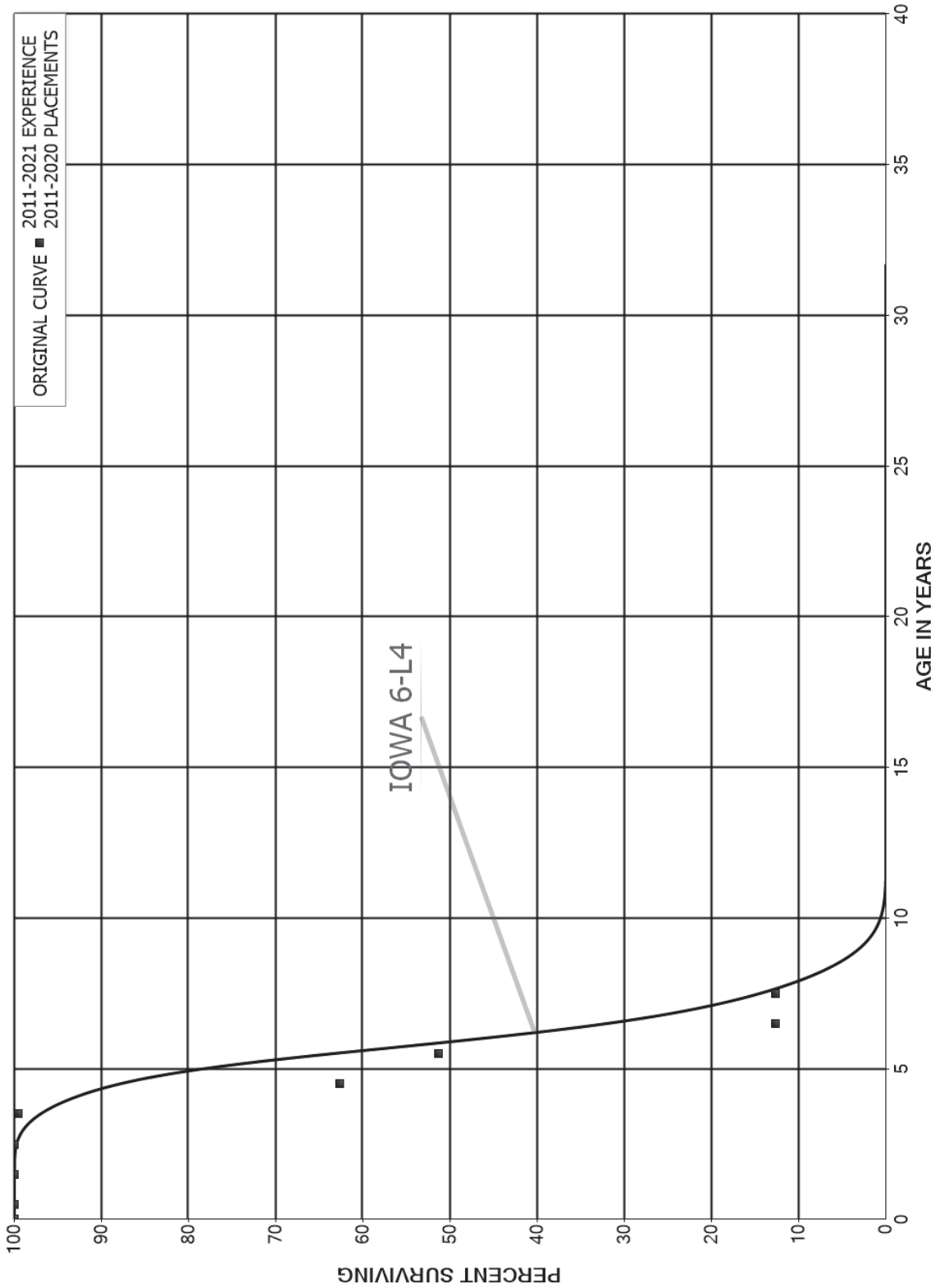
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1977-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	1,534,639		0.0000		
40.5	1,534,639		0.0000		
41.5	1,534,639		0.0000		
42.5	1,534,639	2,676	0.0017		
43.5	989,951		0.0000		
44.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS

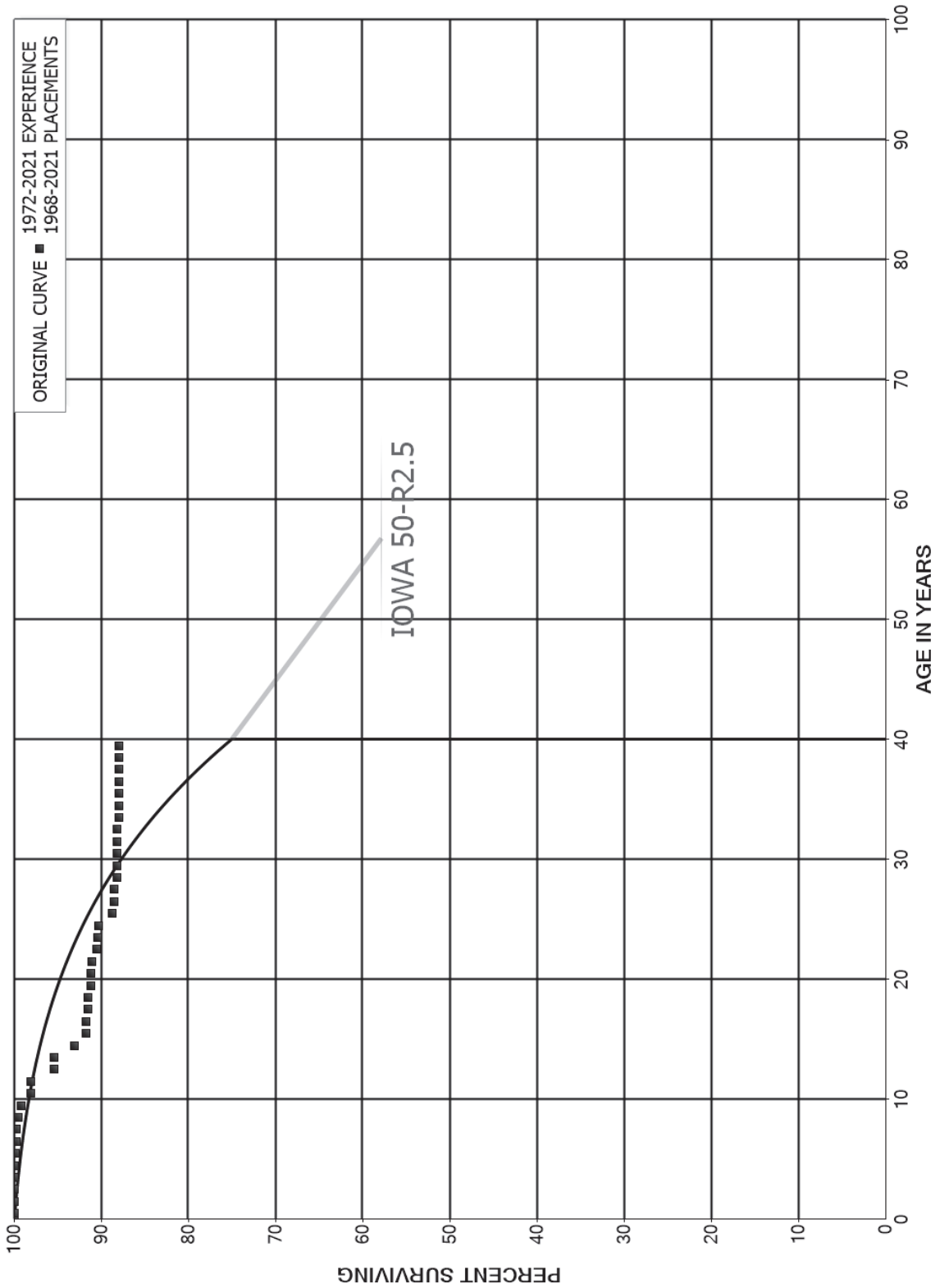
ORIGINAL LIFE TABLE

PLACEMENT BAND 2011-2020 EXPERIENCE BAND 2011-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	251,070,304		0.0000	1.0000	100.00
0.5	251,070,304		0.0000	1.0000	100.00
1.5	250,608,449		0.0000	1.0000	100.00
2.5	179,183,365	943,112	0.0053	0.9947	100.00
3.5	135,301,551	50,188,881	0.3709	0.6291	99.47
4.5	85,112,282	15,402,407	0.1810	0.8190	62.57
5.5	69,709,876	52,575,842	0.7542	0.2458	51.25
6.5	6,420,723		0.0000	1.0000	12.60
7.5					12.60

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 344.00 GENERATORS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1968-2021 EXPERIENCE BAND 1972-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,053,694,373		0.0000	1.0000	100.00
0.5	1,048,560,214		0.0000	1.0000	100.00
1.5	1,049,199,271	159,257	0.0002	0.9998	100.00
2.5	1,043,428,573		0.0000	1.0000	99.98
3.5	828,008,256	239,905	0.0003	0.9997	99.98
4.5	823,101,171	1,098,180	0.0013	0.9987	99.96
5.5	817,222,569	876,957	0.0011	0.9989	99.82
6.5	815,331,657	67,409	0.0001	0.9999	99.72
7.5	813,854,545	1,784,162	0.0022	0.9978	99.71
8.5	810,515,293	2,891,415	0.0036	0.9964	99.49
9.5	585,470,787	6,433,884	0.0110	0.9890	99.13
10.5	361,049,370	108,990	0.0003	0.9997	98.04
11.5	372,765,264	10,131,295	0.0272	0.9728	98.01
12.5	376,366,069		0.0000	1.0000	95.35
13.5	376,036,523	8,909,950	0.0237	0.9763	95.35
14.5	367,126,573	5,438,672	0.0148	0.9852	93.09
15.5	361,646,911	136,223	0.0004	0.9996	91.71
16.5	360,737,585	582,256	0.0016	0.9984	91.68
17.5	357,992,117	107,052	0.0003	0.9997	91.53
18.5	357,885,065	1,352,792	0.0038	0.9962	91.50
19.5	355,895,045	42,606	0.0001	0.9999	91.16
20.5	355,258,381	505,927	0.0014	0.9986	91.15
21.5	141,169,580	832,894	0.0059	0.9941	91.02
22.5	140,336,686	69,655	0.0005	0.9995	90.48
23.5	139,255,784	286,626	0.0021	0.9979	90.43
24.5	138,969,158	2,277,988	0.0164	0.9836	90.25
25.5	118,158,432	341,253	0.0029	0.9971	88.77
26.5	60,018,196	23,430	0.0004	0.9996	88.51
27.5	59,993,757	185,104	0.0031	0.9969	88.48
28.5	59,808,653		0.0000	1.0000	88.20
29.5	59,808,653	10,450	0.0002	0.9998	88.20
30.5	59,798,203	26,254	0.0004	0.9996	88.19
31.5	59,771,949	13,414	0.0002	0.9998	88.15
32.5	59,758,535	82,009	0.0014	0.9986	88.13
33.5	59,676,526		0.0000	1.0000	88.01
34.5	59,676,526	12,883	0.0002	0.9998	88.01
35.5	59,663,643	4,554	0.0001	0.9999	87.99
36.5	59,659,089	5,003	0.0001	0.9999	87.98
37.5	59,250,985		0.0000	1.0000	87.98
38.5	59,250,985		0.0000	1.0000	87.98

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

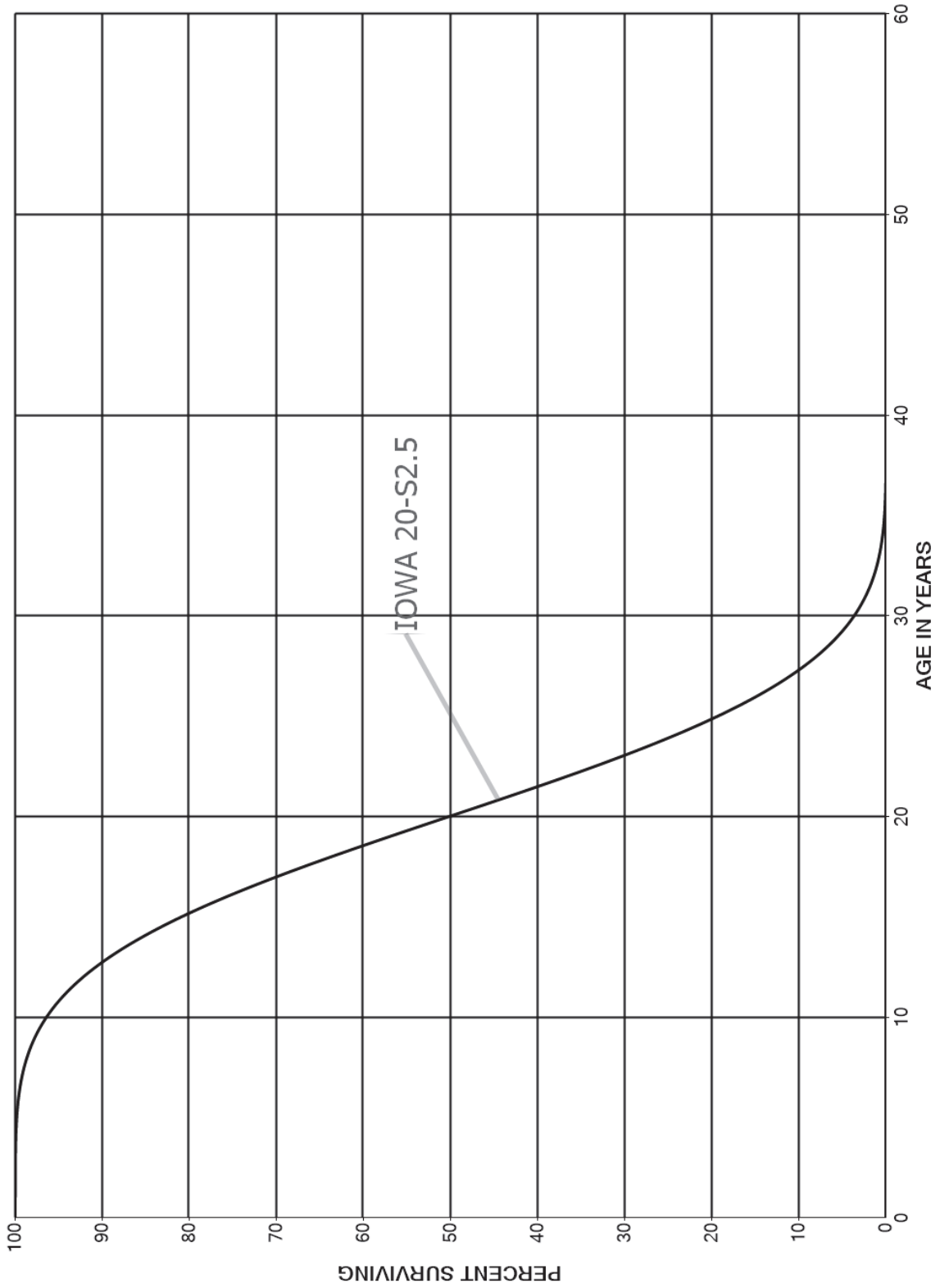
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1968-2021 EXPERIENCE BAND 1972-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	59,250,985	7,933,138	0.1339	0.8661	87.98
40.5	49,722,647		0.0000	1.0000	76.20
41.5	30,162,631		0.0000	1.0000	76.20
42.5	18,369,938	2,560,340	0.1394	0.8606	76.20
43.5	5,638,762	5,638,762	1.0000		65.58
44.5					

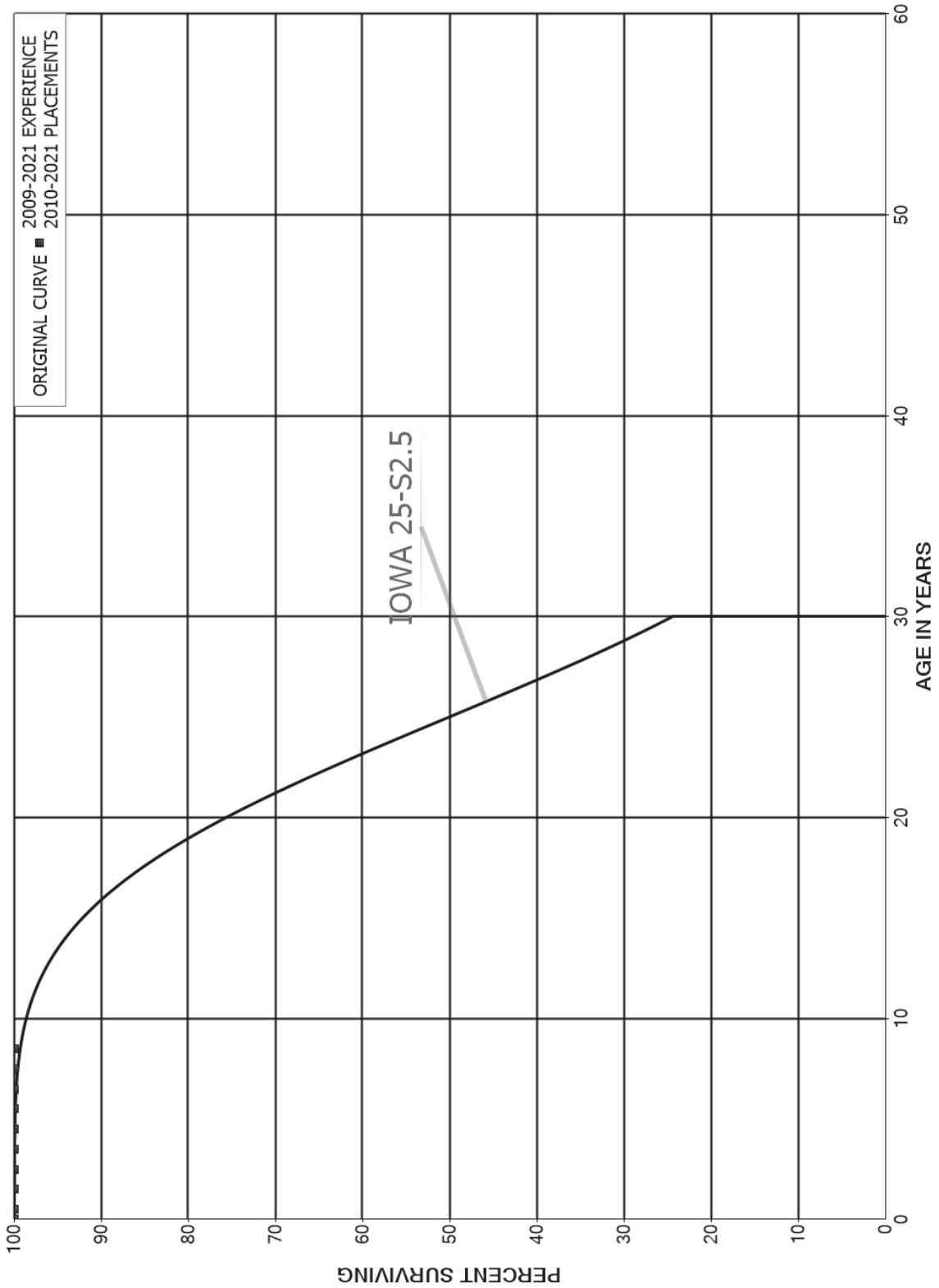
OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 344.66 GENERATORS - SOLAR - COMMUNITY - SMALL
SMOOTH SURVIVOR CURVE



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 344.66 GENERATORS - SOLAR
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.66 GENERATORS - SOLAR

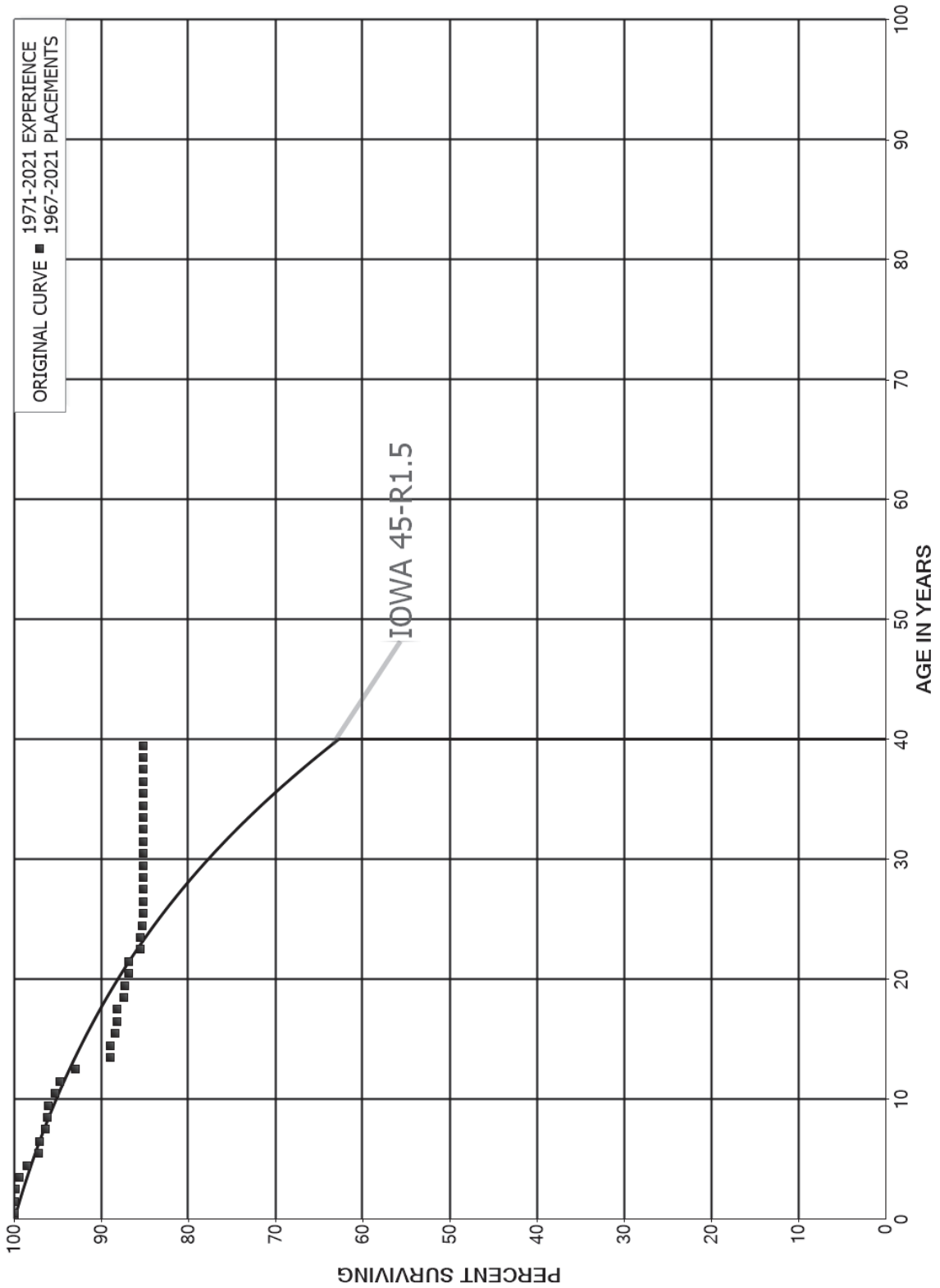
ORIGINAL LIFE TABLE

PLACEMENT BAND 2010-2021 EXPERIENCE BAND 2009-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	270,213,215		0.0000	1.0000	100.00
0.5	196,899,002		0.0000	1.0000	100.00
1.5	163,141,219		0.0000	1.0000	100.00
2.5	163,141,219		0.0000	1.0000	100.00
3.5	149,236,058		0.0000	1.0000	100.00
4.5	57,707,380		0.0000	1.0000	100.00
5.5	28,317,018		0.0000	1.0000	100.00
6.5	28,317,018		0.0000	1.0000	100.00
7.5	28,317,018	25,195	0.0009	0.9991	100.00
8.5	28,291,823	12,245	0.0004	0.9996	99.91
9.5	27,393,470	222,288	0.0081	0.9919	99.87
10.5	22,756,012		0.0000	1.0000	99.06
11.5					99.06

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	205,069,306		0.0000	1.0000	100.00
0.5	202,206,033	45,994	0.0002	0.9998	100.00
1.5	201,254,800	232,606	0.0012	0.9988	99.98
2.5	195,871,031	813,010	0.0042	0.9958	99.86
3.5	156,403,603	1,464,946	0.0094	0.9906	99.45
4.5	154,163,537	2,060,275	0.0134	0.9866	98.52
5.5	142,521,151	184,734	0.0013	0.9987	97.20
6.5	141,004,852	1,034,585	0.0073	0.9927	97.07
7.5	138,266,077	220,543	0.0016	0.9984	96.36
8.5	136,944,119	241,659	0.0018	0.9982	96.21
9.5	91,056,431	696,215	0.0076	0.9924	96.04
10.5	44,269,228	270,457	0.0061	0.9939	95.30
11.5	43,743,214	794,601	0.0182	0.9818	94.72
12.5	42,658,666	1,878,128	0.0440	0.9560	93.00
13.5	39,446,754		0.0000	1.0000	88.91
14.5	38,501,030	213,866	0.0056	0.9944	88.91
15.5	38,287,165	100,802	0.0026	0.9974	88.41
16.5	38,186,362	7,420	0.0002	0.9998	88.18
17.5	38,178,942	334,342	0.0088	0.9912	88.16
18.5	36,387,065	66,553	0.0018	0.9982	87.39
19.5	23,813,998	110,230	0.0046	0.9954	87.23
20.5	23,108,600		0.0000	1.0000	86.83
21.5	23,108,600	361,102	0.0156	0.9844	86.83
22.5	22,747,498		0.0000	1.0000	85.47
23.5	22,689,005	40,235	0.0018	0.9982	85.47
24.5	22,606,781	24,459	0.0011	0.9989	85.32
25.5	19,937,312	5,268	0.0003	0.9997	85.23
26.5	67,545		0.0000	1.0000	85.20
27.5	67,545		0.0000	1.0000	85.20
28.5	57,417		0.0000	1.0000	85.20
29.5	57,417		0.0000	1.0000	85.20
30.5	57,417		0.0000	1.0000	85.20
31.5	57,417		0.0000	1.0000	85.20
32.5	11,552		0.0000	1.0000	85.20
33.5	572		0.0000	1.0000	85.20
34.5	42,703		0.0000	1.0000	85.20
35.5	42,703		0.0000	1.0000	85.20
36.5	42,703		0.0000	1.0000	85.20
37.5	42,703		0.0000	1.0000	85.20
38.5	42,703		0.0000	1.0000	85.20

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

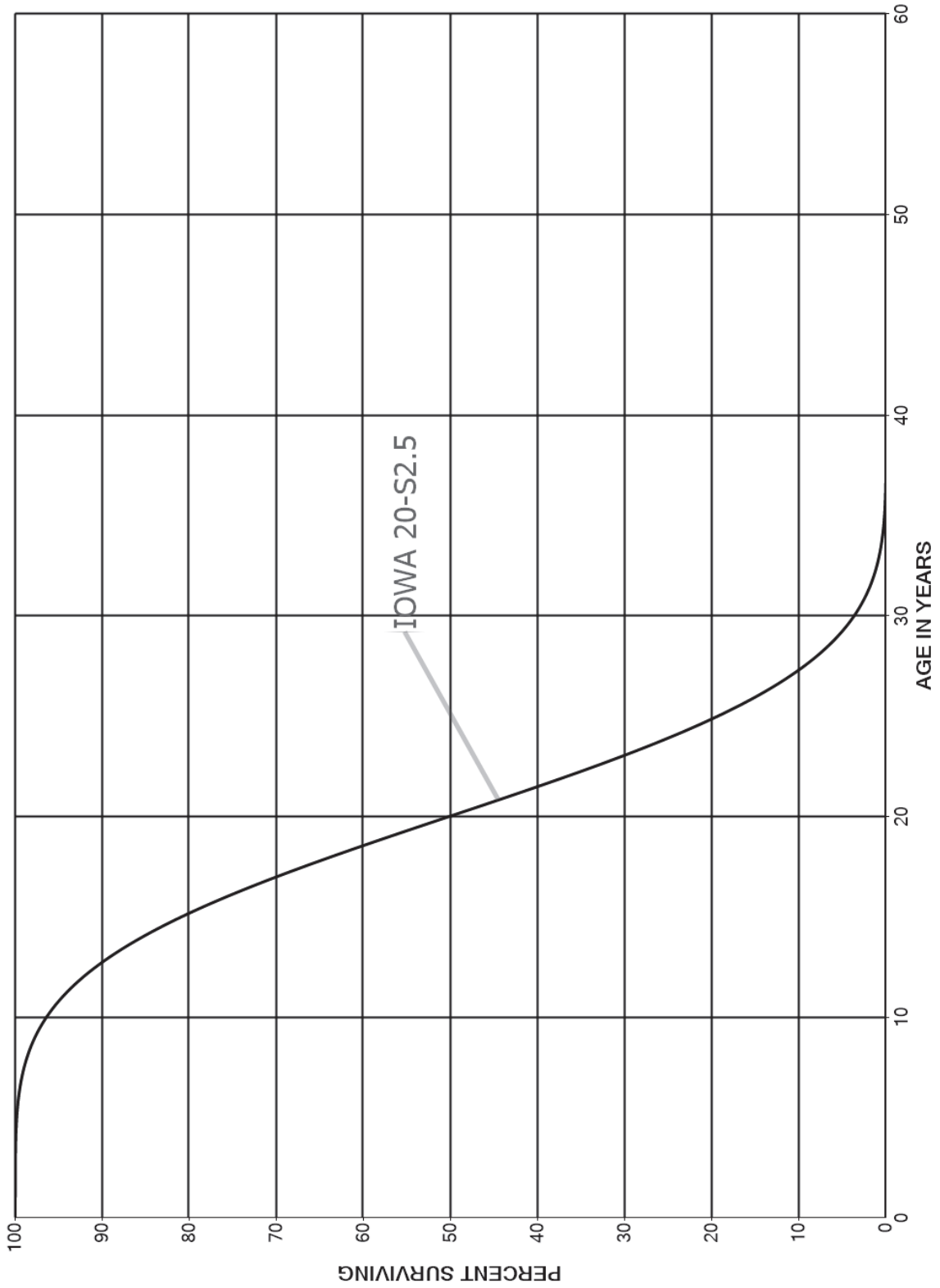
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1967-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	42,703		0.0000	1.0000	85.20
40.5	42,703		0.0000	1.0000	85.20
41.5	42,703		0.0000	1.0000	85.20
42.5	42,703		0.0000	1.0000	85.20
43.5					85.20

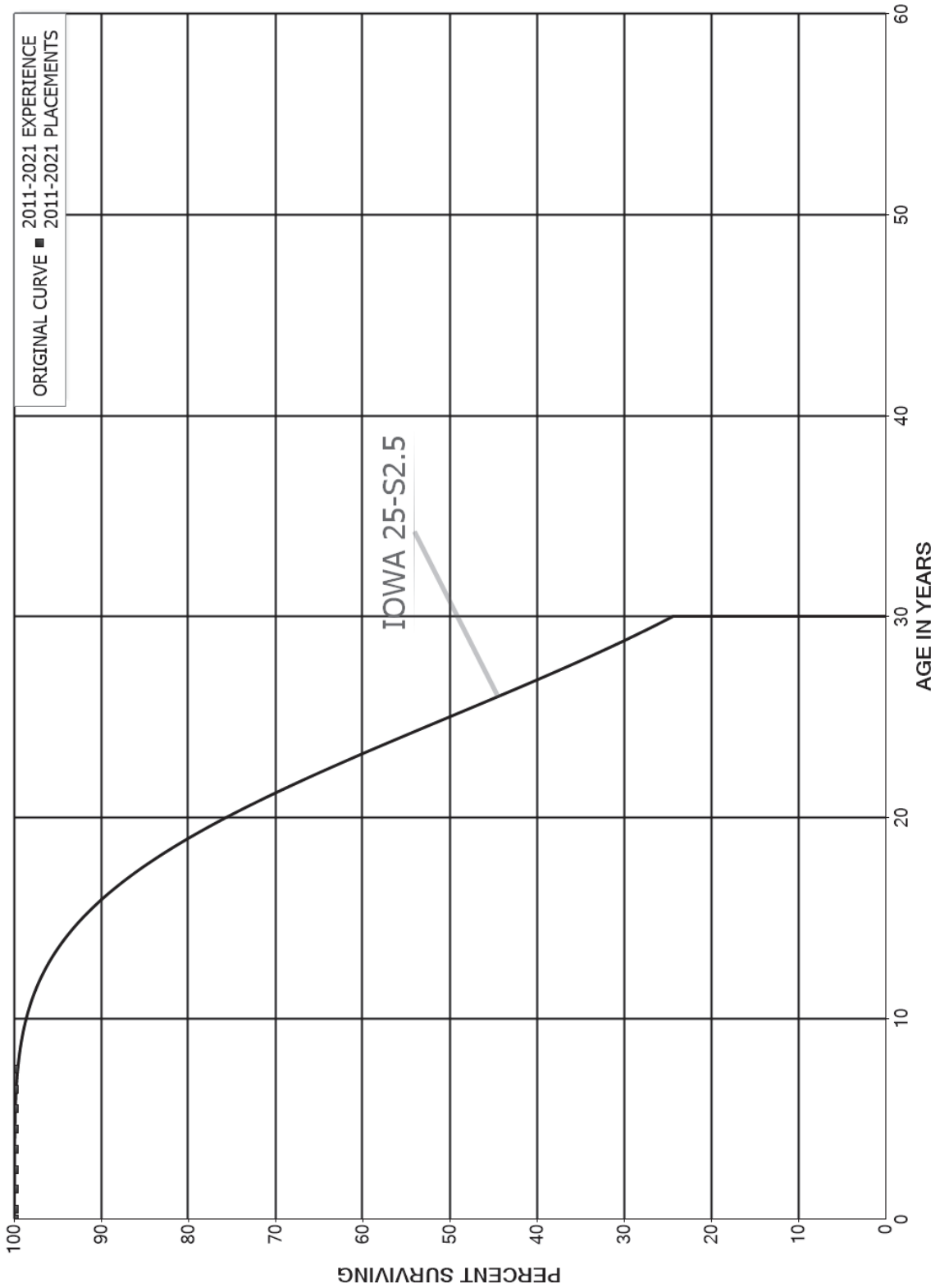
OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR - COMMUNITY - SMALL
SMOOTH SURVIVOR CURVE



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR

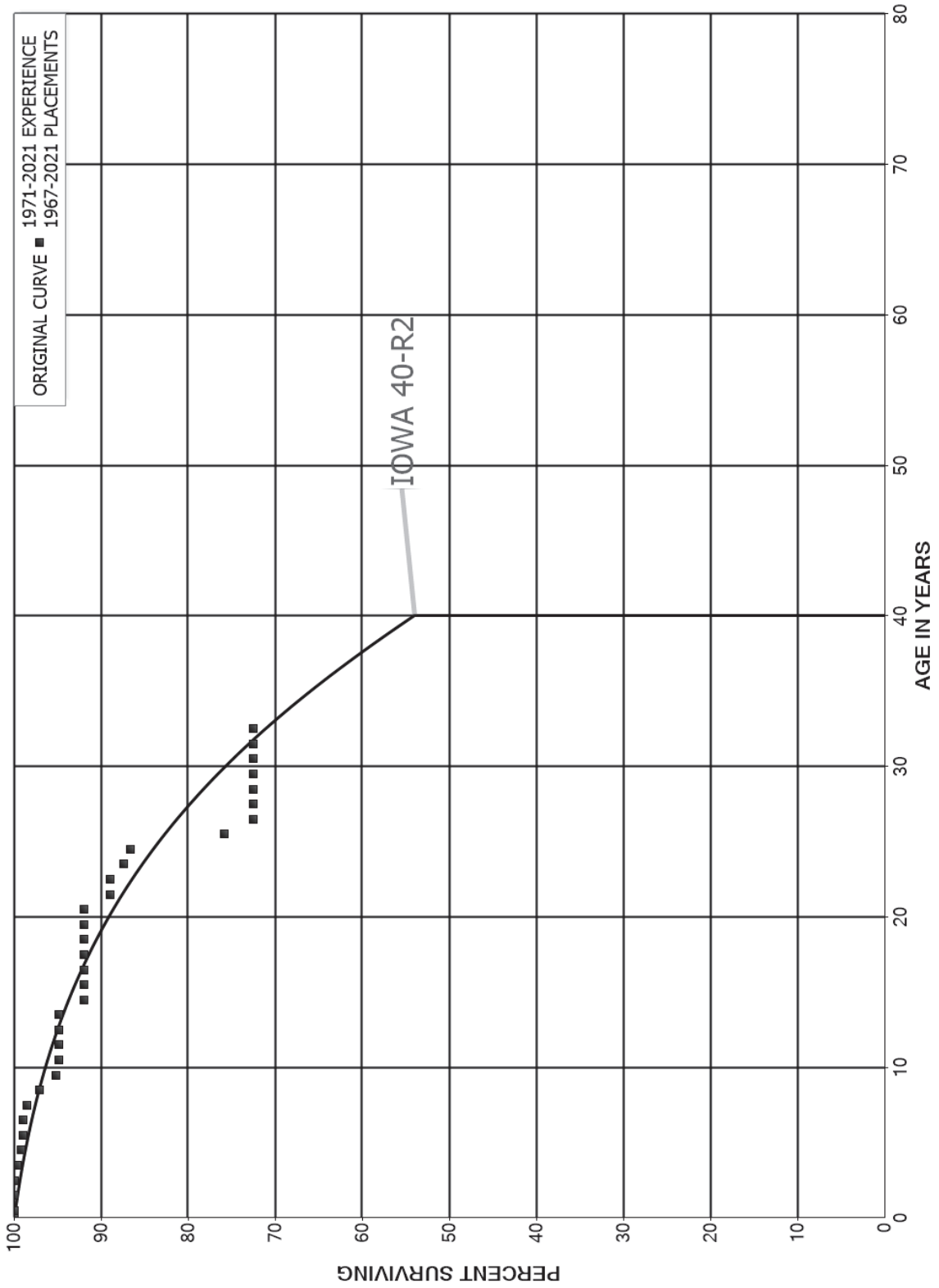
ORIGINAL LIFE TABLE

PLACEMENT BAND 2011-2021 EXPERIENCE BAND 2011-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	27,326,411		0.0000	1.0000	100.00
0.5	20,749,024		0.0000	1.0000	100.00
1.5	16,140,147		0.0000	1.0000	100.00
2.5	16,140,147		0.0000	1.0000	100.00
3.5	16,140,147		0.0000	1.0000	100.00
4.5	3,270,455		0.0000	1.0000	100.00
5.5	988,895		0.0000	1.0000	100.00
6.5	988,895		0.0000	1.0000	100.00
7.5	988,895		0.0000	1.0000	100.00
8.5	988,895		0.0000	1.0000	100.00
9.5	98,891		0.0000	1.0000	100.00
10.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

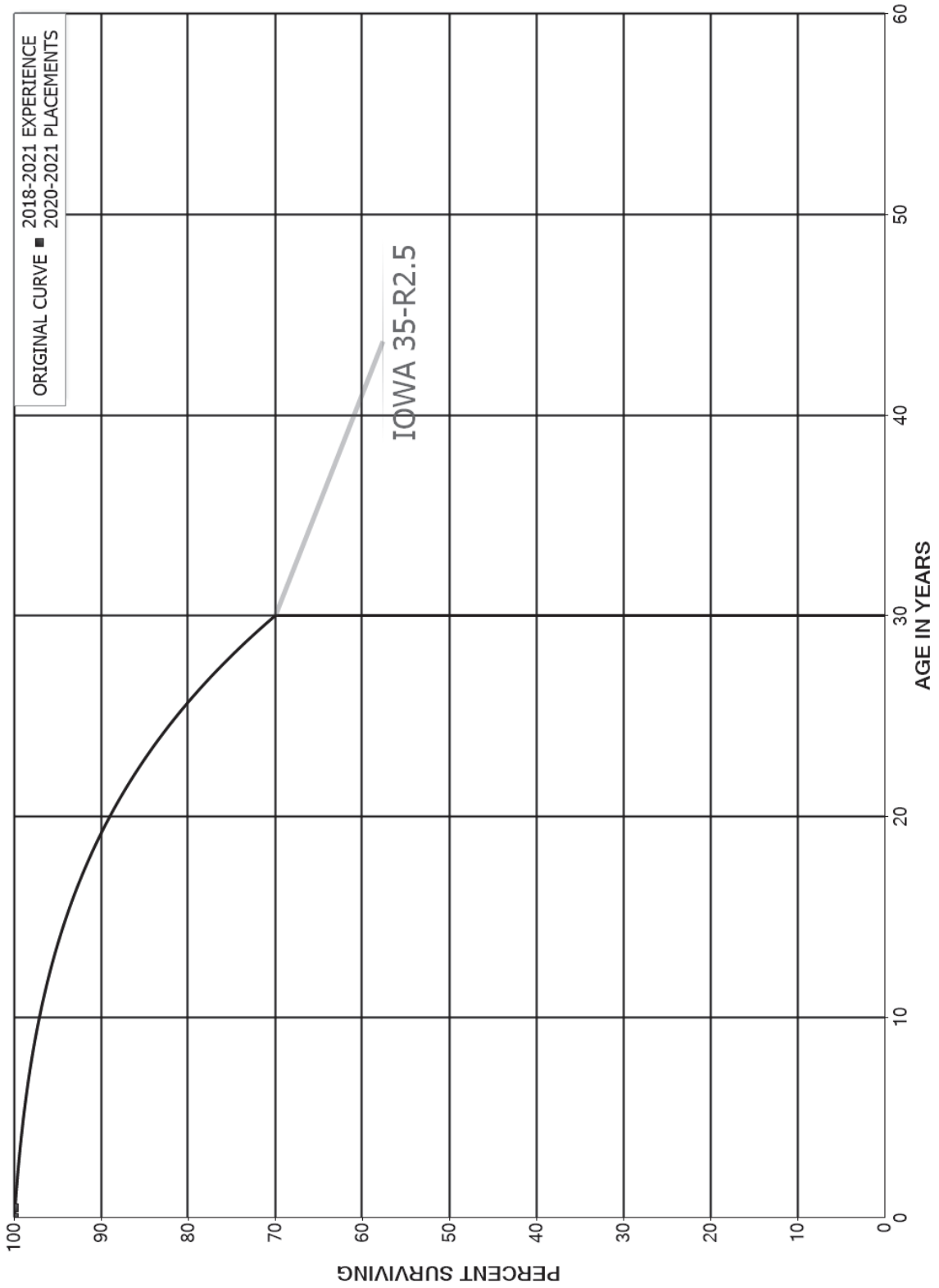
ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	65,519,706		0.0000	1.0000	100.00
0.5	62,488,098		0.0000	1.0000	100.00
1.5	59,640,618		0.0000	1.0000	100.00
2.5	52,025,884	222,369	0.0043	0.9957	100.00
3.5	43,438,235	190,876	0.0044	0.9956	99.57
4.5	27,642,914	65,808	0.0024	0.9976	99.14
5.5	26,308,835		0.0000	1.0000	98.90
6.5	21,395,680	79,322	0.0037	0.9963	98.90
7.5	19,570,085	291,623	0.0149	0.9851	98.53
8.5	18,405,116	363,779	0.0198	0.9802	97.06
9.5	13,298,735	44,886	0.0034	0.9966	95.15
10.5	6,604,820		0.0000	1.0000	94.82
11.5	6,373,269		0.0000	1.0000	94.82
12.5	5,949,090		0.0000	1.0000	94.82
13.5	5,726,953	170,651	0.0298	0.9702	94.82
14.5	5,233,059		0.0000	1.0000	92.00
15.5	5,230,380		0.0000	1.0000	92.00
16.5	5,202,762		0.0000	1.0000	92.00
17.5	5,111,042		0.0000	1.0000	92.00
18.5	4,814,654		0.0000	1.0000	92.00
19.5	2,675,662		0.0000	1.0000	92.00
20.5	2,583,926	86,212	0.0334	0.9666	92.00
21.5	2,364,483		0.0000	1.0000	88.93
22.5	2,328,034	41,589	0.0179	0.9821	88.93
23.5	2,251,791	19,252	0.0085	0.9915	87.34
24.5	2,211,674	274,213	0.1240	0.8760	86.59
25.5	1,899,788	85,171	0.0448	0.9552	75.86
26.5	54,736		0.0000	1.0000	72.46
27.5	51,733		0.0000	1.0000	72.46
28.5	17,651		0.0000	1.0000	72.46
29.5	5,192		0.0000	1.0000	72.46
30.5	5,192		0.0000	1.0000	72.46
31.5	1,144		0.0000	1.0000	72.46
32.5					72.46

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR

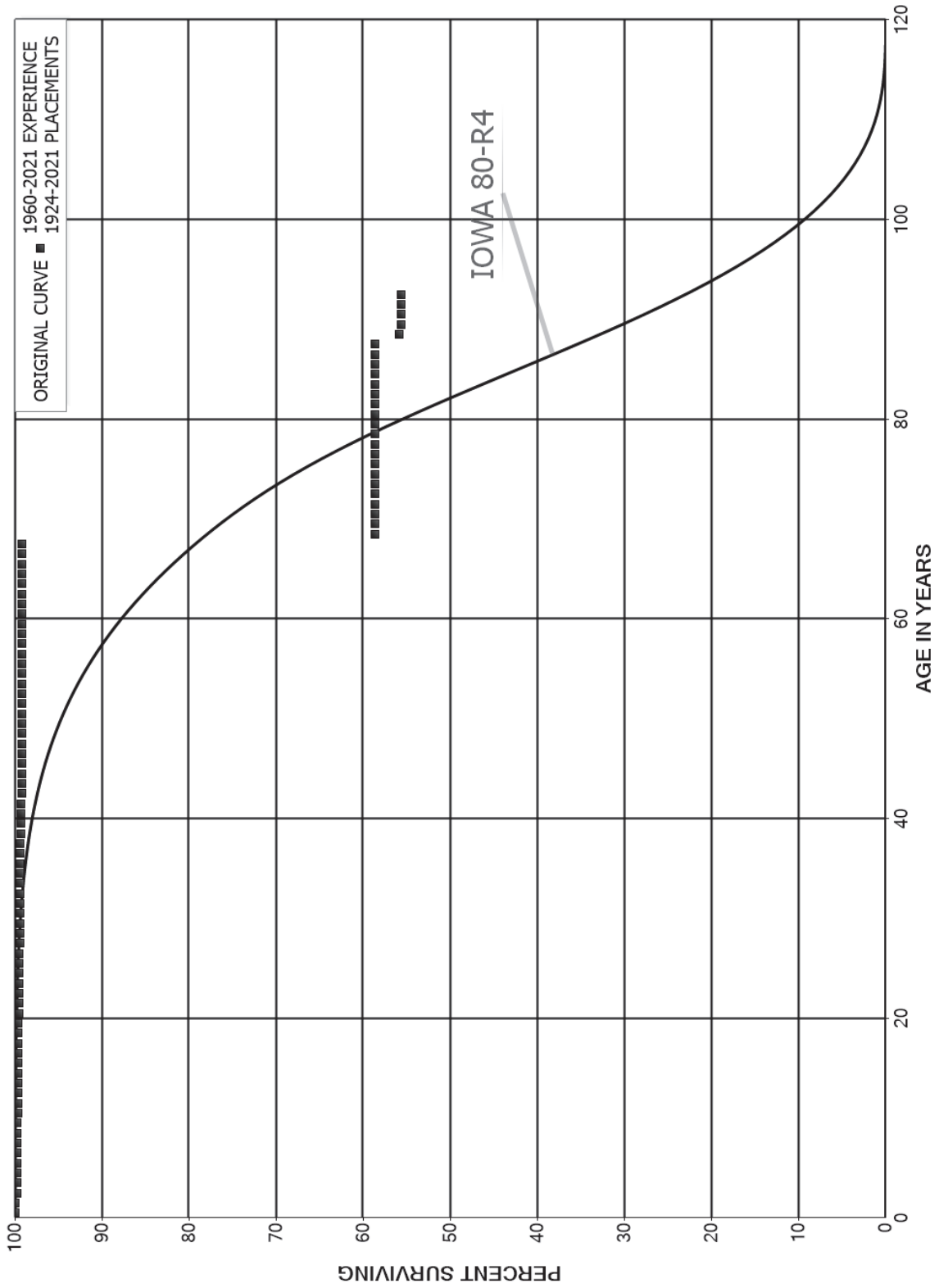
ORIGINAL LIFE TABLE

PLACEMENT BAND 2020-2021 EXPERIENCE BAND 2018-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	302,648		0.0000	1.0000	100.00
0.5	233,085		0.0000	1.0000	100.00
1.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 350.00 RIGHTS OF WAY
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 350.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	162,495,893	75,060	0.0005	0.9995	100.00
0.5	162,486,729	152	0.0000	1.0000	99.95
1.5	162,769,224	351,115	0.0022	0.9978	99.95
2.5	162,761,631	948	0.0000	1.0000	99.74
3.5	161,779,016		0.0000	1.0000	99.74
4.5	158,016,001	11,302	0.0001	0.9999	99.74
5.5	155,249,929	14,492	0.0001	0.9999	99.73
6.5	155,167,803	14,732	0.0001	0.9999	99.72
7.5	153,520,914	7,478	0.0000	1.0000	99.71
8.5	151,471,145	7,482	0.0000	1.0000	99.71
9.5	150,203,547	75,979	0.0005	0.9995	99.70
10.5	145,850,174		0.0000	1.0000	99.65
11.5	143,047,746	4,293	0.0000	1.0000	99.65
12.5	140,729,378	8,592	0.0001	0.9999	99.65
13.5	134,281,940		0.0000	1.0000	99.64
14.5	132,411,053	100,422	0.0008	0.9992	99.64
15.5	130,248,524	2,125	0.0000	1.0000	99.57
16.5	127,088,411	3,750	0.0000	1.0000	99.57
17.5	125,678,392	1,569	0.0000	1.0000	99.56
18.5	124,815,796		0.0000	1.0000	99.56
19.5	123,938,512	47,225	0.0004	0.9996	99.56
20.5	122,578,369	15,601	0.0001	0.9999	99.52
21.5	120,112,356	16,967	0.0001	0.9999	99.51
22.5	119,205,140		0.0000	1.0000	99.50
23.5	117,774,433	8,520	0.0001	0.9999	99.50
24.5	115,588,134	250	0.0000	1.0000	99.49
25.5	114,305,657	43,996	0.0004	0.9996	99.49
26.5	110,954,138	13,204	0.0001	0.9999	99.45
27.5	108,468,574		0.0000	1.0000	99.44
28.5	106,990,958	10,113	0.0001	0.9999	99.44
29.5	104,649,648		0.0000	1.0000	99.43
30.5	103,024,428	13,500	0.0001	0.9999	99.43
31.5	94,560,140	2,100	0.0000	1.0000	99.42
32.5	91,862,126	9,059	0.0001	0.9999	99.41
33.5	91,183,347	7	0.0000	1.0000	99.40
34.5	90,127,397		0.0000	1.0000	99.40
35.5	88,708,721	3,406	0.0000	1.0000	99.40
36.5	85,234,157	1,100	0.0000	1.0000	99.40
37.5	83,032,506	107,276	0.0013	0.9987	99.40
38.5	79,726,472	363	0.0000	1.0000	99.27

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 350.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	74,733,174		0.0000	1.0000	99.27
40.5	69,802,028	13,986	0.0002	0.9998	99.27
41.5	66,875,757	16,806	0.0003	0.9997	99.25
42.5	63,991,975	8,985	0.0001	0.9999	99.23
43.5	58,925,519	8	0.0000	1.0000	99.21
44.5	57,718,418	445	0.0000	1.0000	99.21
45.5	53,301,078	20	0.0000	1.0000	99.21
46.5	46,548,880	28	0.0000	1.0000	99.21
47.5	38,966,527	997	0.0000	1.0000	99.21
48.5	35,808,008		0.0000	1.0000	99.21
49.5	26,515,183	6,428	0.0002	0.9998	99.21
50.5	24,159,721		0.0000	1.0000	99.18
51.5	21,160,714	4,238	0.0002	0.9998	99.18
52.5	18,868,497		0.0000	1.0000	99.16
53.5	15,565,535		0.0000	1.0000	99.16
54.5	14,106,107		0.0000	1.0000	99.16
55.5	12,531,522		0.0000	1.0000	99.16
56.5	10,926,076	428	0.0000	1.0000	99.16
57.5	9,687,607		0.0000	1.0000	99.16
58.5	8,375,933		0.0000	1.0000	99.16
59.5	7,835,526		0.0000	1.0000	99.16
60.5	6,856,097	2,074	0.0003	0.9997	99.16
61.5	58,432		0.0000	1.0000	99.13
62.5	54,432		0.0000	1.0000	99.13
63.5	60,932		0.0000	1.0000	99.13
64.5	60,887		0.0000	1.0000	99.13
65.5	55,910		0.0000	1.0000	99.13
66.5	55,163		0.0000	1.0000	99.13
67.5	58,083	23,717	0.4083	0.5917	99.13
68.5	34,366		0.0000	1.0000	58.65
69.5	33,081		0.0000	1.0000	58.65
70.5	33,071	2	0.0001	0.9999	58.65
71.5	33,071		0.0000	1.0000	58.65
72.5	33,071		0.0000	1.0000	58.65
73.5	33,085		0.0000	1.0000	58.65
74.5	33,545		0.0000	1.0000	58.65
75.5	38,452		0.0000	1.0000	58.65
76.5	38,299		0.0000	1.0000	58.65
77.5	34,765		0.0000	1.0000	58.65
78.5	34,618		0.0000	1.0000	58.65

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 350.00 RIGHTS OF WAY

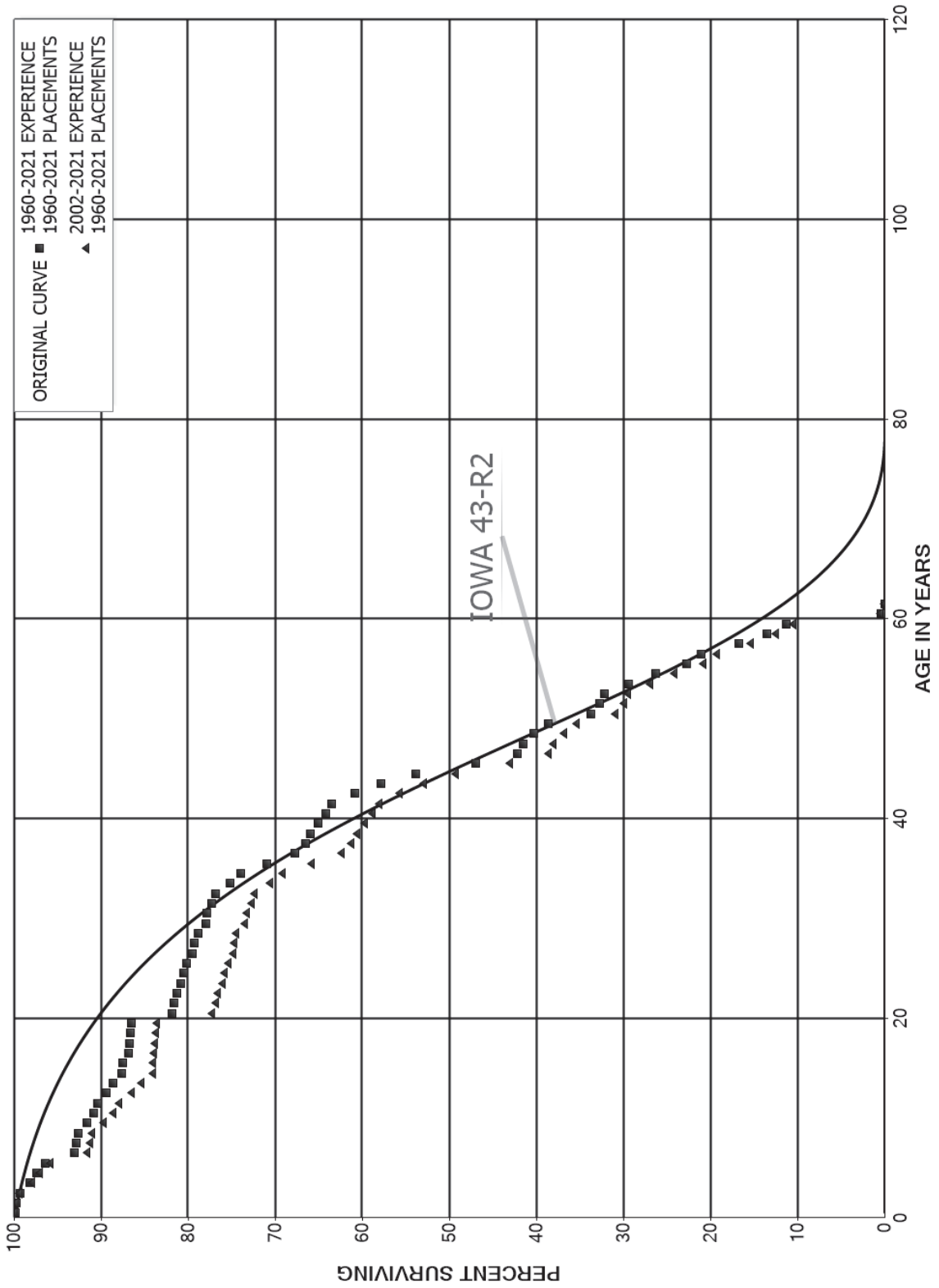
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	30,737		0.0000	1.0000	58.65
80.5	14,290		0.0000	1.0000	58.65
81.5	14,290		0.0000	1.0000	58.65
82.5	14,170		0.0000	1.0000	58.65
83.5	14,170		0.0000	1.0000	58.65
84.5	14,170		0.0000	1.0000	58.65
85.5	14,156		0.0000	1.0000	58.65
86.5	13,493		0.0000	1.0000	58.65
87.5	8,586	415	0.0483	0.9517	58.65
88.5	7,452	32	0.0043	0.9957	55.81
89.5	6,053		0.0000	1.0000	55.57
90.5	6,053		0.0000	1.0000	55.57
91.5	6,053		0.0000	1.0000	55.57
92.5					55.57

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	188,753,517	232,298	0.0012	0.9988	100.00
0.5	159,503,616	154,988	0.0010	0.9990	99.88
1.5	163,192,671	761,983	0.0047	0.9953	99.78
2.5	109,153,469	1,304,590	0.0120	0.9880	99.31
3.5	99,695,751	753,561	0.0076	0.9924	98.13
4.5	80,261,358	781,622	0.0097	0.9903	97.39
5.5	80,701,813	2,830,159	0.0351	0.9649	96.44
6.5	73,609,725	170,596	0.0023	0.9977	93.05
7.5	70,326,014	166,093	0.0024	0.9976	92.84
8.5	60,476,817	678,848	0.0112	0.9888	92.62
9.5	54,480,445	470,242	0.0086	0.9914	91.58
10.5	49,708,846	245,802	0.0049	0.9951	90.79
11.5	41,754,591	445,330	0.0107	0.9893	90.34
12.5	40,398,409	349,294	0.0086	0.9914	89.38
13.5	38,514,440	409,996	0.0106	0.9894	88.60
14.5	36,048,036	75,480	0.0021	0.9979	87.66
15.5	33,544,125	265,607	0.0079	0.9921	87.48
16.5	28,793,508	34,149	0.0012	0.9988	86.79
17.5	28,139,152	16,299	0.0006	0.9994	86.68
18.5	27,718,008	40,977	0.0015	0.9985	86.63
19.5	25,238,598	1,351,470	0.0535	0.9465	86.50
20.5	23,059,105	74,809	0.0032	0.9968	81.87
21.5	21,035,525	75,524	0.0036	0.9964	81.61
22.5	20,866,111	135,892	0.0065	0.9935	81.31
23.5	20,772,601	59,977	0.0029	0.9971	80.78
24.5	19,969,627	85,400	0.0043	0.9957	80.55
25.5	19,655,920	183,550	0.0093	0.9907	80.21
26.5	17,862,097	49,896	0.0028	0.9972	79.46
27.5	17,707,569	93,558	0.0053	0.9947	79.24
28.5	16,419,773	179,031	0.0109	0.9891	78.82
29.5	15,960,200	31,194	0.0020	0.9980	77.96
30.5	15,531,512	96,416	0.0062	0.9938	77.80
31.5	14,533,437	82,357	0.0057	0.9943	77.32
32.5	13,832,704	312,592	0.0226	0.9774	76.88
33.5	10,956,310	173,987	0.0159	0.9841	75.15
34.5	10,767,106	440,141	0.0409	0.9591	73.95
35.5	10,222,136	461,339	0.0451	0.9549	70.93
36.5	9,707,066	173,689	0.0179	0.9821	67.73
37.5	8,912,426	83,080	0.0093	0.9907	66.52
38.5	8,608,862	110,134	0.0128	0.9872	65.90

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	8,325,954	117,335	0.0141	0.9859	65.05
40.5	7,460,431	76,755	0.0103	0.9897	64.14
41.5	7,259,187	302,387	0.0417	0.9583	63.48
42.5	6,699,518	332,742	0.0497	0.9503	60.83
43.5	6,172,402	426,750	0.0691	0.9309	57.81
44.5	5,429,572	689,070	0.1269	0.8731	53.81
45.5	4,668,984	477,808	0.1023	0.8977	46.98
46.5	4,169,010	65,494	0.0157	0.9843	42.18
47.5	4,034,185	123,446	0.0306	0.9694	41.51
48.5	3,350,096	135,323	0.0404	0.9596	40.24
49.5	2,955,379	375,052	0.1269	0.8731	38.62
50.5	2,378,231	72,689	0.0306	0.9694	33.72
51.5	2,228,187	32,883	0.0148	0.9852	32.69
52.5	2,067,805	179,770	0.0869	0.9131	32.20
53.5	1,735,381	183,756	0.1059	0.8941	29.40
54.5	1,516,718	208,025	0.1372	0.8628	26.29
55.5	1,308,693	95,910	0.0733	0.9267	22.69
56.5	1,212,783	247,045	0.2037	0.7963	21.02
57.5	965,739	185,757	0.1923	0.8077	16.74
58.5	779,982	126,969	0.1628	0.8372	13.52
59.5	653,013	628,666	0.9627	0.0373	11.32
60.5	24,347	24,347	1.0000		0.42
61.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	164,468,930	221,625	0.0013	0.9987	100.00
0.5	137,155,789	151,931	0.0011	0.9989	99.87
1.5	143,945,858	694,166	0.0048	0.9952	99.75
2.5	90,426,000	1,301,995	0.0144	0.9856	99.27
3.5	81,367,095	741,288	0.0091	0.9909	97.84
4.5	62,582,976	763,811	0.0122	0.9878	96.95
5.5	63,066,770	2,830,010	0.0449	0.9551	95.77
6.5	57,722,151	170,563	0.0030	0.9970	91.47
7.5	51,957,982	162,871	0.0031	0.9969	91.20
8.5	43,329,579	623,626	0.0144	0.9856	90.92
9.5	37,629,061	470,242	0.0125	0.9875	89.61
10.5	33,335,707	243,868	0.0073	0.9927	88.49
11.5	26,321,344	436,590	0.0166	0.9834	87.84
12.5	25,746,092	323,274	0.0126	0.9874	86.38
13.5	26,801,708	407,017	0.0152	0.9848	85.30
14.5	24,406,933	13,158	0.0005	0.9995	84.00
15.5	22,176,590	30,623	0.0014	0.9986	83.96
16.5	17,479,504	25,243	0.0014	0.9986	83.84
17.5	17,586,294	11,418	0.0006	0.9994	83.72
18.5	17,651,436	38,103	0.0022	0.9978	83.67
19.5	15,833,930	1,201,676	0.0759	0.9241	83.49
20.5	14,683,590	72,671	0.0049	0.9951	77.15
21.5	12,976,638	46,724	0.0036	0.9964	76.77
22.5	13,469,822	94,049	0.0070	0.9930	76.49
23.5	13,969,653	47,101	0.0034	0.9966	75.96
24.5	13,949,990	72,960	0.0052	0.9948	75.70
25.5	13,795,519	109,545	0.0079	0.9921	75.31
26.5	12,979,658	14,455	0.0011	0.9989	74.71
27.5	12,991,497	45,805	0.0035	0.9965	74.62
28.5	12,422,162	164,140	0.0132	0.9868	74.36
29.5	12,477,815	26,416	0.0021	0.9979	73.38
30.5	12,452,551	96,416	0.0077	0.9923	73.22
31.5	11,629,162	60,793	0.0052	0.9948	72.66
32.5	11,511,296	284,216	0.0247	0.9753	72.28
33.5	8,838,572	173,987	0.0197	0.9803	70.49
34.5	8,956,442	438,193	0.0489	0.9511	69.10
35.5	8,612,776	450,544	0.0523	0.9477	65.72
36.5	8,283,692	146,845	0.0177	0.9823	62.29
37.5	7,585,102	80,547	0.0106	0.9894	61.18
38.5	7,482,928	110,134	0.0147	0.9853	60.53

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

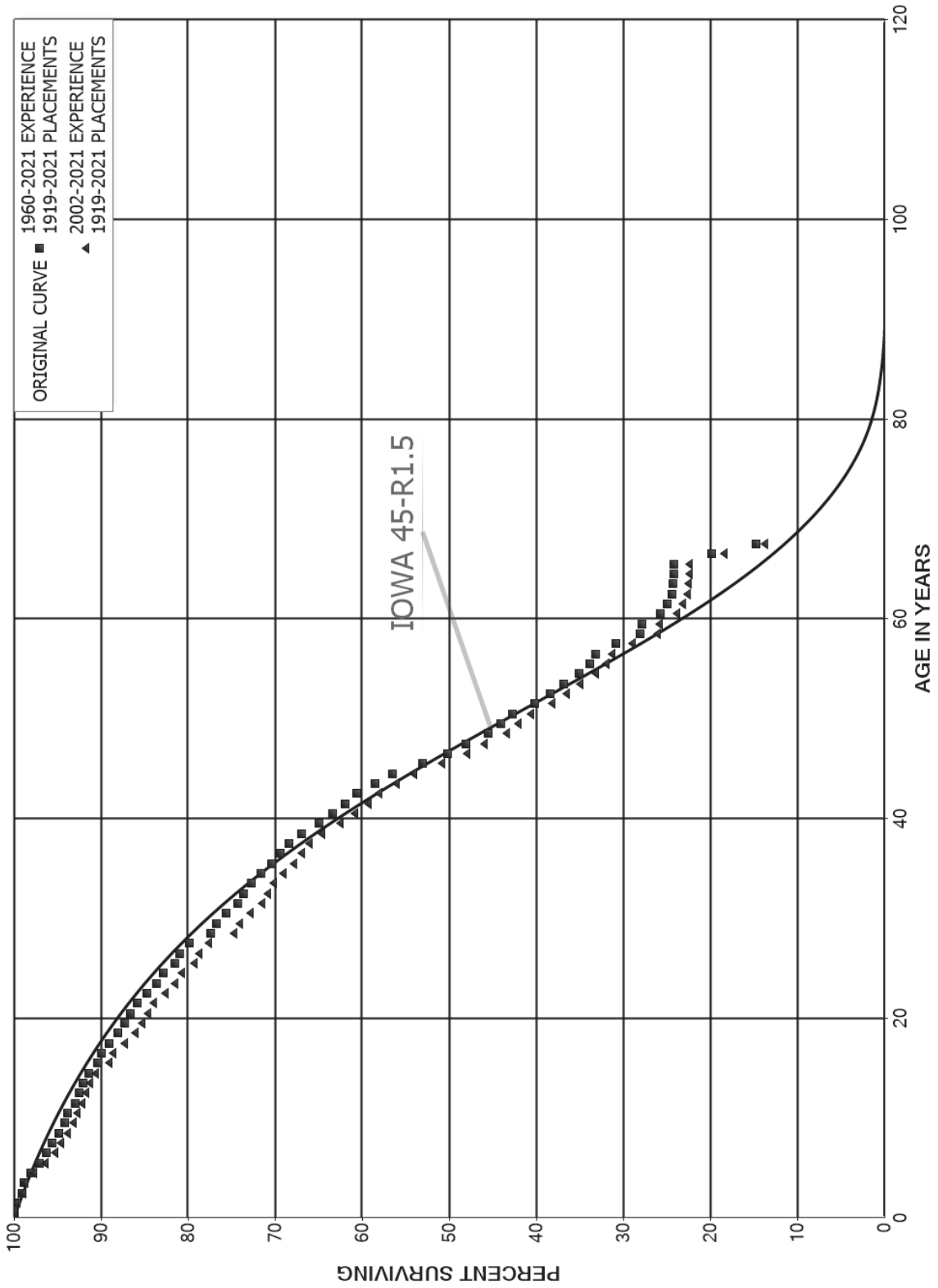
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	7,261,674	117,335	0.0162	0.9838	59.64
40.5	6,584,397	76,755	0.0117	0.9883	58.68
41.5	7,259,187	302,387	0.0417	0.9583	57.99
42.5	6,699,518	332,742	0.0497	0.9503	55.58
43.5	6,172,402	426,750	0.0691	0.9309	52.82
44.5	5,429,572	689,070	0.1269	0.8731	49.17
45.5	4,668,984	477,808	0.1023	0.8977	42.93
46.5	4,169,010	65,494	0.0157	0.9843	38.53
47.5	4,034,185	123,446	0.0306	0.9694	37.93
48.5	3,350,096	135,323	0.0404	0.9596	36.77
49.5	2,955,379	375,052	0.1269	0.8731	35.28
50.5	2,378,231	72,689	0.0306	0.9694	30.80
51.5	2,228,187	32,883	0.0148	0.9852	29.86
52.5	2,067,805	179,770	0.0869	0.9131	29.42
53.5	1,735,381	183,756	0.1059	0.8941	26.86
54.5	1,516,718	208,025	0.1372	0.8628	24.02
55.5	1,308,693	95,910	0.0733	0.9267	20.73
56.5	1,212,783	247,045	0.2037	0.7963	19.21
57.5	965,739	185,757	0.1923	0.8077	15.29
58.5	779,982	126,969	0.1628	0.8372	12.35
59.5	653,013	628,666	0.9627	0.0373	10.34
60.5	24,347	24,347	1.0000		0.39
61.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 353.00 STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,601,099,806	2,840,574	0.0011	0.9989	100.00
0.5	2,520,848,524	2,988,076	0.0012	0.9988	99.89
1.5	2,372,001,538	16,357,732	0.0069	0.9931	99.77
2.5	2,161,656,816	4,715,280	0.0022	0.9978	99.08
3.5	2,003,253,128	15,807,589	0.0079	0.9921	98.87
4.5	1,789,860,240	17,968,102	0.0100	0.9900	98.09
5.5	1,695,865,461	15,123,365	0.0089	0.9911	97.10
6.5	1,582,199,041	10,589,301	0.0067	0.9933	96.24
7.5	1,488,622,171	12,636,312	0.0085	0.9915	95.59
8.5	1,413,866,241	8,566,628	0.0061	0.9939	94.78
9.5	1,319,163,753	4,848,917	0.0037	0.9963	94.21
10.5	1,252,294,093	11,780,950	0.0094	0.9906	93.86
11.5	1,176,999,573	6,180,006	0.0053	0.9947	92.98
12.5	1,135,983,565	5,380,475	0.0047	0.9953	92.49
13.5	1,084,360,503	7,397,152	0.0068	0.9932	92.05
14.5	1,019,562,533	11,373,809	0.0112	0.9888	91.42
15.5	972,871,953	5,510,784	0.0057	0.9943	90.40
16.5	933,394,878	8,931,340	0.0096	0.9904	89.89
17.5	882,496,507	9,152,581	0.0104	0.9896	89.03
18.5	842,374,162	7,769,900	0.0092	0.9908	88.11
19.5	793,669,648	6,628,933	0.0084	0.9916	87.30
20.5	758,587,073	6,695,443	0.0088	0.9912	86.57
21.5	721,014,066	8,810,522	0.0122	0.9878	85.80
22.5	701,595,253	9,206,264	0.0131	0.9869	84.75
23.5	675,207,638	6,922,085	0.0103	0.9897	83.64
24.5	660,037,060	9,998,098	0.0151	0.9849	82.78
25.5	639,880,147	5,014,977	0.0078	0.9922	81.53
26.5	604,962,954	8,242,039	0.0136	0.9864	80.89
27.5	576,889,984	16,933,862	0.0294	0.9706	79.79
28.5	525,350,913	4,676,918	0.0089	0.9911	77.45
29.5	503,632,861	7,291,245	0.0145	0.9855	76.76
30.5	458,590,803	8,383,980	0.0183	0.9817	75.65
31.5	424,604,115	3,693,950	0.0087	0.9913	74.26
32.5	402,550,883	5,112,507	0.0127	0.9873	73.62
33.5	387,572,153	5,817,349	0.0150	0.9850	72.68
34.5	375,606,549	6,321,387	0.0168	0.9832	71.59
35.5	357,182,481	5,231,150	0.0146	0.9854	70.39
36.5	344,249,463	4,785,367	0.0139	0.9861	69.36
37.5	319,110,852	6,663,047	0.0209	0.9791	68.39
38.5	288,078,805	8,527,530	0.0296	0.9704	66.96

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	266,220,876	6,557,731	0.0246	0.9754	64.98
40.5	234,697,027	5,376,196	0.0229	0.9771	63.38
41.5	223,527,776	4,757,339	0.0213	0.9787	61.93
42.5	209,431,385	7,099,824	0.0339	0.9661	60.61
43.5	192,453,468	6,709,329	0.0349	0.9651	58.56
44.5	176,565,169	10,633,316	0.0602	0.9398	56.51
45.5	157,206,020	8,720,186	0.0555	0.9445	53.11
46.5	125,242,261	5,156,268	0.0412	0.9588	50.17
47.5	108,382,439	5,900,007	0.0544	0.9456	48.10
48.5	87,771,220	2,710,429	0.0309	0.9691	45.48
49.5	71,505,998	2,264,786	0.0317	0.9683	44.08
50.5	60,045,349	3,504,524	0.0584	0.9416	42.68
51.5	53,757,101	2,373,250	0.0441	0.9559	40.19
52.5	41,365,548	1,678,275	0.0406	0.9594	38.42
53.5	36,957,217	1,791,587	0.0485	0.9515	36.86
54.5	30,749,147	1,091,628	0.0355	0.9645	35.07
55.5	27,441,263	562,611	0.0205	0.9795	33.83
56.5	24,611,475	1,704,760	0.0693	0.9307	33.13
57.5	20,472,917	1,855,782	0.0906	0.9094	30.84
58.5	17,940,362	136,718	0.0076	0.9924	28.04
59.5	16,758,171	1,261,238	0.0753	0.9247	27.83
60.5	14,032,502	414,867	0.0296	0.9704	25.73
61.5	2,421,687	54,073	0.0223	0.9777	24.97
62.5	2,367,614	13,558	0.0057	0.9943	24.42
63.5	2,354,056	7,414	0.0031	0.9969	24.28
64.5	2,329,369	1,834	0.0008	0.9992	24.20
65.5	2,314,749	416,953	0.1801	0.8199	24.18
66.5	1,804,608	463,900	0.2571	0.7429	19.82
67.5	1,238,763	6,927	0.0056	0.9944	14.73
68.5	1,135,849	4,940	0.0043	0.9957	14.65
69.5	1,117,437	17,773	0.0159	0.9841	14.58
70.5	863,758		0.0000	1.0000	14.35
71.5	846,575		0.0000	1.0000	14.35
72.5	837,521	8,383	0.0100	0.9900	14.35
73.5	829,138	233	0.0003	0.9997	14.21
74.5	828,906	1,398	0.0017	0.9983	14.20
75.5	833,025	2,153	0.0026	0.9974	14.18
76.5	830,872	10,961	0.0132	0.9868	14.14
77.5	819,547	15,243	0.0186	0.9814	13.96
78.5	803,955	725	0.0009	0.9991	13.70

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	433,748		0.0000	1.0000	13.68
80.5	6,357		0.0000	1.0000	13.68
81.5	6,295		0.0000	1.0000	13.68
82.5	6,295		0.0000	1.0000	13.68
83.5	6,295		0.0000	1.0000	13.68
84.5	6,295		0.0000	1.0000	13.68
85.5	6,295	3	0.0005	0.9995	13.68
86.5	6,292		0.0000	1.0000	13.68
87.5	6,292		0.0000	1.0000	13.68
88.5	6,170		0.0000	1.0000	13.68
89.5	6,170	20	0.0033	0.9967	13.68
90.5	6,150		0.0000	1.0000	13.63
91.5	6,150		0.0000	1.0000	13.63
92.5	5,517		0.0000	1.0000	13.63
93.5	5,517		0.0000	1.0000	13.63
94.5	5,517		0.0000	1.0000	13.63
95.5	5,517		0.0000	1.0000	13.63
96.5	5,517		0.0000	1.0000	13.63
97.5	5,517		0.0000	1.0000	13.63
98.5	5,517		0.0000	1.0000	13.63
99.5	5,517	228	0.0413	0.9587	13.63
100.5	5,289		0.0000	1.0000	13.07
101.5	5,289		0.0000	1.0000	13.07
102.5					13.07

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,744,005,052	2,743,477	0.0016	0.9984	100.00
0.5	1,686,847,625	1,324,444	0.0008	0.9992	99.84
1.5	1,559,767,619	14,181,376	0.0091	0.9909	99.76
2.5	1,356,589,480	2,641,530	0.0019	0.9981	98.86
3.5	1,216,868,834	12,568,423	0.0103	0.9897	98.66
4.5	1,008,513,549	14,086,098	0.0140	0.9860	97.65
5.5	935,192,966	10,689,227	0.0114	0.9886	96.28
6.5	863,912,470	6,526,987	0.0076	0.9924	95.18
7.5	794,856,748	5,849,368	0.0074	0.9926	94.46
8.5	764,142,289	5,634,735	0.0074	0.9926	93.77
9.5	691,635,296	3,228,492	0.0047	0.9953	93.08
10.5	674,094,054	4,028,033	0.0060	0.9940	92.64
11.5	636,004,365	3,073,569	0.0048	0.9952	92.09
12.5	623,497,988	3,155,427	0.0051	0.9949	91.64
13.5	591,627,467	4,587,567	0.0078	0.9922	91.18
14.5	542,206,105	9,184,427	0.0169	0.9831	90.47
15.5	515,449,527	2,586,261	0.0050	0.9950	88.94
16.5	491,904,056	7,543,066	0.0153	0.9847	88.49
17.5	470,503,603	6,193,779	0.0132	0.9868	87.14
18.5	466,530,818	4,482,178	0.0096	0.9904	85.99
19.5	438,190,342	3,634,338	0.0083	0.9917	85.16
20.5	432,084,028	3,455,223	0.0080	0.9920	84.46
21.5	410,001,901	6,042,611	0.0147	0.9853	83.78
22.5	408,076,800	5,429,743	0.0133	0.9867	82.55
23.5	406,010,086	4,421,889	0.0109	0.9891	81.45
24.5	407,229,955	6,730,841	0.0165	0.9835	80.56
25.5	402,855,941	2,878,226	0.0071	0.9929	79.23
26.5	405,827,433	5,936,189	0.0146	0.9854	78.66
27.5	407,711,013	15,521,369	0.0381	0.9619	77.51
28.5	391,647,997	3,166,369	0.0081	0.9919	74.56
29.5	392,730,524	6,517,460	0.0166	0.9834	73.96
30.5	367,005,899	6,758,254	0.0184	0.9816	72.73
31.5	341,802,532	3,155,417	0.0092	0.9908	71.39
32.5	337,804,884	3,334,097	0.0099	0.9901	70.73
33.5	329,663,180	4,863,006	0.0148	0.9852	70.04
34.5	327,105,846	6,039,134	0.0185	0.9815	69.00
35.5	315,155,519	4,219,114	0.0134	0.9866	67.73
36.5	307,352,892	4,141,266	0.0135	0.9865	66.82
37.5	286,059,765	6,064,417	0.0212	0.9788	65.92
38.5	258,320,861	8,516,702	0.0330	0.9670	64.52

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	238,205,289	6,286,671	0.0264	0.9736	62.40
40.5	209,932,423	5,332,808	0.0254	0.9746	60.75
41.5	221,142,835	4,757,339	0.0215	0.9785	59.21
42.5	207,046,444	7,099,824	0.0343	0.9657	57.93
43.5	189,946,056	6,709,329	0.0353	0.9647	55.95
44.5	174,076,210	10,633,316	0.0611	0.9389	53.97
45.5	154,739,715	8,720,186	0.0564	0.9436	50.67
46.5	122,908,187	5,156,268	0.0420	0.9580	47.82
47.5	106,175,115	5,900,007	0.0556	0.9444	45.81
48.5	85,679,073	2,710,429	0.0316	0.9684	43.27
49.5	69,427,532	2,264,786	0.0326	0.9674	41.90
50.5	58,289,005	3,504,524	0.0601	0.9399	40.53
51.5	52,021,970	2,373,250	0.0456	0.9544	38.09
52.5	39,639,745	1,678,275	0.0423	0.9577	36.36
53.5	35,187,615	1,733,823	0.0493	0.9507	34.82
54.5	29,037,309	1,091,628	0.0376	0.9624	33.10
55.5	25,729,425	562,611	0.0219	0.9781	31.86
56.5	22,899,637	1,704,760	0.0744	0.9256	31.16
57.5	18,761,451	1,855,782	0.0989	0.9011	28.84
58.5	16,229,856	136,718	0.0084	0.9916	25.99
59.5	15,879,957	1,261,238	0.0794	0.9206	25.77
60.5	14,030,833	414,867	0.0296	0.9704	23.72
61.5	2,420,081	54,073	0.0223	0.9777	23.02
62.5	2,366,008	13,558	0.0057	0.9943	22.51
63.5	2,352,450	7,414	0.0032	0.9968	22.38
64.5	2,327,763	1,834	0.0008	0.9992	22.31
65.5	2,313,143	416,953	0.1803	0.8197	22.29
66.5	1,803,002	463,900	0.2573	0.7427	18.27
67.5	1,237,157	6,927	0.0056	0.9944	13.57
68.5	1,135,196	4,940	0.0044	0.9956	13.49
69.5	1,116,784	17,773	0.0159	0.9841	13.44
70.5	863,105		0.0000	1.0000	13.22
71.5	845,922		0.0000	1.0000	13.22
72.5	837,521	8,383	0.0100	0.9900	13.22
73.5	829,138	233	0.0003	0.9997	13.09
74.5	828,906	1,398	0.0017	0.9983	13.09
75.5	827,508	2,153	0.0026	0.9974	13.06
76.5	825,355	10,961	0.0133	0.9867	13.03
77.5	814,030	15,243	0.0187	0.9813	12.86
78.5	798,438	725	0.0009	0.9991	12.62

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

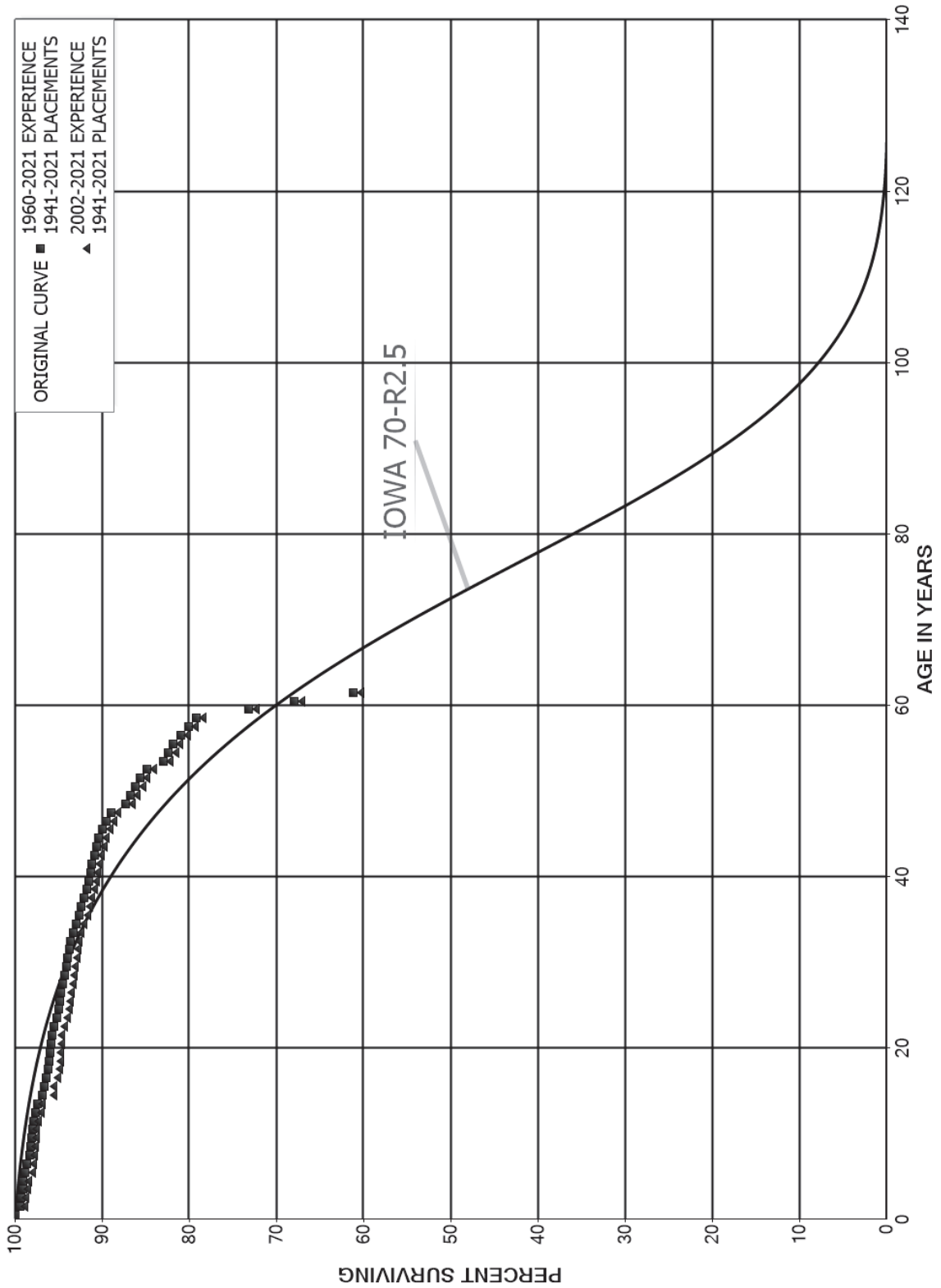
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	428,231		0.0000	1.0000	12.60
80.5	840		0.0000	1.0000	12.60
81.5	778		0.0000	1.0000	12.60
82.5	6,295		0.0000	1.0000	12.60
83.5	6,295		0.0000	1.0000	12.60
84.5	6,295		0.0000	1.0000	12.60
85.5	6,295	3	0.0005	0.9995	12.60
86.5	6,292		0.0000	1.0000	12.60
87.5	6,292		0.0000	1.0000	12.60
88.5	6,170		0.0000	1.0000	12.60
89.5	6,170	20	0.0033	0.9967	12.60
90.5	6,150		0.0000	1.0000	12.56
91.5	6,150		0.0000	1.0000	12.56
92.5	5,517		0.0000	1.0000	12.56
93.5	5,517		0.0000	1.0000	12.56
94.5	5,517		0.0000	1.0000	12.56
95.5	5,517		0.0000	1.0000	12.56
96.5	5,517		0.0000	1.0000	12.56
97.5	5,517		0.0000	1.0000	12.56
98.5	5,517		0.0000	1.0000	12.56
99.5	5,517	228	0.0413	0.9587	12.56
100.5	5,289		0.0000	1.0000	12.04
101.5	5,289		0.0000	1.0000	12.04
102.5					12.04

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 354.00 TOWERS AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1941-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	682,283,603	75,908	0.0001	0.9999	100.00
0.5	666,971,012	4,072,399	0.0061	0.9939	99.99
1.5	631,929,381	437,770	0.0007	0.9993	99.38
2.5	594,108,992	1,181,531	0.0020	0.9980	99.31
3.5	581,177,155	389,425	0.0007	0.9993	99.11
4.5	571,990,893	1,443,276	0.0025	0.9975	99.05
5.5	558,026,941	927,914	0.0017	0.9983	98.80
6.5	544,979,738	1,665,090	0.0031	0.9969	98.63
7.5	521,782,459	583,984	0.0011	0.9989	98.33
8.5	490,001,516	876,585	0.0018	0.9982	98.22
9.5	441,697,062	323,556	0.0007	0.9993	98.04
10.5	434,353,007	613,217	0.0014	0.9986	97.97
11.5	406,039,340	1,077,420	0.0027	0.9973	97.83
12.5	401,171,476	766,585	0.0019	0.9981	97.57
13.5	395,521,771	2,318,347	0.0059	0.9941	97.39
14.5	374,359,665	599,989	0.0016	0.9984	96.82
15.5	359,482,769	963,737	0.0027	0.9973	96.66
16.5	354,336,355	740,076	0.0021	0.9979	96.40
17.5	348,185,012	538,471	0.0015	0.9985	96.20
18.5	344,011,111	257,280	0.0007	0.9993	96.05
19.5	338,307,726	332,237	0.0010	0.9990	95.98
20.5	332,627,760	538,164	0.0016	0.9984	95.89
21.5	328,501,871	740,711	0.0023	0.9977	95.73
22.5	325,549,130	1,183,448	0.0036	0.9964	95.52
23.5	323,064,696	578,411	0.0018	0.9982	95.17
24.5	317,837,235	530,405	0.0017	0.9983	95.00
25.5	310,936,884	554,604	0.0018	0.9982	94.84
26.5	298,921,186	401,422	0.0013	0.9987	94.67
27.5	287,107,955	904,683	0.0032	0.9968	94.54
28.5	282,210,165	427,018	0.0015	0.9985	94.25
29.5	279,967,293	456,230	0.0016	0.9984	94.10
30.5	264,854,723	505,982	0.0019	0.9981	93.95
31.5	250,895,028	322,958	0.0013	0.9987	93.77
32.5	239,891,604	912,139	0.0038	0.9962	93.65
33.5	234,617,480	773,059	0.0033	0.9967	93.29
34.5	230,622,952	890,527	0.0039	0.9961	92.99
35.5	222,105,424	562,282	0.0025	0.9975	92.63
36.5	214,684,394	747,546	0.0035	0.9965	92.39
37.5	204,849,007	802,459	0.0039	0.9961	92.07
38.5	196,946,641	519,714	0.0026	0.9974	91.71

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1941-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	181,775,391	366,686	0.0020	0.9980	91.47
40.5	170,562,966	293,424	0.0017	0.9983	91.28
41.5	165,364,151	461,870	0.0028	0.9972	91.13
42.5	160,190,512	471,735	0.0029	0.9971	90.87
43.5	154,638,217	378,319	0.0024	0.9976	90.60
44.5	141,345,811	759,682	0.0054	0.9946	90.38
45.5	136,167,934	649,244	0.0048	0.9952	89.90
46.5	125,763,393	707,608	0.0056	0.9944	89.47
47.5	89,527,278	1,672,076	0.0187	0.9813	88.96
48.5	76,496,791	523,898	0.0068	0.9932	87.30
49.5	50,509,519	339,508	0.0067	0.9933	86.71
50.5	47,151,514	285,640	0.0061	0.9939	86.12
51.5	39,803,800	331,674	0.0083	0.9917	85.60
52.5	31,259,604	721,763	0.0231	0.9769	84.89
53.5	27,050,649	191,261	0.0071	0.9929	82.93
54.5	24,457,099	142,074	0.0058	0.9942	82.34
55.5	22,051,647	242,686	0.0110	0.9890	81.86
56.5	19,534,607	210,912	0.0108	0.9892	80.96
57.5	17,270,010	197,538	0.0114	0.9886	80.09
58.5	14,624,447	1,116,415	0.0763	0.9237	79.17
59.5	12,991,190	915,153	0.0704	0.9296	73.13
60.5	11,572,147	1,165,893	0.1007	0.8993	67.98
61.5	317,254		0.0000	1.0000	61.13
62.5	317,254		0.0000	1.0000	61.13
63.5	317,254		0.0000	1.0000	61.13
64.5	317,254		0.0000	1.0000	61.13
65.5	317,254		0.0000	1.0000	61.13
66.5	317,254	158,627	0.5000	0.5000	61.13
67.5	158,627	158,627	1.0000		30.56
68.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1941-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	330,875,518		0.0000	1.0000	100.00
0.5	320,312,121	3,930,088	0.0123	0.9877	100.00
1.5	290,271,273	368,850	0.0013	0.9987	98.77
2.5	255,654,804	743,306	0.0029	0.9971	98.65
3.5	244,458,055	245,072	0.0010	0.9990	98.36
4.5	240,463,841	1,131,981	0.0047	0.9953	98.26
5.5	233,145,652	158,957	0.0007	0.9993	97.80
6.5	233,561,914	244,988	0.0010	0.9990	97.73
7.5	223,478,276	172,881	0.0008	0.9992	97.63
8.5	196,960,884	290,468	0.0015	0.9985	97.55
9.5	153,246,680	34,804	0.0002	0.9998	97.41
10.5	161,179,037	346,480	0.0021	0.9979	97.39
11.5	146,761,456	568,112	0.0039	0.9961	97.18
12.5	153,386,835	123,641	0.0008	0.9992	96.80
13.5	152,822,937	2,039,106	0.0133	0.9867	96.73
14.5	135,250,917	124,319	0.0009	0.9991	95.43
15.5	128,540,490	506,674	0.0039	0.9961	95.35
16.5	130,840,836	299,944	0.0023	0.9977	94.97
17.5	134,393,135	130,557	0.0010	0.9990	94.75
18.5	137,233,474	40,771	0.0003	0.9997	94.66
19.5	146,546,257	129,875	0.0009	0.9991	94.63
20.5	153,739,138	26,890	0.0002	0.9998	94.55
21.5	155,230,378	506,609	0.0033	0.9967	94.53
22.5	157,471,625	649,665	0.0041	0.9959	94.22
23.5	161,205,782	358,535	0.0022	0.9978	93.84
24.5	169,572,024	204,336	0.0012	0.9988	93.63
25.5	167,571,298	268,167	0.0016	0.9984	93.51
26.5	164,892,375	242,814	0.0015	0.9985	93.36
27.5	190,459,839	351,526	0.0018	0.9982	93.23
28.5	197,975,033	289,764	0.0015	0.9985	93.05
29.5	223,601,559	394,760	0.0018	0.9982	92.92
30.5	212,135,514	289,620	0.0014	0.9986	92.75
31.5	205,895,021	295,839	0.0014	0.9986	92.63
32.5	204,308,488	557,135	0.0027	0.9973	92.49
33.5	204,559,764	766,684	0.0037	0.9963	92.24
34.5	203,423,783	766,059	0.0038	0.9962	91.90
35.5	197,506,453	553,686	0.0028	0.9972	91.55
36.5	192,660,017	583,256	0.0030	0.9970	91.29
37.5	185,182,028	603,780	0.0033	0.9967	91.02
38.5	180,058,638	433,094	0.0024	0.9976	90.72

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

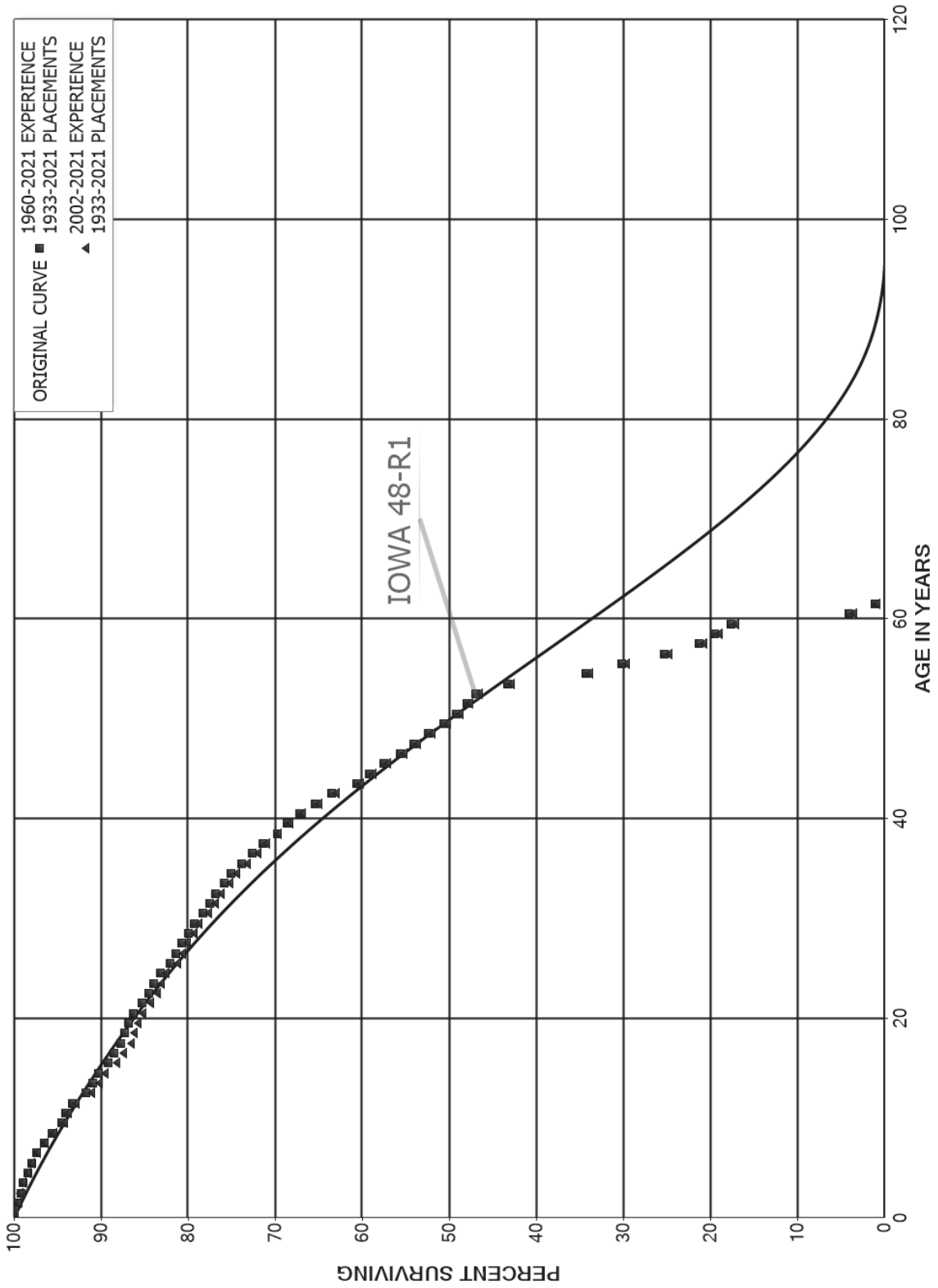
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1941-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	165,588,280	290,969	0.0018	0.9982	90.50
40.5	155,280,796	284,724	0.0018	0.9982	90.34
41.5	165,046,897	461,870	0.0028	0.9972	90.18
42.5	159,873,258	471,735	0.0030	0.9970	89.93
43.5	154,320,963	378,319	0.0025	0.9975	89.66
44.5	141,028,557	759,682	0.0054	0.9946	89.44
45.5	135,850,680	649,244	0.0048	0.9952	88.96
46.5	125,446,139	707,608	0.0056	0.9944	88.53
47.5	89,210,024	1,672,076	0.0187	0.9813	88.03
48.5	76,179,537	523,898	0.0069	0.9931	86.38
49.5	50,192,265	339,508	0.0068	0.9932	85.79
50.5	46,834,260	285,640	0.0061	0.9939	85.21
51.5	39,486,546	331,674	0.0084	0.9916	84.69
52.5	30,942,350	721,763	0.0233	0.9767	83.98
53.5	26,733,395	191,261	0.0072	0.9928	82.02
54.5	24,139,845	142,074	0.0059	0.9941	81.43
55.5	21,734,393	242,686	0.0112	0.9888	80.95
56.5	19,217,353	210,912	0.0110	0.9890	80.05
57.5	16,952,756	197,538	0.0117	0.9883	79.17
58.5	14,307,193	1,116,415	0.0780	0.9220	78.25
59.5	12,673,936	915,153	0.0722	0.9278	72.14
60.5	11,572,147	1,165,893	0.1007	0.8993	66.93
61.5	317,254		0.0000	1.0000	60.19
62.5	317,254		0.0000	1.0000	60.19
63.5	317,254		0.0000	1.0000	60.19
64.5	317,254		0.0000	1.0000	60.19
65.5	317,254		0.0000	1.0000	60.19
66.5	317,254	158,627	0.5000	0.5000	60.19
67.5	158,627	158,627	1.0000		30.10
68.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 355.00 POLES AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1933-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	731,822,112	318,303	0.0004	0.9996	100.00
0.5	668,355,898	3,349,693	0.0050	0.9950	99.96
1.5	603,789,330	1,518,343	0.0025	0.9975	99.46
2.5	573,220,495	1,797,888	0.0031	0.9969	99.21
3.5	542,274,037	2,977,830	0.0055	0.9945	98.89
4.5	425,066,900	1,828,688	0.0043	0.9957	98.35
5.5	388,351,057	2,140,106	0.0055	0.9945	97.93
6.5	368,380,882	3,247,381	0.0088	0.9912	97.39
7.5	340,125,815	3,408,604	0.0100	0.9900	96.53
8.5	318,407,985	3,509,122	0.0110	0.9890	95.56
9.5	296,404,626	1,272,093	0.0043	0.9957	94.51
10.5	283,476,577	2,384,943	0.0084	0.9916	94.10
11.5	266,613,805	4,427,970	0.0166	0.9834	93.31
12.5	251,855,029	2,205,192	0.0088	0.9912	91.76
13.5	218,480,358	1,578,650	0.0072	0.9928	90.96
14.5	204,107,103	2,582,230	0.0127	0.9873	90.30
15.5	184,618,779	1,420,356	0.0077	0.9923	89.16
16.5	158,882,177	1,440,910	0.0091	0.9909	88.47
17.5	139,818,124	563,175	0.0040	0.9960	87.67
18.5	128,315,308	776,139	0.0060	0.9940	87.32
19.5	109,888,374	695,380	0.0063	0.9937	86.79
20.5	101,902,277	1,124,911	0.0110	0.9890	86.24
21.5	89,307,177	855,155	0.0096	0.9904	85.29
22.5	84,577,931	572,509	0.0068	0.9932	84.47
23.5	79,044,869	639,300	0.0081	0.9919	83.90
24.5	75,014,836	1,089,132	0.0145	0.9855	83.22
25.5	70,985,875	530,398	0.0075	0.9925	82.01
26.5	66,671,925	510,713	0.0077	0.9923	81.40
27.5	62,545,921	644,988	0.0103	0.9897	80.78
28.5	59,276,880	492,542	0.0083	0.9917	79.94
29.5	56,329,400	711,678	0.0126	0.9874	79.28
30.5	52,675,313	502,711	0.0095	0.9905	78.28
31.5	49,356,382	439,803	0.0089	0.9911	77.53
32.5	45,904,220	581,299	0.0127	0.9873	76.84
33.5	42,509,916	450,035	0.0106	0.9894	75.87
34.5	40,533,859	640,488	0.0158	0.9842	75.06
35.5	36,888,157	639,242	0.0173	0.9827	73.88
36.5	35,138,460	566,210	0.0161	0.9839	72.60
37.5	31,411,173	724,936	0.0231	0.9769	71.43
38.5	28,819,420	494,011	0.0171	0.9829	69.78

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1933-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	27,017,587	557,335	0.0206	0.9794	68.58
40.5	24,507,365	628,213	0.0256	0.9744	67.17
41.5	22,222,960	667,592	0.0300	0.9700	65.45
42.5	20,251,292	902,918	0.0446	0.9554	63.48
43.5	18,863,807	444,283	0.0236	0.9764	60.65
44.5	17,022,404	484,598	0.0285	0.9715	59.22
45.5	16,134,159	543,229	0.0337	0.9663	57.54
46.5	14,306,668	400,981	0.0280	0.9720	55.60
47.5	11,251,743	346,325	0.0308	0.9692	54.04
48.5	10,341,762	346,893	0.0335	0.9665	52.38
49.5	8,896,468	251,561	0.0283	0.9717	50.62
50.5	8,086,258	194,448	0.0240	0.9760	49.19
51.5	6,795,031	153,669	0.0226	0.9774	48.01
52.5	5,487,780	421,300	0.0768	0.9232	46.92
53.5	4,534,446	943,487	0.2081	0.7919	43.32
54.5	3,590,959	436,747	0.1216	0.8784	34.30
55.5	3,154,212	512,518	0.1625	0.8375	30.13
56.5	2,641,694	414,574	0.1569	0.8431	25.24
57.5	2,227,120	185,861	0.0835	0.9165	21.28
58.5	2,041,258	202,581	0.0992	0.9008	19.50
59.5	1,838,677	1,414,736	0.7694	0.2306	17.57
60.5	423,941	308,667	0.7281	0.2719	4.05
61.5	115,275	269	0.0023	0.9977	1.10
62.5	115,005		0.0000	1.0000	1.10
63.5	115,005		0.0000	1.0000	1.10
64.5	115,005	17,039	0.1482	0.8518	1.10
65.5	97,966	21,141	0.2158	0.7842	0.94
66.5	76,825	22,802	0.2968	0.7032	0.73
67.5	54,023		0.0000	1.0000	0.52
68.5	54,023	1,344	0.0249	0.9751	0.52
69.5	52,679		0.0000	1.0000	0.50
70.5	52,679		0.0000	1.0000	0.50
71.5	52,679		0.0000	1.0000	0.50
72.5	52,679		0.0000	1.0000	0.50
73.5	52,679		0.0000	1.0000	0.50
74.5	52,679		0.0000	1.0000	0.50
75.5	52,679		0.0000	1.0000	0.50
76.5	52,679		0.0000	1.0000	0.50
77.5	52,679		0.0000	1.0000	0.50
78.5	52,679		0.0000	1.0000	0.50

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1933-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	52,679	17,559	0.3333	0.6667	0.50
80.5	35,120		0.0000	1.0000	0.34
81.5	35,120		0.0000	1.0000	0.34
82.5	35,120		0.0000	1.0000	0.34
83.5	35,120		0.0000	1.0000	0.34
84.5	35,120		0.0000	1.0000	0.34
85.5	35,120	750	0.0214	0.9786	0.34
86.5	34,370		0.0000	1.0000	0.33
87.5	34,370	34,370	1.0000		0.33
88.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1933-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	611,920,959	233,151	0.0004	0.9996	100.00
0.5	556,044,809	3,070,823	0.0055	0.9945	99.96
1.5	504,942,688	1,173,326	0.0023	0.9977	99.41
2.5	478,966,346	1,479,626	0.0031	0.9969	99.18
3.5	453,685,335	2,781,493	0.0061	0.9939	98.87
4.5	340,420,515	1,564,834	0.0046	0.9954	98.27
5.5	307,560,207	1,896,366	0.0062	0.9938	97.81
6.5	291,992,201	2,729,149	0.0093	0.9907	97.21
7.5	268,596,697	2,789,321	0.0104	0.9896	96.30
8.5	250,343,772	3,158,496	0.0126	0.9874	95.30
9.5	231,421,152	1,145,538	0.0050	0.9950	94.10
10.5	222,044,597	2,175,805	0.0098	0.9902	93.63
11.5	208,844,643	4,011,676	0.0192	0.9808	92.72
12.5	198,006,667	1,895,993	0.0096	0.9904	90.94
13.5	168,292,625	1,337,410	0.0079	0.9921	90.07
14.5	156,088,771	2,263,137	0.0145	0.9855	89.35
15.5	140,358,031	1,238,282	0.0088	0.9912	88.05
16.5	116,142,371	1,140,224	0.0098	0.9902	87.28
17.5	100,957,361	356,933	0.0035	0.9965	86.42
18.5	91,875,046	561,892	0.0061	0.9939	86.11
19.5	75,298,359	446,122	0.0059	0.9941	85.59
20.5	69,904,757	733,845	0.0105	0.9895	85.08
21.5	59,899,832	574,035	0.0096	0.9904	84.19
22.5	57,311,662	287,582	0.0050	0.9950	83.38
23.5	52,845,517	376,143	0.0071	0.9929	82.96
24.5	51,108,021	829,232	0.0162	0.9838	82.37
25.5	47,941,905	291,524	0.0061	0.9939	81.04
26.5	45,674,185	335,896	0.0074	0.9926	80.54
27.5	45,804,163	447,568	0.0098	0.9902	79.95
28.5	43,625,441	314,860	0.0072	0.9928	79.17
29.5	42,797,885	592,251	0.0138	0.9862	78.60
30.5	40,365,465	381,856	0.0095	0.9905	77.51
31.5	38,995,801	358,431	0.0092	0.9908	76.78
32.5	37,436,054	515,676	0.0138	0.9862	76.07
33.5	35,680,706	365,547	0.0102	0.9898	75.02
34.5	35,041,324	575,311	0.0164	0.9836	74.25
35.5	32,217,692	550,059	0.0171	0.9829	73.04
36.5	31,091,961	433,805	0.0140	0.9860	71.79
37.5	27,867,610	521,887	0.0187	0.9813	70.79
38.5	25,827,287	461,268	0.0179	0.9821	69.46

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1933-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	24,334,300	527,677	0.0217	0.9783	68.22
40.5	22,059,766	627,639	0.0285	0.9715	66.74
41.5	22,102,887	667,592	0.0302	0.9698	64.84
42.5	20,131,973	902,918	0.0448	0.9552	62.88
43.5	18,744,488	444,283	0.0237	0.9763	60.06
44.5	16,903,085	484,598	0.0287	0.9713	58.64
45.5	16,034,855	543,229	0.0339	0.9661	56.96
46.5	14,229,759	400,981	0.0282	0.9718	55.03
47.5	11,180,077	346,325	0.0310	0.9690	53.48
48.5	10,270,096	346,893	0.0338	0.9662	51.82
49.5	8,824,802	251,561	0.0285	0.9715	50.07
50.5	8,014,592	194,448	0.0243	0.9757	48.64
51.5	6,723,365	153,669	0.0229	0.9771	47.46
52.5	5,416,114	421,300	0.0778	0.9222	46.38
53.5	4,462,780	943,487	0.2114	0.7886	42.77
54.5	3,519,293	436,747	0.1241	0.8759	33.73
55.5	3,082,546	512,518	0.1663	0.8337	29.54
56.5	2,570,028	414,574	0.1613	0.8387	24.63
57.5	2,155,454	185,861	0.0862	0.9138	20.66
58.5	1,969,592	202,581	0.1029	0.8971	18.88
59.5	1,767,095	1,414,736	0.8006	0.1994	16.94
60.5	387,477	308,667	0.7966	0.2034	3.38
61.5	78,811	269	0.0034	0.9966	0.69
62.5	78,541		0.0000	1.0000	0.68
63.5	78,541		0.0000	1.0000	0.68
64.5	78,541	17,039	0.2169	0.7831	0.68
65.5	61,502	21,141	0.3437	0.6563	0.54
66.5	40,361	22,802	0.5650	0.4350	0.35
67.5	17,559		0.0000	1.0000	0.15
68.5	54,023	1,344	0.0249	0.9751	0.15
69.5	52,679		0.0000	1.0000	0.15
70.5	52,679		0.0000	1.0000	0.15
71.5	52,679		0.0000	1.0000	0.15
72.5	52,679		0.0000	1.0000	0.15
73.5	52,679		0.0000	1.0000	0.15
74.5	52,679		0.0000	1.0000	0.15
75.5	52,679		0.0000	1.0000	0.15
76.5	52,679		0.0000	1.0000	0.15
77.5	52,679		0.0000	1.0000	0.15
78.5	52,679		0.0000	1.0000	0.15

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

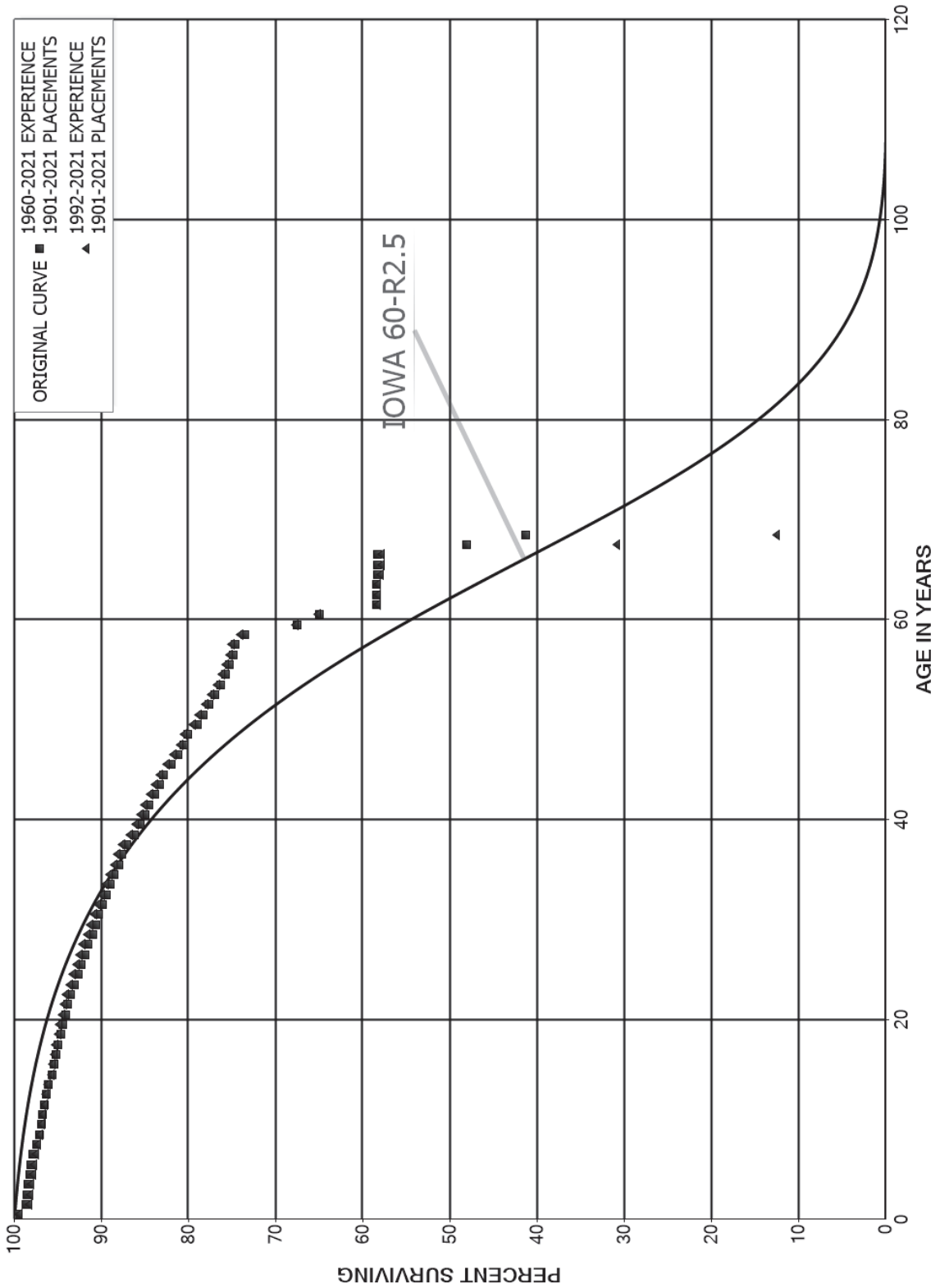
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1933-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	52,679	17,559	0.3333	0.6667	0.15
80.5	35,120		0.0000	1.0000	0.10
81.5	35,120		0.0000	1.0000	0.10
82.5	35,120		0.0000	1.0000	0.10
83.5	35,120		0.0000	1.0000	0.10
84.5	35,120		0.0000	1.0000	0.10
85.5	35,120	750	0.0214	0.9786	0.10
86.5	34,370		0.0000	1.0000	0.10
87.5	34,370	34,370	1.0000		0.10
88.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1901-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,018,254,840	5,302,006	0.0052	0.9948	100.00
0.5	872,897,744	7,513,782	0.0086	0.9914	99.48
1.5	837,888,733	821,395	0.0010	0.9990	98.62
2.5	794,943,077	1,394,724	0.0018	0.9982	98.53
3.5	755,463,679	1,436,882	0.0019	0.9981	98.35
4.5	712,505,634	1,016,749	0.0014	0.9986	98.17
5.5	681,345,755	1,090,978	0.0016	0.9984	98.03
6.5	656,816,366	3,543,576	0.0054	0.9946	97.87
7.5	633,869,594	1,854,015	0.0029	0.9971	97.34
8.5	601,844,578	1,496,569	0.0025	0.9975	97.06
9.5	576,267,574	748,470	0.0013	0.9987	96.82
10.5	546,561,334	865,246	0.0016	0.9984	96.69
11.5	517,744,406	1,371,025	0.0026	0.9974	96.54
12.5	476,970,938	1,286,863	0.0027	0.9973	96.28
13.5	447,333,868	1,830,119	0.0041	0.9959	96.02
14.5	420,434,067	851,066	0.0020	0.9980	95.63
15.5	383,926,995	1,029,436	0.0027	0.9973	95.43
16.5	355,917,417	829,582	0.0023	0.9977	95.18
17.5	332,946,624	1,139,903	0.0034	0.9966	94.96
18.5	318,494,253	744,974	0.0023	0.9977	94.63
19.5	302,253,588	979,108	0.0032	0.9968	94.41
20.5	295,620,812	808,283	0.0027	0.9973	94.10
21.5	288,479,233	960,244	0.0033	0.9967	93.85
22.5	283,745,199	1,510,885	0.0053	0.9947	93.53
23.5	278,660,200	1,157,486	0.0042	0.9958	93.04
24.5	270,976,359	1,108,458	0.0041	0.9959	92.65
25.5	263,638,525	1,095,099	0.0042	0.9958	92.27
26.5	244,202,838	1,031,247	0.0042	0.9958	91.89
27.5	233,328,384	1,339,700	0.0057	0.9943	91.50
28.5	227,789,684	899,518	0.0039	0.9961	90.97
29.5	224,702,959	869,333	0.0039	0.9961	90.62
30.5	212,951,876	1,025,093	0.0048	0.9952	90.26
31.5	200,241,288	937,322	0.0047	0.9953	89.83
32.5	191,032,214	950,654	0.0050	0.9950	89.41
33.5	185,610,903	1,024,088	0.0055	0.9945	88.96
34.5	181,164,487	1,069,906	0.0059	0.9941	88.47
35.5	173,163,358	724,257	0.0042	0.9958	87.95
36.5	168,390,218	1,004,518	0.0060	0.9940	87.58
37.5	160,262,421	1,654,127	0.0103	0.9897	87.06
38.5	153,367,371	1,153,025	0.0075	0.9925	86.16

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	140,655,782	974,833	0.0069	0.9931	85.51
40.5	131,283,309	595,528	0.0045	0.9955	84.92
41.5	125,416,837	1,069,995	0.0085	0.9915	84.54
42.5	119,891,836	806,466	0.0067	0.9933	83.82
43.5	115,077,017	619,468	0.0054	0.9946	83.25
44.5	105,964,817	1,040,968	0.0098	0.9902	82.80
45.5	100,804,943	971,369	0.0096	0.9904	81.99
46.5	92,486,711	821,068	0.0089	0.9911	81.20
47.5	68,537,737	383,689	0.0056	0.9944	80.48
48.5	59,936,322	777,410	0.0130	0.9870	80.03
49.5	40,536,882	346,512	0.0085	0.9915	78.99
50.5	38,304,013	334,423	0.0087	0.9913	78.32
51.5	33,380,449	305,940	0.0092	0.9908	77.63
52.5	27,700,372	237,858	0.0086	0.9914	76.92
53.5	24,318,944	173,988	0.0072	0.9928	76.26
54.5	22,142,304	136,697	0.0062	0.9938	75.71
55.5	19,867,465	103,703	0.0052	0.9948	75.25
56.5	17,905,138	52,724	0.0029	0.9971	74.85
57.5	16,378,911	240,715	0.0147	0.9853	74.63
58.5	15,357,468	1,260,308	0.0821	0.9179	73.54
59.5	13,644,675	506,318	0.0371	0.9629	67.50
60.5	12,237,045	1,238,360	0.1012	0.8988	65.00
61.5	753,782	326	0.0004	0.9996	58.42
62.5	753,457	139	0.0002	0.9998	58.39
63.5	753,318	1,357	0.0018	0.9982	58.38
64.5	747,023	389	0.0005	0.9995	58.28
65.5	744,644		0.0000	1.0000	58.25
66.5	726,223	127,146	0.1751	0.8249	58.25
67.5	595,324	83,816	0.1408	0.8592	48.05
68.5	511,508	522	0.0010	0.9990	41.29
69.5	510,986	44	0.0001	0.9999	41.24
70.5	510,941		0.0000	1.0000	41.24
71.5	505,422		0.0000	1.0000	41.24
72.5	504,974	0	0.0000	1.0000	41.24
73.5	504,974	586	0.0012	0.9988	41.24
74.5	504,387	387	0.0008	0.9992	41.19
75.5	504,000		0.0000	1.0000	41.16
76.5	504,000		0.0000	1.0000	41.16
77.5	504,000	27,294	0.0542	0.9458	41.16
78.5	476,706	1,980	0.0042	0.9958	38.93

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	474,725	4,341	0.0091	0.9909	38.77
80.5	459,276		0.0000	1.0000	38.41
81.5	456,237		0.0000	1.0000	38.41
82.5	456,237	604	0.0013	0.9987	38.41
83.5	455,633		0.0000	1.0000	38.36
84.5	455,633		0.0000	1.0000	38.36
85.5	455,633	666	0.0015	0.9985	38.36
86.5	454,967		0.0000	1.0000	38.31
87.5	454,967		0.0000	1.0000	38.31
88.5	454,967		0.0000	1.0000	38.31
89.5	454,967		0.0000	1.0000	38.31
90.5	454,967		0.0000	1.0000	38.31
91.5	454,967	206	0.0005	0.9995	38.31
92.5					38.29

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1901-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	772,512,289	5,266,559	0.0068	0.9932	100.00
0.5	638,821,881	7,295,799	0.0114	0.9886	99.32
1.5	616,787,908	625,344	0.0010	0.9990	98.18
2.5	583,005,692	924,269	0.0016	0.9984	98.08
3.5	549,500,460	1,237,059	0.0023	0.9977	97.93
4.5	510,775,687	592,607	0.0012	0.9988	97.71
5.5	487,472,002	910,184	0.0019	0.9981	97.60
6.5	467,526,396	1,193,164	0.0026	0.9974	97.41
7.5	454,807,801	1,007,599	0.0022	0.9978	97.16
8.5	429,801,699	1,006,819	0.0023	0.9977	96.95
9.5	417,002,948	498,339	0.0012	0.9988	96.72
10.5	397,329,651	652,467	0.0016	0.9984	96.61
11.5	374,731,058	773,515	0.0021	0.9979	96.45
12.5	339,739,175	526,497	0.0015	0.9985	96.25
13.5	315,584,028	1,439,433	0.0046	0.9954	96.10
14.5	298,764,483	473,163	0.0016	0.9984	95.66
15.5	267,319,042	542,946	0.0020	0.9980	95.51
16.5	247,845,714	503,693	0.0020	0.9980	95.32
17.5	250,879,248	686,059	0.0027	0.9973	95.12
18.5	245,495,045	491,062	0.0020	0.9980	94.86
19.5	249,870,077	595,921	0.0024	0.9976	94.67
20.5	246,173,896	580,547	0.0024	0.9976	94.45
21.5	244,458,900	648,371	0.0027	0.9973	94.22
22.5	247,001,686	1,227,966	0.0050	0.9950	93.97
23.5	247,154,093	983,089	0.0040	0.9960	93.51
24.5	242,934,802	936,281	0.0039	0.9961	93.13
25.5	238,661,757	912,963	0.0038	0.9962	92.78
26.5	221,883,605	914,143	0.0041	0.9959	92.42
27.5	213,087,794	1,245,316	0.0058	0.9942	92.04
28.5	209,243,499	866,771	0.0041	0.9959	91.50
29.5	207,003,031	835,798	0.0040	0.9960	91.12
30.5	196,992,842	987,552	0.0050	0.9950	90.76
31.5	199,941,449	937,322	0.0047	0.9953	90.30
32.5	190,732,375	950,654	0.0050	0.9950	89.88
33.5	185,311,064	1,024,088	0.0055	0.9945	89.43
34.5	180,870,118	1,069,906	0.0059	0.9941	88.93
35.5	172,871,139	724,257	0.0042	0.9958	88.41
36.5	168,118,411	1,004,518	0.0060	0.9940	88.04
37.5	159,994,820	1,654,127	0.0103	0.9897	87.51
38.5	153,099,770	1,153,025	0.0075	0.9925	86.61

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	140,388,181	974,833	0.0069	0.9931	85.96
40.5	131,015,708	595,528	0.0045	0.9955	85.36
41.5	125,155,376	1,069,995	0.0085	0.9915	84.97
42.5	119,630,867	806,466	0.0067	0.9933	84.24
43.5	114,816,048	619,468	0.0054	0.9946	83.68
44.5	105,703,848	1,040,968	0.0098	0.9902	83.22
45.5	100,543,974	971,369	0.0097	0.9903	82.40
46.5	92,225,742	821,068	0.0089	0.9911	81.61
47.5	68,276,768	383,689	0.0056	0.9944	80.88
48.5	59,675,353	777,410	0.0130	0.9870	80.43
49.5	40,275,913	346,512	0.0086	0.9914	79.38
50.5	38,297,336	334,423	0.0087	0.9913	78.70
51.5	33,379,179	305,940	0.0092	0.9908	78.01
52.5	27,699,102	237,858	0.0086	0.9914	77.29
53.5	24,317,674	173,988	0.0072	0.9928	76.63
54.5	22,141,034	136,697	0.0062	0.9938	76.08
55.5	19,866,799	103,703	0.0052	0.9948	75.61
56.5	17,904,472	52,724	0.0029	0.9971	75.22
57.5	16,378,245	240,715	0.0147	0.9853	75.00
58.5	14,902,501	1,260,308	0.0846	0.9154	73.89
59.5	13,189,708	506,318	0.0384	0.9616	67.65
60.5	11,782,078	1,238,360	0.1051	0.8949	65.05
61.5	298,815	326	0.0011	0.9989	58.21
62.5	298,490	139	0.0005	0.9995	58.15
63.5	298,351	1,357	0.0045	0.9955	58.12
64.5	292,056	389	0.0013	0.9987	57.86
65.5	289,677		0.0000	1.0000	57.78
66.5	271,256	127,146	0.4687	0.5313	57.78
67.5	140,357	83,816	0.5972	0.4028	30.70
68.5	56,541	522	0.0092	0.9908	12.37
69.5	56,019	44	0.0008	0.9992	12.25
70.5	55,974		0.0000	1.0000	12.24
71.5	50,455		0.0000	1.0000	12.24
72.5	50,007	0	0.0000	1.0000	12.24
73.5	50,007	586	0.0117	0.9883	12.24
74.5	49,420	387	0.0078	0.9922	12.10
75.5	49,033		0.0000	1.0000	12.00
76.5	49,033		0.0000	1.0000	12.00
77.5	49,033	27,294	0.5566	0.4434	12.00
78.5	21,739	1,980	0.0911	0.9089	5.32

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

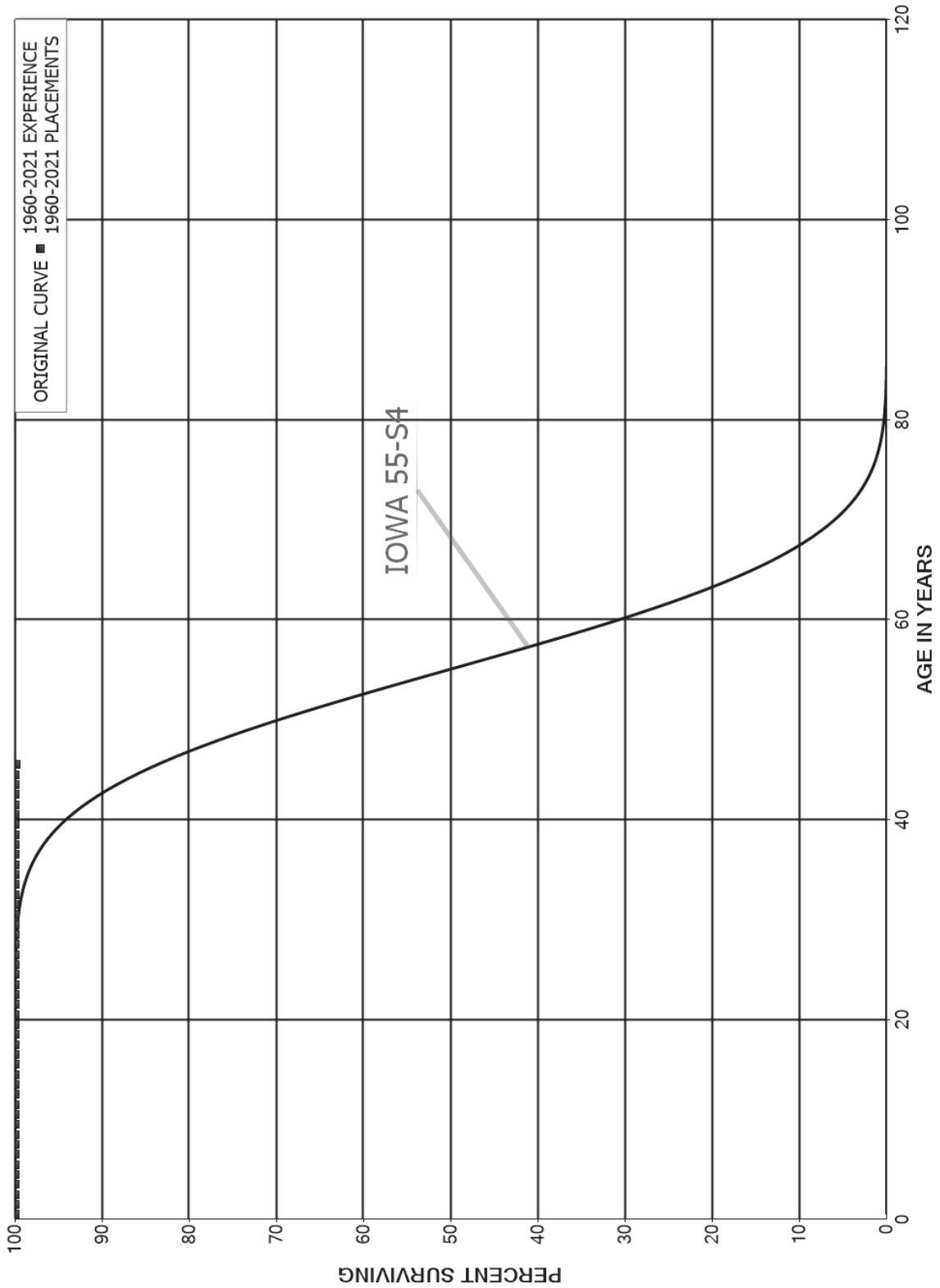
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	19,758	4,341	0.2197	0.7803	4.84
80.5	4,309		0.0000	1.0000	3.77
81.5	1,270		0.0000	1.0000	3.77
82.5	1,270	604	0.4756	0.5244	3.77
83.5	666		0.0000	1.0000	1.98
84.5	666		0.0000	1.0000	1.98
85.5	666	666	1.0000		1.98
86.5					
87.5					
88.5					
89.5					
90.5	454,967		0.0000		
91.5	454,967	206	0.0005		
92.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 357.00 UNDERGROUND CONDUIT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 357.00 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	154,739		0.0000	1.0000	100.00
0.5	154,677		0.0000	1.0000	100.00
1.5	141,003		0.0000	1.0000	100.00
2.5	137,304		0.0000	1.0000	100.00
3.5	137,141		0.0000	1.0000	100.00
4.5	127,430		0.0000	1.0000	100.00
5.5	114,623		0.0000	1.0000	100.00
6.5	111,453		0.0000	1.0000	100.00
7.5	111,453		0.0000	1.0000	100.00
8.5	111,387		0.0000	1.0000	100.00
9.5	111,185		0.0000	1.0000	100.00
10.5	110,392		0.0000	1.0000	100.00
11.5	110,392		0.0000	1.0000	100.00
12.5	105,047		0.0000	1.0000	100.00
13.5	105,047		0.0000	1.0000	100.00
14.5	105,047		0.0000	1.0000	100.00
15.5	105,047		0.0000	1.0000	100.00
16.5	105,047		0.0000	1.0000	100.00
17.5	105,047		0.0000	1.0000	100.00
18.5	105,047		0.0000	1.0000	100.00
19.5	105,047	93	0.0009	0.9991	100.00
20.5	104,954		0.0000	1.0000	99.91
21.5	104,954		0.0000	1.0000	99.91
22.5	104,954		0.0000	1.0000	99.91
23.5	104,954		0.0000	1.0000	99.91
24.5	104,954		0.0000	1.0000	99.91
25.5	104,954		0.0000	1.0000	99.91
26.5	104,954		0.0000	1.0000	99.91
27.5	104,954		0.0000	1.0000	99.91
28.5	104,954		0.0000	1.0000	99.91
29.5	104,954		0.0000	1.0000	99.91
30.5	104,954		0.0000	1.0000	99.91
31.5	104,954		0.0000	1.0000	99.91
32.5	104,954		0.0000	1.0000	99.91
33.5	104,954		0.0000	1.0000	99.91
34.5	53,974		0.0000	1.0000	99.91
35.5	53,974		0.0000	1.0000	99.91
36.5	53,974		0.0000	1.0000	99.91
37.5	53,974		0.0000	1.0000	99.91
38.5	53,974		0.0000	1.0000	99.91

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 357.00 UNDERGROUND CONDUIT

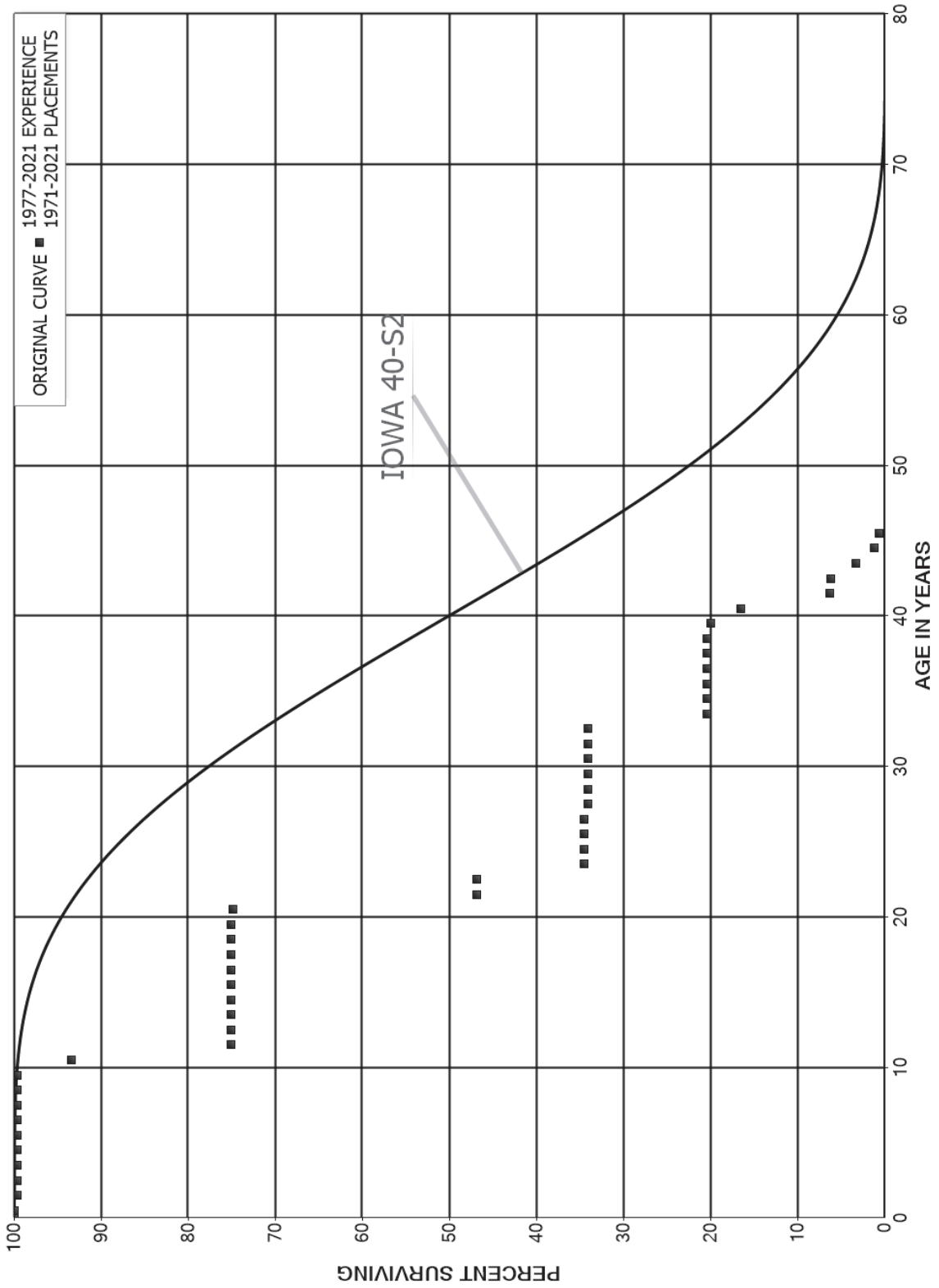
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	53,974		0.0000	1.0000	99.91
40.5	53,974		0.0000	1.0000	99.91
41.5	53,974		0.0000	1.0000	99.91
42.5	53,974		0.0000	1.0000	99.91
43.5	53,974		0.0000	1.0000	99.91
44.5	53,974	50	0.0009	0.9991	99.91
45.5	7,388		0.0000	1.0000	99.82
46.5	7,388		0.0000	1.0000	99.82
47.5	7,388		0.0000	1.0000	99.82
48.5	4,248	6	0.0014	0.9986	99.82
49.5	665		0.0000	1.0000	99.68
50.5	665		0.0000	1.0000	99.68
51.5	665		0.0000	1.0000	99.68
52.5	665		0.0000	1.0000	99.68
53.5	665		0.0000	1.0000	99.68
54.5	665		0.0000	1.0000	99.68
55.5	665		0.0000	1.0000	99.68
56.5	665		0.0000	1.0000	99.68
57.5	665		0.0000	1.0000	99.68
58.5	665		0.0000	1.0000	99.68
59.5	665		0.0000	1.0000	99.68
60.5	665		0.0000	1.0000	99.68
61.5					99.68

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 358.00 UNDERGROUND CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 358.00 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1971-2021 EXPERIENCE BAND 1977-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	16,014,227		0.0000	1.0000	100.00
0.5	14,825,009	52,792	0.0036	0.9964	100.00
1.5	7,798,024		0.0000	1.0000	99.64
2.5	6,045,827		0.0000	1.0000	99.64
3.5	6,061,335	18	0.0000	1.0000	99.64
4.5	6,098,735		0.0000	1.0000	99.64
5.5	4,700,146		0.0000	1.0000	99.64
6.5	4,700,146		0.0000	1.0000	99.64
7.5	4,700,146		0.0000	1.0000	99.64
8.5	4,700,146	21	0.0000	1.0000	99.64
9.5	4,700,125	292,442	0.0622	0.9378	99.64
10.5	4,407,683	868,871	0.1971	0.8029	93.44
11.5	3,174,907		0.0000	1.0000	75.02
12.5	3,174,907		0.0000	1.0000	75.02
13.5	3,174,907		0.0000	1.0000	75.02
14.5	3,174,907		0.0000	1.0000	75.02
15.5	3,174,907		0.0000	1.0000	75.02
16.5	3,174,907		0.0000	1.0000	75.02
17.5	3,174,907		0.0000	1.0000	75.02
18.5	3,174,907		0.0000	1.0000	75.02
19.5	3,174,907	7,246	0.0023	0.9977	75.02
20.5	3,167,662	1,186,079	0.3744	0.6256	74.85
21.5	1,981,582		0.0000	1.0000	46.82
22.5	1,936,415	511,606	0.2642	0.7358	46.82
23.5	1,424,809		0.0000	1.0000	34.45
24.5	1,424,809		0.0000	1.0000	34.45
25.5	1,424,809		0.0000	1.0000	34.45
26.5	1,424,809	15,930	0.0112	0.9888	34.45
27.5	1,408,879		0.0000	1.0000	34.07
28.5	1,408,879		0.0000	1.0000	34.07
29.5	1,408,879		0.0000	1.0000	34.07
30.5	1,408,879		0.0000	1.0000	34.07
31.5	1,408,879		0.0000	1.0000	34.07
32.5	1,408,879	567,660	0.4029	0.5971	34.07
33.5	841,219		0.0000	1.0000	20.34
34.5	841,219		0.0000	1.0000	20.34
35.5	841,219		0.0000	1.0000	20.34
36.5	841,219		0.0000	1.0000	20.34
37.5	841,219		0.0000	1.0000	20.34
38.5	841,219	14,103	0.0168	0.9832	20.34

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 358.00 UNDERGROUND CONDUCTORS AND DEVICES

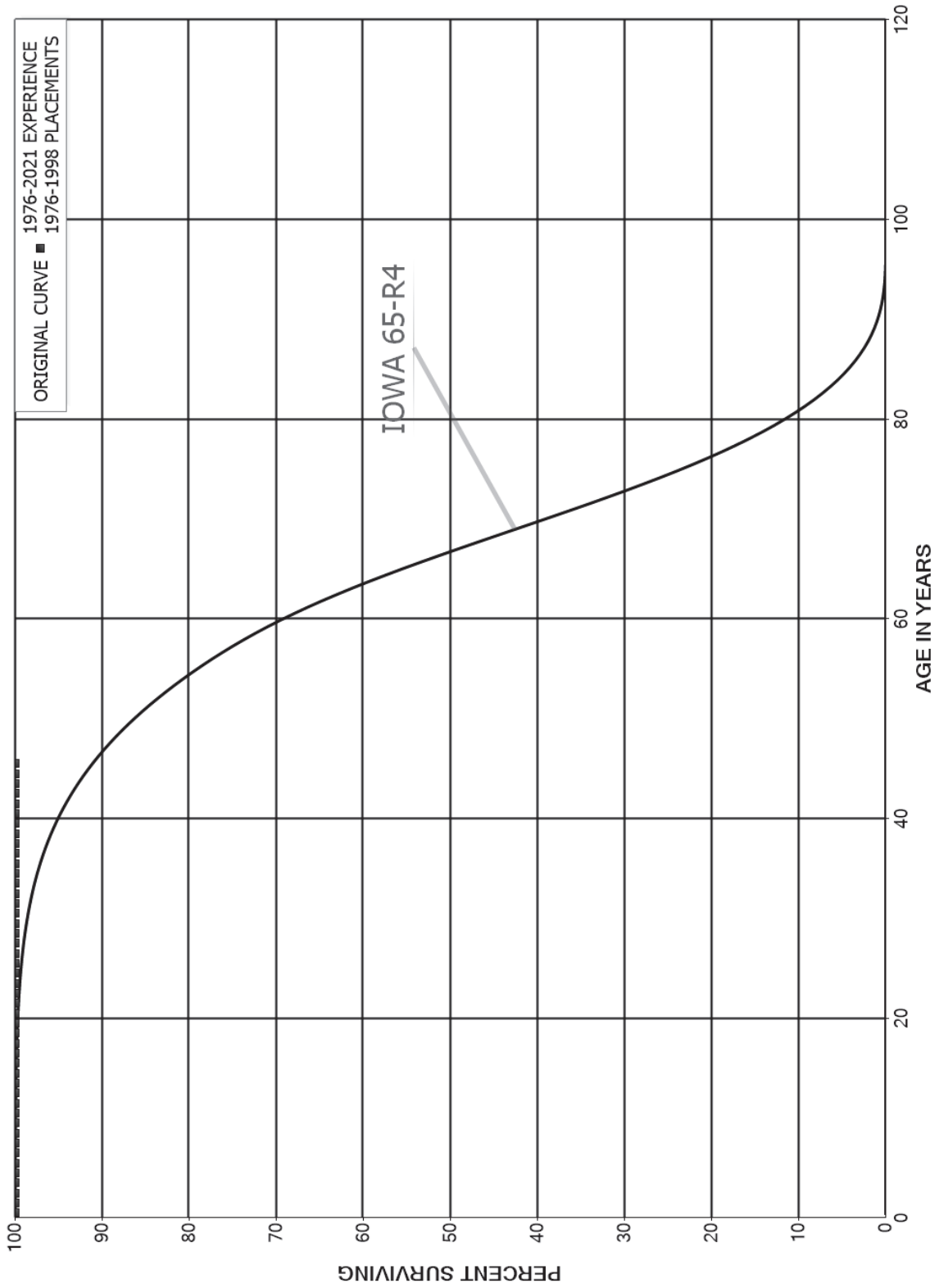
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1971-2021 EXPERIENCE BAND 1977-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	827,116	144,823	0.1751	0.8249	20.00
40.5	682,293	421,562	0.6179	0.3821	16.50
41.5	260,731	4,794	0.0184	0.9816	6.30
42.5	255,938	120,383	0.4704	0.5296	6.19
43.5	135,555	85,500	0.6307	0.3693	3.28
44.5	50,055	26,769	0.5348	0.4652	1.21
45.5	23,286	11,053	0.4747	0.5253	0.56
46.5	12,233	10,649	0.8705	0.1295	0.30
47.5	1,584	314	0.1984	0.8016	0.04
48.5	1,270		0.0000	1.0000	0.03
49.5	1,270	1,270	1.0000		0.03
50.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 359.00 ROADS AND TRAILS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 359.00 ROADS AND TRAILS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1976-1998 EXPERIENCE BAND 1976-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	42,238		0.0000	1.0000	100.00
0.5	42,238		0.0000	1.0000	100.00
1.5	42,238		0.0000	1.0000	100.00
2.5	42,238		0.0000	1.0000	100.00
3.5	42,238		0.0000	1.0000	100.00
4.5	42,238		0.0000	1.0000	100.00
5.5	42,238		0.0000	1.0000	100.00
6.5	42,238		0.0000	1.0000	100.00
7.5	42,238		0.0000	1.0000	100.00
8.5	42,238		0.0000	1.0000	100.00
9.5	42,238		0.0000	1.0000	100.00
10.5	42,238		0.0000	1.0000	100.00
11.5	42,238		0.0000	1.0000	100.00
12.5	42,238		0.0000	1.0000	100.00
13.5	42,238		0.0000	1.0000	100.00
14.5	42,238		0.0000	1.0000	100.00
15.5	42,238		0.0000	1.0000	100.00
16.5	42,238		0.0000	1.0000	100.00
17.5	42,238		0.0000	1.0000	100.00
18.5	42,238		0.0000	1.0000	100.00
19.5	42,238		0.0000	1.0000	100.00
20.5	42,238		0.0000	1.0000	100.00
21.5	42,238		0.0000	1.0000	100.00
22.5	42,238		0.0000	1.0000	100.00
23.5	41,544		0.0000	1.0000	100.00
24.5	41,544		0.0000	1.0000	100.00
25.5	41,544		0.0000	1.0000	100.00
26.5	41,544		0.0000	1.0000	100.00
27.5	41,544		0.0000	1.0000	100.00
28.5	2,044		0.0000	1.0000	100.00
29.5	2,044		0.0000	1.0000	100.00
30.5	2,044		0.0000	1.0000	100.00
31.5	2,044		0.0000	1.0000	100.00
32.5	2,044		0.0000	1.0000	100.00
33.5	2,044		0.0000	1.0000	100.00
34.5	2,044		0.0000	1.0000	100.00
35.5	2,044		0.0000	1.0000	100.00
36.5	2,044		0.0000	1.0000	100.00
37.5	2,044		0.0000	1.0000	100.00
38.5	2,044		0.0000	1.0000	100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 359.00 ROADS AND TRAILS

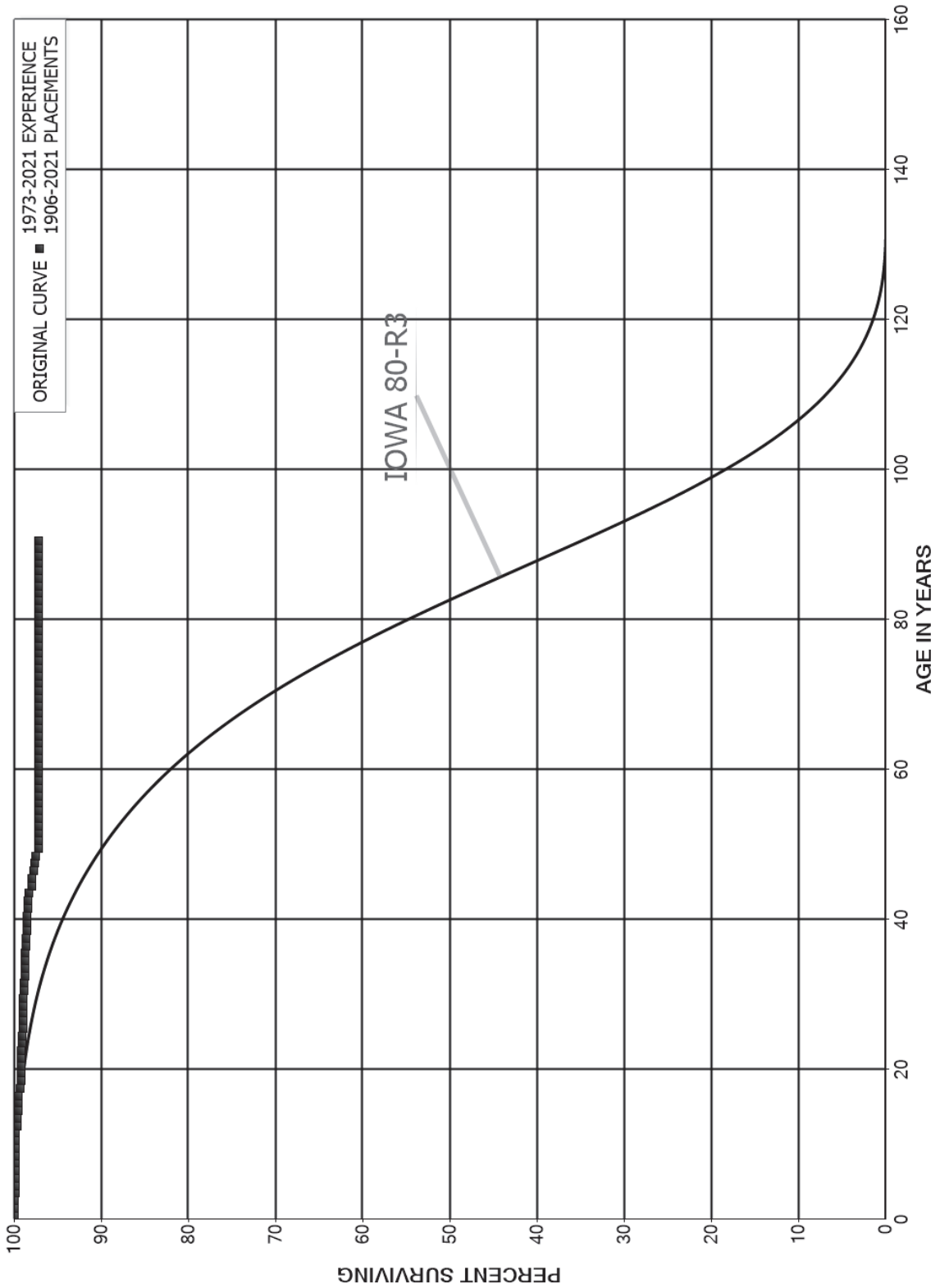
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1976-1998 EXPERIENCE BAND 1976-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	2,044		0.0000	1.0000	100.00
40.5	2,044		0.0000	1.0000	100.00
41.5	2,044		0.0000	1.0000	100.00
42.5	2,044		0.0000	1.0000	100.00
43.5	2,044		0.0000	1.0000	100.00
44.5	2,044		0.0000	1.0000	100.00
45.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNTS 360.00 AND 360.20 RIGHTS OF WAY AND LAND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 360.00 AND 360.20 RIGHTS OF WAY AND LAND RIGHTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1906-2021 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	4,858,194		0.0000	1.0000	100.00
0.5	4,825,099	67	0.0000	1.0000	100.00
1.5	4,672,589	555	0.0001	0.9999	100.00
2.5	4,679,863	6,723	0.0014	0.9986	99.99
3.5	4,733,600	332	0.0001	0.9999	99.84
4.5	6,285,713	131	0.0000	1.0000	99.84
5.5	6,305,066		0.0000	1.0000	99.83
6.5	6,539,443		0.0000	1.0000	99.83
7.5	7,916,906	100	0.0000	1.0000	99.83
8.5	7,895,950		0.0000	1.0000	99.83
9.5	6,500,035		0.0000	1.0000	99.83
10.5	6,230,025	49	0.0000	1.0000	99.83
11.5	6,174,908	14,102	0.0023	0.9977	99.83
12.5	4,138,772	1,466	0.0004	0.9996	99.60
13.5	3,479,668	335	0.0001	0.9999	99.57
14.5	3,315,467	3	0.0000	1.0000	99.56
15.5	2,446,844	418	0.0002	0.9998	99.56
16.5	2,123,567	6,184	0.0029	0.9971	99.54
17.5	1,862,692	689	0.0004	0.9996	99.25
18.5	1,827,460		0.0000	1.0000	99.22
19.5	1,567,120	274	0.0002	0.9998	99.22
20.5	1,543,384	203	0.0001	0.9999	99.20
21.5	1,589,339	708	0.0004	0.9996	99.19
22.5	1,616,300	1,999	0.0012	0.9988	99.14
23.5	1,708,695	105	0.0001	0.9999	99.02
24.5	1,752,807	562	0.0003	0.9997	99.01
25.5	1,752,303	415	0.0002	0.9998	98.98
26.5	1,817,880	70	0.0000	1.0000	98.96
27.5	1,749,037	916	0.0005	0.9995	98.95
28.5	1,793,150	197	0.0001	0.9999	98.90
29.5	1,810,348	1,746	0.0010	0.9990	98.89
30.5	1,785,751	190	0.0001	0.9999	98.80
31.5	1,499,749	352	0.0002	0.9998	98.78
32.5	1,503,543	704	0.0005	0.9995	98.76
33.5	1,377,574	34	0.0000	1.0000	98.72
34.5	1,337,086	177	0.0001	0.9999	98.71
35.5	1,235,143	502	0.0004	0.9996	98.70
36.5	1,116,307	1,116	0.0010	0.9990	98.66
37.5	1,011,219	735	0.0007	0.9993	98.56
38.5	901,382	175	0.0002	0.9998	98.49

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 360.00 AND 360.20 RIGHTS OF WAY AND LAND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1906-2021 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	818,050	49	0.0001	0.9999	98.47
40.5	728,308	362	0.0005	0.9995	98.46
41.5	666,732	431	0.0006	0.9994	98.42
42.5	630,671	599	0.0009	0.9991	98.35
43.5	594,289	1,888	0.0032	0.9968	98.26
44.5	556,471	257	0.0005	0.9995	97.95
45.5	543,015	925	0.0017	0.9983	97.90
46.5	510,824	636	0.0012	0.9988	97.73
47.5	491,960	504	0.0010	0.9990	97.61
48.5	457,586	1,466	0.0032	0.9968	97.51
49.5	422,747		0.0000	1.0000	97.20
50.5	413,361		0.0000	1.0000	97.20
51.5	401,689		0.0000	1.0000	97.20
52.5	360,016		0.0000	1.0000	97.20
53.5	327,496		0.0000	1.0000	97.20
54.5	286,227		0.0000	1.0000	97.20
55.5	252,775	63	0.0002	0.9998	97.20
56.5	228,860		0.0000	1.0000	97.18
57.5	214,199	2	0.0000	1.0000	97.18
58.5	201,302		0.0000	1.0000	97.18
59.5	197,712		0.0000	1.0000	97.18
60.5	42,954		0.0000	1.0000	97.18
61.5	32,334		0.0000	1.0000	97.18
62.5	33,451		0.0000	1.0000	97.18
63.5	29,720		0.0000	1.0000	97.18
64.5	29,055		0.0000	1.0000	97.18
65.5	28,647		0.0000	1.0000	97.18
66.5	27,416		0.0000	1.0000	97.18
67.5	28,181		0.0000	1.0000	97.18
68.5	28,124		0.0000	1.0000	97.18
69.5	25,948		0.0000	1.0000	97.18
70.5	23,571		0.0000	1.0000	97.18
71.5	15,631		0.0000	1.0000	97.18
72.5	10,200		0.0000	1.0000	97.18
73.5	5,533		0.0000	1.0000	97.18
74.5	4,884		0.0000	1.0000	97.18
75.5	5,464		0.0000	1.0000	97.18
76.5	7,449		0.0000	1.0000	97.18
77.5	15,335		0.0000	1.0000	97.18
78.5	16,067		0.0000	1.0000	97.18

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 360.00 AND 360.20 RIGHTS OF WAY AND LAND RIGHTS

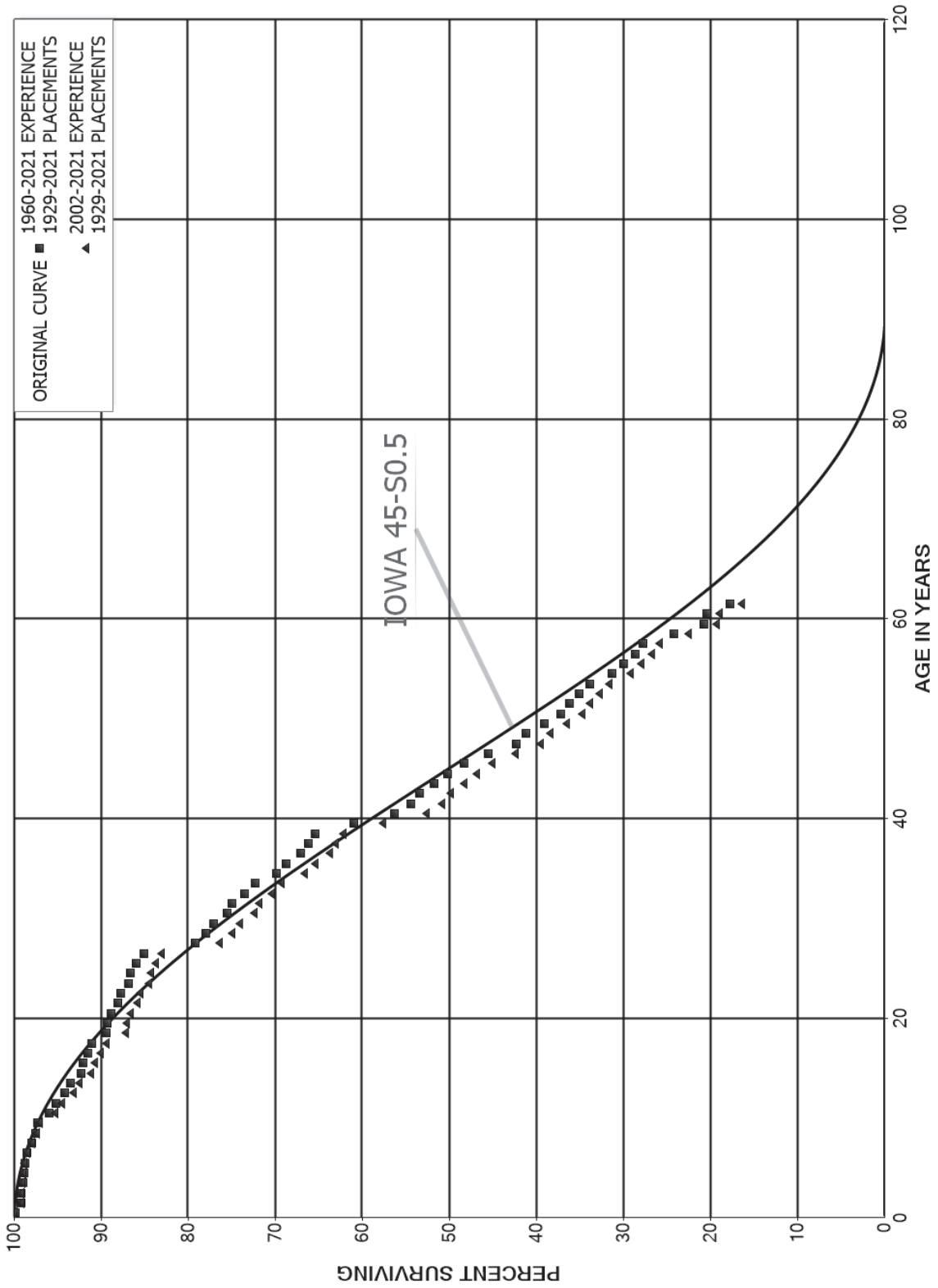
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1906-2021 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	33,232		0.0000	1.0000	97.18
80.5	32,873		0.0000	1.0000	97.18
81.5	32,873		0.0000	1.0000	97.18
82.5	32,985		0.0000	1.0000	97.18
83.5	32,958		0.0000	1.0000	97.18
84.5	32,958		0.0000	1.0000	97.18
85.5	32,958		0.0000	1.0000	97.18
86.5	30,457		0.0000	1.0000	97.18
87.5	29,877		0.0000	1.0000	97.18
88.5	27,892		0.0000	1.0000	97.18
89.5	20,006		0.0000	1.0000	97.18
90.5	19,274		0.0000	1.0000	97.18
91.5	9,172		0.0000	1.0000	97.18
92.5	8,262		0.0000	1.0000	97.18
93.5	8,262		0.0000	1.0000	97.18
94.5	8,150		0.0000	1.0000	97.18
95.5	8,150		0.0000	1.0000	97.18
96.5	8,150		0.0000	1.0000	97.18
97.5	8,150		0.0000	1.0000	97.18
98.5	8,150		0.0000	1.0000	97.18
99.5	8,150		0.0000	1.0000	97.18
100.5	8,150		0.0000	1.0000	97.18
101.5	8,150		0.0000	1.0000	97.18
102.5	8,150		0.0000	1.0000	97.18
103.5	8,150		0.0000	1.0000	97.18
104.5	8,150		0.0000	1.0000	97.18
105.5	8,150		0.0000	1.0000	97.18
106.5	8,150		0.0000	1.0000	97.18
107.5	8,150		0.0000	1.0000	97.18
108.5	8,150		0.0000	1.0000	97.18
109.5	8,150		0.0000	1.0000	97.18
110.5	8,150		0.0000	1.0000	97.18
111.5	8,150		0.0000	1.0000	97.18
112.5	8,150		0.0000	1.0000	97.18
113.5	8,150		0.0000	1.0000	97.18
114.5	8,150		0.0000	1.0000	97.18
115.5					97.18

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1929-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	198,617,367	244,760	0.0012	0.9988	100.00
0.5	190,821,652	1,387,475	0.0073	0.9927	99.88
1.5	149,614,264	39,618	0.0003	0.9997	99.15
2.5	117,264,860	167,726	0.0014	0.9986	99.12
3.5	107,677,627	159,118	0.0015	0.9985	98.98
4.5	97,115,605	90,226	0.0009	0.9991	98.84
5.5	88,655,972	256,853	0.0029	0.9971	98.74
6.5	78,794,417	404,036	0.0051	0.9949	98.46
7.5	69,900,517	312,406	0.0045	0.9955	97.95
8.5	56,982,055	156,805	0.0028	0.9972	97.52
9.5	48,326,682	663,383	0.0137	0.9863	97.25
10.5	42,999,134	313,817	0.0073	0.9927	95.91
11.5	39,849,708	414,779	0.0104	0.9896	95.21
12.5	38,676,365	282,513	0.0073	0.9927	94.22
13.5	33,894,703	437,714	0.0129	0.9871	93.53
14.5	29,610,579	93,774	0.0032	0.9968	92.33
15.5	25,818,703	148,272	0.0057	0.9943	92.03
16.5	22,264,725	119,167	0.0054	0.9946	91.50
17.5	20,979,044	371,992	0.0177	0.9823	91.01
18.5	19,819,051	34,090	0.0017	0.9983	89.40
19.5	18,036,040	77,183	0.0043	0.9957	89.25
20.5	17,914,972	152,472	0.0085	0.9915	88.87
21.5	17,537,685	70,467	0.0040	0.9960	88.11
22.5	17,320,706	177,397	0.0102	0.9898	87.75
23.5	16,642,323	49,525	0.0030	0.9970	86.86
24.5	16,398,968	132,024	0.0081	0.9919	86.60
25.5	15,852,940	146,702	0.0093	0.9907	85.90
26.5	15,540,405	1,080,228	0.0695	0.9305	85.11
27.5	14,191,421	232,468	0.0164	0.9836	79.19
28.5	13,464,556	143,179	0.0106	0.9894	77.89
29.5	12,345,255	254,616	0.0206	0.9794	77.06
30.5	11,588,473	89,175	0.0077	0.9923	75.47
31.5	10,540,139	192,195	0.0182	0.9818	74.89
32.5	9,102,823	152,946	0.0168	0.9832	73.53
33.5	8,086,289	270,409	0.0334	0.9666	72.29
34.5	7,613,420	130,079	0.0171	0.9829	69.88
35.5	7,237,465	174,861	0.0242	0.9758	68.68
36.5	6,538,965	79,929	0.0122	0.9878	67.02
37.5	6,095,205	75,539	0.0124	0.9876	66.20
38.5	5,534,931	370,995	0.0670	0.9330	65.38

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1929-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	4,880,734	375,726	0.0770	0.9230	61.00
40.5	4,161,018	139,072	0.0334	0.9666	56.30
41.5	3,604,729	65,202	0.0181	0.9819	54.42
42.5	3,424,367	110,742	0.0323	0.9677	53.44
43.5	3,090,031	94,896	0.0307	0.9693	51.71
44.5	2,947,621	108,480	0.0368	0.9632	50.12
45.5	2,360,847	138,058	0.0585	0.9415	48.28
46.5	2,086,878	143,371	0.0687	0.9313	45.45
47.5	1,748,171	48,368	0.0277	0.9723	42.33
48.5	1,665,420	82,888	0.0498	0.9502	41.16
49.5	1,455,430	72,913	0.0501	0.9499	39.11
50.5	1,263,082	31,849	0.0252	0.9748	37.15
51.5	1,122,842	35,705	0.0318	0.9682	36.22
52.5	952,232	32,833	0.0345	0.9655	35.06
53.5	833,243	64,559	0.0775	0.9225	33.85
54.5	697,423	27,818	0.0399	0.9601	31.23
55.5	583,038	25,818	0.0443	0.9557	29.99
56.5	516,211	16,566	0.0321	0.9679	28.66
57.5	464,912	59,520	0.1280	0.8720	27.74
58.5	361,063	51,038	0.1414	0.8586	24.19
59.5	266,555	5,095	0.0191	0.9809	20.77
60.5	261,414	34,403	0.1316	0.8684	20.37
61.5	6,227		0.0000	1.0000	17.69
62.5	6,227		0.0000	1.0000	17.69
63.5	6,227		0.0000	1.0000	17.69
64.5	6,227		0.0000	1.0000	17.69
65.5	6,227		0.0000	1.0000	17.69
66.5	6,227		0.0000	1.0000	17.69
67.5	6,227		0.0000	1.0000	17.69
68.5	6,227	272	0.0436	0.9564	17.69
69.5	5,955		0.0000	1.0000	16.92
70.5	5,955		0.0000	1.0000	16.92
71.5	5,634		0.0000	1.0000	16.92
72.5	5,634		0.0000	1.0000	16.92
73.5	5,634		0.0000	1.0000	16.92
74.5	5,634		0.0000	1.0000	16.92
75.5	5,634		0.0000	1.0000	16.92
76.5	5,634		0.0000	1.0000	16.92
77.5	5,634		0.0000	1.0000	16.92
78.5	5,634		0.0000	1.0000	16.92

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1929-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	5,634		0.0000	1.0000	16.92
80.5	5,634		0.0000	1.0000	16.92
81.5	5,634		0.0000	1.0000	16.92
82.5	5,634		0.0000	1.0000	16.92
83.5	5,634		0.0000	1.0000	16.92
84.5	5,634		0.0000	1.0000	16.92
85.5	5,634		0.0000	1.0000	16.92
86.5	5,634		0.0000	1.0000	16.92
87.5	5,634		0.0000	1.0000	16.92
88.5	5,634		0.0000	1.0000	16.92
89.5	5,634	2,817	0.5000	0.5000	16.92
90.5					8.46

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1929-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	181,308,923	240,946	0.0013	0.9987	100.00
0.5	173,631,368	1,360,619	0.0078	0.9922	99.87
1.5	132,696,457	3,858	0.0000	1.0000	99.08
2.5	100,589,107	147,593	0.0015	0.9985	99.08
3.5	91,414,108	117,138	0.0013	0.9987	98.94
4.5	81,400,075	59,022	0.0007	0.9993	98.81
5.5	73,409,922	252,908	0.0034	0.9966	98.74
6.5	63,772,490	363,411	0.0057	0.9943	98.40
7.5	56,023,712	312,013	0.0056	0.9944	97.84
8.5	43,850,291	134,371	0.0031	0.9969	97.29
9.5	36,102,761	663,383	0.0184	0.9816	96.99
10.5	31,234,985	281,189	0.0090	0.9910	95.21
11.5	29,470,929	404,153	0.0137	0.9863	94.35
12.5	29,652,479	222,694	0.0075	0.9925	93.06
13.5	25,884,898	371,299	0.0143	0.9857	92.36
14.5	21,852,742	89,059	0.0041	0.9959	91.04
15.5	18,686,666	137,887	0.0074	0.9926	90.67
16.5	15,752,308	117,638	0.0075	0.9925	90.00
17.5	14,867,177	369,267	0.0248	0.9752	89.32
18.5	14,253,454	18,611	0.0013	0.9987	87.11
19.5	12,830,906	70,239	0.0055	0.9945	86.99
20.5	13,393,928	117,961	0.0088	0.9912	86.52
21.5	13,499,231	64,720	0.0048	0.9952	85.75
22.5	13,803,484	158,451	0.0115	0.9885	85.34
23.5	13,380,638	33,079	0.0025	0.9975	84.36
24.5	13,220,169	87,760	0.0066	0.9934	84.15
25.5	13,214,414	98,035	0.0074	0.9926	83.60
26.5	13,213,147	1,070,158	0.0810	0.9190	82.98
27.5	12,122,653	218,237	0.0180	0.9820	76.26
28.5	11,527,515	134,620	0.0117	0.9883	74.88
29.5	10,632,295	247,951	0.0233	0.9767	74.01
30.5	10,043,651	80,161	0.0080	0.9920	72.28
31.5	8,976,495	178,307	0.0199	0.9801	71.71
32.5	7,694,964	120,975	0.0157	0.9843	70.28
33.5	6,892,820	268,440	0.0389	0.9611	69.18
34.5	6,583,643	123,665	0.0188	0.9812	66.48
35.5	6,354,006	161,294	0.0254	0.9746	65.23
36.5	5,777,749	56,197	0.0097	0.9903	63.58
37.5	5,414,922	72,649	0.0134	0.9866	62.96
38.5	4,958,633	370,995	0.0748	0.9252	62.11

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1929-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	4,394,753	375,726	0.0855	0.9145	57.47
40.5	3,713,885	131,553	0.0354	0.9646	52.55
41.5	3,598,502	65,202	0.0181	0.9819	50.69
42.5	3,418,140	110,742	0.0324	0.9676	49.77
43.5	3,083,804	94,896	0.0308	0.9692	48.16
44.5	2,941,394	108,480	0.0369	0.9631	46.68
45.5	2,354,620	138,058	0.0586	0.9414	44.96
46.5	2,080,651	143,371	0.0689	0.9311	42.32
47.5	1,741,944	48,368	0.0278	0.9722	39.41
48.5	1,659,193	82,888	0.0500	0.9500	38.31
49.5	1,449,203	72,913	0.0503	0.9497	36.40
50.5	1,256,855	31,849	0.0253	0.9747	34.57
51.5	1,117,208	35,705	0.0320	0.9680	33.69
52.5	946,598	32,833	0.0347	0.9653	32.61
53.5	827,609	64,559	0.0780	0.9220	31.48
54.5	691,789	27,818	0.0402	0.9598	29.03
55.5	577,404	25,818	0.0447	0.9553	27.86
56.5	510,577	16,566	0.0324	0.9676	26.61
57.5	459,278	59,520	0.1296	0.8704	25.75
58.5	355,429	51,038	0.1436	0.8564	22.41
59.5	260,921	5,095	0.0195	0.9805	19.19
60.5	255,780	34,403	0.1345	0.8655	18.82
61.5	593		0.0000	1.0000	16.29
62.5	593		0.0000	1.0000	16.29
63.5	593		0.0000	1.0000	16.29
64.5	593		0.0000	1.0000	16.29
65.5	593		0.0000	1.0000	16.29
66.5	593		0.0000	1.0000	16.29
67.5	593		0.0000	1.0000	16.29
68.5	593	272	0.4579	0.5421	16.29
69.5	321		0.0000	1.0000	8.83
70.5	321		0.0000	1.0000	8.83
71.5					8.83
72.5	5,634		0.0000		
73.5	5,634		0.0000		
74.5	5,634		0.0000		
75.5	5,634		0.0000		
76.5	5,634		0.0000		
77.5	5,634		0.0000		
78.5	5,634		0.0000		

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

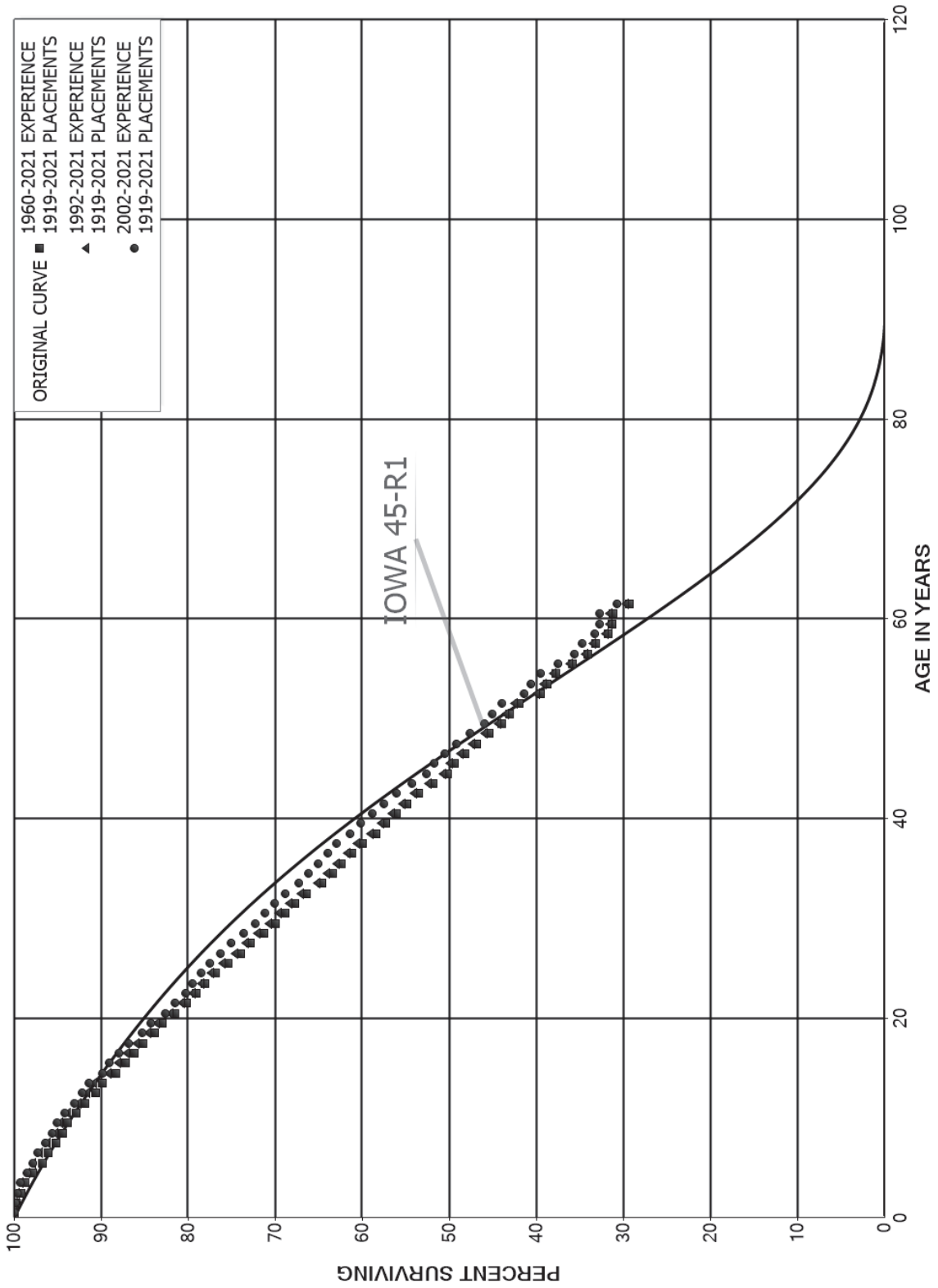
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1929-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	5,634		0.0000		
80.5	5,634		0.0000		
81.5	5,634		0.0000		
82.5	5,634		0.0000		
83.5	5,634		0.0000		
84.5	5,634		0.0000		
85.5	5,634		0.0000		
86.5	5,634		0.0000		
87.5	5,634		0.0000		
88.5	5,634		0.0000		
89.5	5,634	2,817	0.5000		
90.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 362.00 STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,925,505,051	901,020	0.0005	0.9995	100.00
0.5	1,769,251,353	4,911,531	0.0028	0.9972	99.95
1.5	1,607,817,834	7,278,549	0.0045	0.9955	99.68
2.5	1,474,783,793	7,914,963	0.0054	0.9946	99.22
3.5	1,377,042,516	11,787,856	0.0086	0.9914	98.69
4.5	1,293,670,080	14,134,626	0.0109	0.9891	97.85
5.5	1,210,775,439	9,044,669	0.0075	0.9925	96.78
6.5	1,142,293,835	9,955,968	0.0087	0.9913	96.06
7.5	1,090,482,573	9,063,312	0.0083	0.9917	95.22
8.5	1,038,133,336	7,045,771	0.0068	0.9932	94.43
9.5	986,600,994	9,564,931	0.0097	0.9903	93.79
10.5	935,211,203	10,635,757	0.0114	0.9886	92.88
11.5	891,790,428	11,232,368	0.0126	0.9874	91.82
12.5	835,990,377	7,694,661	0.0092	0.9908	90.66
13.5	763,708,071	12,985,833	0.0170	0.9830	89.83
14.5	710,847,791	8,825,415	0.0124	0.9876	88.30
15.5	644,165,733	7,290,567	0.0113	0.9887	87.21
16.5	593,052,428	6,865,542	0.0116	0.9884	86.22
17.5	558,660,889	8,725,243	0.0156	0.9844	85.22
18.5	524,374,215	6,063,526	0.0116	0.9884	83.89
19.5	476,392,353	8,359,316	0.0175	0.9825	82.92
20.5	440,821,127	6,985,904	0.0158	0.9842	81.46
21.5	412,598,625	5,892,918	0.0143	0.9857	80.17
22.5	398,640,150	4,904,830	0.0123	0.9877	79.03
23.5	388,245,127	6,338,543	0.0163	0.9837	78.06
24.5	374,127,613	6,597,229	0.0176	0.9824	76.78
25.5	358,699,612	6,873,744	0.0192	0.9808	75.43
26.5	346,194,993	5,594,536	0.0162	0.9838	73.98
27.5	333,782,483	6,895,261	0.0207	0.9793	72.79
28.5	317,782,939	5,732,669	0.0180	0.9820	71.28
29.5	299,145,425	4,882,074	0.0163	0.9837	70.00
30.5	280,128,608	4,663,446	0.0166	0.9834	68.85
31.5	254,923,687	5,027,233	0.0197	0.9803	67.71
32.5	231,719,675	6,315,021	0.0273	0.9727	66.37
33.5	213,894,036	3,704,659	0.0173	0.9827	64.56
34.5	201,311,872	3,482,430	0.0173	0.9827	63.45
35.5	189,700,531	3,705,037	0.0195	0.9805	62.35
36.5	176,478,894	3,329,922	0.0189	0.9811	61.13
37.5	171,893,082	4,468,666	0.0260	0.9740	59.98
38.5	163,614,487	3,281,789	0.0201	0.9799	58.42

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	156,529,422	3,236,015	0.0207	0.9793	57.25
40.5	152,671,696	3,379,908	0.0221	0.9779	56.06
41.5	146,898,143	3,465,136	0.0236	0.9764	54.82
42.5	141,985,396	4,555,522	0.0321	0.9679	53.53
43.5	137,170,695	4,411,557	0.0322	0.9678	51.81
44.5	132,039,205	2,034,243	0.0154	0.9846	50.14
45.5	123,880,709	3,041,620	0.0246	0.9754	49.37
46.5	110,093,522	2,962,423	0.0269	0.9731	48.16
47.5	94,207,518	2,909,844	0.0309	0.9691	46.86
48.5	84,879,495	2,840,143	0.0335	0.9665	45.42
49.5	72,443,093	1,446,057	0.0200	0.9800	43.90
50.5	63,780,954	1,528,101	0.0240	0.9760	43.02
51.5	54,468,374	3,175,964	0.0583	0.9417	41.99
52.5	42,237,003	826,322	0.0196	0.9804	39.54
53.5	34,458,444	973,990	0.0283	0.9717	38.77
54.5	27,704,378	1,389,375	0.0502	0.9498	37.67
55.5	22,745,104	1,117,116	0.0491	0.9509	35.78
56.5	17,066,090	432,609	0.0253	0.9747	34.03
57.5	14,801,877	639,109	0.0432	0.9568	33.16
58.5	13,326,422	209,313	0.0157	0.9843	31.73
59.5	11,791,562	6,313	0.0005	0.9995	31.23
60.5	10,225,079	618,228	0.0605	0.9395	31.22
61.5	148,024	385	0.0026	0.9974	29.33
62.5	143,410	52	0.0004	0.9996	29.25
63.5	127,339	56	0.0004	0.9996	29.24
64.5	89,694	89	0.0010	0.9990	29.23
65.5	84,659	16,266	0.1921	0.8079	29.20
66.5	63,137	1,171	0.0186	0.9814	23.59
67.5	53,870	1	0.0000	1.0000	23.15
68.5	59,223	33	0.0006	0.9994	23.15
69.5	53,833	68	0.0013	0.9987	23.14
70.5	53,764	65	0.0012	0.9988	23.11
71.5	50,996	2	0.0000	1.0000	23.08
72.5	45,465	9	0.0002	0.9998	23.08
73.5	40,305	26	0.0007	0.9993	23.08
74.5	40,131		0.0000	1.0000	23.06
75.5	39,483	47	0.0012	0.9988	23.06
76.5	37,500	282	0.0075	0.9925	23.03
77.5	37,218	19	0.0005	0.9995	22.86
78.5	33,873	6	0.0002	0.9998	22.85

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	14,606	3	0.0002	0.9998	22.84
80.5	13,355	4	0.0003	0.9997	22.84
81.5	12,943		0.0000	1.0000	22.83
82.5	12,729	2	0.0002	0.9998	22.83
83.5	12,481	1,323	0.1060	0.8940	22.83
84.5	11,158	19	0.0017	0.9983	20.41
85.5	11,014	78	0.0071	0.9929	20.37
86.5	10,325	34	0.0033	0.9967	20.23
87.5	9,222		0.0000	1.0000	20.16
88.5	8,482	19	0.0023	0.9977	20.16
89.5	6,640		0.0000	1.0000	20.12
90.5	6,640		0.0000	1.0000	20.12
91.5	5,652		0.0000	1.0000	20.12
92.5	5,652	119	0.0211	0.9789	20.12
93.5	5,533		0.0000	1.0000	19.69
94.5	5,533		0.0000	1.0000	19.69
95.5					19.69

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,536,632,744	624,711	0.0004	0.9996	100.00
0.5	1,396,835,825	1,968,857	0.0014	0.9986	99.96
1.5	1,267,969,130	3,162,227	0.0025	0.9975	99.82
2.5	1,163,479,184	4,565,640	0.0039	0.9961	99.57
3.5	1,088,478,203	8,084,619	0.0074	0.9926	99.18
4.5	1,019,755,905	7,973,552	0.0078	0.9922	98.44
5.5	959,281,062	6,727,586	0.0070	0.9930	97.67
6.5	909,352,320	8,428,038	0.0093	0.9907	96.99
7.5	868,636,108	7,950,339	0.0092	0.9908	96.09
8.5	826,797,205	5,065,656	0.0061	0.9939	95.21
9.5	786,816,668	7,241,901	0.0092	0.9908	94.63
10.5	746,256,046	9,752,536	0.0131	0.9869	93.75
11.5	710,665,424	7,619,391	0.0107	0.9893	92.53
12.5	665,525,562	5,702,222	0.0086	0.9914	91.54
13.5	598,674,736	10,908,365	0.0182	0.9818	90.75
14.5	551,119,715	6,873,022	0.0125	0.9875	89.10
15.5	495,386,572	5,937,157	0.0120	0.9880	87.99
16.5	461,817,948	5,565,023	0.0121	0.9879	86.93
17.5	444,313,174	7,285,188	0.0164	0.9836	85.89
18.5	421,914,646	4,815,694	0.0114	0.9886	84.48
19.5	392,242,836	7,184,683	0.0183	0.9817	83.51
20.5	367,383,498	6,101,428	0.0166	0.9834	81.98
21.5	348,882,542	5,209,216	0.0149	0.9851	80.62
22.5	347,978,306	4,250,292	0.0122	0.9878	79.42
23.5	346,688,548	5,266,418	0.0152	0.9848	78.45
24.5	340,111,004	5,933,353	0.0174	0.9826	77.26
25.5	328,641,309	6,078,196	0.0185	0.9815	75.91
26.5	321,883,374	5,300,935	0.0165	0.9835	74.51
27.5	311,300,474	5,819,085	0.0187	0.9813	73.28
28.5	298,345,848	5,300,184	0.0178	0.9822	71.91
29.5	282,297,144	4,652,231	0.0165	0.9835	70.63
30.5	265,833,506	4,511,783	0.0170	0.9830	69.47
31.5	254,775,462	5,027,233	0.0197	0.9803	68.29
32.5	231,575,720	6,315,021	0.0273	0.9727	66.94
33.5	213,766,260	3,704,659	0.0173	0.9827	65.12
34.5	201,222,070	3,482,430	0.0173	0.9827	63.99
35.5	189,615,727	3,705,037	0.0195	0.9805	62.88
36.5	176,394,774	3,329,922	0.0189	0.9811	61.65
37.5	171,817,147	4,468,666	0.0260	0.9740	60.49
38.5	163,538,854	3,281,789	0.0201	0.9799	58.91

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	156,463,836	3,236,015	0.0207	0.9793	57.73
40.5	152,606,110	3,379,908	0.0221	0.9779	56.54
41.5	146,835,293	3,465,136	0.0236	0.9764	55.29
42.5	141,929,253	4,555,522	0.0321	0.9679	53.98
43.5	137,119,768	4,411,557	0.0322	0.9678	52.25
44.5	131,988,428	2,034,243	0.0154	0.9846	50.57
45.5	123,830,589	3,041,620	0.0246	0.9754	49.79
46.5	110,045,364	2,962,423	0.0269	0.9731	48.56
47.5	94,154,504	2,909,844	0.0309	0.9691	47.26
48.5	84,829,854	2,840,143	0.0335	0.9665	45.80
49.5	72,429,258	1,446,057	0.0200	0.9800	44.26
50.5	63,773,241	1,528,101	0.0240	0.9760	43.38
51.5	54,461,076	3,175,964	0.0583	0.9417	42.34
52.5	42,229,922	826,322	0.0196	0.9804	39.87
53.5	34,451,613	973,990	0.0283	0.9717	39.09
54.5	27,697,547	1,389,375	0.0502	0.9498	37.99
55.5	22,738,400	1,117,116	0.0491	0.9509	36.08
56.5	17,060,008	432,609	0.0254	0.9746	34.31
57.5	14,796,883	639,109	0.0432	0.9568	33.44
58.5	13,322,181	209,313	0.0157	0.9843	31.99
59.5	11,789,243	6,313	0.0005	0.9995	31.49
60.5	10,222,760	618,228	0.0605	0.9395	31.47
61.5	146,712	385	0.0026	0.9974	29.57
62.5	143,410	52	0.0004	0.9996	29.49
63.5	127,339	56	0.0004	0.9996	29.48
64.5	89,694	89	0.0010	0.9990	29.47
65.5	84,659	16,266	0.1921	0.8079	29.44
66.5	63,137	1,171	0.0186	0.9814	23.78
67.5	53,870	1	0.0000	1.0000	23.34
68.5	59,223	33	0.0006	0.9994	23.34
69.5	53,833	68	0.0013	0.9987	23.33
70.5	53,764	65	0.0012	0.9988	23.30
71.5	50,996	2	0.0000	1.0000	23.27
72.5	45,465	9	0.0002	0.9998	23.27
73.5	40,305	26	0.0007	0.9993	23.27
74.5	40,131		0.0000	1.0000	23.25
75.5	39,483	47	0.0012	0.9988	23.25
76.5	37,500	282	0.0075	0.9925	23.22
77.5	37,218	19	0.0005	0.9995	23.05
78.5	33,873	6	0.0002	0.9998	23.04

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	14,606	3	0.0002	0.9998	23.03
80.5	13,355	4	0.0003	0.9997	23.03
81.5	12,943		0.0000	1.0000	23.02
82.5	12,729	2	0.0002	0.9998	23.02
83.5	12,481	1,323	0.1060	0.8940	23.02
84.5	11,158	19	0.0017	0.9983	20.58
85.5	11,014	78	0.0071	0.9929	20.54
86.5	10,325	34	0.0033	0.9967	20.40
87.5	9,222		0.0000	1.0000	20.33
88.5	8,482	19	0.0023	0.9977	20.33
89.5	6,640		0.0000	1.0000	20.28
90.5	6,640		0.0000	1.0000	20.28
91.5	5,652		0.0000	1.0000	20.28
92.5	5,652	119	0.0211	0.9789	20.28
93.5	5,533		0.0000	1.0000	19.86
94.5	5,533		0.0000	1.0000	19.86
95.5					19.86

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,367,853,925	554,855	0.0004	0.9996	100.00
0.5	1,254,277,887	1,510,777	0.0012	0.9988	99.96
1.5	1,134,856,345	2,735,992	0.0024	0.9976	99.84
2.5	1,018,977,650	3,696,102	0.0036	0.9964	99.60
3.5	938,151,006	6,844,339	0.0073	0.9927	99.24
4.5	867,772,128	5,636,211	0.0065	0.9935	98.51
5.5	802,820,260	5,130,076	0.0064	0.9936	97.87
6.5	744,206,034	6,399,360	0.0086	0.9914	97.25
7.5	705,989,823	5,726,284	0.0081	0.9919	96.41
8.5	668,667,528	4,241,164	0.0063	0.9937	95.63
9.5	636,944,067	5,933,079	0.0093	0.9907	95.02
10.5	605,725,273	6,646,026	0.0110	0.9890	94.14
11.5	592,237,614	5,864,605	0.0099	0.9901	93.11
12.5	560,787,674	4,535,727	0.0081	0.9919	92.18
13.5	505,422,257	8,731,821	0.0173	0.9827	91.44
14.5	463,596,549	4,241,016	0.0091	0.9909	89.86
15.5	412,275,238	4,943,036	0.0120	0.9880	89.04
16.5	376,318,398	4,672,983	0.0124	0.9876	87.97
17.5	351,498,066	6,352,404	0.0181	0.9819	86.88
18.5	326,152,746	3,693,567	0.0113	0.9887	85.31
19.5	289,840,568	6,094,001	0.0210	0.9790	84.34
20.5	267,480,176	3,600,249	0.0135	0.9865	82.57
21.5	247,280,989	3,695,773	0.0149	0.9851	81.46
22.5	242,913,710	2,143,264	0.0088	0.9912	80.24
23.5	238,175,031	2,905,675	0.0122	0.9878	79.53
24.5	232,696,561	3,089,362	0.0133	0.9867	78.56
25.5	230,122,724	3,795,246	0.0165	0.9835	77.52
26.5	236,711,177	3,700,364	0.0156	0.9844	76.24
27.5	239,343,530	4,482,379	0.0187	0.9813	75.05
28.5	232,959,862	4,149,950	0.0178	0.9822	73.64
29.5	230,156,740	3,703,836	0.0161	0.9839	72.33
30.5	219,862,864	3,509,687	0.0160	0.9840	71.17
31.5	201,842,007	3,586,441	0.0178	0.9822	70.03
32.5	188,988,099	4,056,113	0.0215	0.9785	68.78
33.5	180,380,303	2,964,326	0.0164	0.9836	67.31
34.5	174,083,824	2,935,114	0.0169	0.9831	66.20
35.5	165,217,796	2,751,985	0.0167	0.9833	65.09
36.5	156,869,802	2,630,892	0.0168	0.9832	64.00
37.5	155,414,110	3,762,357	0.0242	0.9758	62.93
38.5	150,189,728	3,141,394	0.0209	0.9791	61.41

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	144,912,907	3,173,474	0.0219	0.9781	60.12
40.5	142,629,339	3,233,995	0.0227	0.9773	58.80
41.5	146,749,918	3,465,136	0.0236	0.9764	57.47
42.5	141,841,441	4,555,522	0.0321	0.9679	56.11
43.5	137,042,919	4,411,557	0.0322	0.9678	54.31
44.5	131,949,403	2,034,243	0.0154	0.9846	52.56
45.5	123,795,905	3,041,620	0.0246	0.9754	51.75
46.5	110,014,030	2,962,423	0.0269	0.9731	50.48
47.5	94,131,355	2,909,844	0.0309	0.9691	49.12
48.5	84,803,634	2,840,143	0.0335	0.9665	47.60
49.5	72,372,651	1,446,057	0.0200	0.9800	46.01
50.5	63,710,512	1,528,101	0.0240	0.9760	45.09
51.5	54,400,668	3,171,108	0.0583	0.9417	44.01
52.5	42,180,860	826,322	0.0196	0.9804	41.44
53.5	34,407,517	973,990	0.0283	0.9717	40.63
54.5	27,653,601	1,389,375	0.0502	0.9498	39.48
55.5	22,694,984	1,117,116	0.0492	0.9508	37.50
56.5	17,017,932	432,609	0.0254	0.9746	35.65
57.5	14,753,719	639,109	0.0433	0.9567	34.75
58.5	13,281,637	209,313	0.0158	0.9842	33.24
59.5	11,782,583	6,313	0.0005	0.9995	32.72
60.5	10,217,366	618,228	0.0605	0.9395	32.70
61.5	140,726	385	0.0027	0.9973	30.72
62.5	136,329	52	0.0004	0.9996	30.64
63.5	120,508	56	0.0005	0.9995	30.62
64.5	82,863	89	0.0011	0.9989	30.61
65.5	77,955	16,266	0.2087	0.7913	30.58
66.5	57,055	1,171	0.0205	0.9795	24.20
67.5	48,875		0.0000	1.0000	23.70
68.5	49,330	33	0.0007	0.9993	23.70
69.5	45,862	68	0.0015	0.9985	23.68
70.5	45,793	65	0.0014	0.9986	23.65
71.5	44,032	2	0.0000	1.0000	23.62
72.5	39,813	9	0.0002	0.9998	23.61
73.5	34,653	26	0.0008	0.9992	23.61
74.5	34,479		0.0000	1.0000	23.59
75.5	39,483	47	0.0012	0.9988	23.59
76.5	37,500	282	0.0075	0.9925	23.56
77.5	37,218	19	0.0005	0.9995	23.39
78.5	33,873	6	0.0002	0.9998	23.37

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

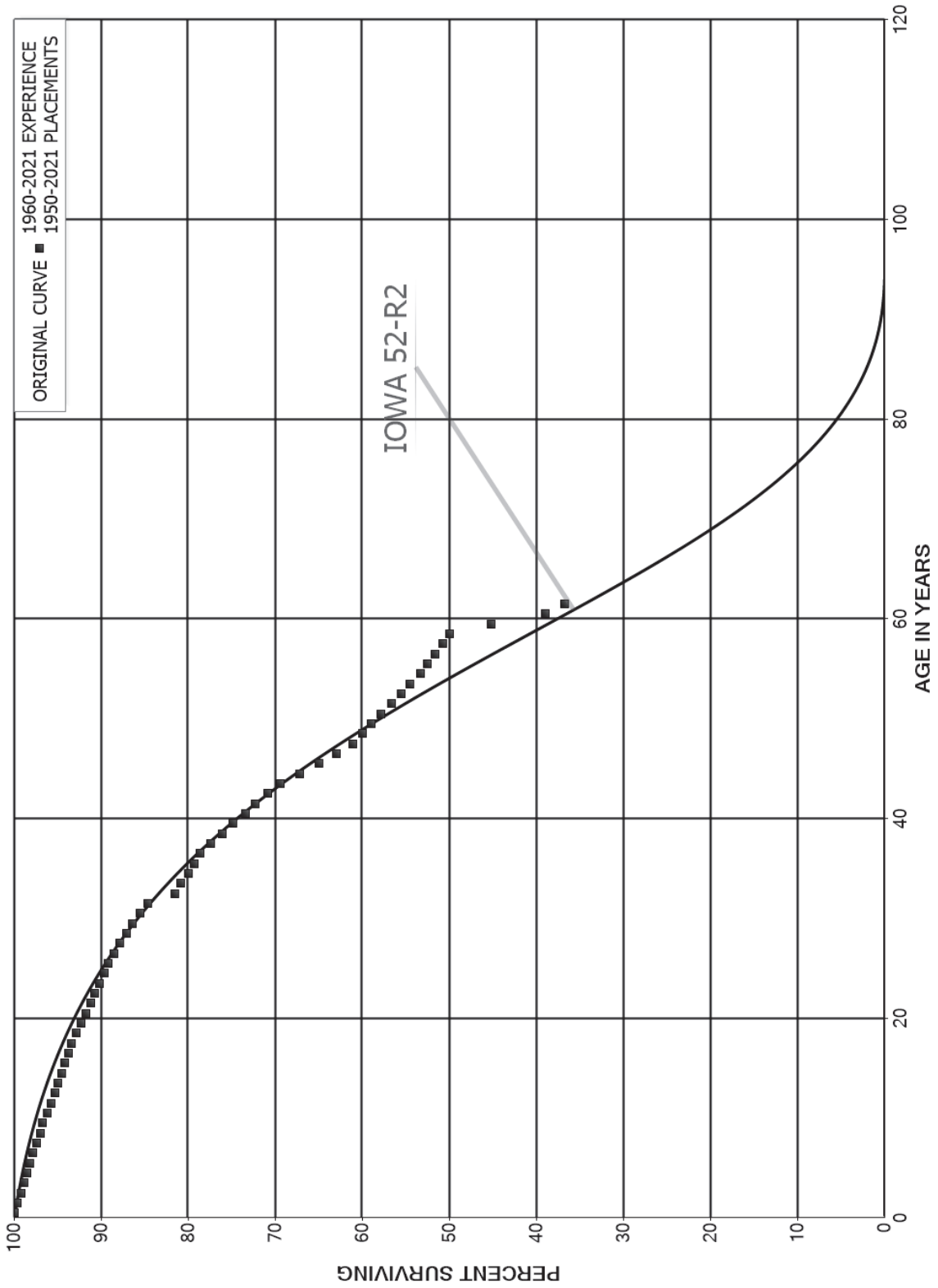
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	14,606	3	0.0002	0.9998	23.37
80.5	13,355	4	0.0003	0.9997	23.36
81.5	12,943		0.0000	1.0000	23.36
82.5	12,729	2	0.0002	0.9998	23.36
83.5	12,481	1,323	0.1060	0.8940	23.35
84.5	11,158	19	0.0017	0.9983	20.88
85.5	11,014	78	0.0071	0.9929	20.84
86.5	10,325	34	0.0033	0.9967	20.70
87.5	9,222		0.0000	1.0000	20.63
88.5	8,482	19	0.0023	0.9977	20.63
89.5	6,640		0.0000	1.0000	20.58
90.5	6,640		0.0000	1.0000	20.58
91.5	5,652		0.0000	1.0000	20.58
92.5	5,652	119	0.0211	0.9789	20.58
93.5	5,533		0.0000	1.0000	20.15
94.5	5,533		0.0000	1.0000	20.15
95.5					20.15

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNTS 364.00 AND 364.10 POLES, TOWERS AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 364.00 AND 364.10 POLES, TOWERS AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1950-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,070,341,535	1,218,042	0.0006	0.9994	100.00
0.5	1,762,724,257	6,447,495	0.0037	0.9963	99.94
1.5	1,762,294,035	6,739,108	0.0038	0.9962	99.58
2.5	1,745,434,468	6,048,188	0.0035	0.9965	99.19
3.5	1,698,996,547	5,147,486	0.0030	0.9970	98.85
4.5	1,603,309,088	6,351,695	0.0040	0.9960	98.55
5.5	1,541,448,715	5,813,690	0.0038	0.9962	98.16
6.5	1,480,283,926	6,270,034	0.0042	0.9958	97.79
7.5	1,399,587,543	5,285,653	0.0038	0.9962	97.38
8.5	1,360,687,327	4,546,771	0.0033	0.9967	97.01
9.5	1,329,140,795	7,025,726	0.0053	0.9947	96.68
10.5	1,275,347,105	6,007,313	0.0047	0.9953	96.17
11.5	1,245,279,146	5,469,128	0.0044	0.9956	95.72
12.5	1,205,414,411	4,889,875	0.0041	0.9959	95.30
13.5	1,158,096,295	5,330,683	0.0046	0.9954	94.91
14.5	1,111,862,905	3,945,247	0.0035	0.9965	94.48
15.5	1,065,443,644	4,544,186	0.0043	0.9957	94.14
16.5	1,016,666,892	4,319,180	0.0042	0.9958	93.74
17.5	973,181,990	4,953,306	0.0051	0.9949	93.34
18.5	943,879,132	6,107,802	0.0065	0.9935	92.87
19.5	915,601,856	5,624,197	0.0061	0.9939	92.27
20.5	881,272,155	5,106,218	0.0058	0.9942	91.70
21.5	816,601,643	4,223,240	0.0052	0.9948	91.17
22.5	793,317,963	4,350,104	0.0055	0.9945	90.70
23.5	770,904,867	4,589,962	0.0060	0.9940	90.20
24.5	747,819,627	4,341,847	0.0058	0.9942	89.66
25.5	722,570,717	4,752,620	0.0066	0.9934	89.14
26.5	697,096,549	5,845,667	0.0084	0.9916	88.56
27.5	669,462,085	5,376,959	0.0080	0.9920	87.81
28.5	625,515,680	4,798,183	0.0077	0.9923	87.11
29.5	583,376,876	6,079,454	0.0104	0.9896	86.44
30.5	529,665,562	5,637,838	0.0106	0.9894	85.54
31.5	453,009,729	16,491,460	0.0364	0.9636	84.63
32.5	389,587,841	3,649,590	0.0094	0.9906	81.55
33.5	341,596,625	3,327,276	0.0097	0.9903	80.78
34.5	303,463,641	2,552,785	0.0084	0.9916	80.00
35.5	268,769,218	2,564,030	0.0095	0.9905	79.32
36.5	240,249,563	3,441,101	0.0143	0.9857	78.57
37.5	211,105,509	3,810,493	0.0181	0.9819	77.44
38.5	184,873,509	3,034,229	0.0164	0.9836	76.04

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 364.00 AND 364.10 POLES, TOWERS AND FIXTURES

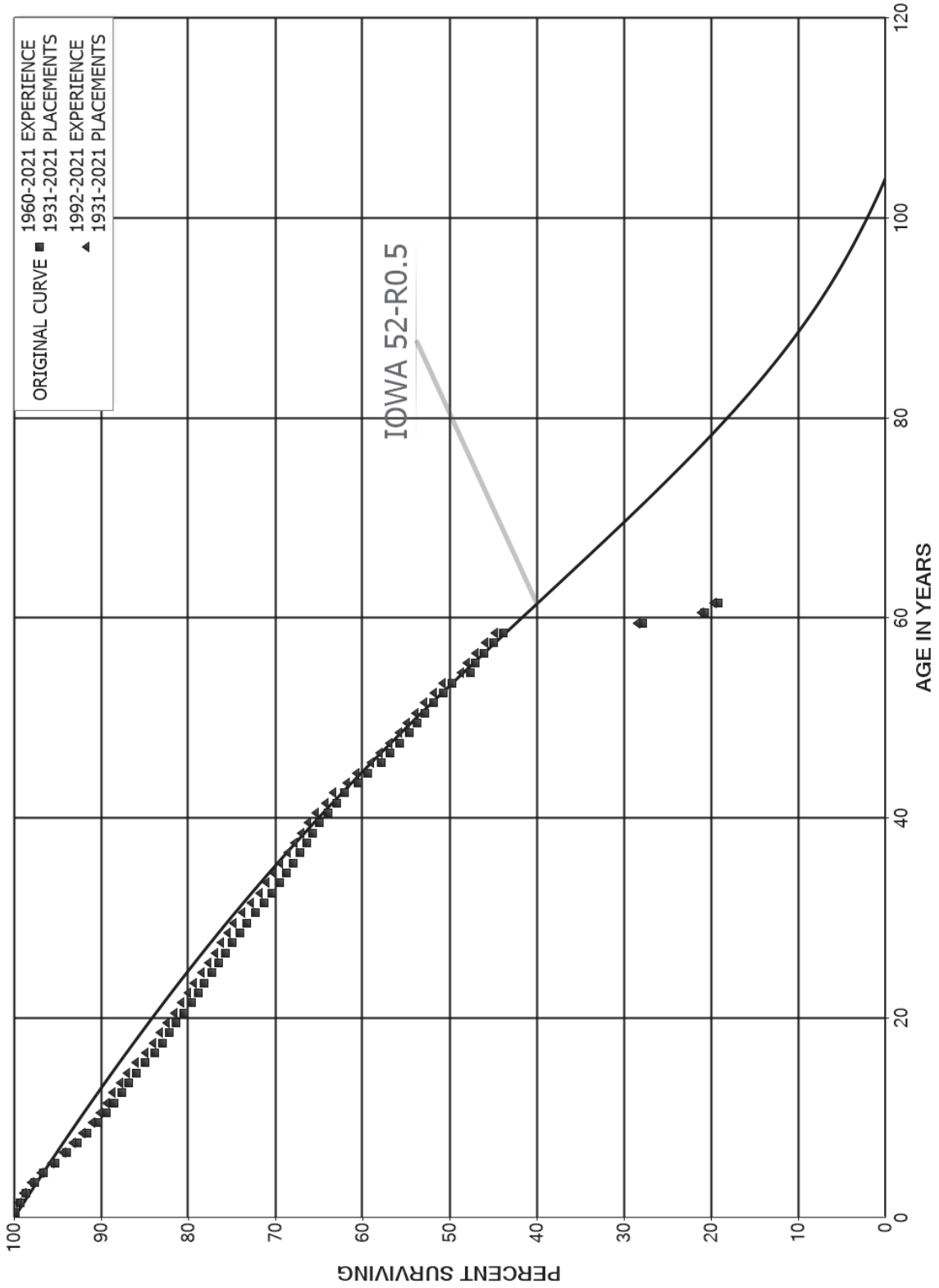
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1950-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	163,292,251	3,048,525	0.0187	0.9813	74.80
40.5	144,042,715	2,277,795	0.0158	0.9842	73.40
41.5	128,202,807	2,519,075	0.0196	0.9804	72.24
42.5	111,632,659	2,236,446	0.0200	0.9800	70.82
43.5	99,641,905	3,250,978	0.0326	0.9674	69.40
44.5	85,278,374	2,700,672	0.0317	0.9683	67.14
45.5	74,329,559	2,386,376	0.0321	0.9679	65.01
46.5	67,365,066	1,932,191	0.0287	0.9713	62.92
47.5	54,222,521	996,815	0.0184	0.9816	61.12
48.5	45,405,998	786,127	0.0173	0.9827	59.99
49.5	37,556,068	745,715	0.0199	0.9801	58.96
50.5	29,833,126	596,613	0.0200	0.9800	57.78
51.5	26,102,333	527,403	0.0202	0.9798	56.63
52.5	21,199,896	389,184	0.0184	0.9816	55.48
53.5	19,125,891	401,362	0.0210	0.9790	54.47
54.5	15,666,973	238,972	0.0153	0.9847	53.32
55.5	12,647,674	214,511	0.0170	0.9830	52.51
56.5	10,996,712	180,871	0.0164	0.9836	51.62
57.5	8,450,207	126,964	0.0150	0.9850	50.77
58.5	6,486,549	620,362	0.0956	0.9044	50.01
59.5	4,853,985	670,446	0.1381	0.8619	45.22
60.5	3,659,909	210,360	0.0575	0.9425	38.98
61.5					36.74

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNTS 365.00 AND 365.10 OVERHEAD CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 365.00 AND 365.10 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1931-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	3,173,419,902	3,739,854	0.0012	0.9988	100.00
0.5	2,685,584,793	15,613,099	0.0058	0.9942	99.88
1.5	2,618,983,918	18,491,025	0.0071	0.9929	99.30
2.5	2,563,367,805	24,278,712	0.0095	0.9905	98.60
3.5	2,498,748,120	27,940,265	0.0112	0.9888	97.67
4.5	2,324,955,104	29,862,254	0.0128	0.9872	96.57
5.5	2,198,148,532	32,374,274	0.0147	0.9853	95.33
6.5	2,062,556,733	26,733,172	0.0130	0.9870	93.93
7.5	1,953,495,069	24,186,915	0.0124	0.9876	92.71
8.5	1,833,890,866	22,373,190	0.0122	0.9878	91.56
9.5	1,739,309,088	20,873,583	0.0120	0.9880	90.45
10.5	1,641,511,966	15,828,765	0.0096	0.9904	89.36
11.5	1,596,923,076	15,245,411	0.0095	0.9905	88.50
12.5	1,525,510,410	14,755,731	0.0097	0.9903	87.66
13.5	1,442,600,847	14,377,347	0.0100	0.9900	86.81
14.5	1,362,541,117	14,998,076	0.0110	0.9890	85.94
15.5	1,279,246,187	17,278,588	0.0135	0.9865	85.00
16.5	1,185,114,736	12,068,186	0.0102	0.9898	83.85
17.5	1,106,656,364	10,197,354	0.0092	0.9908	82.99
18.5	1,040,378,806	10,776,629	0.0104	0.9896	82.23
19.5	956,119,704	10,590,390	0.0111	0.9889	81.38
20.5	855,055,748	9,005,679	0.0105	0.9895	80.48
21.5	760,626,663	7,326,862	0.0096	0.9904	79.63
22.5	700,790,226	6,376,729	0.0091	0.9909	78.86
23.5	642,632,831	7,238,517	0.0113	0.9887	78.14
24.5	578,676,210	5,467,481	0.0094	0.9906	77.26
25.5	526,579,873	5,868,001	0.0111	0.9889	76.53
26.5	484,160,003	4,966,515	0.0103	0.9897	75.68
27.5	448,975,777	4,849,482	0.0108	0.9892	74.90
28.5	421,402,165	4,471,289	0.0106	0.9894	74.10
29.5	393,041,417	5,536,982	0.0141	0.9859	73.31
30.5	356,345,367	4,843,688	0.0136	0.9864	72.28
31.5	304,072,454	4,013,918	0.0132	0.9868	71.29
32.5	270,221,653	3,298,500	0.0122	0.9878	70.35
33.5	238,729,777	2,543,259	0.0107	0.9893	69.49
34.5	217,519,042	2,375,032	0.0109	0.9891	68.75
35.5	197,467,651	2,454,014	0.0124	0.9876	68.00
36.5	180,649,357	2,046,747	0.0113	0.9887	67.16
37.5	163,404,880	1,756,603	0.0108	0.9892	66.40
38.5	147,825,489	1,733,667	0.0117	0.9883	65.68

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 365.00 AND 365.10 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1931-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	134,435,181	1,871,701	0.0139	0.9861	64.91
40.5	122,401,621	2,042,852	0.0167	0.9833	64.01
41.5	114,450,423	1,568,790	0.0137	0.9863	62.94
42.5	103,329,080	2,581,394	0.0250	0.9750	62.08
43.5	95,009,493	1,725,838	0.0182	0.9818	60.53
44.5	85,976,090	2,312,872	0.0269	0.9731	59.43
45.5	78,653,919	1,375,038	0.0175	0.9825	57.83
46.5	74,593,236	1,439,974	0.0193	0.9807	56.82
47.5	63,123,292	1,230,867	0.0195	0.9805	55.72
48.5	54,285,359	855,107	0.0158	0.9842	54.64
49.5	48,424,465	873,128	0.0180	0.9820	53.77
50.5	41,520,805	754,396	0.0182	0.9818	52.81
51.5	37,980,956	819,221	0.0216	0.9784	51.85
52.5	33,198,949	646,772	0.0195	0.9805	50.73
53.5	30,754,744	1,283,088	0.0417	0.9583	49.74
54.5	26,330,088	346,283	0.0132	0.9868	47.66
55.5	23,366,660	494,303	0.0212	0.9788	47.04
56.5	21,804,536	502,337	0.0230	0.9770	46.04
57.5	18,798,144	494,104	0.0263	0.9737	44.98
58.5	15,963,130	5,829,090	0.3652	0.6348	43.80
59.5	7,957,441	2,041,206	0.2565	0.7435	27.81
60.5	3,848,746	278,433	0.0723	0.9277	20.67
61.5					19.18

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 365.00 AND 365.10 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1931-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,602,476,257	3,576,467	0.0014	0.9986	100.00
0.5	2,152,937,161	9,333,295	0.0043	0.9957	99.86
1.5	2,155,839,604	13,352,216	0.0062	0.9938	99.43
2.5	2,146,650,675	19,161,441	0.0089	0.9911	98.81
3.5	2,126,686,766	23,779,883	0.0112	0.9888	97.93
4.5	1,983,474,617	24,679,013	0.0124	0.9876	96.84
5.5	1,887,476,317	26,772,221	0.0142	0.9858	95.63
6.5	1,781,045,280	20,847,955	0.0117	0.9883	94.28
7.5	1,700,072,129	20,096,734	0.0118	0.9882	93.17
8.5	1,603,028,149	18,993,825	0.0118	0.9882	92.07
9.5	1,527,473,786	15,755,887	0.0103	0.9897	90.98
10.5	1,449,150,892	11,601,369	0.0080	0.9920	90.04
11.5	1,421,541,553	11,583,651	0.0081	0.9919	89.32
12.5	1,366,853,329	12,624,014	0.0092	0.9908	88.59
13.5	1,294,852,876	12,448,180	0.0096	0.9904	87.77
14.5	1,227,116,252	13,411,412	0.0109	0.9891	86.93
15.5	1,152,949,777	15,765,311	0.0137	0.9863	85.98
16.5	1,066,226,982	10,664,919	0.0100	0.9900	84.80
17.5	1,002,615,553	8,903,684	0.0089	0.9911	83.96
18.5	947,438,287	9,442,456	0.0100	0.9900	83.21
19.5	872,086,372	9,124,348	0.0105	0.9895	82.38
20.5	782,600,251	7,856,603	0.0100	0.9900	81.52
21.5	695,223,012	6,308,880	0.0091	0.9909	80.70
22.5	642,083,128	5,625,156	0.0088	0.9912	79.97
23.5	587,857,741	6,475,031	0.0110	0.9890	79.27
24.5	529,641,109	5,171,948	0.0098	0.9902	78.40
25.5	482,183,166	4,678,875	0.0097	0.9903	77.63
26.5	443,294,242	4,218,293	0.0095	0.9905	76.88
27.5	413,018,334	3,797,994	0.0092	0.9908	76.14
28.5	390,327,795	3,973,719	0.0102	0.9898	75.44
29.5	366,095,076	4,641,391	0.0127	0.9873	74.68
30.5	333,869,376	4,531,214	0.0136	0.9864	73.73
31.5	304,072,454	4,013,918	0.0132	0.9868	72.73
32.5	270,221,653	3,298,500	0.0122	0.9878	71.77
33.5	238,729,777	2,543,259	0.0107	0.9893	70.89
34.5	217,519,042	2,375,032	0.0109	0.9891	70.14
35.5	197,467,651	2,454,014	0.0124	0.9876	69.37
36.5	180,649,357	2,046,747	0.0113	0.9887	68.51
37.5	163,404,880	1,756,603	0.0108	0.9892	67.73
38.5	147,825,489	1,733,667	0.0117	0.9883	67.01

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 365.00 AND 365.10 OVERHEAD CONDUCTORS AND DEVICES

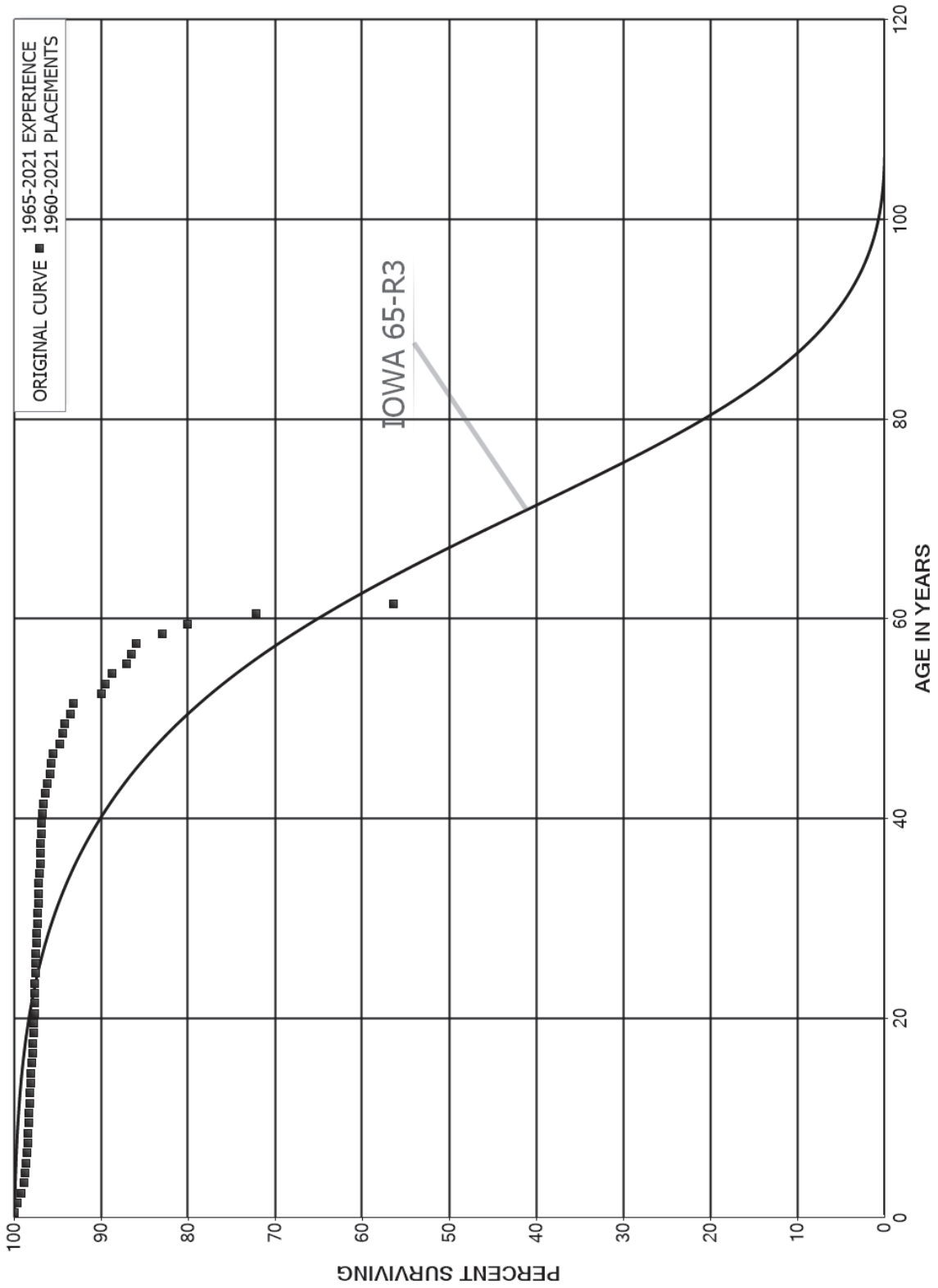
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1931-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	134,435,181	1,871,701	0.0139	0.9861	66.22
40.5	122,401,621	2,042,852	0.0167	0.9833	65.30
41.5	114,450,423	1,568,790	0.0137	0.9863	64.21
42.5	103,329,080	2,581,394	0.0250	0.9750	63.33
43.5	95,009,493	1,725,838	0.0182	0.9818	61.75
44.5	85,976,090	2,312,872	0.0269	0.9731	60.62
45.5	78,653,919	1,375,038	0.0175	0.9825	58.99
46.5	74,593,236	1,439,974	0.0193	0.9807	57.96
47.5	63,123,292	1,230,867	0.0195	0.9805	56.84
48.5	54,285,359	855,107	0.0158	0.9842	55.73
49.5	48,424,465	873,128	0.0180	0.9820	54.86
50.5	41,520,805	754,396	0.0182	0.9818	53.87
51.5	37,980,956	819,221	0.0216	0.9784	52.89
52.5	33,198,949	646,772	0.0195	0.9805	51.75
53.5	30,754,744	1,283,088	0.0417	0.9583	50.74
54.5	26,330,088	346,283	0.0132	0.9868	48.62
55.5	23,366,660	494,303	0.0212	0.9788	47.98
56.5	21,804,536	502,337	0.0230	0.9770	46.97
57.5	18,798,144	494,104	0.0263	0.9737	45.89
58.5	15,963,130	5,829,090	0.3652	0.6348	44.68
59.5	7,957,441	2,041,206	0.2565	0.7435	28.36
60.5	3,848,746	278,433	0.0723	0.9277	21.09
61.5					19.56

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 366.00 UNDERGROUND CONDUIT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 366.00 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1965-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	309,255,018	52,422	0.0002	0.9998	100.00
0.5	267,823,635	1,036,643	0.0039	0.9961	99.98
1.5	245,153,615	927,238	0.0038	0.9962	99.60
2.5	226,551,713	791,751	0.0035	0.9965	99.22
3.5	215,019,268	308,080	0.0014	0.9986	98.87
4.5	208,075,181	271,454	0.0013	0.9987	98.73
5.5	201,073,935	159,315	0.0008	0.9992	98.60
6.5	194,341,801	164,466	0.0008	0.9992	98.52
7.5	188,103,118	112,032	0.0006	0.9994	98.44
8.5	184,516,403	101,466	0.0005	0.9995	98.38
9.5	180,909,257	93,255	0.0005	0.9995	98.33
10.5	176,142,299	119,730	0.0007	0.9993	98.28
11.5	173,483,395	64,592	0.0004	0.9996	98.21
12.5	165,912,022	98,340	0.0006	0.9994	98.17
13.5	161,294,843	113,143	0.0007	0.9993	98.12
14.5	156,306,152	238,900	0.0015	0.9985	98.05
15.5	153,052,142	80,541	0.0005	0.9995	97.90
16.5	149,508,256	82,626	0.0006	0.9994	97.85
17.5	147,126,594	69,441	0.0005	0.9995	97.79
18.5	145,153,835	68,968	0.0005	0.9995	97.75
19.5	142,881,451	69,952	0.0005	0.9995	97.70
20.5	139,141,093	39,677	0.0003	0.9997	97.65
21.5	135,024,013	52,293	0.0004	0.9996	97.62
22.5	132,192,283	23,591	0.0002	0.9998	97.59
23.5	129,367,972	46,414	0.0004	0.9996	97.57
24.5	127,167,040	51,336	0.0004	0.9996	97.53
25.5	125,214,564	40,584	0.0003	0.9997	97.49
26.5	123,393,749	45,315	0.0004	0.9996	97.46
27.5	120,661,018	41,558	0.0003	0.9997	97.43
28.5	115,126,236	71,250	0.0006	0.9994	97.39
29.5	106,529,434	62,916	0.0006	0.9994	97.33
30.5	94,211,972	47,059	0.0005	0.9995	97.27
31.5	73,919,964	36,980	0.0005	0.9995	97.23
32.5	59,552,468	30,656	0.0005	0.9995	97.18
33.5	45,458,376	30,971	0.0007	0.9993	97.13
34.5	36,206,469	26,912	0.0007	0.9993	97.06
35.5	30,224,776	14,400	0.0005	0.9995	96.99
36.5	26,532,723	10,346	0.0004	0.9996	96.94
37.5	23,739,370	12,114	0.0005	0.9995	96.91
38.5	22,506,401	10,850	0.0005	0.9995	96.86

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 366.00 UNDERGROUND CONDUIT

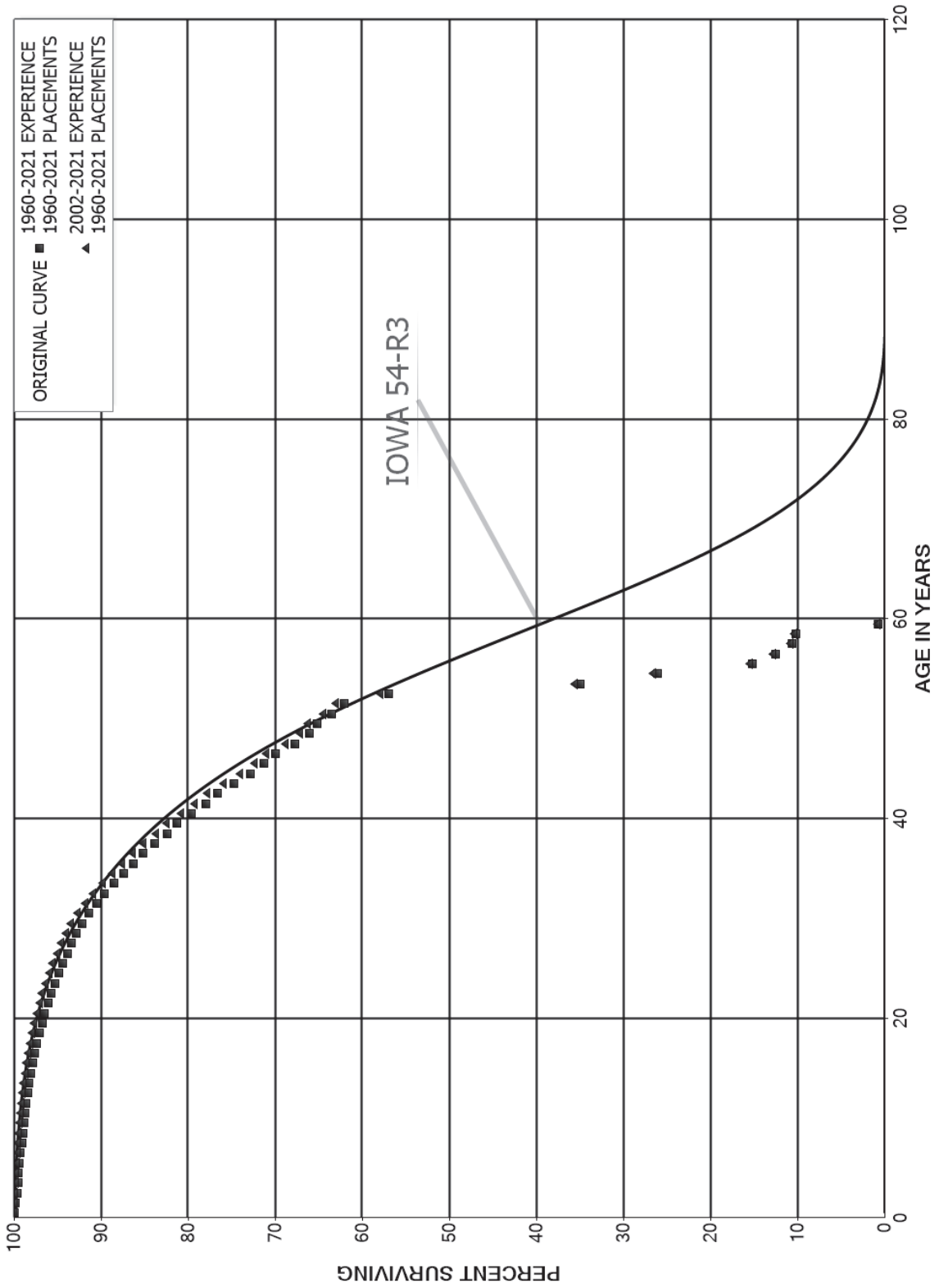
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1965-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	21,550,656	16,640	0.0008	0.9992	96.81
40.5	20,568,643	29,440	0.0014	0.9986	96.73
41.5	19,619,515	45,131	0.0023	0.9977	96.60
42.5	18,791,505	48,164	0.0026	0.9974	96.37
43.5	18,150,699	46,248	0.0025	0.9975	96.13
44.5	16,415,485	19,679	0.0012	0.9988	95.88
45.5	15,762,605	47,072	0.0030	0.9970	95.77
46.5	15,341,911	114,837	0.0075	0.9925	95.48
47.5	15,122,441	55,700	0.0037	0.9963	94.77
48.5	14,486,193	31,956	0.0022	0.9978	94.42
49.5	14,183,916	113,887	0.0080	0.9920	94.21
50.5	13,531,148	33,158	0.0025	0.9975	93.45
51.5	12,887,405	450,596	0.0350	0.9650	93.22
52.5	1,535,140	7,110	0.0046	0.9954	89.96
53.5	1,389,460	13,113	0.0094	0.9906	89.55
54.5	1,250,703	23,360	0.0187	0.9813	88.70
55.5	703,616	4,554	0.0065	0.9935	87.05
56.5	583,948	3,496	0.0060	0.9940	86.48
57.5	511,031	17,943	0.0351	0.9649	85.96
58.5	468,114	16,071	0.0343	0.9657	82.95
59.5	397,742	39,113	0.0983	0.9017	80.10
60.5	326,088	71,613	0.2196	0.7804	72.22
61.5					56.36

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,688,945,202	1,141,184	0.0004	0.9996	100.00
0.5	2,210,052,493	3,656,314	0.0017	0.9983	99.96
1.5	2,124,861,254	2,839,919	0.0013	0.9987	99.79
2.5	2,021,149,242	2,576,702	0.0013	0.9987	99.66
3.5	1,967,834,930	1,582,402	0.0008	0.9992	99.53
4.5	1,870,862,850	1,746,841	0.0009	0.9991	99.45
5.5	1,811,238,538	2,193,206	0.0012	0.9988	99.36
6.5	1,764,665,595	2,336,808	0.0013	0.9987	99.24
7.5	1,726,961,479	2,258,644	0.0013	0.9987	99.11
8.5	1,674,124,672	2,238,074	0.0013	0.9987	98.98
9.5	1,640,740,356	2,327,784	0.0014	0.9986	98.85
10.5	1,610,225,369	2,333,051	0.0014	0.9986	98.70
11.5	1,572,037,295	2,484,200	0.0016	0.9984	98.56
12.5	1,525,332,208	2,684,507	0.0018	0.9982	98.41
13.5	1,411,191,588	3,043,755	0.0022	0.9978	98.23
14.5	1,281,217,933	2,864,709	0.0022	0.9978	98.02
15.5	1,181,787,656	2,402,152	0.0020	0.9980	97.80
16.5	1,088,282,415	2,679,160	0.0025	0.9975	97.60
17.5	1,021,312,015	2,956,603	0.0029	0.9971	97.36
18.5	968,081,902	3,203,694	0.0033	0.9967	97.08
19.5	908,095,598	2,887,530	0.0032	0.9968	96.76
20.5	831,671,464	3,168,064	0.0038	0.9962	96.45
21.5	746,958,067	2,980,830	0.0040	0.9960	96.08
22.5	698,393,047	3,036,529	0.0043	0.9957	95.70
23.5	640,747,064	3,190,055	0.0050	0.9950	95.29
24.5	602,330,018	2,745,599	0.0046	0.9954	94.81
25.5	567,758,058	3,068,451	0.0054	0.9946	94.38
26.5	529,671,758	2,776,759	0.0052	0.9948	93.87
27.5	493,183,346	3,065,954	0.0062	0.9938	93.38
28.5	441,861,721	3,218,310	0.0073	0.9927	92.80
29.5	385,666,084	3,223,198	0.0084	0.9916	92.12
30.5	318,523,056	2,888,049	0.0091	0.9909	91.35
31.5	262,243,693	2,630,557	0.0100	0.9900	90.52
32.5	221,946,554	2,669,276	0.0120	0.9880	89.61
33.5	174,058,307	2,204,323	0.0127	0.9873	88.54
34.5	146,463,677	1,916,721	0.0131	0.9869	87.41
35.5	119,837,249	1,587,621	0.0132	0.9868	86.27
36.5	102,794,116	1,553,506	0.0151	0.9849	85.13
37.5	87,857,466	1,472,194	0.0168	0.9832	83.84
38.5	74,923,061	1,054,996	0.0141	0.9859	82.44

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	63,024,360	1,263,910	0.0201	0.9799	81.28
40.5	52,404,520	1,077,639	0.0206	0.9794	79.65
41.5	42,815,946	771,364	0.0180	0.9820	78.01
42.5	34,718,099	862,088	0.0248	0.9752	76.60
43.5	30,111,074	751,809	0.0250	0.9750	74.70
44.5	24,720,344	540,832	0.0219	0.9781	72.84
45.5	20,964,064	391,102	0.0187	0.9813	71.24
46.5	19,418,676	598,258	0.0308	0.9692	69.91
47.5	14,543,390	366,126	0.0252	0.9748	67.76
48.5	11,436,166	155,830	0.0136	0.9864	66.05
49.5	10,788,938	275,878	0.0256	0.9744	65.15
50.5	8,512,542	192,220	0.0226	0.9774	63.49
51.5	7,000,869	575,172	0.0822	0.9178	62.05
52.5	749,366	289,095	0.3858	0.6142	56.96
53.5	276,231	70,290	0.2545	0.7455	34.98
54.5	134,171	55,877	0.4165	0.5835	26.08
55.5	78,294	13,827	0.1766	0.8234	15.22
56.5	64,467	10,133	0.1572	0.8428	12.53
57.5	54,334	2,208	0.0406	0.9594	10.56
58.5	52,125	48,209	0.9249	0.0751	10.13
59.5	3,916	2,014	0.5143	0.4857	0.76
60.5	1,902	1,902	1.0000		0.37
61.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,762,912,552	867,778	0.0005	0.9995	100.00
0.5	1,359,415,010	1,148,148	0.0008	0.9992	99.95
1.5	1,360,969,978	951,718	0.0007	0.9993	99.87
2.5	1,304,911,798	917,078	0.0007	0.9993	99.80
3.5	1,317,318,966	602,868	0.0005	0.9995	99.73
4.5	1,256,410,615	782,890	0.0006	0.9994	99.68
5.5	1,228,956,865	1,029,413	0.0008	0.9992	99.62
6.5	1,217,714,401	907,667	0.0007	0.9993	99.54
7.5	1,215,086,114	1,003,728	0.0008	0.9992	99.46
8.5	1,212,556,170	1,194,895	0.0010	0.9990	99.38
9.5	1,233,553,286	1,201,121	0.0010	0.9990	99.28
10.5	1,271,226,346	1,321,513	0.0010	0.9990	99.18
11.5	1,291,038,894	1,623,705	0.0013	0.9987	99.08
12.5	1,285,232,844	1,933,238	0.0015	0.9985	98.96
13.5	1,220,697,181	2,283,747	0.0019	0.9981	98.81
14.5	1,118,924,756	1,953,937	0.0017	0.9983	98.62
15.5	1,047,424,159	1,860,779	0.0018	0.9982	98.45
16.5	971,437,002	1,951,893	0.0020	0.9980	98.28
17.5	919,988,192	2,136,226	0.0023	0.9977	98.08
18.5	880,564,496	2,440,196	0.0028	0.9972	97.85
19.5	833,678,394	2,354,286	0.0028	0.9972	97.58
20.5	768,232,334	2,437,627	0.0032	0.9968	97.30
21.5	694,104,199	2,211,806	0.0032	0.9968	97.00
22.5	654,936,933	2,688,075	0.0041	0.9959	96.69
23.5	602,113,149	2,632,222	0.0044	0.9956	96.29
24.5	569,839,689	2,296,360	0.0040	0.9960	95.87
25.5	539,070,479	2,687,654	0.0050	0.9950	95.48
26.5	502,830,315	2,499,001	0.0050	0.9950	95.01
27.5	473,074,971	2,711,477	0.0057	0.9943	94.53
28.5	426,139,052	2,788,433	0.0065	0.9935	93.99
29.5	371,378,703	3,148,226	0.0085	0.9915	93.38
30.5	307,065,575	2,782,215	0.0091	0.9909	92.59
31.5	252,969,145	2,522,857	0.0100	0.9900	91.75
32.5	219,732,656	2,626,992	0.0120	0.9880	90.83
33.5	172,470,237	2,151,671	0.0125	0.9875	89.75
34.5	145,351,288	1,888,384	0.0130	0.9870	88.63
35.5	119,208,216	1,566,736	0.0131	0.9869	87.47
36.5	102,297,793	1,534,829	0.0150	0.9850	86.32
37.5	87,492,928	1,468,270	0.0168	0.9832	85.03
38.5	74,616,187	1,052,720	0.0141	0.9859	83.60

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

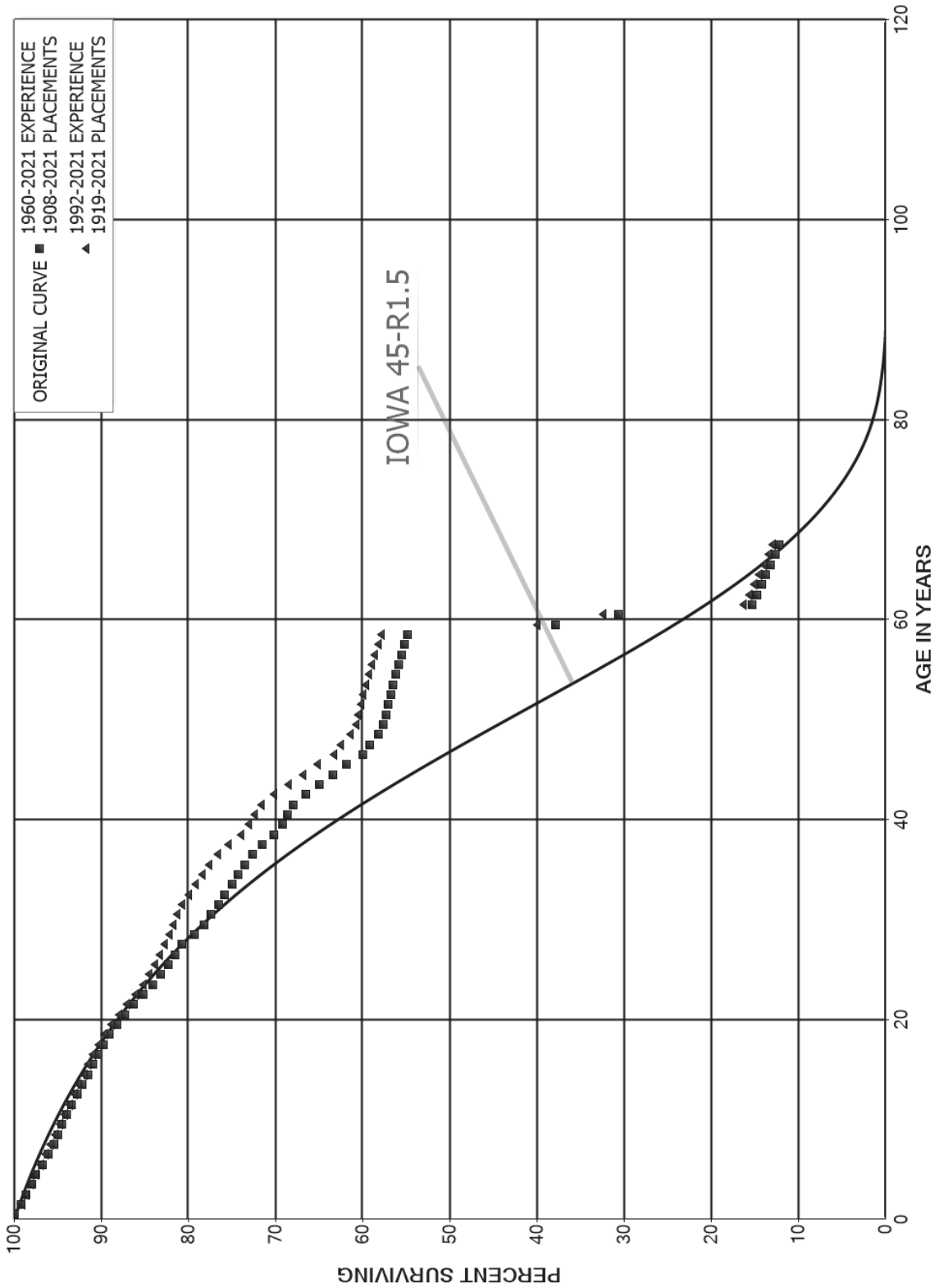
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	62,812,788	1,263,571	0.0201	0.9799	82.42
40.5	52,193,308	1,026,030	0.0197	0.9803	80.77
41.5	42,815,946	771,364	0.0180	0.9820	79.18
42.5	34,718,099	862,088	0.0248	0.9752	77.75
43.5	30,111,074	751,809	0.0250	0.9750	75.82
44.5	24,720,344	540,832	0.0219	0.9781	73.93
45.5	20,964,064	391,102	0.0187	0.9813	72.31
46.5	19,418,676	598,258	0.0308	0.9692	70.96
47.5	14,543,390	366,126	0.0252	0.9748	68.77
48.5	11,436,166	155,830	0.0136	0.9864	67.04
49.5	10,788,938	275,878	0.0256	0.9744	66.13
50.5	8,512,542	192,220	0.0226	0.9774	64.44
51.5	7,000,869	575,172	0.0822	0.9178	62.98
52.5	749,366	289,095	0.3858	0.6142	57.81
53.5	276,231	70,290	0.2545	0.7455	35.51
54.5	134,171	55,877	0.4165	0.5835	26.47
55.5	78,294	13,827	0.1766	0.8234	15.45
56.5	64,467	10,133	0.1572	0.8428	12.72
57.5	54,334	2,208	0.0406	0.9594	10.72
58.5	52,125	48,209	0.9249	0.0751	10.28
59.5	3,916	2,014	0.5143	0.4857	0.77
60.5	1,902	1,902	1.0000		0.38
61.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,346,669,011	1,820,304	0.0008	0.9992	100.00
0.5	1,988,787,801	15,895,456	0.0080	0.9920	99.92
1.5	1,954,393,379	9,969,127	0.0051	0.9949	99.12
2.5	1,889,396,978	11,879,185	0.0063	0.9937	98.62
3.5	1,869,311,557	9,781,207	0.0052	0.9948	98.00
4.5	1,794,693,257	13,182,499	0.0073	0.9927	97.49
5.5	1,738,136,435	12,922,803	0.0074	0.9926	96.77
6.5	1,698,565,559	11,154,581	0.0066	0.9934	96.05
7.5	1,630,722,280	7,782,173	0.0048	0.9952	95.42
8.5	1,583,494,168	8,219,645	0.0052	0.9948	94.96
9.5	1,541,719,940	9,314,840	0.0060	0.9940	94.47
10.5	1,469,439,834	8,582,041	0.0058	0.9942	93.90
11.5	1,430,498,430	9,867,462	0.0069	0.9931	93.35
12.5	1,378,338,494	8,354,474	0.0061	0.9939	92.71
13.5	1,307,488,553	8,903,577	0.0068	0.9932	92.15
14.5	1,242,714,844	7,622,155	0.0061	0.9939	91.52
15.5	1,179,803,097	7,302,780	0.0062	0.9938	90.96
16.5	1,126,585,553	7,883,577	0.0070	0.9930	90.39
17.5	1,080,883,404	8,556,781	0.0079	0.9921	89.76
18.5	1,035,525,261	9,680,768	0.0093	0.9907	89.05
19.5	992,734,187	10,070,777	0.0101	0.9899	88.22
20.5	933,171,982	11,216,751	0.0120	0.9880	87.32
21.5	870,339,890	10,943,414	0.0126	0.9874	86.27
22.5	824,493,592	10,525,206	0.0128	0.9872	85.19
23.5	774,661,095	8,868,309	0.0114	0.9886	84.10
24.5	739,147,651	7,425,565	0.0100	0.9900	83.14
25.5	702,990,122	6,485,262	0.0092	0.9908	82.30
26.5	667,446,892	6,809,729	0.0102	0.9898	81.54
27.5	632,797,148	11,092,984	0.0175	0.9825	80.71
28.5	580,797,780	8,038,369	0.0138	0.9862	79.30
29.5	542,205,287	5,726,470	0.0106	0.9894	78.20
30.5	501,022,375	5,272,832	0.0105	0.9895	77.37
31.5	455,029,818	4,587,939	0.0101	0.9899	76.56
32.5	400,817,549	4,185,135	0.0104	0.9896	75.79
33.5	328,141,950	3,104,148	0.0095	0.9905	75.00
34.5	298,285,010	3,075,933	0.0103	0.9897	74.29
35.5	257,336,981	3,271,164	0.0127	0.9873	73.52
36.5	226,540,355	3,466,991	0.0153	0.9847	72.59
37.5	197,180,930	3,713,178	0.0188	0.9812	71.48
38.5	172,353,188	2,291,680	0.0133	0.9867	70.13

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	155,445,834	1,364,306	0.0088	0.9912	69.20
40.5	137,354,617	1,348,672	0.0098	0.9902	68.59
41.5	123,482,910	2,587,098	0.0210	0.9790	67.92
42.5	105,705,986	2,518,290	0.0238	0.9762	66.49
43.5	89,568,385	2,152,828	0.0240	0.9760	64.91
44.5	75,776,711	1,868,735	0.0247	0.9753	63.35
45.5	71,514,917	2,078,019	0.0291	0.9709	61.79
46.5	66,987,950	894,564	0.0134	0.9866	59.99
47.5	53,836,638	902,546	0.0168	0.9832	59.19
48.5	41,669,965	453,569	0.0109	0.9891	58.20
49.5	31,429,539	140,646	0.0045	0.9955	57.56
50.5	26,498,397	123,988	0.0047	0.9953	57.31
51.5	22,634,895	105,068	0.0046	0.9954	57.04
52.5	16,960,487	83,039	0.0049	0.9951	56.77
53.5	13,649,851	73,540	0.0054	0.9946	56.50
54.5	9,454,056	53,591	0.0057	0.9943	56.19
55.5	7,167,957	44,564	0.0062	0.9938	55.87
56.5	5,515,580	38,045	0.0069	0.9931	55.53
57.5	4,271,857	25,395	0.0059	0.9941	55.14
58.5	3,541,830	1,096,455	0.3096	0.6904	54.81
59.5	1,906,511	363,013	0.1904	0.8096	37.85
60.5	1,454,701	726,856	0.4997	0.5003	30.64
61.5	295,214	11,276	0.0382	0.9618	15.33
62.5	234,515	8,740	0.0373	0.9627	14.74
63.5	194,609	6,957	0.0358	0.9642	14.20
64.5	148,966	5,508	0.0370	0.9630	13.69
65.5	128,096	5,569	0.0435	0.9565	13.18
66.5	98,692	3,332	0.0338	0.9662	12.61
67.5	80,479	4,654	0.0578	0.9422	12.18
68.5	62,262	3,108	0.0499	0.9501	11.48
69.5	50,943	1,786	0.0351	0.9649	10.91
70.5	57,520	2,001	0.0348	0.9652	10.52
71.5	49,800	1,379	0.0277	0.9723	10.16
72.5	48,880	1,802	0.0369	0.9631	9.88
73.5	22,058	702	0.0318	0.9682	9.51
74.5	16,992	698	0.0411	0.9589	9.21
75.5	13,654	796	0.0583	0.9417	8.83
76.5	10,964	302	0.0275	0.9725	8.32
77.5	10,426	538	0.0516	0.9484	8.09
78.5	9,888	173	0.0175	0.9825	7.67

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	9,519	86	0.0091	0.9909	7.54
80.5	9,262	2,758	0.2977	0.7023	7.47
81.5	6,380	127	0.0198	0.9802	5.24
82.5	6,060	651	0.1073	0.8927	5.14
83.5	5,409	2,898	0.5357	0.4643	4.59
84.5	2,512	630	0.2510	0.7490	2.13
85.5	1,881	1,501	0.7977	0.2023	1.60
86.5	381	46	0.1208	0.8792	0.32
87.5	335	101	0.3003	0.6997	0.28
88.5	184	54	0.2955	0.7045	0.20
89.5	130	96	0.7431	0.2569	0.14
90.5	33	33	0.9919	0.0081	0.04
91.5	0		0.0000	1.0000	0.00
92.5					0.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,571,843,403	1,563,425	0.0010	0.9990	100.00
0.5	1,247,560,609	11,445,894	0.0092	0.9908	99.90
1.5	1,253,549,465	5,533,309	0.0044	0.9956	98.98
2.5	1,236,037,412	7,918,407	0.0064	0.9936	98.55
3.5	1,275,355,940	6,286,239	0.0049	0.9951	97.92
4.5	1,249,915,908	8,103,652	0.0065	0.9935	97.43
5.5	1,245,157,841	6,877,841	0.0055	0.9945	96.80
6.5	1,252,232,756	7,285,056	0.0058	0.9942	96.27
7.5	1,225,049,202	6,746,503	0.0055	0.9945	95.71
8.5	1,202,906,113	6,937,713	0.0058	0.9942	95.18
9.5	1,179,560,414	7,247,802	0.0061	0.9939	94.63
10.5	1,126,615,650	6,161,415	0.0055	0.9945	94.05
11.5	1,107,992,624	6,820,529	0.0062	0.9938	93.53
12.5	1,077,955,303	5,901,247	0.0055	0.9945	92.96
13.5	1,025,009,884	6,235,950	0.0061	0.9939	92.45
14.5	977,230,484	5,687,048	0.0058	0.9942	91.89
15.5	921,338,567	5,548,366	0.0060	0.9940	91.35
16.5	874,350,321	6,060,563	0.0069	0.9931	90.80
17.5	858,755,012	6,559,236	0.0076	0.9924	90.17
18.5	837,054,030	7,379,475	0.0088	0.9912	89.48
19.5	814,712,909	7,452,584	0.0091	0.9909	88.70
20.5	772,106,110	8,440,296	0.0109	0.9891	87.88
21.5	726,730,668	7,680,487	0.0106	0.9894	86.92
22.5	700,579,408	7,719,334	0.0110	0.9890	86.01
23.5	667,084,602	5,589,860	0.0084	0.9916	85.06
24.5	648,434,297	4,624,316	0.0071	0.9929	84.34
25.5	626,943,837	4,034,975	0.0064	0.9936	83.74
26.5	602,204,008	3,917,697	0.0065	0.9935	83.20
27.5	575,774,666	3,864,189	0.0067	0.9933	82.66
28.5	535,487,206	3,022,874	0.0056	0.9944	82.11
29.5	504,923,616	2,871,136	0.0057	0.9943	81.64
30.5	468,675,360	3,021,122	0.0064	0.9936	81.18
31.5	455,029,818	4,587,939	0.0101	0.9899	80.66
32.5	400,817,549	4,185,135	0.0104	0.9896	79.84
33.5	328,141,950	3,104,148	0.0095	0.9905	79.01
34.5	298,285,010	3,075,933	0.0103	0.9897	78.26
35.5	257,336,981	3,271,164	0.0127	0.9873	77.46
36.5	226,540,355	3,466,991	0.0153	0.9847	76.47
37.5	197,180,930	3,713,178	0.0188	0.9812	75.30
38.5	172,353,188	2,291,680	0.0133	0.9867	73.88

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	155,445,834	1,364,306	0.0088	0.9912	72.90
40.5	137,354,617	1,348,672	0.0098	0.9902	72.26
41.5	123,482,910	2,587,098	0.0210	0.9790	71.55
42.5	105,705,986	2,518,290	0.0238	0.9762	70.05
43.5	89,568,385	2,152,828	0.0240	0.9760	68.38
44.5	75,776,711	1,868,735	0.0247	0.9753	66.74
45.5	71,514,917	2,078,019	0.0291	0.9709	65.09
46.5	66,987,950	894,564	0.0134	0.9866	63.20
47.5	53,836,638	902,546	0.0168	0.9832	62.36
48.5	41,669,965	453,569	0.0109	0.9891	61.31
49.5	31,429,539	140,646	0.0045	0.9955	60.65
50.5	26,498,397	123,988	0.0047	0.9953	60.37
51.5	22,634,791	105,068	0.0046	0.9954	60.09
52.5	16,960,383	83,039	0.0049	0.9951	59.81
53.5	13,649,747	73,540	0.0054	0.9946	59.52
54.5	9,453,952	53,591	0.0057	0.9943	59.20
55.5	7,167,853	44,564	0.0062	0.9938	58.86
56.5	5,515,476	38,045	0.0069	0.9931	58.50
57.5	4,271,753	25,395	0.0059	0.9941	58.09
58.5	3,541,726	1,096,455	0.3096	0.6904	57.75
59.5	1,906,407	363,013	0.1904	0.8096	39.87
60.5	1,454,597	726,856	0.4997	0.5003	32.28
61.5	295,110	11,276	0.0382	0.9618	16.15
62.5	234,411	8,740	0.0373	0.9627	15.53
63.5	194,505	6,957	0.0358	0.9642	14.95
64.5	148,862	5,508	0.0370	0.9630	14.42
65.5	127,992	5,569	0.0435	0.9565	13.88
66.5	98,588	3,332	0.0338	0.9662	13.28
67.5	80,375	4,654	0.0579	0.9421	12.83
68.5	62,158	3,108	0.0500	0.9500	12.09
69.5	50,839	1,786	0.0351	0.9649	11.48
70.5	39,347	2,001	0.0509	0.9491	11.08
71.5	31,627	1,379	0.0436	0.9564	10.52
72.5	48,776	1,802	0.0369	0.9631	10.06
73.5	21,954	702	0.0320	0.9680	9.69
74.5	16,888	698	0.0413	0.9587	9.38
75.5	13,550	796	0.0587	0.9413	8.99
76.5	10,860	302	0.0278	0.9722	8.46
77.5	10,322	538	0.0522	0.9478	8.23
78.5	9,784	173	0.0177	0.9823	7.80

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS

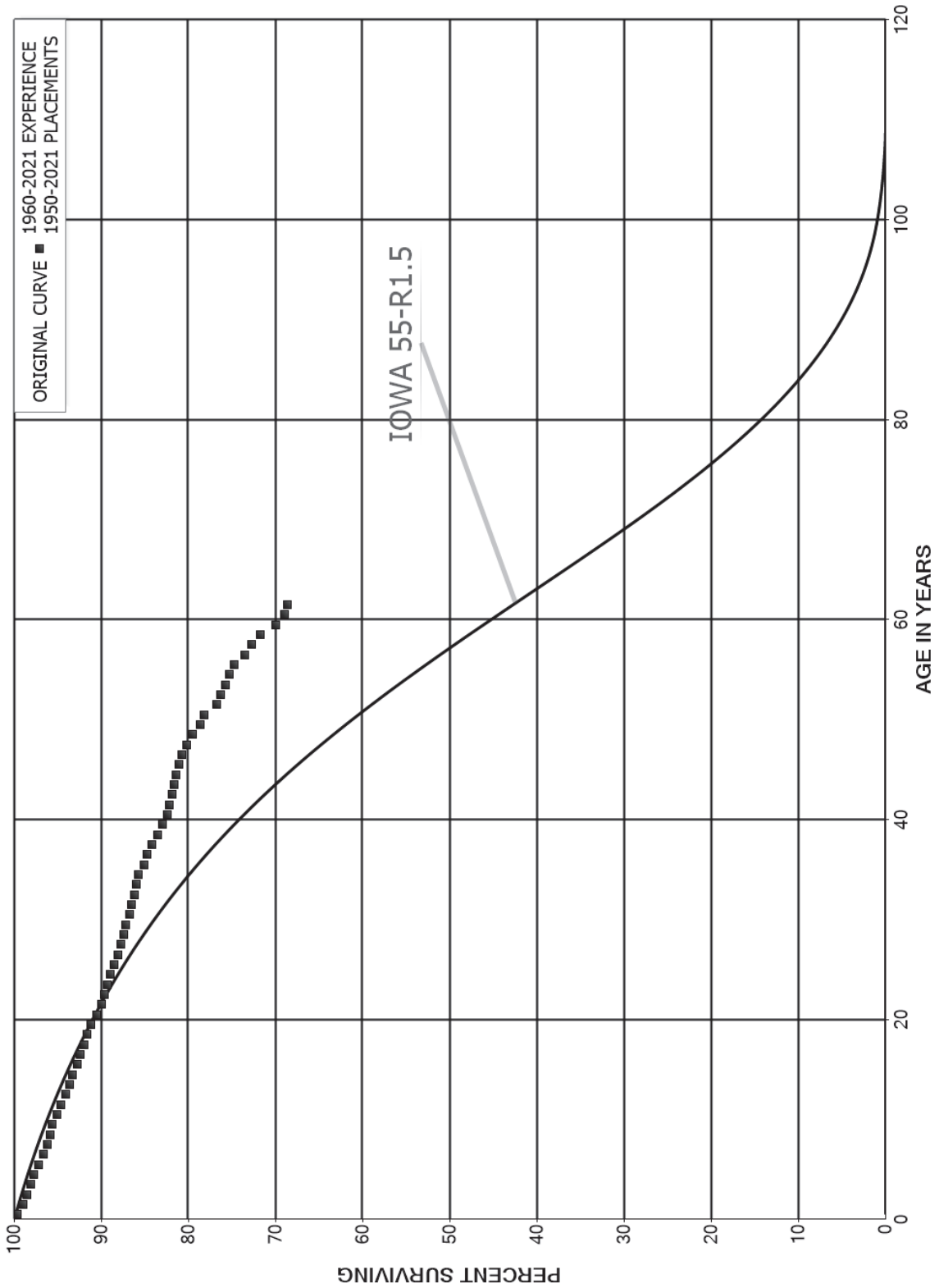
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	9,519	86	0.0091	0.9909	7.66
80.5	9,262	2,758	0.2977	0.7023	7.59
81.5	6,380	127	0.0198	0.9802	5.33
82.5	6,060	651	0.1073	0.8927	5.23
83.5	5,409	2,898	0.5357	0.4643	4.66
84.5	2,512	630	0.2510	0.7490	2.17
85.5	1,881	1,501	0.7977	0.2023	1.62
86.5	381	46	0.1208	0.8792	0.33
87.5	335	101	0.3003	0.6997	0.29
88.5	184	54	0.2955	0.7045	0.20
89.5	130	96	0.7431	0.2569	0.14
90.5	33	33	0.9919	0.0081	0.04
91.5	0		0.0000	1.0000	0.00
92.5					0.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 369.00 SERVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 369.00 SERVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1950-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,387,577,048	5,198,775	0.0037	0.9963	100.00
0.5	1,152,052,991	7,452,045	0.0065	0.9935	99.63
1.5	1,131,371,544	4,853,546	0.0043	0.9957	98.98
2.5	1,103,037,044	5,943,979	0.0054	0.9946	98.56
3.5	1,109,382,460	3,800,072	0.0034	0.9966	98.03
4.5	1,074,983,237	5,728,990	0.0053	0.9947	97.69
5.5	1,028,047,519	5,449,900	0.0053	0.9947	97.17
6.5	984,602,878	5,085,526	0.0052	0.9948	96.65
7.5	931,666,384	2,629,461	0.0028	0.9972	96.15
8.5	894,126,460	2,678,408	0.0030	0.9970	95.88
9.5	864,415,394	5,282,970	0.0061	0.9939	95.60
10.5	819,713,525	3,880,488	0.0047	0.9953	95.01
11.5	801,224,904	4,062,358	0.0051	0.9949	94.56
12.5	754,571,889	3,375,106	0.0045	0.9955	94.08
13.5	736,268,388	2,713,048	0.0037	0.9963	93.66
14.5	695,083,363	4,107,762	0.0059	0.9941	93.32
15.5	651,424,927	2,925,822	0.0045	0.9955	92.76
16.5	614,437,631	2,487,260	0.0040	0.9960	92.35
17.5	583,365,297	2,324,343	0.0040	0.9960	91.97
18.5	568,745,069	2,724,358	0.0048	0.9952	91.61
19.5	532,943,781	3,834,310	0.0072	0.9928	91.17
20.5	497,737,658	2,948,632	0.0059	0.9941	90.51
21.5	456,515,668	1,772,113	0.0039	0.9961	89.98
22.5	421,560,332	1,566,081	0.0037	0.9963	89.63
23.5	394,083,722	1,782,453	0.0045	0.9955	89.29
24.5	359,831,196	1,665,438	0.0046	0.9954	88.89
25.5	331,579,912	1,579,202	0.0048	0.9952	88.48
26.5	309,130,754	1,176,452	0.0038	0.9962	88.06
27.5	286,192,478	1,003,732	0.0035	0.9965	87.72
28.5	260,188,991	652,500	0.0025	0.9975	87.42
29.5	241,399,285	1,213,214	0.0050	0.9950	87.20
30.5	222,106,175	740,128	0.0033	0.9967	86.76
31.5	198,057,362	615,310	0.0031	0.9969	86.47
32.5	173,629,879	431,415	0.0025	0.9975	86.20
33.5	149,019,457	440,480	0.0030	0.9970	85.99
34.5	134,537,451	1,061,833	0.0079	0.9921	85.73
35.5	126,767,123	520,543	0.0041	0.9959	85.06
36.5	118,028,755	681,002	0.0058	0.9942	84.71
37.5	106,045,778	929,444	0.0088	0.9912	84.22
38.5	92,511,396	638,067	0.0069	0.9931	83.48

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 369.00 SERVICES

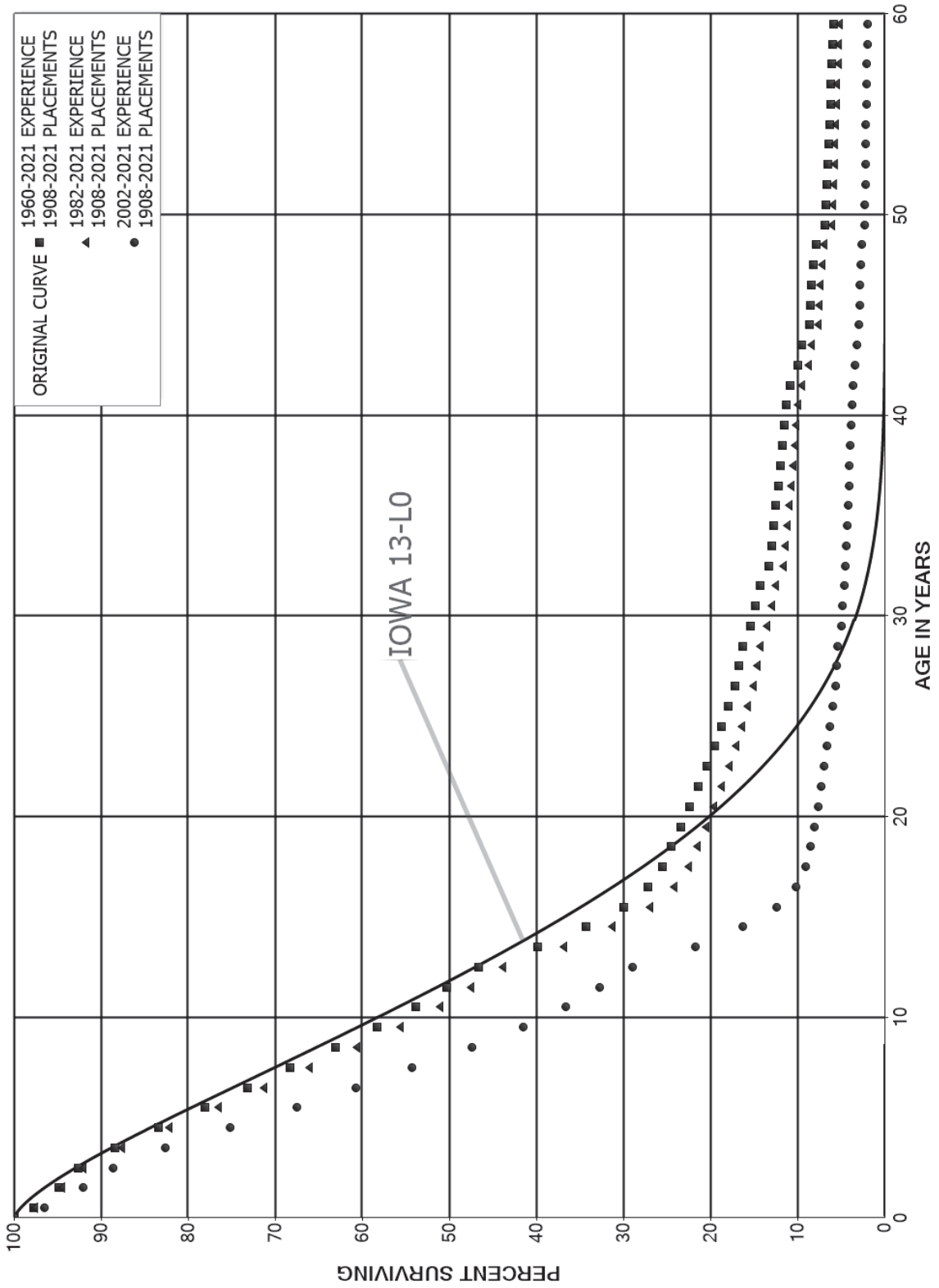
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1950-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	83,502,565	492,310	0.0059	0.9941	82.90
40.5	74,008,003	245,055	0.0033	0.9967	82.41
41.5	67,763,256	245,040	0.0036	0.9964	82.14
42.5	59,919,420	163,432	0.0027	0.9973	81.84
43.5	53,462,301	171,922	0.0032	0.9968	81.62
44.5	47,156,439	181,614	0.0039	0.9961	81.36
45.5	42,416,886	185,214	0.0044	0.9956	81.05
46.5	40,736,765	235,480	0.0058	0.9942	80.69
47.5	34,748,192	306,230	0.0088	0.9912	80.23
48.5	30,296,822	363,210	0.0120	0.9880	79.52
49.5	25,611,215	135,650	0.0053	0.9947	78.56
50.5	22,414,313	405,546	0.0181	0.9819	78.15
51.5	21,266,807	138,222	0.0065	0.9935	76.73
52.5	17,876,307	114,251	0.0064	0.9936	76.24
53.5	17,015,522	107,043	0.0063	0.9937	75.75
54.5	14,680,717	101,846	0.0069	0.9931	75.27
55.5	12,786,420	204,574	0.0160	0.9840	74.75
56.5	12,095,717	141,094	0.0117	0.9883	73.55
57.5	10,266,700	136,310	0.0133	0.9867	72.70
58.5	8,994,389	220,087	0.0245	0.9755	71.73
59.5	7,404,862	107,480	0.0145	0.9855	69.98
60.5	6,015,899	33,609	0.0056	0.9944	68.96
61.5					68.57

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 370.00 METERS AND METERING EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	854,429,920	19,157,252	0.0224	0.9776	100.00
0.5	745,219,467	22,296,395	0.0299	0.9701	97.76
1.5	674,871,739	15,928,774	0.0236	0.9764	94.83
2.5	633,309,128	28,482,577	0.0450	0.9550	92.59
3.5	598,561,100	33,823,570	0.0565	0.9435	88.43
4.5	569,464,890	36,299,183	0.0637	0.9363	83.43
5.5	542,184,074	34,164,344	0.0630	0.9370	78.12
6.5	508,875,251	34,025,676	0.0669	0.9331	73.19
7.5	465,959,110	35,389,199	0.0759	0.9241	68.30
8.5	429,885,568	33,129,624	0.0771	0.9229	63.11
9.5	394,656,924	29,870,938	0.0757	0.9243	58.25
10.5	363,902,319	24,108,375	0.0662	0.9338	53.84
11.5	338,847,790	24,817,730	0.0732	0.9268	50.27
12.5	312,892,488	45,378,312	0.1450	0.8550	46.59
13.5	266,137,815	37,161,412	0.1396	0.8604	39.83
14.5	227,799,633	28,410,751	0.1247	0.8753	34.27
15.5	198,846,595	18,650,122	0.0938	0.9062	30.00
16.5	179,463,464	11,129,608	0.0620	0.9380	27.18
17.5	166,973,326	6,777,222	0.0406	0.9594	25.50
18.5	159,550,123	7,246,693	0.0454	0.9546	24.46
19.5	149,610,003	6,251,858	0.0418	0.9582	23.35
20.5	141,657,106	6,171,337	0.0436	0.9564	22.38
21.5	134,767,779	6,316,808	0.0469	0.9531	21.40
22.5	127,196,935	5,259,313	0.0413	0.9587	20.40
23.5	120,260,312	4,953,747	0.0412	0.9588	19.55
24.5	113,362,662	4,820,570	0.0425	0.9575	18.75
25.5	105,750,156	4,686,802	0.0443	0.9557	17.95
26.5	98,516,394	2,539,592	0.0258	0.9742	17.16
27.5	92,862,296	2,219,372	0.0239	0.9761	16.71
28.5	88,598,084	5,252,221	0.0593	0.9407	16.31
29.5	80,712,146	2,937,872	0.0364	0.9636	15.35
30.5	74,631,324	2,454,563	0.0329	0.9671	14.79
31.5	70,952,169	5,149,646	0.0726	0.9274	14.30
32.5	62,881,730	1,219,670	0.0194	0.9806	13.26
33.5	58,124,516	1,222,778	0.0210	0.9790	13.01
34.5	53,870,346	1,023,402	0.0190	0.9810	12.73
35.5	49,674,672	1,086,871	0.0219	0.9781	12.49
36.5	44,473,836	856,319	0.0193	0.9807	12.22
37.5	40,224,240	781,460	0.0194	0.9806	11.98
38.5	36,275,468	614,580	0.0169	0.9831	11.75

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	33,123,344	760,264	0.0230	0.9770	11.55
40.5	29,853,213	1,258,396	0.0422	0.9578	11.29
41.5	26,670,796	2,240,526	0.0840	0.9160	10.81
42.5	22,456,072	847,488	0.0377	0.9623	9.90
43.5	20,065,661	1,810,806	0.0902	0.9098	9.53
44.5	16,904,331	381,895	0.0226	0.9774	8.67
45.5	15,129,271	136,388	0.0090	0.9910	8.47
46.5	14,705,131	483,339	0.0329	0.9671	8.40
47.5	12,353,601	361,483	0.0293	0.9707	8.12
48.5	10,995,556	1,458,027	0.1326	0.8674	7.88
49.5	8,685,452	140,587	0.0162	0.9838	6.84
50.5	7,800,650	143,580	0.0184	0.9816	6.73
51.5	6,893,515	105,546	0.0153	0.9847	6.60
52.5	6,221,629	79,226	0.0127	0.9873	6.50
53.5	5,728,587	90,586	0.0158	0.9842	6.42
54.5	5,188,585	81,735	0.0158	0.9842	6.32
55.5	4,704,269	56,695	0.0121	0.9879	6.22
56.5	4,344,378	93,899	0.0216	0.9784	6.14
57.5	3,934,758	59,052	0.0150	0.9850	6.01
58.5	3,547,683	57,551	0.0162	0.9838	5.92
59.5	3,173,329	44,691	0.0141	0.9859	5.82
60.5	2,882,033	438,956	0.1523	0.8477	5.74
61.5	2,281		0.0000	1.0000	4.87
62.5	2,281		0.0000	1.0000	4.87
63.5	2,281		0.0000	1.0000	4.87
64.5	2,240		0.0000	1.0000	4.87
65.5	929		0.0000	1.0000	4.87
66.5	929		0.0000	1.0000	4.87
67.5	238		0.0000	1.0000	4.87
68.5	238		0.0000	1.0000	4.87
69.5	238		0.0000	1.0000	4.87
70.5	238	122	0.5126	0.4874	4.87
71.5	238		0.0000	1.0000	2.37
72.5	238		0.0000	1.0000	2.37
73.5	238		0.0000	1.0000	2.37
74.5	238		0.0000	1.0000	2.37
75.5	238		0.0000	1.0000	2.37
76.5	238		0.0000	1.0000	2.37
77.5	238		0.0000	1.0000	2.37
78.5	238		0.0000	1.0000	2.37
79.5					2.37

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1982-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	770,955,528	19,152,199	0.0248	0.9752	100.00
0.5	668,818,991	21,720,119	0.0325	0.9675	97.52
1.5	605,102,052	15,277,316	0.0252	0.9748	94.35
2.5	570,556,030	27,951,576	0.0490	0.9510	91.97
3.5	540,963,344	33,273,649	0.0615	0.9385	87.46
4.5	515,263,987	35,800,260	0.0695	0.9305	82.08
5.5	492,958,179	33,682,741	0.0683	0.9317	76.38
6.5	461,276,466	33,497,518	0.0726	0.9274	71.16
7.5	424,014,109	35,125,509	0.0828	0.9172	65.99
8.5	391,474,637	32,551,118	0.0832	0.9168	60.53
9.5	359,354,592	29,293,731	0.0815	0.9185	55.49
10.5	330,947,647	23,187,631	0.0701	0.9299	50.97
11.5	308,252,913	24,153,804	0.0784	0.9216	47.40
12.5	284,176,634	44,965,668	0.1582	0.8418	43.68
13.5	238,729,710	36,652,824	0.1535	0.8465	36.77
14.5	201,651,136	27,947,511	0.1386	0.8614	31.13
15.5	173,964,183	18,037,250	0.1037	0.8963	26.81
16.5	155,913,693	10,720,292	0.0688	0.9312	24.03
17.5	144,642,870	6,346,333	0.0439	0.9561	22.38
18.5	138,447,209	6,644,552	0.0480	0.9520	21.40
19.5	130,272,021	5,670,819	0.0435	0.9565	20.37
20.5	123,796,603	5,533,218	0.0447	0.9553	19.48
21.5	134,762,937	6,316,808	0.0469	0.9531	18.61
22.5	127,192,274	5,259,313	0.0413	0.9587	17.74
23.5	120,255,651	4,953,747	0.0412	0.9588	17.01
24.5	113,359,507	4,820,570	0.0425	0.9575	16.31
25.5	105,747,001	4,686,802	0.0443	0.9557	15.61
26.5	98,513,239	2,539,592	0.0258	0.9742	14.92
27.5	92,859,208	2,219,372	0.0239	0.9761	14.54
28.5	88,596,947	5,252,221	0.0593	0.9407	14.19
29.5	80,711,009	2,937,872	0.0364	0.9636	13.35
30.5	74,631,324	2,454,563	0.0329	0.9671	12.86
31.5	70,952,169	5,149,646	0.0726	0.9274	12.44
32.5	62,881,730	1,219,670	0.0194	0.9806	11.54
33.5	58,124,516	1,222,778	0.0210	0.9790	11.31
34.5	53,870,346	1,023,402	0.0190	0.9810	11.07
35.5	49,674,672	1,086,871	0.0219	0.9781	10.86
36.5	44,473,836	856,319	0.0193	0.9807	10.63
37.5	40,224,240	781,460	0.0194	0.9806	10.42
38.5	36,275,468	614,580	0.0169	0.9831	10.22

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1982-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	33,123,344	760,264	0.0230	0.9770	10.05
40.5	29,853,213	1,258,396	0.0422	0.9578	9.82
41.5	26,670,796	2,240,526	0.0840	0.9160	9.40
42.5	22,456,072	847,488	0.0377	0.9623	8.61
43.5	20,065,661	1,810,806	0.0902	0.9098	8.29
44.5	16,904,331	381,895	0.0226	0.9774	7.54
45.5	15,129,271	136,388	0.0090	0.9910	7.37
46.5	14,705,131	483,339	0.0329	0.9671	7.30
47.5	12,353,601	361,483	0.0293	0.9707	7.06
48.5	10,995,556	1,458,027	0.1326	0.8674	6.86
49.5	8,685,452	140,587	0.0162	0.9838	5.95
50.5	7,800,650	143,580	0.0184	0.9816	5.85
51.5	6,893,277	105,546	0.0153	0.9847	5.74
52.5	6,221,391	79,226	0.0127	0.9873	5.65
53.5	5,728,349	90,586	0.0158	0.9842	5.58
54.5	5,188,347	81,735	0.0158	0.9842	5.49
55.5	4,704,031	56,695	0.0121	0.9879	5.41
56.5	4,344,140	93,899	0.0216	0.9784	5.34
57.5	3,934,520	59,052	0.0150	0.9850	5.23
58.5	3,547,445	57,551	0.0162	0.9838	5.15
59.5	3,173,091	44,691	0.0141	0.9859	5.07
60.5	2,881,795	438,956	0.1523	0.8477	4.99
61.5	2,043		0.0000	1.0000	4.23
62.5	2,043		0.0000	1.0000	4.23
63.5	2,043		0.0000	1.0000	4.23
64.5	2,002		0.0000	1.0000	4.23
65.5	691		0.0000	1.0000	4.23
66.5	691		0.0000	1.0000	4.23
67.5					4.23
68.5					
69.5					
70.5					
71.5					
72.5					
73.5	238		0.0000		
74.5	238		0.0000		
75.5	238		0.0000		
76.5	238		0.0000		
77.5	238		0.0000		
78.5	238		0.0000		
79.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	528,862,301	18,568,971	0.0351	0.9649	100.00
0.5	438,275,545	20,252,875	0.0462	0.9538	96.49
1.5	385,713,828	14,192,407	0.0368	0.9632	92.03
2.5	353,386,582	23,976,216	0.0678	0.9322	88.64
3.5	334,656,232	30,082,655	0.0899	0.9101	82.63
4.5	321,576,090	32,875,563	0.1022	0.8978	75.20
5.5	309,472,874	31,219,024	0.1009	0.8991	67.51
6.5	288,915,390	30,796,761	0.1066	0.8934	60.70
7.5	259,149,214	32,436,118	0.1252	0.8748	54.23
8.5	239,646,436	30,022,803	0.1253	0.8747	47.44
9.5	215,325,473	25,629,781	0.1190	0.8810	41.50
10.5	196,194,403	20,420,823	0.1041	0.8959	36.56
11.5	189,114,195	22,287,260	0.1179	0.8821	32.76
12.5	175,119,943	43,518,441	0.2485	0.7515	28.90
13.5	141,956,989	35,145,905	0.2476	0.7524	21.71
14.5	112,848,557	26,920,433	0.2386	0.7614	16.34
15.5	93,509,934	16,728,314	0.1789	0.8211	12.44
16.5	87,436,060	9,802,752	0.1121	0.8879	10.22
17.5	81,759,896	4,660,712	0.0570	0.9430	9.07
18.5	83,258,296	4,958,046	0.0596	0.9404	8.55
19.5	83,393,947	4,075,772	0.0489	0.9511	8.04
20.5	83,464,882	3,919,593	0.0470	0.9530	7.65
21.5	83,117,105	4,138,970	0.0498	0.9502	7.29
22.5	82,692,627	4,174,420	0.0505	0.9495	6.93
23.5	80,623,839	4,224,401	0.0524	0.9476	6.58
24.5	76,823,898	3,770,222	0.0491	0.9509	6.23
25.5	72,193,880	3,791,537	0.0525	0.9475	5.93
26.5	66,620,968	1,765,482	0.0265	0.9735	5.62
27.5	65,347,146	1,278,117	0.0196	0.9804	5.47
28.5	64,167,435	4,635,746	0.0722	0.9278	5.36
29.5	58,433,726	2,250,140	0.0385	0.9615	4.97
30.5	53,975,435	2,152,869	0.0399	0.9601	4.78
31.5	51,561,084	1,285,431	0.0249	0.9751	4.59
32.5	48,122,882	1,001,741	0.0208	0.9792	4.48
33.5	44,182,906	794,431	0.0180	0.9820	4.38
34.5	40,924,230	849,571	0.0208	0.9792	4.30
35.5	37,435,118	883,273	0.0236	0.9764	4.22
36.5	32,878,890	699,365	0.0213	0.9787	4.12
37.5	29,226,189	615,582	0.0211	0.9789	4.03
38.5	25,906,790	504,429	0.0195	0.9805	3.94

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

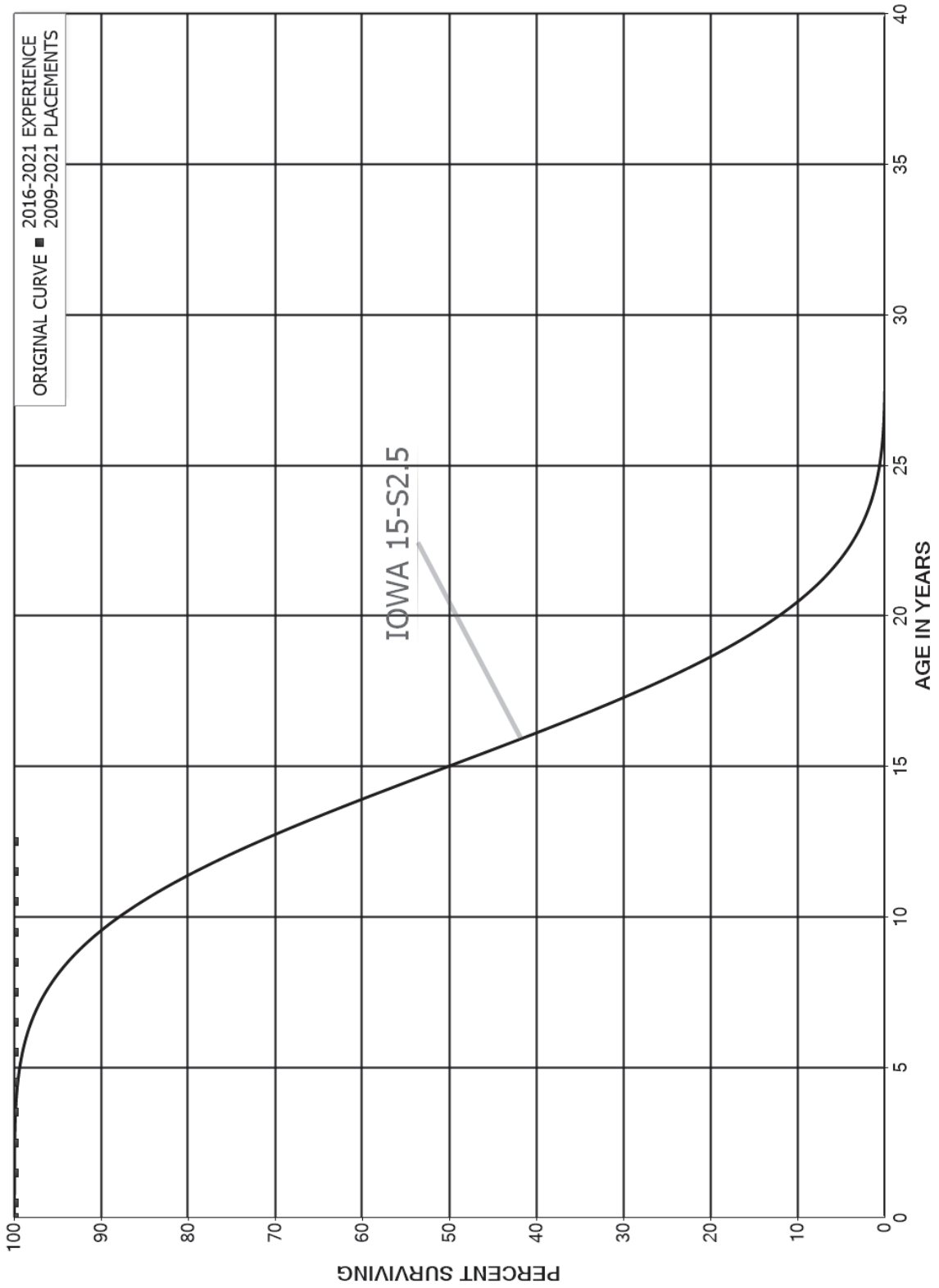
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	23,722,932	635,404	0.0268	0.9732	3.87
40.5	21,292,736	652,081	0.0306	0.9694	3.76
41.5	26,665,954	2,240,471	0.0840	0.9160	3.65
42.5	22,451,411	847,488	0.0377	0.9623	3.34
43.5	20,061,000	1,810,368	0.0902	0.9098	3.22
44.5	16,901,176	381,895	0.0226	0.9774	2.93
45.5	15,126,116	136,388	0.0090	0.9910	2.86
46.5	14,701,976	483,313	0.0329	0.9671	2.83
47.5	12,350,513	360,911	0.0292	0.9708	2.74
48.5	10,994,419	1,458,027	0.1326	0.8674	2.66
49.5	8,684,315	140,324	0.0162	0.9838	2.31
50.5	7,800,650	143,580	0.0184	0.9816	2.27
51.5	6,893,277	105,546	0.0153	0.9847	2.23
52.5	6,221,391	79,226	0.0127	0.9873	2.19
53.5	5,728,349	90,586	0.0158	0.9842	2.17
54.5	5,188,347	81,735	0.0158	0.9842	2.13
55.5	4,704,031	56,695	0.0121	0.9879	2.10
56.5	4,344,140	93,899	0.0216	0.9784	2.07
57.5	3,934,520	59,052	0.0150	0.9850	2.03
58.5	3,547,445	57,551	0.0162	0.9838	2.00
59.5	3,173,091	44,691	0.0141	0.9859	1.97
60.5	2,881,795	438,956	0.1523	0.8477	1.94
61.5	2,043		0.0000	1.0000	1.64
62.5	2,043		0.0000	1.0000	1.64
63.5	2,043		0.0000	1.0000	1.64
64.5	2,002		0.0000	1.0000	1.64
65.5	691		0.0000	1.0000	1.64
66.5	691		0.0000	1.0000	1.64
67.5					1.64

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 370.02 METERS - UTILITY OF THE FUTURE
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.02 METERS - UTILITY OF THE FUTURE

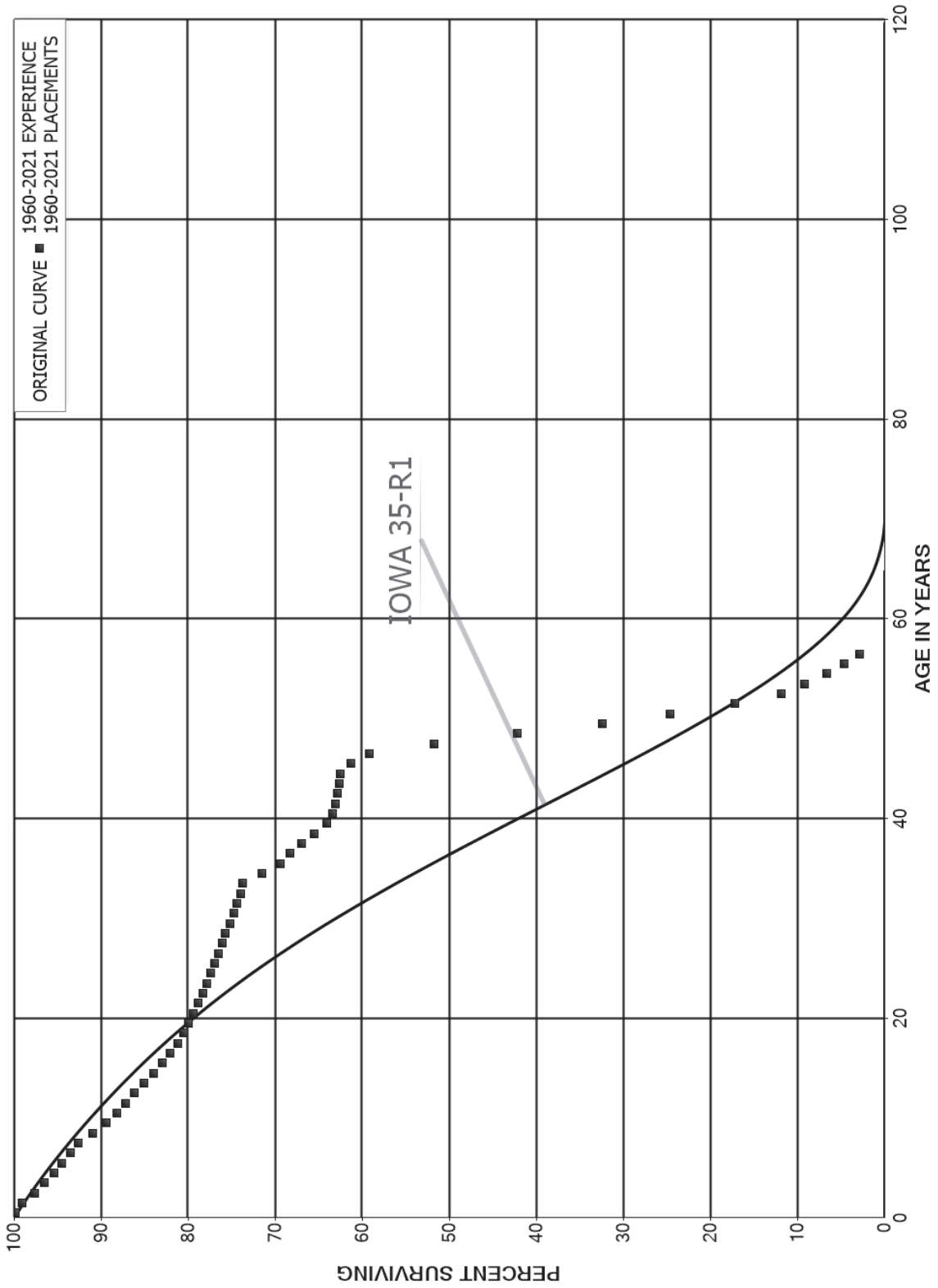
ORIGINAL LIFE TABLE

PLACEMENT BAND 2009-2021 EXPERIENCE BAND 2016-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	389,978,038		0.0000	1.0000	100.00
0.5	397,192,176		0.0000	1.0000	100.00
1.5	485,941,933		0.0000	1.0000	100.00
2.5	240,584,444		0.0000	1.0000	100.00
3.5	202,610,418		0.0000	1.0000	100.00
4.5	85,328,506		0.0000	1.0000	100.00
5.5	2,919,711		0.0000	1.0000	100.00
6.5	4,157,038		0.0000	1.0000	100.00
7.5	12,066,634		0.0000	1.0000	100.00
8.5	11,984,387		0.0000	1.0000	100.00
9.5	11,978,567		0.0000	1.0000	100.00
10.5	11,978,567		0.0000	1.0000	100.00
11.5	11,733,367		0.0000	1.0000	100.00
12.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,229,053,894	1,629,595	0.0013	0.9987	100.00
0.5	874,573,174	6,897,919	0.0079	0.9921	99.87
1.5	910,519,688	13,786,473	0.0151	0.9849	99.08
2.5	886,413,075	10,096,032	0.0114	0.9886	97.58
3.5	902,046,428	9,961,906	0.0110	0.9890	96.47
4.5	868,885,491	7,832,329	0.0090	0.9910	95.40
5.5	808,697,223	8,826,322	0.0109	0.9891	94.54
6.5	755,991,944	7,178,847	0.0095	0.9905	93.51
7.5	712,362,876	12,488,224	0.0175	0.9825	92.62
8.5	671,780,796	12,137,839	0.0181	0.9819	91.00
9.5	630,323,087	8,038,775	0.0128	0.9872	89.36
10.5	584,057,921	6,548,908	0.0112	0.9888	88.22
11.5	560,109,105	6,880,394	0.0123	0.9877	87.23
12.5	525,703,871	6,893,761	0.0131	0.9869	86.15
13.5	476,670,095	5,771,935	0.0121	0.9879	85.03
14.5	430,649,068	5,489,014	0.0127	0.9873	84.00
15.5	391,145,713	3,993,276	0.0102	0.9898	82.92
16.5	361,071,252	3,983,744	0.0110	0.9890	82.08
17.5	318,878,606	2,687,263	0.0084	0.9916	81.17
18.5	293,940,916	2,020,134	0.0069	0.9931	80.49
19.5	266,810,331	1,851,910	0.0069	0.9931	79.94
20.5	248,432,717	1,869,960	0.0075	0.9925	79.38
21.5	221,384,926	1,390,667	0.0063	0.9937	78.78
22.5	200,492,748	1,239,057	0.0062	0.9938	78.29
23.5	179,519,580	914,444	0.0051	0.9949	77.80
24.5	160,983,744	910,083	0.0057	0.9943	77.41
25.5	147,309,876	927,087	0.0063	0.9937	76.97
26.5	133,888,016	703,874	0.0053	0.9947	76.49
27.5	121,250,395	554,956	0.0046	0.9954	76.08
28.5	106,475,851	816,819	0.0077	0.9923	75.74
29.5	94,851,236	586,154	0.0062	0.9938	75.15
30.5	78,924,855	333,315	0.0042	0.9958	74.69
31.5	65,960,301	325,905	0.0049	0.9951	74.37
32.5	57,584,199	219,870	0.0038	0.9962	74.01
33.5	48,615,919	1,466,424	0.0302	0.9698	73.72
34.5	40,312,804	1,215,330	0.0301	0.9699	71.50
35.5	34,239,994	535,820	0.0156	0.9844	69.35
36.5	29,465,719	584,683	0.0198	0.9802	68.26
37.5	25,412,033	526,368	0.0207	0.9793	66.91
38.5	23,759,093	546,116	0.0230	0.9770	65.52

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

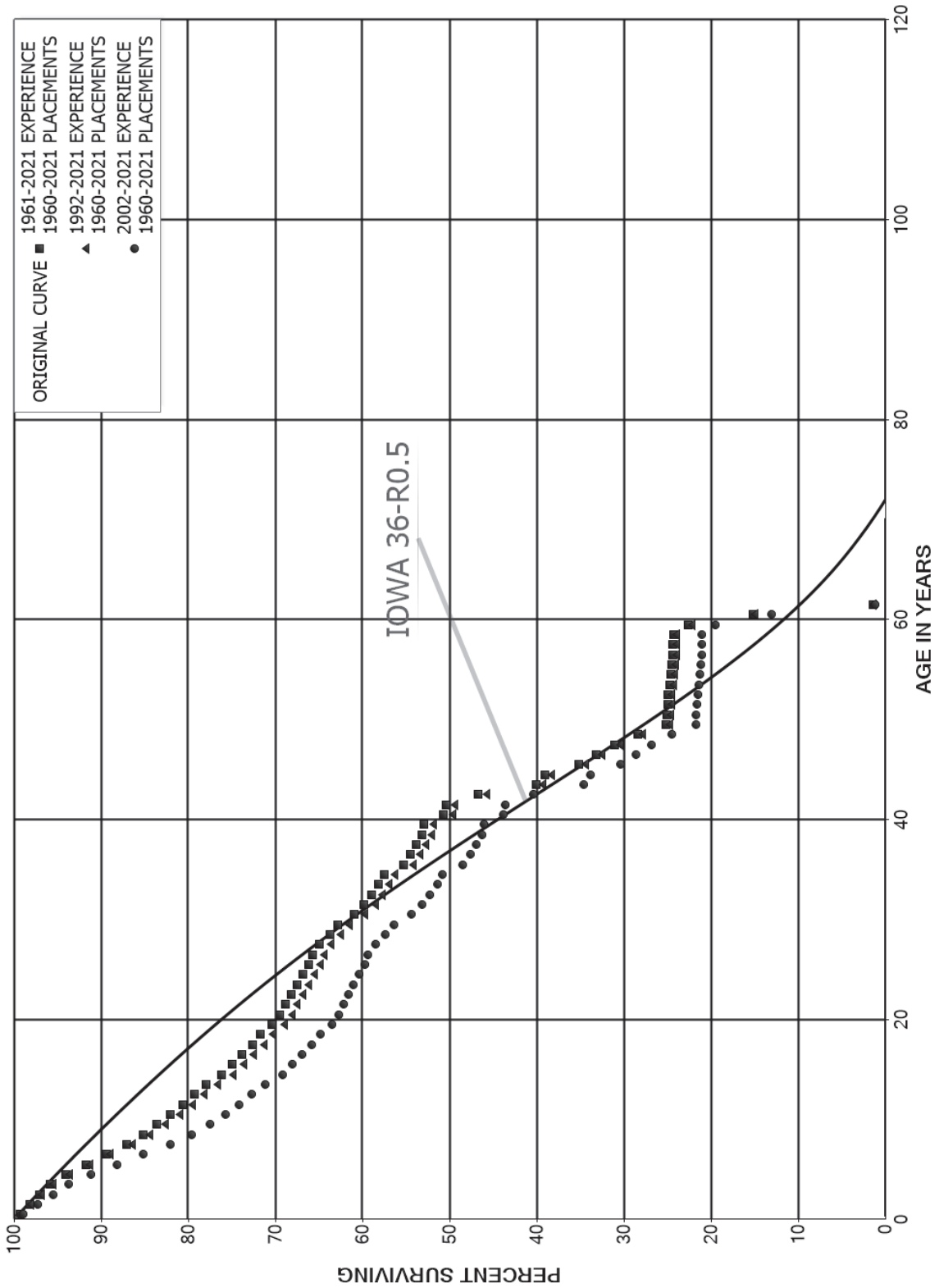
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	21,521,858	221,876	0.0103	0.9897	64.01
40.5	19,460,380	92,640	0.0048	0.9952	63.35
41.5	18,756,763	75,239	0.0040	0.9960	63.05
42.5	17,676,094	36,990	0.0021	0.9979	62.80
43.5	16,936,270	41,676	0.0025	0.9975	62.67
44.5	16,014,166	328,042	0.0205	0.9795	62.51
45.5	14,896,980	491,120	0.0330	0.9670	61.23
46.5	14,369,021	1,820,881	0.1267	0.8733	59.21
47.5	11,418,470	2,115,383	0.1853	0.8147	51.71
48.5	9,636,576	2,232,673	0.2317	0.7683	42.13
49.5	7,403,903	1,762,325	0.2380	0.7620	32.37
50.5	5,641,578	1,709,268	0.3030	0.6970	24.66
51.5	3,582,953	1,119,226	0.3124	0.6876	17.19
52.5	2,463,728	553,977	0.2249	0.7751	11.82
53.5	1,909,751	529,166	0.2771	0.7229	9.16
54.5	1,380,585	417,696	0.3026	0.6974	6.62
55.5	1,003,108	383,014	0.3818	0.6182	4.62
56.5	620,094	285,927	0.4611	0.5389	2.86
57.5	293,947	150,691	0.5126	0.4874	1.54
58.5	143,256	90,783	0.6337	0.3663	0.75
59.5	52,473	51,093	0.9737	0.0263	0.27
60.5	1,380	1,380	1.0000		0.01
61.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1961-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	466,396,592	3,301,257	0.0071	0.9929	100.00
0.5	329,666,446	3,641,235	0.0110	0.9890	99.29
1.5	310,259,652	3,658,255	0.0118	0.9882	98.20
2.5	304,998,436	3,762,414	0.0123	0.9877	97.04
3.5	299,568,880	5,631,761	0.0188	0.9812	95.84
4.5	279,919,029	6,765,149	0.0242	0.9758	94.04
5.5	262,593,764	6,879,909	0.0262	0.9738	91.77
6.5	246,005,972	6,272,266	0.0255	0.9745	89.36
7.5	232,531,598	5,005,927	0.0215	0.9785	87.08
8.5	220,950,715	4,140,869	0.0187	0.9813	85.21
9.5	210,361,129	3,996,791	0.0190	0.9810	83.61
10.5	194,240,383	3,215,759	0.0166	0.9834	82.02
11.5	190,234,689	3,137,331	0.0165	0.9835	80.67
12.5	182,235,734	3,277,988	0.0180	0.9820	79.33
13.5	171,828,461	3,918,354	0.0228	0.9772	77.91
14.5	160,977,261	2,422,294	0.0150	0.9850	76.13
15.5	152,352,207	2,333,397	0.0153	0.9847	74.99
16.5	144,735,429	2,290,521	0.0158	0.9842	73.84
17.5	135,806,754	1,777,209	0.0131	0.9869	72.67
18.5	130,810,771	2,472,965	0.0189	0.9811	71.72
19.5	123,352,765	1,470,701	0.0119	0.9881	70.36
20.5	117,258,166	1,197,333	0.0102	0.9898	69.52
21.5	109,347,351	972,760	0.0089	0.9911	68.81
22.5	103,703,235	1,013,360	0.0098	0.9902	68.20
23.5	95,526,486	1,046,933	0.0110	0.9890	67.53
24.5	87,831,449	809,925	0.0092	0.9908	66.79
25.5	80,120,222	487,158	0.0061	0.9939	66.18
26.5	74,290,233	917,119	0.0123	0.9877	65.78
27.5	68,311,807	1,265,623	0.0185	0.9815	64.96
28.5	61,682,614	911,855	0.0148	0.9852	63.76
29.5	54,656,517	1,621,766	0.0297	0.9703	62.82
30.5	44,682,573	847,352	0.0190	0.9810	60.95
31.5	37,736,109	515,303	0.0137	0.9863	59.80
32.5	33,585,098	476,648	0.0142	0.9858	58.98
33.5	29,792,971	322,455	0.0108	0.9892	58.14
34.5	27,143,640	1,028,625	0.0379	0.9621	57.52
35.5	22,206,534	311,878	0.0140	0.9860	55.34
36.5	19,989,001	249,844	0.0125	0.9875	54.56
37.5	17,997,186	238,797	0.0133	0.9867	53.88
38.5	16,351,793	53,778	0.0033	0.9967	53.16

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1961-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	14,502,971	621,559	0.0429	0.9571	52.99
40.5	12,978,549	71,260	0.0055	0.9945	50.72
41.5	12,078,005	892,839	0.0739	0.9261	50.44
42.5	10,720,048	1,528,062	0.1425	0.8575	46.71
43.5	8,863,121	210,029	0.0237	0.9763	40.05
44.5	8,007,298	814,941	0.1018	0.8982	39.10
45.5	6,843,997	381,394	0.0557	0.9443	35.12
46.5	6,172,403	399,876	0.0648	0.9352	33.16
47.5	5,200,395	443,552	0.0853	0.9147	31.02
48.5	4,412,516	497,761	0.1128	0.8872	28.37
49.5	3,764,162	8,676	0.0023	0.9977	25.17
50.5	3,583,490	17,369	0.0048	0.9952	25.11
51.5	3,396,628	10,711	0.0032	0.9968	24.99
52.5	1,533,623	8,801	0.0057	0.9943	24.91
53.5	1,435,033	10,197	0.0071	0.9929	24.77
54.5	1,190,153	4,759	0.0040	0.9960	24.59
55.5	841,130	2,393	0.0028	0.9972	24.49
56.5	733,029	1,576	0.0021	0.9979	24.43
57.5	615,820	842	0.0014	0.9986	24.37
58.5	540,456	38,912	0.0720	0.9280	24.34
59.5	391,353	128,564	0.3285	0.6715	22.59
60.5	57,027	51,888	0.9099	0.0901	15.17
61.5					1.37

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	395,517,676	3,294,638	0.0083	0.9917	100.00
0.5	265,455,266	3,224,960	0.0121	0.9879	99.17
1.5	255,841,989	3,328,557	0.0130	0.9870	97.96
2.5	256,545,803	3,468,200	0.0135	0.9865	96.69
3.5	256,046,952	5,177,200	0.0202	0.9798	95.38
4.5	239,458,705	5,974,802	0.0250	0.9750	93.45
5.5	227,265,861	5,738,232	0.0252	0.9748	91.12
6.5	214,375,187	6,097,603	0.0284	0.9716	88.82
7.5	203,045,733	4,845,222	0.0239	0.9761	86.29
8.5	193,235,190	3,972,206	0.0206	0.9794	84.23
9.5	185,403,590	3,804,886	0.0205	0.9795	82.50
10.5	171,374,610	2,996,640	0.0175	0.9825	80.81
11.5	169,454,319	2,911,423	0.0172	0.9828	79.40
12.5	163,696,658	3,116,019	0.0190	0.9810	78.03
13.5	154,665,210	3,783,577	0.0245	0.9755	76.55
14.5	145,033,968	2,269,616	0.0156	0.9844	74.67
15.5	137,261,402	2,167,842	0.0158	0.9842	73.51
16.5	130,326,376	2,192,393	0.0168	0.9832	72.34
17.5	123,040,569	1,635,090	0.0133	0.9867	71.13
18.5	118,824,783	2,361,064	0.0199	0.9801	70.18
19.5	111,879,864	1,356,876	0.0121	0.9879	68.79
20.5	106,454,042	903,418	0.0085	0.9915	67.95
21.5	99,064,226	927,727	0.0094	0.9906	67.38
22.5	96,112,822	991,433	0.0103	0.9897	66.75
23.5	88,104,605	952,412	0.0108	0.9892	66.06
24.5	81,560,566	789,330	0.0097	0.9903	65.34
25.5	75,687,760	470,451	0.0062	0.9938	64.71
26.5	70,096,059	875,112	0.0125	0.9875	64.31
27.5	64,888,901	1,150,919	0.0177	0.9823	63.51
28.5	58,746,201	898,669	0.0153	0.9847	62.38
29.5	52,454,663	1,562,314	0.0298	0.9702	61.43
30.5	43,208,754	843,177	0.0195	0.9805	59.60
31.5	37,736,109	515,303	0.0137	0.9863	58.43
32.5	33,585,098	476,648	0.0142	0.9858	57.64
33.5	29,792,971	322,455	0.0108	0.9892	56.82
34.5	27,143,640	1,028,625	0.0379	0.9621	56.20
35.5	22,206,534	311,878	0.0140	0.9860	54.07
36.5	19,989,001	249,844	0.0125	0.9875	53.31
37.5	17,997,186	238,797	0.0133	0.9867	52.65
38.5	16,351,793	53,778	0.0033	0.9967	51.95

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	14,502,971	621,559	0.0429	0.9571	51.78
40.5	12,978,549	71,260	0.0055	0.9945	49.56
41.5	12,078,005	892,839	0.0739	0.9261	49.29
42.5	10,720,048	1,528,062	0.1425	0.8575	45.64
43.5	8,863,121	210,029	0.0237	0.9763	39.14
44.5	8,007,298	814,941	0.1018	0.8982	38.21
45.5	6,843,997	381,394	0.0557	0.9443	34.32
46.5	6,172,403	399,876	0.0648	0.9352	32.41
47.5	5,200,395	443,552	0.0853	0.9147	30.31
48.5	4,412,516	497,761	0.1128	0.8872	27.72
49.5	3,764,162	8,676	0.0023	0.9977	24.60
50.5	3,583,490	17,369	0.0048	0.9952	24.54
51.5	3,396,628	10,711	0.0032	0.9968	24.42
52.5	1,533,623	8,801	0.0057	0.9943	24.34
53.5	1,435,033	10,197	0.0071	0.9929	24.20
54.5	1,190,153	4,759	0.0040	0.9960	24.03
55.5	841,130	2,393	0.0028	0.9972	23.94
56.5	733,029	1,576	0.0021	0.9979	23.87
57.5	615,820	842	0.0014	0.9986	23.82
58.5	540,456	38,912	0.0720	0.9280	23.78
59.5	391,353	128,564	0.3285	0.6715	22.07
60.5	57,027	51,888	0.9099	0.0901	14.82
61.5					1.34

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	312,191,127	3,223,177	0.0103	0.9897	100.00
0.5	177,799,055	2,962,231	0.0167	0.9833	98.97
1.5	170,759,197	3,152,211	0.0185	0.9815	97.32
2.5	174,177,433	3,211,624	0.0184	0.9816	95.52
3.5	180,907,136	4,991,689	0.0276	0.9724	93.76
4.5	173,414,595	5,764,350	0.0332	0.9668	91.17
5.5	167,652,108	5,571,925	0.0332	0.9668	88.14
6.5	161,032,074	5,890,065	0.0366	0.9634	85.21
7.5	155,737,667	4,724,897	0.0303	0.9697	82.10
8.5	150,311,896	3,874,695	0.0258	0.9742	79.61
9.5	146,572,412	3,551,670	0.0242	0.9758	77.55
10.5	139,880,898	2,796,572	0.0200	0.9800	75.67
11.5	142,847,180	2,797,499	0.0196	0.9804	74.16
12.5	139,088,102	2,960,921	0.0213	0.9787	72.71
13.5	132,552,319	3,673,900	0.0277	0.9723	71.16
14.5	124,499,056	2,058,073	0.0165	0.9835	69.19
15.5	120,526,034	1,916,139	0.0159	0.9841	68.05
16.5	115,410,378	1,991,347	0.0173	0.9827	66.96
17.5	108,696,559	1,546,805	0.0142	0.9858	65.81
18.5	105,500,994	2,266,922	0.0215	0.9785	64.87
19.5	100,735,935	1,248,212	0.0124	0.9876	63.48
20.5	96,629,531	818,596	0.0085	0.9915	62.69
21.5	90,626,986	771,924	0.0085	0.9915	62.16
22.5	87,001,797	875,451	0.0101	0.9899	61.63
23.5	79,987,555	865,626	0.0108	0.9892	61.01
24.5	73,505,694	758,680	0.0103	0.9897	60.35
25.5	66,488,390	427,267	0.0064	0.9936	59.73
26.5	61,182,910	836,004	0.0137	0.9863	59.34
27.5	56,908,769	1,115,823	0.0196	0.9804	58.53
28.5	51,040,698	886,066	0.0174	0.9826	57.39
29.5	44,623,519	1,543,247	0.0346	0.9654	56.39
30.5	35,072,367	833,537	0.0238	0.9762	54.44
31.5	28,325,193	486,268	0.0172	0.9828	53.15
32.5	26,818,638	402,248	0.0150	0.9850	52.23
33.5	23,235,867	272,666	0.0117	0.9883	51.45
34.5	21,686,441	1,018,421	0.0470	0.9530	50.85
35.5	18,562,102	303,868	0.0164	0.9836	48.46
36.5	16,543,003	245,618	0.0148	0.9852	47.66
37.5	15,159,810	222,268	0.0147	0.9853	46.96
38.5	13,899,339	51,851	0.0037	0.9963	46.27

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

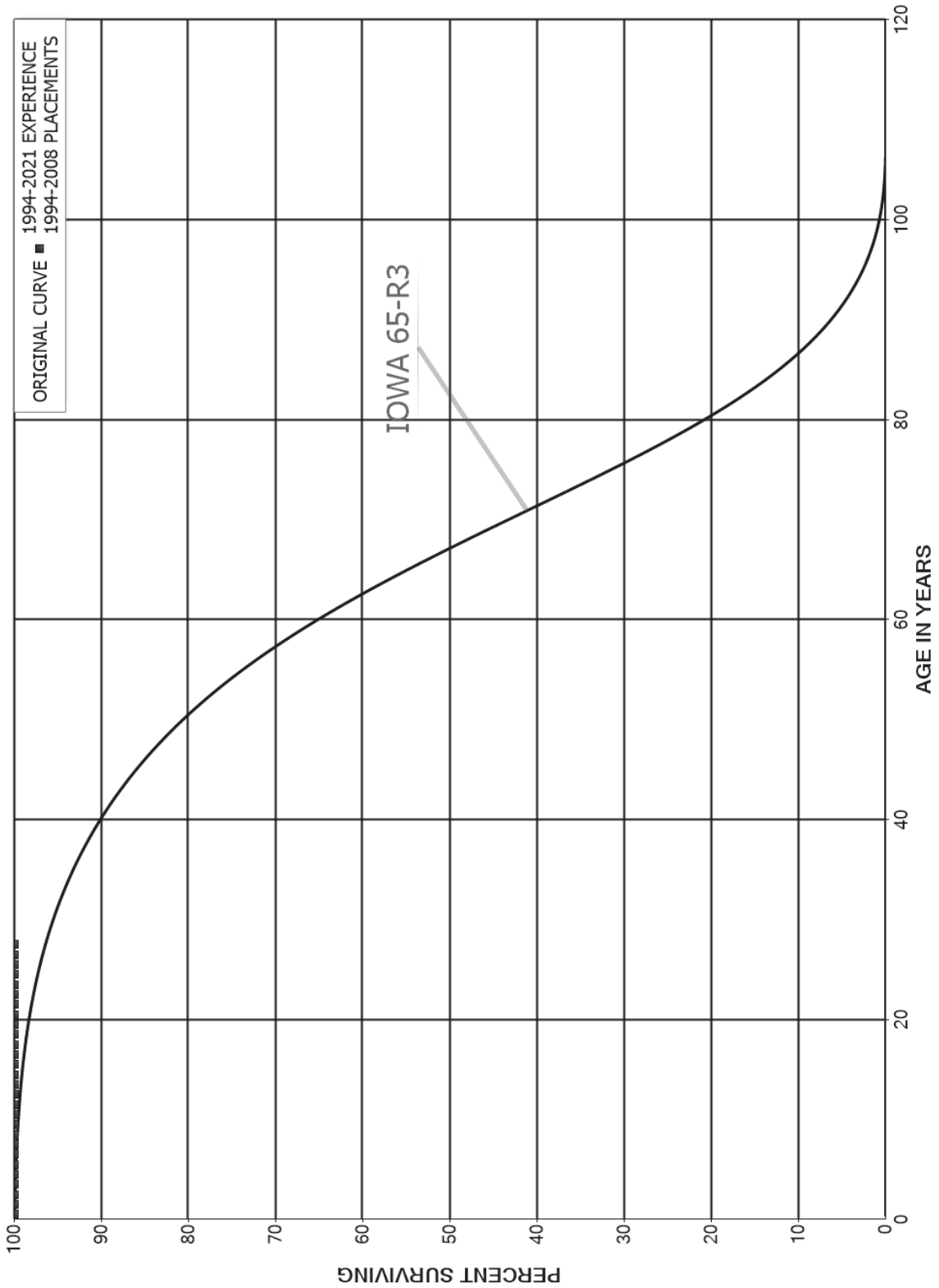
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	12,524,298	619,123	0.0494	0.9506	46.10
40.5	11,662,179	62,295	0.0053	0.9947	43.82
41.5	12,078,005	892,839	0.0739	0.9261	43.58
42.5	10,720,048	1,528,062	0.1425	0.8575	40.36
43.5	8,863,121	210,029	0.0237	0.9763	34.61
44.5	8,007,298	814,941	0.1018	0.8982	33.79
45.5	6,843,997	381,394	0.0557	0.9443	30.35
46.5	6,172,403	399,876	0.0648	0.9352	28.66
47.5	5,200,395	443,552	0.0853	0.9147	26.80
48.5	4,412,516	497,761	0.1128	0.8872	24.52
49.5	3,764,162	8,676	0.0023	0.9977	21.75
50.5	3,583,490	17,369	0.0048	0.9952	21.70
51.5	3,396,628	10,711	0.0032	0.9968	21.59
52.5	1,533,623	8,801	0.0057	0.9943	21.53
53.5	1,435,033	10,197	0.0071	0.9929	21.40
54.5	1,190,153	4,759	0.0040	0.9960	21.25
55.5	841,130	2,393	0.0028	0.9972	21.17
56.5	733,029	1,576	0.0021	0.9979	21.11
57.5	615,820	842	0.0014	0.9986	21.06
58.5	540,456	38,912	0.0720	0.9280	21.03
59.5	391,353	128,564	0.3285	0.6715	19.52
60.5	57,027	51,888	0.9099	0.0901	13.11
61.5					1.18

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNTS 389.00 AND 389.20 RIGHTS OF WAY AND LAND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 389.00 AND 389.20 RIGHTS OF WAY AND LAND RIGHTS

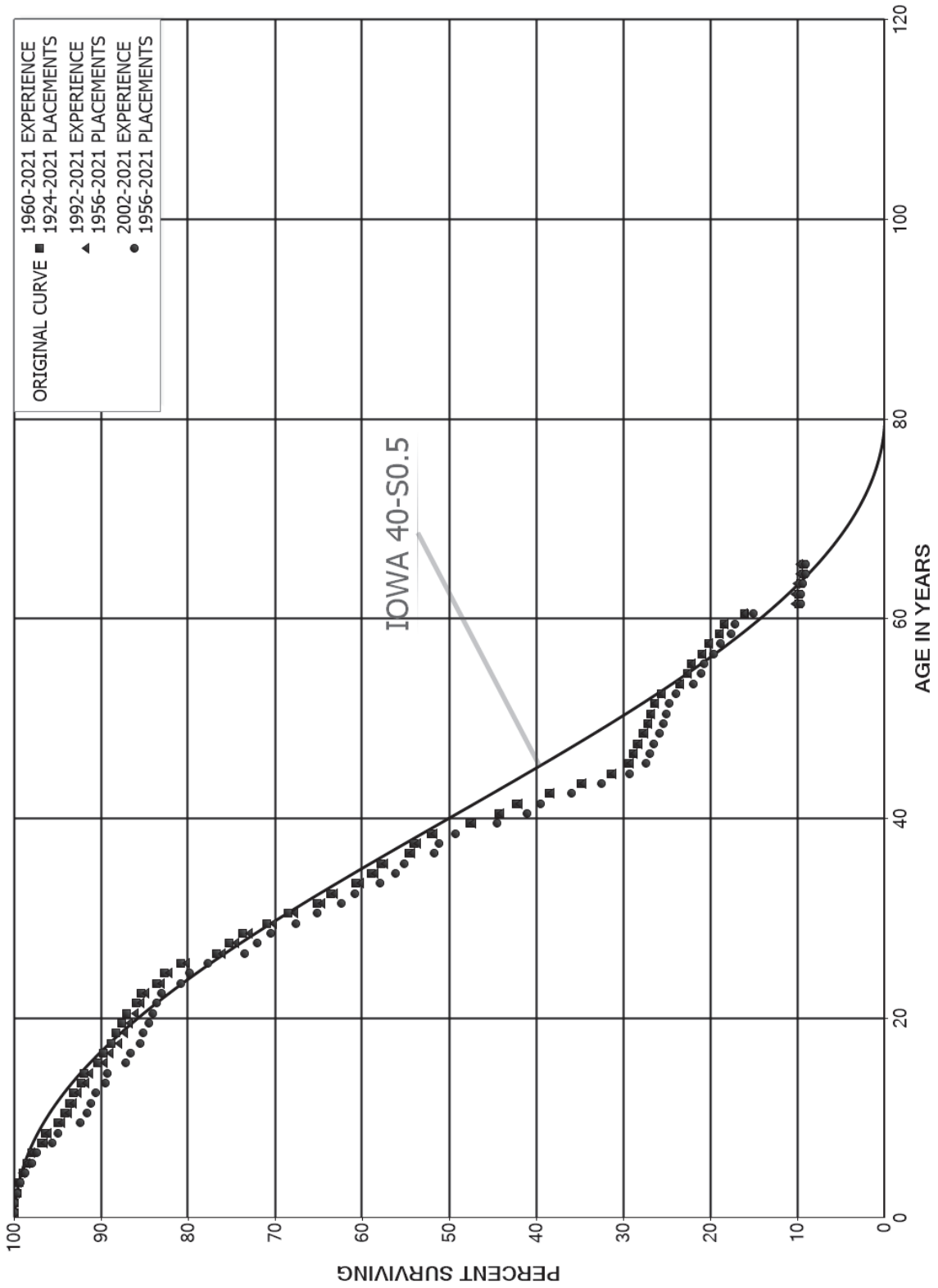
ORIGINAL LIFE TABLE

PLACEMENT BAND 1994-2008 EXPERIENCE BAND 1994-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	550,292		0.0000	1.0000	100.00
0.5	550,292		0.0000	1.0000	100.00
1.5	550,292		0.0000	1.0000	100.00
2.5	550,292		0.0000	1.0000	100.00
3.5	550,292		0.0000	1.0000	100.00
4.5	550,292		0.0000	1.0000	100.00
5.5	550,292		0.0000	1.0000	100.00
6.5	550,292		0.0000	1.0000	100.00
7.5	550,292		0.0000	1.0000	100.00
8.5	550,292		0.0000	1.0000	100.00
9.5	550,292		0.0000	1.0000	100.00
10.5	551,552		0.0000	1.0000	100.00
11.5	551,552		0.0000	1.0000	100.00
12.5	550,292		0.0000	1.0000	100.00
13.5	550,291		0.0000	1.0000	100.00
14.5	550,291		0.0000	1.0000	100.00
15.5	550,291		0.0000	1.0000	100.00
16.5	550,291		0.0000	1.0000	100.00
17.5	550,220		0.0000	1.0000	100.00
18.5	550,220		0.0000	1.0000	100.00
19.5	550,220		0.0000	1.0000	100.00
20.5	550,220		0.0000	1.0000	100.00
21.5	550,220		0.0000	1.0000	100.00
22.5	548,960		0.0000	1.0000	100.00
23.5	548,960		0.0000	1.0000	100.00
24.5	546,636		0.0000	1.0000	100.00
25.5	165		0.0000	1.0000	100.00
26.5	165		0.0000	1.0000	100.00
27.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,028,283,424	38,334	0.0000	1.0000	100.00
0.5	987,763,070	810,553	0.0008	0.9992	100.00
1.5	948,130,976	2,364,891	0.0025	0.9975	99.91
2.5	877,107,672	1,999,079	0.0023	0.9977	99.67
3.5	802,623,003	3,539,993	0.0044	0.9956	99.44
4.5	645,613,938	3,061,165	0.0047	0.9953	99.00
5.5	594,165,962	3,150,648	0.0053	0.9947	98.53
6.5	567,743,731	7,017,819	0.0124	0.9876	98.01
7.5	532,881,383	2,332,041	0.0044	0.9956	96.80
8.5	510,920,342	7,566,755	0.0148	0.9852	96.37
9.5	482,552,445	3,852,551	0.0080	0.9920	94.95
10.5	417,954,174	2,507,688	0.0060	0.9940	94.19
11.5	403,705,973	2,154,256	0.0053	0.9947	93.62
12.5	386,033,747	3,512,782	0.0091	0.9909	93.12
13.5	359,410,605	1,498,757	0.0042	0.9958	92.27
14.5	337,626,385	5,431,913	0.0161	0.9839	91.89
15.5	316,262,313	2,268,059	0.0072	0.9928	90.41
16.5	302,907,930	3,235,719	0.0107	0.9893	89.76
17.5	289,550,944	1,872,811	0.0065	0.9935	88.80
18.5	288,174,455	1,902,615	0.0066	0.9934	88.23
19.5	280,241,718	2,012,701	0.0072	0.9928	87.65
20.5	276,047,990	3,511,806	0.0127	0.9873	87.02
21.5	266,875,981	1,645,533	0.0062	0.9938	85.91
22.5	261,829,771	5,566,036	0.0213	0.9787	85.38
23.5	254,088,446	2,470,314	0.0097	0.9903	83.57
24.5	246,368,593	5,752,310	0.0233	0.9767	82.75
25.5	225,973,835	11,303,927	0.0500	0.9500	80.82
26.5	211,984,724	4,183,573	0.0197	0.9803	76.78
27.5	187,424,399	3,950,259	0.0211	0.9789	75.26
28.5	182,282,923	6,639,316	0.0364	0.9636	73.68
29.5	170,212,144	6,003,007	0.0353	0.9647	70.99
30.5	139,787,309	6,801,822	0.0487	0.9513	68.49
31.5	130,241,579	3,011,200	0.0231	0.9769	65.16
32.5	108,366,524	5,051,255	0.0466	0.9534	63.65
33.5	94,162,535	2,704,359	0.0287	0.9713	60.68
34.5	68,619,802	1,279,746	0.0186	0.9814	58.94
35.5	62,849,490	3,473,518	0.0553	0.9447	57.84
36.5	49,215,695	552,362	0.0112	0.9888	54.65
37.5	48,193,193	1,708,845	0.0355	0.9645	54.03
38.5	45,714,096	3,917,903	0.0857	0.9143	52.12

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	41,016,286	2,866,563	0.0699	0.9301	47.65
40.5	33,965,765	1,586,039	0.0467	0.9533	44.32
41.5	27,839,333	2,456,268	0.0882	0.9118	42.25
42.5	24,469,314	2,336,064	0.0955	0.9045	38.52
43.5	21,704,686	2,157,570	0.0994	0.9006	34.84
44.5	6,634,410	430,788	0.0649	0.9351	31.38
45.5	6,187,296	97,457	0.0158	0.9842	29.34
46.5	2,450,504	42,213	0.0172	0.9828	28.88
47.5	2,355,814	57,160	0.0243	0.9757	28.38
48.5	2,036,212	37,096	0.0182	0.9818	27.69
49.5	1,892,559	23,935	0.0126	0.9874	27.19
50.5	1,538,575	24,542	0.0160	0.9840	26.85
51.5	1,481,937	46,597	0.0314	0.9686	26.42
52.5	987,440	80,582	0.0816	0.9184	25.59
53.5	827,710	33,010	0.0399	0.9601	23.50
54.5	782,409	12,001	0.0153	0.9847	22.56
55.5	751,654	42,578	0.0566	0.9434	22.22
56.5	708,596	27,105	0.0383	0.9617	20.96
57.5	681,491	42,290	0.0621	0.9379	20.16
58.5	567,335	16,447	0.0290	0.9710	18.91
59.5	213,137	26,330	0.1235	0.8765	18.36
60.5	186,807	72,069	0.3858	0.6142	16.09
61.5	7,632	15	0.0020	0.9980	9.88
62.5	7,617	154	0.0202	0.9798	9.86
63.5	6,080	222	0.0364	0.9636	9.66
64.5	5,858		0.0000	1.0000	9.31
65.5					9.31

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1956-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	709,152,474		0.0000	1.0000	100.00
0.5	704,756,049	214,385	0.0003	0.9997	100.00
1.5	678,240,045	2,221,590	0.0033	0.9967	99.97
2.5	684,086,913	1,742,629	0.0025	0.9975	99.64
3.5	622,275,128	2,943,072	0.0047	0.9953	99.39
4.5	505,230,683	2,728,199	0.0054	0.9946	98.92
5.5	465,180,643	2,544,002	0.0055	0.9945	98.38
6.5	459,553,448	6,569,959	0.0143	0.9857	97.85
7.5	435,821,330	2,052,018	0.0047	0.9953	96.45
8.5	418,714,832	7,129,945	0.0170	0.9830	95.99
9.5	395,171,308	2,892,789	0.0073	0.9927	94.36
10.5	339,982,352	2,261,417	0.0067	0.9933	93.67
11.5	334,180,387	1,964,381	0.0059	0.9941	93.04
12.5	322,542,956	3,200,809	0.0099	0.9901	92.50
13.5	300,507,710	1,402,391	0.0047	0.9953	91.58
14.5	301,123,757	5,405,050	0.0179	0.9821	91.15
15.5	282,635,614	2,188,014	0.0077	0.9923	89.52
16.5	274,380,622	3,143,032	0.0115	0.9885	88.82
17.5	263,167,208	1,744,435	0.0066	0.9934	87.81
18.5	260,764,700	1,832,384	0.0070	0.9930	87.22
19.5	258,165,268	1,937,355	0.0075	0.9925	86.61
20.5	254,846,683	1,937,574	0.0076	0.9924	85.96
21.5	250,962,483	1,561,174	0.0062	0.9938	85.31
22.5	248,869,651	5,486,132	0.0220	0.9780	84.78
23.5	242,278,689	2,442,982	0.0101	0.9899	82.91
24.5	234,912,117	5,742,967	0.0244	0.9756	82.07
25.5	215,037,994	11,084,163	0.0515	0.9485	80.07
26.5	201,873,532	4,071,111	0.0202	0.9798	75.94
27.5	178,462,507	3,874,202	0.0217	0.9783	74.41
28.5	174,447,873	6,522,142	0.0374	0.9626	72.79
29.5	163,132,422	5,741,869	0.0352	0.9648	70.07
30.5	133,671,396	6,061,247	0.0453	0.9547	67.60
31.5	130,231,317	3,011,200	0.0231	0.9769	64.54
32.5	108,356,262	5,051,255	0.0466	0.9534	63.05
33.5	94,153,694	2,704,359	0.0287	0.9713	60.11
34.5	68,613,568	1,279,746	0.0187	0.9813	58.38
35.5	62,849,490	3,473,518	0.0553	0.9447	57.29
36.5	49,215,695	552,362	0.0112	0.9888	54.13
37.5	48,193,193	1,708,845	0.0355	0.9645	53.52
38.5	45,714,096	3,917,903	0.0857	0.9143	51.62

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1956-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	41,016,286	2,866,563	0.0699	0.9301	47.20
40.5	33,965,765	1,586,039	0.0467	0.9533	43.90
41.5	27,839,333	2,456,268	0.0882	0.9118	41.85
42.5	24,469,314	2,336,064	0.0955	0.9045	38.16
43.5	21,704,686	2,157,570	0.0994	0.9006	34.51
44.5	6,634,410	430,788	0.0649	0.9351	31.08
45.5	6,187,296	97,457	0.0158	0.9842	29.06
46.5	2,450,504	42,213	0.0172	0.9828	28.61
47.5	2,355,814	57,160	0.0243	0.9757	28.11
48.5	2,036,212	37,096	0.0182	0.9818	27.43
49.5	1,892,559	23,935	0.0126	0.9874	26.93
50.5	1,538,575	24,542	0.0160	0.9840	26.59
51.5	1,481,937	46,597	0.0314	0.9686	26.17
52.5	987,440	80,582	0.0816	0.9184	25.34
53.5	827,710	33,010	0.0399	0.9601	23.28
54.5	782,409	12,001	0.0153	0.9847	22.35
55.5	751,654	42,578	0.0566	0.9434	22.00
56.5	708,596	27,105	0.0383	0.9617	20.76
57.5	681,491	42,290	0.0621	0.9379	19.96
58.5	567,335	16,447	0.0290	0.9710	18.73
59.5	213,137	26,330	0.1235	0.8765	18.18
60.5	186,807	67,479	0.3612	0.6388	15.94
61.5	7,632	15	0.0020	0.9980	10.18
62.5	7,617	154	0.0202	0.9798	10.16
63.5	6,080	222	0.0364	0.9636	9.95
64.5	5,858		0.0000	1.0000	9.59
65.5					9.59

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1956-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	602,679,913		0.0000	1.0000	100.00
0.5	571,978,759	60,899	0.0001	0.9999	100.00
1.5	538,416,831	2,201,799	0.0041	0.9959	99.99
2.5	486,516,138	1,553,227	0.0032	0.9968	99.58
3.5	436,017,025	2,602,345	0.0060	0.9940	99.26
4.5	286,762,379	2,001,370	0.0070	0.9930	98.67
5.5	264,511,147	1,644,697	0.0062	0.9938	97.98
6.5	243,031,398	4,375,165	0.0180	0.9820	97.37
7.5	240,670,511	1,779,239	0.0074	0.9926	95.62
8.5	229,014,041	6,146,879	0.0268	0.9732	94.91
9.5	216,558,125	1,774,044	0.0082	0.9918	92.36
10.5	185,496,937	934,680	0.0050	0.9950	91.61
11.5	181,772,259	1,117,267	0.0061	0.9939	91.15
12.5	201,238,414	2,484,948	0.0123	0.9877	90.59
13.5	196,771,353	467,112	0.0024	0.9976	89.47
14.5	212,912,356	4,868,180	0.0229	0.9771	89.26
15.5	201,845,821	1,355,365	0.0067	0.9933	87.21
16.5	208,106,359	2,601,578	0.0125	0.9875	86.63
17.5	204,320,647	828,633	0.0041	0.9959	85.55
18.5	205,598,493	1,564,920	0.0076	0.9924	85.20
19.5	202,499,949	1,104,064	0.0055	0.9945	84.55
20.5	207,175,169	1,147,530	0.0055	0.9945	84.09
21.5	206,014,170	1,447,320	0.0070	0.9930	83.62
22.5	204,259,597	5,393,785	0.0264	0.9736	83.04
23.5	199,132,763	2,359,615	0.0118	0.9882	80.84
24.5	213,105,203	5,663,370	0.0266	0.9734	79.89
25.5	193,022,414	10,435,387	0.0541	0.9459	77.76
26.5	184,710,031	3,627,595	0.0196	0.9804	73.56
27.5	163,151,785	3,715,837	0.0228	0.9772	72.11
28.5	159,710,859	6,472,790	0.0405	0.9595	70.47
29.5	152,582,060	5,505,210	0.0361	0.9639	67.62
30.5	123,219,985	5,336,742	0.0433	0.9567	65.18
31.5	117,516,568	2,844,366	0.0242	0.9758	62.35
32.5	98,462,371	4,671,796	0.0474	0.9526	60.84
33.5	85,213,362	2,587,628	0.0304	0.9696	57.96
34.5	60,017,783	1,043,634	0.0174	0.9826	56.20
35.5	54,638,379	3,410,547	0.0624	0.9376	55.22
36.5	41,862,504	504,002	0.0120	0.9880	51.77
37.5	41,806,668	1,547,679	0.0370	0.9630	51.15
38.5	40,234,038	3,913,808	0.0973	0.9027	49.26

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

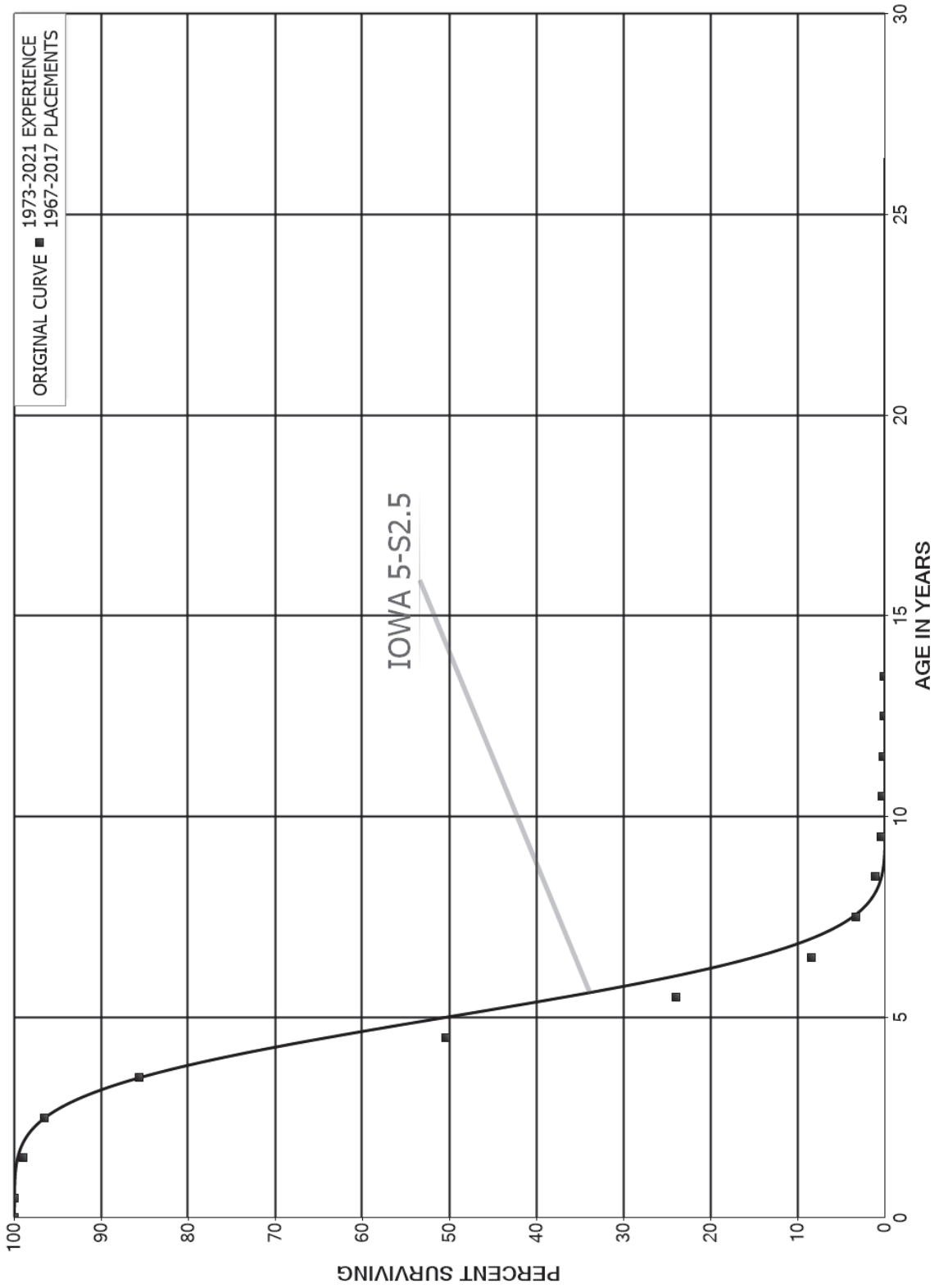
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1956-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	36,036,162	2,719,088	0.0755	0.9245	44.46
40.5	29,556,516	1,183,036	0.0400	0.9600	41.11
41.5	27,831,678	2,456,268	0.0883	0.9117	39.46
42.5	24,461,659	2,336,064	0.0955	0.9045	35.98
43.5	21,698,452	2,157,570	0.0994	0.9006	32.55
44.5	6,628,176	430,788	0.0650	0.9350	29.31
45.5	6,187,296	97,457	0.0158	0.9842	27.40
46.5	2,450,504	42,213	0.0172	0.9828	26.97
47.5	2,355,814	57,160	0.0243	0.9757	26.51
48.5	2,036,212	37,096	0.0182	0.9818	25.86
49.5	1,892,559	23,935	0.0126	0.9874	25.39
50.5	1,538,575	24,542	0.0160	0.9840	25.07
51.5	1,481,937	46,597	0.0314	0.9686	24.67
52.5	987,440	80,582	0.0816	0.9184	23.90
53.5	827,710	33,010	0.0399	0.9601	21.95
54.5	782,409	12,001	0.0153	0.9847	21.07
55.5	751,654	42,578	0.0566	0.9434	20.75
56.5	708,596	27,105	0.0383	0.9617	19.57
57.5	681,491	42,290	0.0621	0.9379	18.82
58.5	567,335	16,447	0.0290	0.9710	17.66
59.5	213,137	26,330	0.1235	0.8765	17.14
60.5	186,807	67,479	0.3612	0.6388	15.03
61.5	7,632	15	0.0020	0.9980	9.60
62.5	7,617	154	0.0202	0.9798	9.58
63.5	6,080	222	0.0364	0.9636	9.39
64.5	5,858		0.0000	1.0000	9.04
65.5					9.04

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.10 TRANSPORTATION EQUIPMENT - PASSENGER CARS AND STATION WAGONS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.10 TRANSPORTATION EQUIPMENT - PASSENGER CARS AND STATION WAGONS

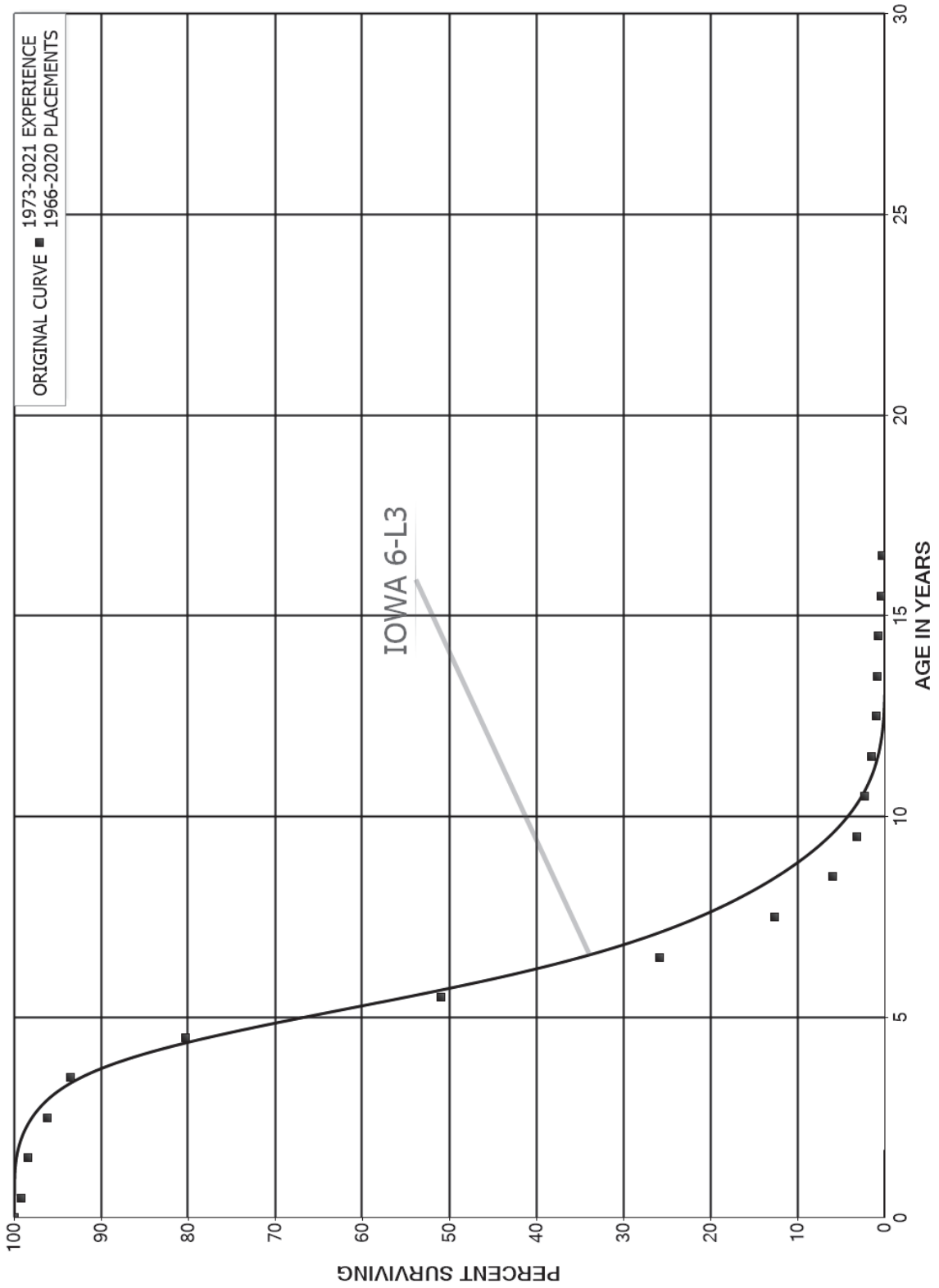
ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2017 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	24,838,807	24,116	0.0010	0.9990	100.00
0.5	24,822,782	239,487	0.0096	0.9904	99.90
1.5	24,620,206	611,926	0.0249	0.9751	98.94
2.5	23,983,036	2,706,006	0.1128	0.8872	96.48
3.5	21,594,630	8,890,638	0.4117	0.5883	85.59
4.5	12,636,165	6,624,792	0.5243	0.4757	50.35
5.5	6,016,477	3,910,037	0.6499	0.3501	23.96
6.5	2,099,941	1,268,745	0.6042	0.3958	8.39
7.5	946,516	643,446	0.6798	0.3202	3.32
8.5	361,966	211,072	0.5831	0.4169	1.06
9.5	171,469	59,825	0.3489	0.6511	0.44
10.5	119,843	35,323	0.2947	0.7053	0.29
11.5	60,581	36,323	0.5996	0.4004	0.20
12.5	21,145	13,088	0.6190	0.3810	0.08
13.5	15,329		0.0000	1.0000	0.03
14.5	19,155	3,826	0.1997	0.8003	0.03
15.5	15,329		0.0000	1.0000	0.02
16.5	15,329		0.0000	1.0000	0.02
17.5	15,329		0.0000	1.0000	0.02
18.5	15,329	7,272	0.4744	0.5256	0.02
19.5	8,057		0.0000	1.0000	0.01
20.5	8,057		0.0000	1.0000	0.01
21.5	8,057		0.0000	1.0000	0.01
22.5	8,057		0.0000	1.0000	0.01
23.5	8,057		0.0000	1.0000	0.01
24.5	8,057		0.0000	1.0000	0.01
25.5	8,057		0.0000	1.0000	0.01
26.5	1		0.0000	1.0000	0.01
27.5					0.01

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.11 TRANSPORTATION EQUIPMENT - LIGHT TRUCKS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.11 TRANSPORTATION EQUIPMENT - LIGHT TRUCKS

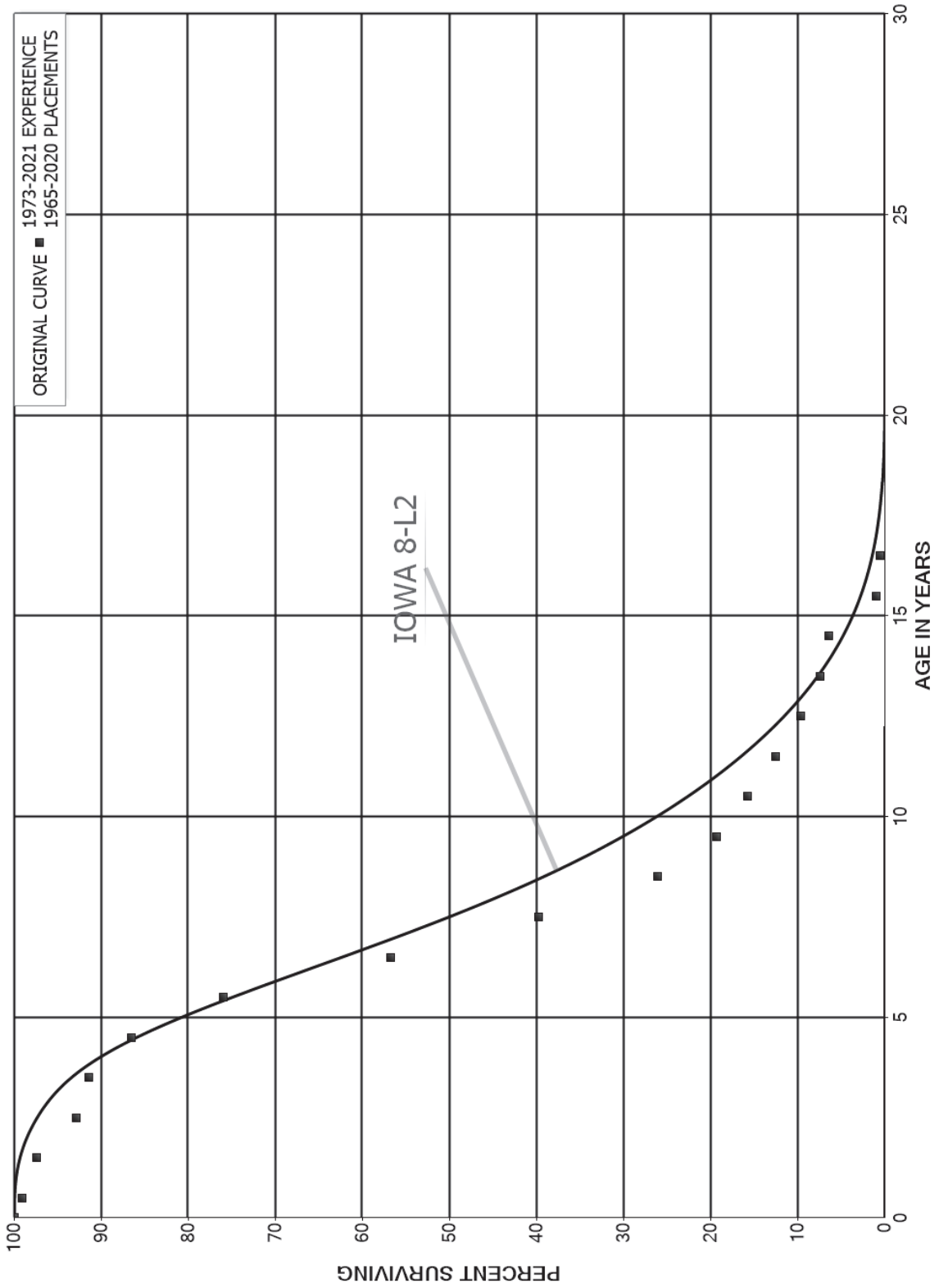
ORIGINAL LIFE TABLE

PLACEMENT BAND 1966-2020 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	61,411,713	488,576	0.0080	0.9920	100.00
0.5	60,861,295	490,679	0.0081	0.9919	99.20
1.5	60,016,229	1,340,428	0.0223	0.9777	98.40
2.5	58,676,482	1,627,550	0.0277	0.9723	96.21
3.5	57,398,059	8,109,531	0.1413	0.8587	93.54
4.5	47,294,116	17,280,995	0.3654	0.6346	80.32
5.5	30,027,865	14,839,970	0.4942	0.5058	50.97
6.5	15,183,462	7,772,253	0.5119	0.4881	25.78
7.5	7,440,410	3,935,070	0.5289	0.4711	12.58
8.5	3,672,522	1,685,108	0.4588	0.5412	5.93
9.5	2,043,557	604,638	0.2959	0.7041	3.21
10.5	1,515,135	477,725	0.3153	0.6847	2.26
11.5	1,053,021	390,567	0.3709	0.6291	1.55
12.5	659,690	120,790	0.1831	0.8169	0.97
13.5	538,900	67,076	0.1245	0.8755	0.79
14.5	471,657	222,139	0.4710	0.5290	0.70
15.5	245,576	75,430	0.3072	0.6928	0.37
16.5	23,737		0.0000	1.0000	0.26
17.5	17,314	3,069	0.1773	0.8227	0.26
18.5	8,168		0.0000	1.0000	0.21
19.5	8,168	2,210	0.2706	0.7294	0.21
20.5	5,958	2,643	0.4436	0.5564	0.15
21.5	1		0.0000	1.0000	0.09
22.5	1		0.0000	1.0000	0.09
23.5	1		0.0000	1.0000	0.09
24.5	1		0.0000	1.0000	0.09
25.5	1		0.0000	1.0000	0.09
26.5	1		0.0000	1.0000	0.09
27.5	1	1	1.0000		0.09
28.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.12 TRANSPORTATION EQUIPMENT - MEDIUM TRUCKS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.12 TRANSPORTATION EQUIPMENT - MEDIUM TRUCKS

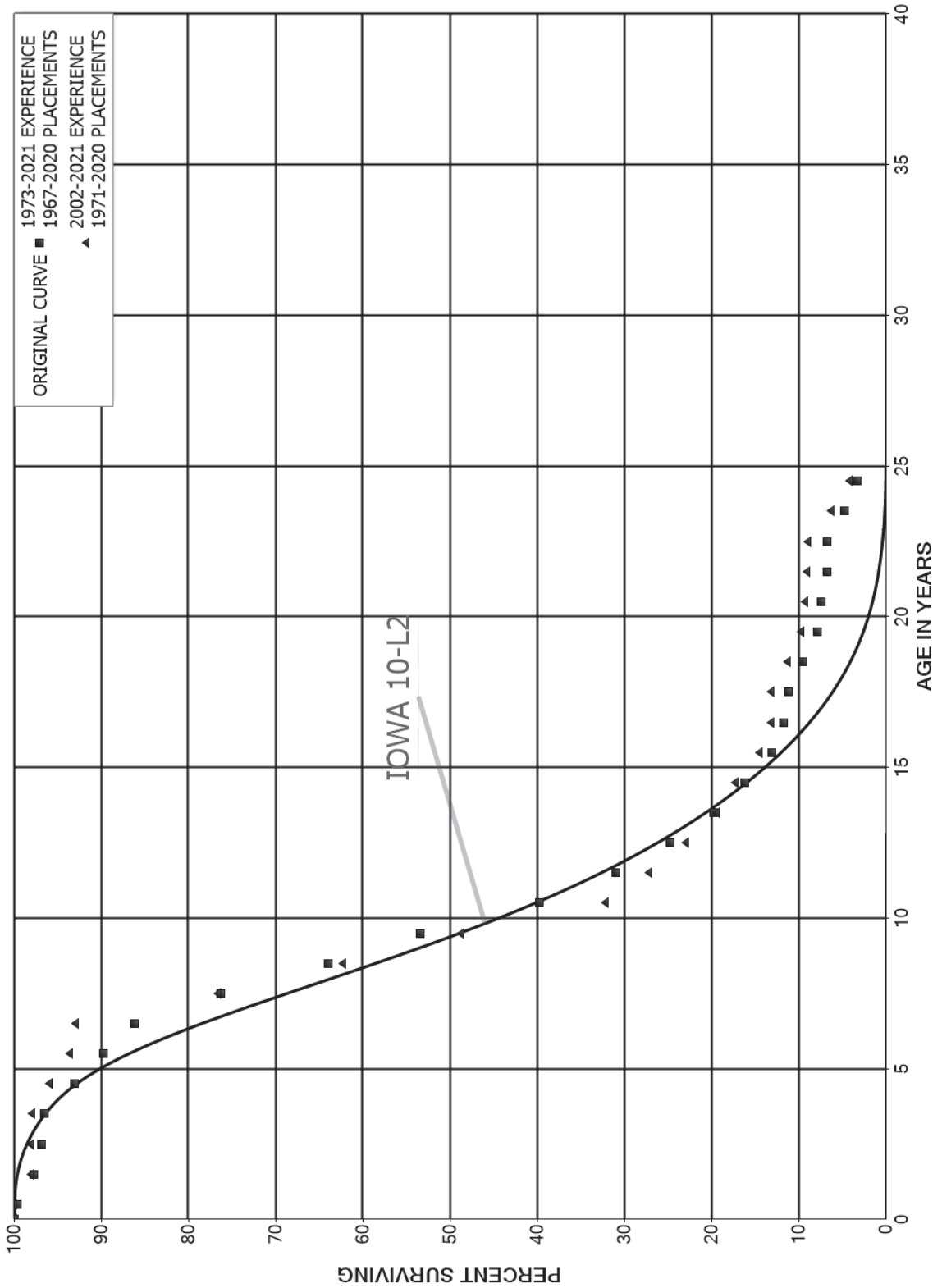
ORIGINAL LIFE TABLE

PLACEMENT BAND 1965-2020 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	14,639,398	138,743	0.0095	0.9905	100.00
0.5	14,226,868	231,066	0.0162	0.9838	99.05
1.5	13,801,954	646,232	0.0468	0.9532	97.44
2.5	13,241,862	214,848	0.0162	0.9838	92.88
3.5	13,199,341	702,898	0.0533	0.9467	91.37
4.5	12,020,342	1,474,194	0.1226	0.8774	86.51
5.5	10,559,653	2,670,611	0.2529	0.7471	75.90
6.5	7,843,914	2,352,770	0.2999	0.7001	56.70
7.5	5,560,147	1,911,567	0.3438	0.6562	39.70
8.5	3,696,761	966,718	0.2615	0.7385	26.05
9.5	2,752,417	510,132	0.1853	0.8147	19.24
10.5	2,253,720	462,438	0.2052	0.7948	15.67
11.5	1,857,281	427,502	0.2302	0.7698	12.46
12.5	1,429,845	332,467	0.2325	0.7675	9.59
13.5	1,100,295	149,190	0.1356	0.8644	7.36
14.5	970,002	821,173	0.8466	0.1534	6.36
15.5	169,551	80,407	0.4742	0.5258	0.98
16.5	93,461	15,804	0.1691	0.8309	0.51
17.5	67,821	36,664	0.5406	0.4594	0.43
18.5	31,157	7,715	0.2476	0.7524	0.20
19.5	23,442	3,248	0.1386	0.8614	0.15
20.5	20,194		0.0000	1.0000	0.13
21.5	20,194	1	0.0000	1.0000	0.13
22.5	20,193		0.0000	1.0000	0.13
23.5	20,193		0.0000	1.0000	0.13
24.5	20,193		0.0000	1.0000	0.13
25.5	20,193		0.0000	1.0000	0.13
26.5	20,193	20,193	1.0000		0.13
27.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.13 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.13 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2020 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	12,667,886	49,893	0.0039	0.9961	100.00
0.5	12,690,323	235,037	0.0185	0.9815	99.61
1.5	12,348,266	111,147	0.0090	0.9910	97.76
2.5	12,256,682	44,107	0.0036	0.9964	96.88
3.5	11,999,371	432,028	0.0360	0.9640	96.53
4.5	11,338,771	407,648	0.0360	0.9640	93.06
5.5	11,032,301	431,449	0.0391	0.9609	89.71
6.5	10,626,556	1,228,365	0.1156	0.8844	86.20
7.5	9,484,726	1,523,672	0.1606	0.8394	76.24
8.5	8,157,153	1,347,367	0.1652	0.8348	63.99
9.5	6,916,988	1,768,709	0.2557	0.7443	53.42
10.5	5,264,828	1,166,260	0.2215	0.7785	39.76
11.5	4,163,415	838,569	0.2014	0.7986	30.95
12.5	3,326,603	671,147	0.2018	0.7982	24.72
13.5	2,668,437	473,684	0.1775	0.8225	19.73
14.5	2,214,556	436,208	0.1970	0.8030	16.23
15.5	1,766,245	182,067	0.1031	0.8969	13.03
16.5	1,584,178	68,020	0.0429	0.9571	11.69
17.5	1,516,158	228,437	0.1507	0.8493	11.19
18.5	1,287,721	219,481	0.1704	0.8296	9.50
19.5	1,068,240	64,959	0.0608	0.9392	7.88
20.5	1,003,281	85,206	0.0849	0.9151	7.40
21.5	612,934	7,084	0.0116	0.9884	6.77
22.5	245,976	73,271	0.2979	0.7021	6.70
23.5	113,338	34,797	0.3070	0.6930	4.70
24.5	78,541	30,176	0.3842	0.6158	3.26
25.5	48,365	33,798	0.6988	0.3012	2.01
26.5	14,567		0.0000	1.0000	0.60
27.5	14,567		0.0000	1.0000	0.60
28.5	14,567		0.0000	1.0000	0.60
29.5	14,567		0.0000	1.0000	0.60
30.5	14,567	14,567	1.0000		0.60
31.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.13 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS

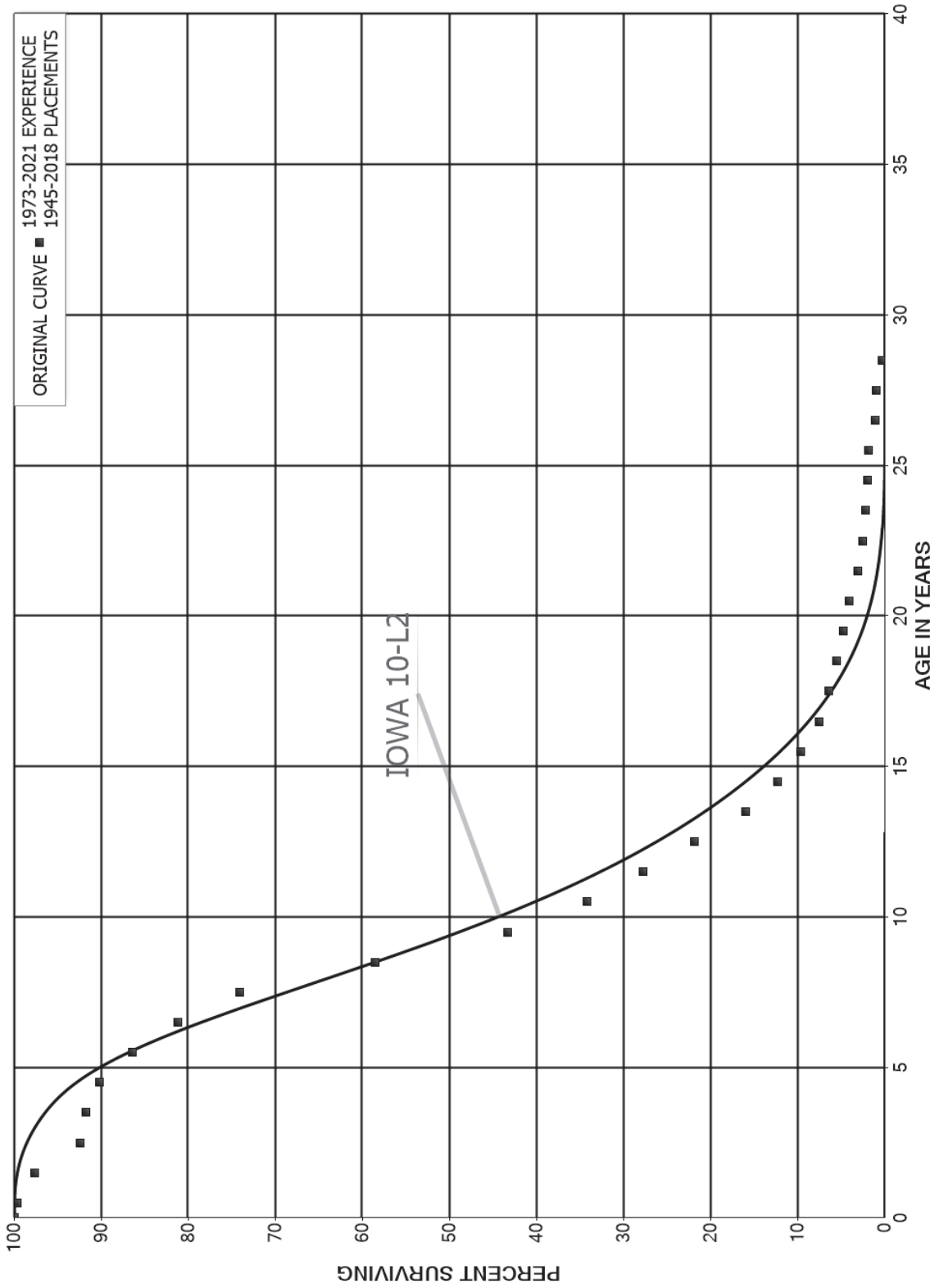
ORIGINAL LIFE TABLE

PLACEMENT BAND 1971-2020 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	651,510		0.0000	1.0000	100.00
0.5	892,801	18,215	0.0204	0.9796	100.00
1.5	1,623,500		0.0000	1.0000	97.96
2.5	2,451,232	3,340	0.0014	0.9986	97.96
3.5	2,498,989	51,594	0.0206	0.9794	97.83
4.5	2,810,019	68,753	0.0245	0.9755	95.81
5.5	3,553,275	25,324	0.0071	0.9929	93.46
6.5	4,221,452	741,012	0.1755	0.8245	92.80
7.5	3,593,245	675,486	0.1880	0.8120	76.51
8.5	3,418,859	745,195	0.2180	0.7820	62.12
9.5	2,723,659	924,473	0.3394	0.6606	48.58
10.5	2,018,310	315,044	0.1561	0.8439	32.09
11.5	2,201,809	342,206	0.1554	0.8446	27.08
12.5	2,176,363	343,389	0.1578	0.8422	22.87
13.5	1,948,617	214,707	0.1102	0.8898	19.27
14.5	1,761,107	286,802	0.1629	0.8371	17.14
15.5	1,474,305	136,322	0.0925	0.9075	14.35
16.5	1,337,983		0.0000	1.0000	13.02
17.5	1,337,983	184,376	0.1378	0.8622	13.02
18.5	1,153,607	164,825	0.1429	0.8571	11.23
19.5	988,782	43,510	0.0440	0.9560	9.62
20.5	945,272	27,197	0.0288	0.9712	9.20
21.5	612,934	7,084	0.0116	0.9884	8.94
22.5	245,976	73,271	0.2979	0.7021	8.83
23.5	98,771	34,797	0.3523	0.6477	6.20
24.5	63,974	30,176	0.4717	0.5283	4.02
25.5	33,798	33,798	1.0000		2.12
26.5					
27.5					
28.5					
29.5					
30.5	14,567	14,567	1.0000		
31.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.15 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS / POWER EQUIPPED
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.15 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS / POWER EQUIPPED

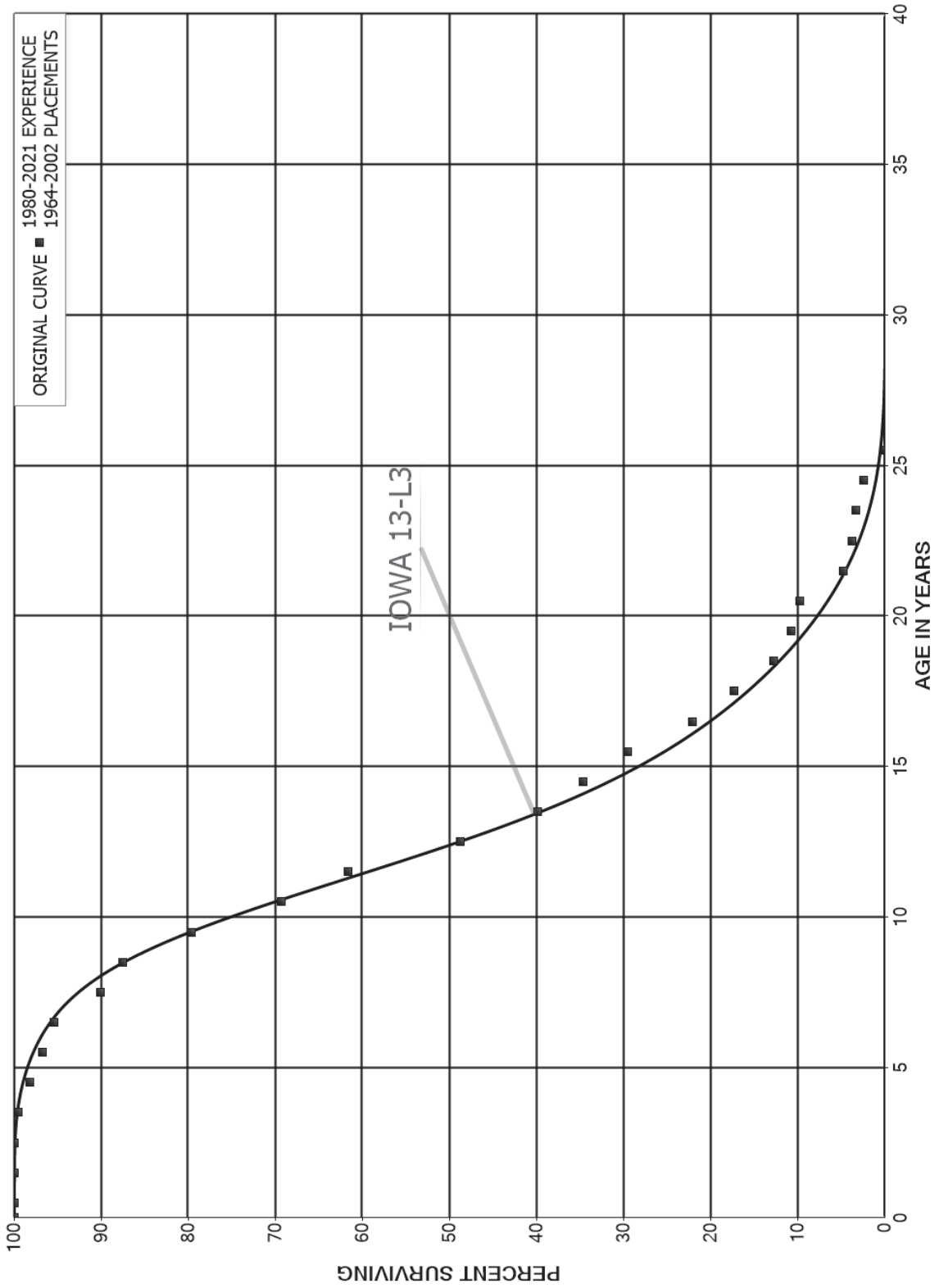
ORIGINAL LIFE TABLE

PLACEMENT BAND 1945-2018 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	70,962,527	236,855	0.0033	0.9967	100.00
0.5	69,981,706	1,409,212	0.0201	0.9799	99.67
1.5	69,594,683	3,740,425	0.0537	0.9463	97.66
2.5	65,845,130	473,993	0.0072	0.9928	92.41
3.5	66,357,497	1,153,925	0.0174	0.9826	91.75
4.5	65,068,339	2,749,674	0.0423	0.9577	90.15
5.5	62,231,884	3,684,005	0.0592	0.9408	86.34
6.5	58,610,477	5,190,715	0.0886	0.9114	81.23
7.5	53,672,403	11,242,694	0.2095	0.7905	74.04
8.5	43,736,709	11,390,036	0.2604	0.7396	58.53
9.5	32,344,699	6,771,112	0.2093	0.7907	43.29
10.5	26,205,747	5,011,050	0.1912	0.8088	34.22
11.5	21,390,254	4,507,610	0.2107	0.7893	27.68
12.5	16,977,728	4,615,598	0.2719	0.7281	21.85
13.5	12,604,942	2,841,219	0.2254	0.7746	15.91
14.5	10,086,991	2,213,425	0.2194	0.7806	12.32
15.5	7,974,574	1,723,482	0.2161	0.7839	9.62
16.5	6,261,929	982,885	0.1570	0.8430	7.54
17.5	5,279,044	688,564	0.1304	0.8696	6.36
18.5	4,590,480	640,116	0.1394	0.8606	5.53
19.5	3,950,364	597,880	0.1513	0.8487	4.76
20.5	2,896,572	667,180	0.2303	0.7697	4.04
21.5	2,229,392	446,729	0.2004	0.7996	3.11
22.5	1,782,663	244,983	0.1374	0.8626	2.48
23.5	1,072,433	98,432	0.0918	0.9082	2.14
24.5	1,776,737	109,557	0.0617	0.9383	1.95
25.5	1,667,180	652,016	0.3911	0.6089	1.83
26.5	1,015,164	157,975	0.1556	0.8444	1.11
27.5	857,189	598,038	0.6977	0.3023	0.94
28.5	259,151	27,652	0.1067	0.8933	0.28
29.5	231,499	135,432	0.5850	0.4150	0.25
30.5	96,067		0.0000	1.0000	0.11
31.5	96,067		0.0000	1.0000	0.11
32.5	96,067		0.0000	1.0000	0.11
33.5	96,067	52,531	0.5468	0.4532	0.11
34.5					0.05
35.5	10,573		0.0000		
36.5	10,573		0.0000		
37.5	10,573		0.0000		
38.5	10,573		0.0000		
39.5	10,573	10,573	1.0000		
40.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.16 TRANSPORTATION EQUIPMENT - TRACTORS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.16 TRANSPORTATION EQUIPMENT - TRACTORS

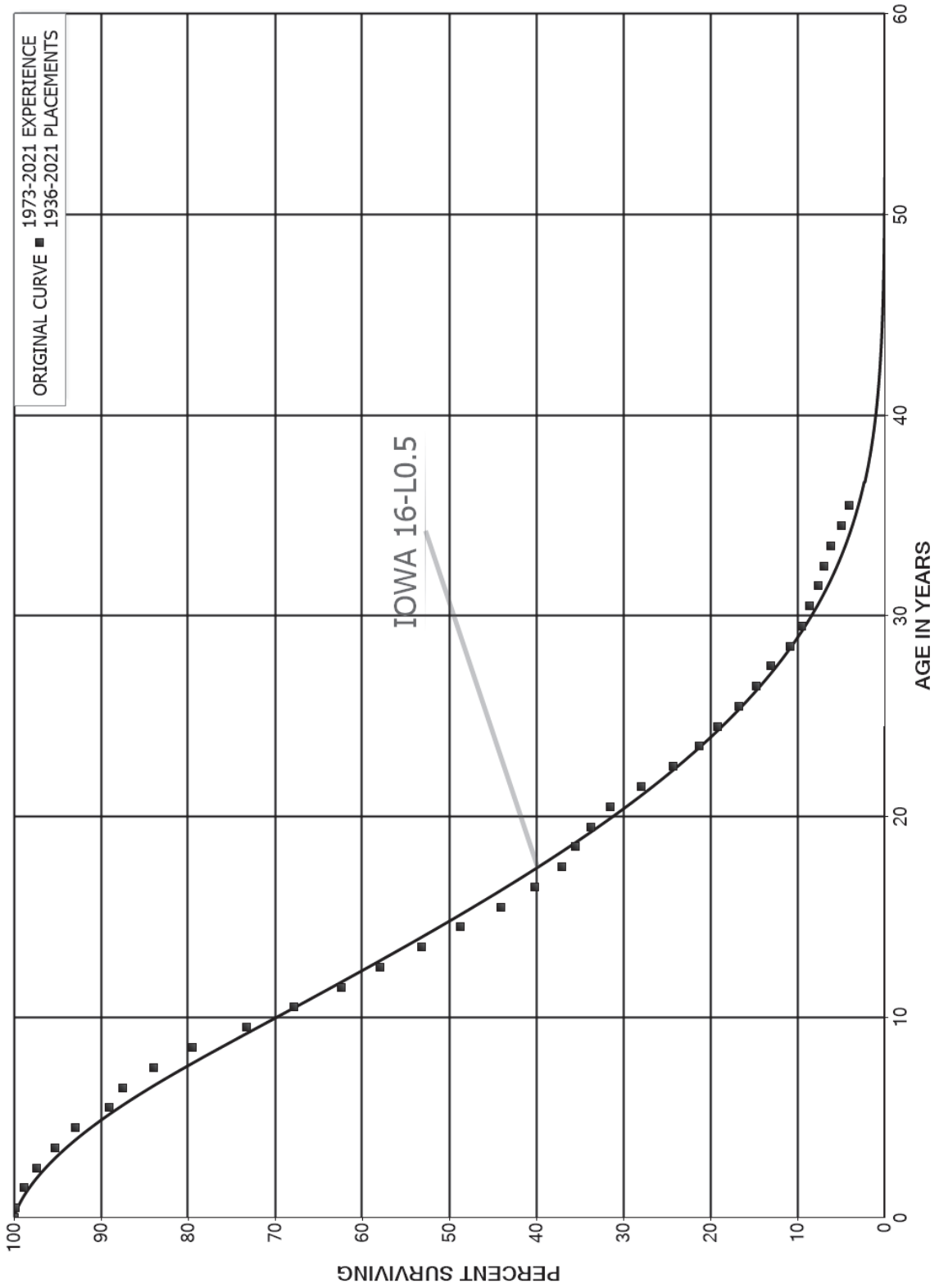
ORIGINAL LIFE TABLE

PLACEMENT BAND 1964-2002 EXPERIENCE BAND 1980-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	4,822,334		0.0000	1.0000	100.00
0.5	4,938,805		0.0000	1.0000	100.00
1.5	5,017,540	2,757	0.0005	0.9995	100.00
2.5	5,489,206	23,396	0.0043	0.9957	99.95
3.5	5,556,685	73,712	0.0133	0.9867	99.52
4.5	5,742,058	86,947	0.0151	0.9849	98.20
5.5	6,076,941	84,080	0.0138	0.9862	96.71
6.5	6,118,810	340,935	0.0557	0.9443	95.37
7.5	6,018,588	168,295	0.0280	0.9720	90.06
8.5	6,098,295	549,769	0.0902	0.9098	87.54
9.5	5,762,731	748,821	0.1299	0.8701	79.65
10.5	5,222,164	582,024	0.1115	0.8885	69.30
11.5	4,852,420	1,012,796	0.2087	0.7913	61.58
12.5	3,950,710	717,811	0.1817	0.8183	48.72
13.5	3,211,653	419,104	0.1305	0.8695	39.87
14.5	2,846,857	421,319	0.1480	0.8520	34.67
15.5	2,452,723	617,794	0.2519	0.7481	29.54
16.5	1,834,929	402,897	0.2196	0.7804	22.10
17.5	1,444,503	380,769	0.2636	0.7364	17.25
18.5	1,063,734	163,362	0.1536	0.8464	12.70
19.5	834,475	80,838	0.0969	0.9031	10.75
20.5	753,637	388,450	0.5154	0.4846	9.71
21.5	365,187	75,986	0.2081	0.7919	4.70
22.5	289,201	30,905	0.1069	0.8931	3.73
23.5	258,296	74,727	0.2893	0.7107	3.33
24.5	183,569	183,569	1.0000		2.36
25.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.18 TRANSPORTATION EQUIPMENT - TRAILERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.18 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1936-2021 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	23,134,402	36,403	0.0016	0.9984	100.00
0.5	21,063,786	211,895	0.0101	0.9899	99.84
1.5	19,753,294	284,034	0.0144	0.9856	98.84
2.5	18,780,498	402,813	0.0214	0.9786	97.42
3.5	18,200,145	456,087	0.0251	0.9749	95.33
4.5	14,078,915	578,813	0.0411	0.9589	92.94
5.5	13,263,965	237,843	0.0179	0.9821	89.12
6.5	12,922,213	533,747	0.0413	0.9587	87.52
7.5	12,408,020	649,292	0.0523	0.9477	83.90
8.5	11,605,788	901,762	0.0777	0.9223	79.51
9.5	10,891,267	823,594	0.0756	0.9244	73.34
10.5	10,245,836	818,752	0.0799	0.9201	67.79
11.5	9,640,064	688,524	0.0714	0.9286	62.37
12.5	8,983,805	738,671	0.0822	0.9178	57.92
13.5	8,274,651	684,402	0.0827	0.9173	53.16
14.5	7,631,757	735,612	0.0964	0.9036	48.76
15.5	6,926,522	606,298	0.0875	0.9125	44.06
16.5	6,391,590	494,714	0.0774	0.9226	40.20
17.5	5,955,902	247,114	0.0415	0.9585	37.09
18.5	5,737,402	290,336	0.0506	0.9494	35.55
19.5	5,387,165	366,175	0.0680	0.9320	33.75
20.5	4,956,822	547,804	0.1105	0.8895	31.46
21.5	4,447,665	593,590	0.1335	0.8665	27.98
22.5	3,864,071	464,961	0.1203	0.8797	24.25
23.5	3,391,345	348,951	0.1029	0.8971	21.33
24.5	3,048,562	391,151	0.1283	0.8717	19.14
25.5	2,620,359	310,391	0.1185	0.8815	16.68
26.5	2,141,855	233,674	0.1091	0.8909	14.70
27.5	1,797,655	305,348	0.1699	0.8301	13.10
28.5	1,394,221	169,234	0.1214	0.8786	10.87
29.5	1,219,075	120,973	0.0992	0.9008	9.55
30.5	1,017,838	119,621	0.1175	0.8825	8.61
31.5	783,460	71,951	0.0918	0.9082	7.60
32.5	607,079	61,440	0.1012	0.8988	6.90
33.5	496,073	100,064	0.2017	0.7983	6.20
34.5	391,260	67,166	0.1717	0.8283	4.95
35.5	307,856	39,267	0.1275	0.8725	4.10
36.5	264,190	52,961	0.2005	0.7995	3.58
37.5	200,994	7,154	0.0356	0.9644	2.86
38.5	191,989	4,121	0.0215	0.9785	2.76

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.18 TRANSPORTATION EQUIPMENT - TRAILERS

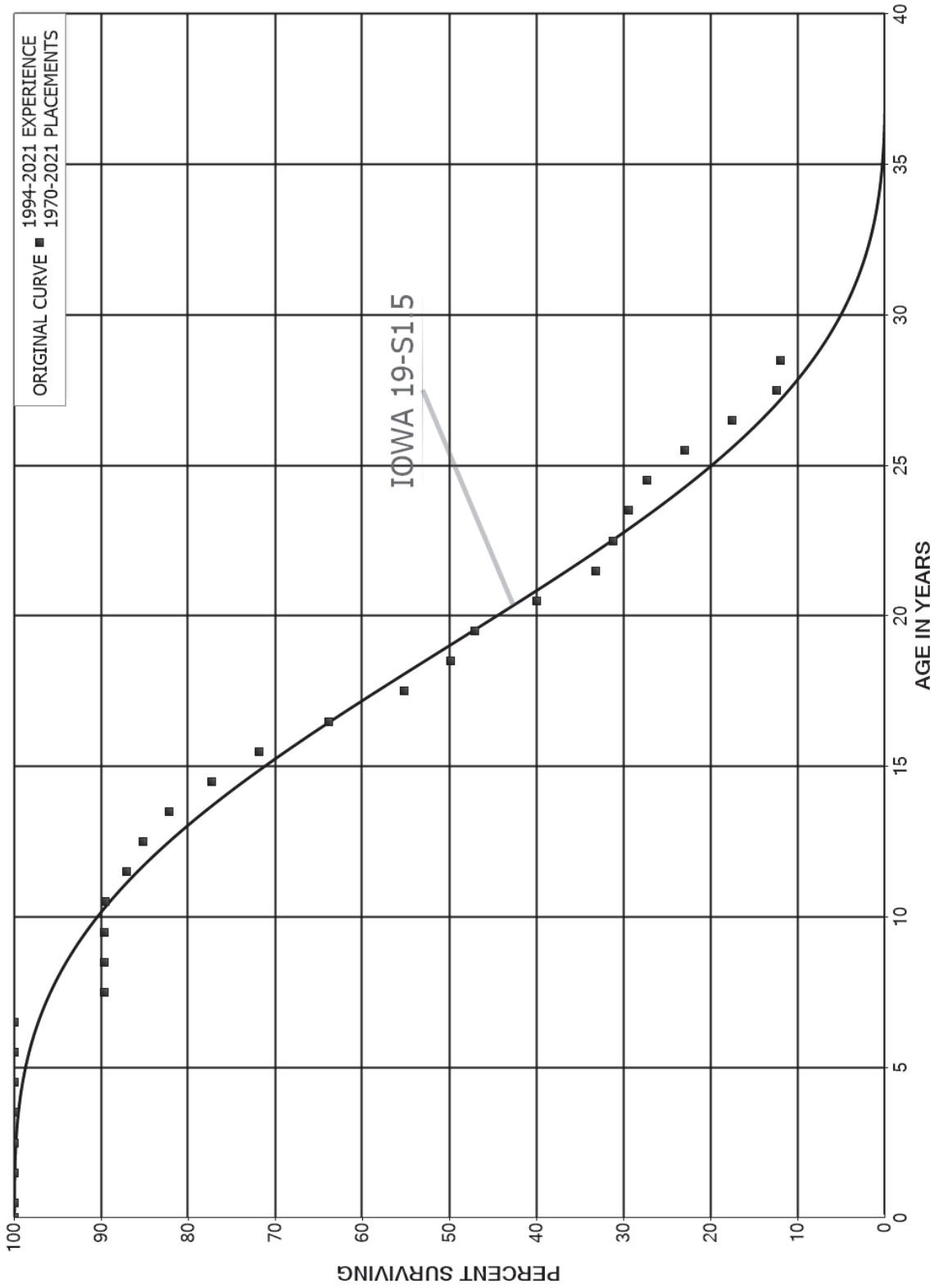
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1936-2021 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	180,882	5,762	0.0319	0.9681	2.70
40.5	163,893	992	0.0061	0.9939	2.61
41.5	146,288	120	0.0008	0.9992	2.60
42.5	124,786	13,971	0.1120	0.8880	2.59
43.5	89,314	2,169	0.0243	0.9757	2.30
44.5	74,310	407	0.0055	0.9945	2.25
45.5	71,339	14,208	0.1992	0.8008	2.24
46.5	55,142	9,037	0.1639	0.8361	1.79
47.5	38,995	2,152	0.0552	0.9448	1.50
48.5	36,843	1,591	0.0432	0.9568	1.41
49.5	33,089	337	0.0102	0.9898	1.35
50.5	28,902	210	0.0073	0.9927	1.34
51.5	28,692		0.0000	1.0000	1.33
52.5	16,404		0.0000	1.0000	1.33
53.5	5,097	1	0.0002	0.9998	1.33
54.5	5,095		0.0000	1.0000	1.33
55.5	2,558	125	0.0489	0.9511	1.33
56.5	2,433	101	0.0415	0.9585	1.26
57.5	2,332	659	0.2826	0.7174	1.21
58.5	1,673	232	0.1387	0.8613	0.87
59.5	1,441	203	0.1409	0.8591	0.75
60.5	193	99	0.5130	0.4870	0.64
61.5	94		0.0000	1.0000	0.31
62.5	94	1	0.0106	0.9894	0.31
63.5	93		0.0000	1.0000	0.31
64.5	92	92	1.0000		0.31
65.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 396.04 POWER OPERATED EQUIPMENT - MOBILE CRANES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 396.04 POWER OPERATED EQUIPMENT - MOBILE CRANES

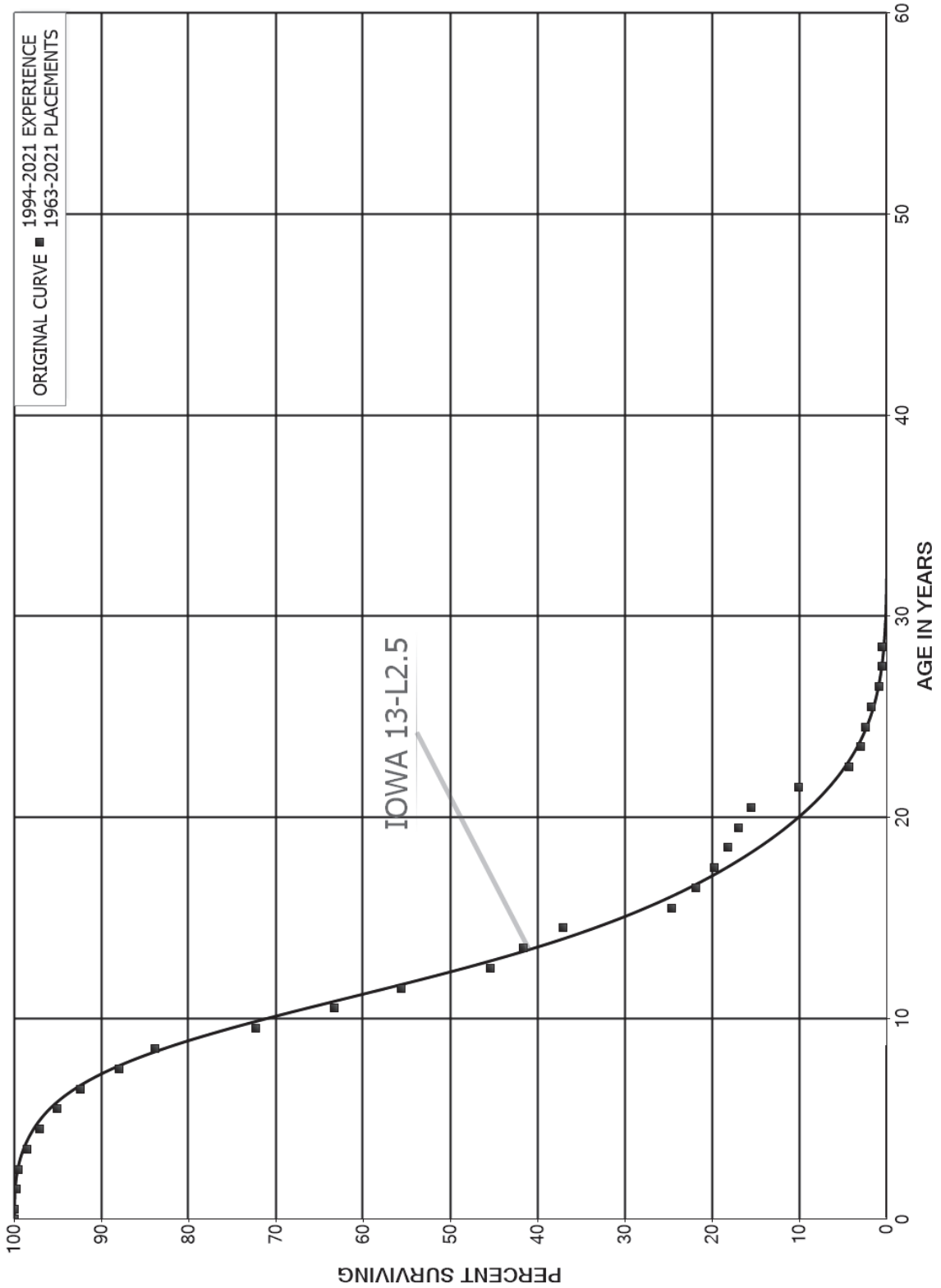
ORIGINAL LIFE TABLE

PLACEMENT BAND 1970-2021 EXPERIENCE BAND 1994-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,875,686		0.0000	1.0000	100.00
0.5	2,257,660		0.0000	1.0000	100.00
1.5	2,288,797		0.0000	1.0000	100.00
2.5	2,730,299		0.0000	1.0000	100.00
3.5	2,435,188		0.0000	1.0000	100.00
4.5	2,875,102		0.0000	1.0000	100.00
5.5	3,041,468		0.0000	1.0000	100.00
6.5	4,023,063	418,034	0.1039	0.8961	100.00
7.5	5,124,135		0.0000	1.0000	89.61
8.5	6,805,006		0.0000	1.0000	89.61
9.5	6,805,006	6,657	0.0010	0.9990	89.61
10.5	6,861,205	186,375	0.0272	0.9728	89.52
11.5	6,674,830	145,911	0.0219	0.9781	87.09
12.5	6,528,919	230,127	0.0352	0.9648	85.19
13.5	6,298,792	378,419	0.0601	0.9399	82.18
14.5	5,920,373	413,550	0.0699	0.9301	77.25
15.5	8,918,289	992,876	0.1113	0.8887	71.85
16.5	7,925,413	1,082,962	0.1366	0.8634	63.85
17.5	6,842,451	654,402	0.0956	0.9044	55.13
18.5	6,188,049	349,021	0.0564	0.9436	49.85
19.5	5,839,028	879,514	0.1506	0.8494	47.04
20.5	5,229,880	891,996	0.1706	0.8294	39.96
21.5	4,337,884	260,381	0.0600	0.9400	33.14
22.5	4,124,857	231,276	0.0561	0.9439	31.15
23.5	4,145,321	293,899	0.0709	0.9291	29.41
24.5	3,912,139	631,234	0.1614	0.8386	27.32
25.5	3,280,905	770,765	0.2349	0.7651	22.91
26.5	2,510,140	730,678	0.2911	0.7089	17.53
27.5	1,779,462	70,348	0.0395	0.9605	12.43
28.5	1,709,114	793,306	0.4642	0.5358	11.94
29.5	915,808	261,767	0.2858	0.7142	6.40
30.5	654,041	105,718	0.1616	0.8384	4.57
31.5	548,323		0.0000	1.0000	3.83
32.5	548,323		0.0000	1.0000	3.83
33.5	548,323	251,740	0.4591	0.5409	3.83
34.5	296,583		0.0000	1.0000	2.07
35.5	296,583		0.0000	1.0000	2.07
36.5	296,583	40,000	0.1349	0.8651	2.07
37.5	256,583	256,583	1.0000		1.79
38.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNTS 396.07 AND 396.09 - POWER OPERATED EQUIPMENT - MISCELLANEOUS - NON-HIGHWAY EQUIPMENT AND EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 396.07 AND 396.09 - POWER OPERATED EQUIPMENT - MISCELLANEOUS - NON-HIGHWAY EQUIPMENT AND EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1963-2021 EXPERIENCE BAND 1994-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	21,218,501	17,370	0.0008	0.9992	100.00
0.5	20,414,610	31,252	0.0015	0.9985	99.92
1.5	17,315,226	47,042	0.0027	0.9973	99.77
2.5	16,000,811	160,236	0.0100	0.9900	99.49
3.5	15,727,218	230,783	0.0147	0.9853	98.50
4.5	6,777,447	137,196	0.0202	0.9798	97.05
5.5	7,284,691	207,419	0.0285	0.9715	95.09
6.5	7,507,473	362,239	0.0483	0.9517	92.38
7.5	7,519,959	345,957	0.0460	0.9540	87.92
8.5	7,399,527	1,023,939	0.1384	0.8616	83.88
9.5	6,438,397	804,780	0.1250	0.8750	72.27
10.5	5,670,476	679,157	0.1198	0.8802	63.24
11.5	4,953,126	909,670	0.1837	0.8163	55.66
12.5	3,637,395	304,855	0.0838	0.9162	45.44
13.5	3,130,787	345,233	0.1103	0.8897	41.63
14.5	2,710,865	907,628	0.3348	0.6652	37.04
15.5	1,562,316	175,876	0.1126	0.8874	24.64
16.5	1,625,491	160,390	0.0987	0.9013	21.87
17.5	1,487,287	114,809	0.0772	0.9228	19.71
18.5	1,384,108	92,874	0.0671	0.9329	18.19
19.5	1,314,851	116,700	0.0888	0.9112	16.97
20.5	1,198,151	416,562	0.3477	0.6523	15.46
21.5	792,603	453,049	0.5716	0.4284	10.09
22.5	347,511	113,465	0.3265	0.6735	4.32
23.5	234,046	42,890	0.1833	0.8167	2.91
24.5	295,244	79,592	0.2696	0.7304	2.38
25.5	215,652	111,463	0.5169	0.4831	1.74
26.5	104,189	36,932	0.3545	0.6455	0.84
27.5	67,257	8,743	0.1300	0.8700	0.54
28.5	58,514	11,763	0.2010	0.7990	0.47
29.5	46,751		0.0000	1.0000	0.38
30.5	46,751	2,216	0.0474	0.9526	0.38
31.5	44,535	24,804	0.5570	0.4430	0.36
32.5	19,731	4,382	0.2221	0.7779	0.16
33.5	15,349		0.0000	1.0000	0.12
34.5	15,349	2,177	0.1418	0.8582	0.12
35.5	13,172		0.0000	1.0000	0.11
36.5	13,172	7,000	0.5314	0.4686	0.11
37.5	6,172		0.0000	1.0000	0.05
38.5	6,172		0.0000	1.0000	0.05

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 396.07 AND 396.09 - POWER OPERATED EQUIPMENT - MISCELLANEOUS - NON-HIGHWAY EQUIPMENT AND EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1963-2021			EXPERIENCE BAND 1994-2021		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	6,172		0.0000	1.0000	0.05
40.5	6,172		0.0000	1.0000	0.05
41.5	6,172	6,172	1.0000		0.05
42.5					

OFFICIAL COPY

Sep 22 2023

PART VIII. NET SALVAGE STATISTICS

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. CALCULATION OF TERMINAL AND INTERIM RETIREMENTS AS A PERCENT OF TOTAL RETIREMENTS

LOCATION	TOTAL PROJECTED RETIREMENTS	TOTAL TERMINAL RETIREMENTS		TOTAL INTERIM RETIREMENTS	
		AMOUNT	(%)	AMOUNT	(%)
(1)	(2)	(3)	(4)=(3)/(2)	(6)	(7)=(6)/(2)
STEAM PRODUCTION					
MARSHALL UNIT 1	(544,590,024.18)	(524,080,733.84)	96.23	(20,509,290.34)	3.77
MARSHALL UNIT 2	(181,860,496.71)	(171,604,544.49)	94.36	(10,255,952.22)	5 64
MARSHALL UNIT 3	(403,390,206.89)	(368,788,356.03)	91.42	(34,601,850.86)	8 58
MARSHALL UNIT 4	(302,909,173.51)	(274,563,163.46)	90.64	(28,346,010.05)	9 36
MARSHALL COMMON	(583,173,197.96)	(553,402,879.43)	94.90	(29,770,318.53)	5.10
BELEWS CREEK UNIT 1	(656,048,176.94)	(597,433,849.45)	91.07	(58,614,327.49)	8 93
BELEWS CREEK UNIT 2	(524,058,054.12)	(476,296,144.33)	90.89	(47,761,909.79)	9.11
BELEWS CREEK COMMON	(1,306,317,323.03)	(1,161,407,118.07)	88.91	(144,910,204.96)	11 09
LEE	(91,534,931.31)	(80,631,662.12)	88.09	(10,903,269.19)	11 91
CLIFFSIDE 5 (J.E. ROGERS)	(792,971,810.23)	(776,196,947.37)	97.88	(16,774,862.86)	2.12
CLIFFSIDE 6 (J.E. ROGBERS)	(2,100,670,705.10)	(1,653,433,708.77)	78.71	(447,236,996.33)	21 29
CLIFFSIDE COMMON (J.E. ROGERS)	(171,396,592.81)	(160,866,693.79)	93.86	(10,529,899.02)	6.14
ALLEN	(894,907,451.95)	(888,949,745.63)	99.33	(5,957,706.32)	0 67
TOTAL STEAM PRODUCTION	**(8,553,828,144.74)**	**(7,687,655,546.78)**	**89.87**	**(866,172,597.96)**	**10.13**
NUCLEAR PRODUCTION					
OCONEE	(4,727,334,982.86)	(2,815,093,624.00)	59.55	(1,912,241,358.86)	40.45
MCGUIRE	(3,496,435,154.56)	(827,832,707.62)	23.68	(2,668,602,446.94)	76 32
CATAWBA	(902,591,425.80)	(193,105,458.01)	21.39	(709,485,967.79)	78 61
TOTAL NUCLEAR PRODUCTION	**(9,126,361,563.22)**	**(3,836,031,789.63)**	**42.03**	**(5,290,329,773.59)**	**57.97**
HYDRO PRODUCTION					
COWANS FORD	(144,562,584.95)	(109,426,780.10)	75.70	(35,135,804.85)	24 30
BAD CREEK	(1,075,341,163.76)	(653,132,266.55)	60.74	(422,208,897.21)	39 26
JOCASSEE	(190,742,119.61)	(154,637,439.10)	81.07	(36,104,680.51)	18 93
KEOWEE	(241,689,158.78)	(215,847,703.35)	89.31	(25,841,455.43)	10 69
FISH NG CREEK	(56,492,203.40)	(41,487,800.20)	73.44	(15,004,403.20)	26 56
CEDAR CREEK	(37,154,093.12)	(27,362,545.50)	73.65	(9,791,547.62)	26 35
BRIDGEWATER	(302,547,050.50)	(279,958,043.08)	92.53	(22,589,007.42)	7.47
LOOKOUT SHOALS	(21,651,590.85)	(14,126,714.46)	65.25	(7,524,876.39)	34.75
MOUNTA N ISLAND	(38,664,657.89)	(28,337,157.68)	73.29	(10,327,500.21)	26.71
99 ISLANDS	(27,652,055.37)	(26,205,234.21)	94.77	(1,446,821.16)	5 23
OXFORD	(63,492,552.09)	(52,727,624.96)	83.05	(10,764,927.13)	16 95
RHODHISS	(37,207,729.91)	(28,654,197.88)	77.01	(8,553,532.03)	22 99
WATEREE	(62,536,341.07)	(44,750,712.93)	71.56	(17,785,628.14)	28.44
WYLIE	(73,476,207.03)	(57,779,685.54)	78.64	(15,696,521.49)	21 36
GREAT FALLS	(10,026,395.46)	(5,368,222.96)	53.54	(4,658,172.50)	46.46
DEARBORN	(21,434,333.43)	(13,278,916.09)	61.95	(8,155,417.34)	38 05
NPL BEAR CREEK	(15,919,318.50)	(15,109,049.17)	94.91	(810,269.33)	5 09
NPL CEDAR CLIFF	(10,685,969.12)	(10,022,812.79)	93.79	(663,156.33)	6 21
NPL NANTAHALA	(26,829,194.09)	(22,517,926.82)	83.93	(4,311,267.27)	16 07
NPL QUEENS CREEK	(1,306,404.18)	(1,214,980.81)	93.00	(91,423.37)	7 00
NPL TENNESSEE CREEK	(26,888,288.83)	(25,595,269.78)	95.19	(1,293,019.05)	4 81
NPL THORPE	(15,452,801.26)	(12,680,873.52)	82.06	(2,771,927.74)	17 94
NPL TUCKASEGEE	(5,224,111.18)	(4,842,241.02)	92.69	(381,870.16)	7 31
TOTAL HYDRO PRODUCTION	**(2,506,976,324.38)**	**(1,845,064,198.50)**	**73.60**	**(661,912,125.88)**	**26.40**
OTHER PRODUCTION					
L NCOLN CTS	(410,310,983.47)	(268,737,671.94)	65.50	(141,573,311.53)	34 50
DAN RIVER COMB NED CYCLE	(673,749,208.68)	(459,442,766.32)	68.19	(214,306,442.36)	31 81
LEE CTS	(62,049,846.57)	(39,004,216.67)	62.86	(23,045,629.90)	37.14
MILL CREEK CTS	(251,791,571.99)	(167,592,510.48)	66.56	(84,199,061.51)	33.44
ROCKINGHAM CTS	(322,169,860.03)	(264,840,802.89)	82.21	(57,329,057.14)	17.79
BUCK COMBINED CYCLE	(681,472,437.25)	(472,503,626.10)	69.34	(208,968,811.15)	30 66
LEE COMBINED CYCLE	(584,953,398.99)	(390,296,624.84)	66.72	(194,656,774.15)	33 28
CLEMSON COMB NED HEAT AND POWER PLANT	(30,074,637.96)	(19,549,084.87)	65.00	(10,525,553.09)	35 00
TOTAL OTHER PRODUCTION	**(3,016,571,944.94)**	**(2,081,967,304.11)**	**69.02**	**(934,604,640.83)**	**30.98**

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 2. CALCULATION OF WEIGHTED NET SALVAGE PERCENT

ACCOUNT	TERMINAL RETIREMENTS RETIREMENTS (%)	TERMINAL RETIREMENTS NET SALVAGE (%)	INTERIM RETIREMENTS RETIREMENTS (%)	INTERIM RETIREMENTS NET SALVAGE (%)	WEIGHTED AVERAGE NET SALVAGE %
(1)	(2)	(3)	(4)	(5)	(6)=(2)*(3)+(4)*(5)
STEAM PRODUCTION					
MARSHALL UNIT 1	96.23	(3)	3.77	(18)	(3)
MARSHALL UNIT 2	94.36	(3)	5.64	(18)	(4)
MARSHALL UNIT 3	91.42	(3)	8.58	(18)	(4)
MARSHALL UNIT 4	90.64	(3)	9.36	(18)	(4)
MARSHALL COMMON	94.90	(3)	5.10	(18)	(4)
BELEWS CREEK UNIT 1	91.07	(5)	8.93	(18)	(6)
BELEWS CREEK UNIT 2	90.89	(5)	9.11	(18)	(6)
BELEWS CREEK COMMON	88.91	(5)	11.09	(18)	(6)
LEE	88.09	(16)	11.91	(18)	(17)
CLIFFSIDE UNIT 5 (J.E. ROGERS)	97.88	(5)	2.12	(18)	(5)
CLIFFSIDE UNIT 6 (J.E. ROGBERS)	78.71	(5)	21.29	(18)	(8)
CLIFFSIDE COMMON (J.E. ROGERS)	93.86	(5)	6.14	(18)	(6)
ALLEN	99.33	(5)	0.67	(18)	(5)
NUCLEAR PRODUCTION					
OCONEE	59.55	0	40.45	(10)	(4)
MCGUIRE	23.68	0	76.32	(10)	(8)
CATAWBA	21.39	0	78.61	(10)	(8)
HYDRO PRODUCTION					
COWANS FORD	75.70	1	24.30	(20)	(4)
BAD CREEK	60.74	(1)	39.26	(20)	(9)
JOCASSEE	81.07	3	18.93	(20)	(1)
KEOWEE	89.31	(0)	10.69	(20)	(3)
FISHING CREEK	73.44	(10)	26.56	(20)	(13)
CEDAR CREEK	73.65	(11)	26.35	(20)	(14)
BRIDGEWATER	92.53	(2)	7.47	(20)	(3)
LOOKOUT SHOALS	65.25	(22)	34.75	(20)	(21)
MOUNTAIN ISLAND	73.29	(14)	26.71	(20)	(16)
99 ISLANDS	94.77	(15)	5.23	(20)	(15)
OXFORD	83.05	(4)	16.95	(20)	(7)
RHODHISS	77.01	(11)	22.99	(20)	(13)
WATEREE	71.56	(10)	28.44	(20)	(13)
WYLIE	78.64	(7)	21.36	(20)	(10)
GREAT FALLS	53.54	(184)	46.46	(20)	(108)
DEARBORN	61.95	(18)	38.05	(20)	(19)
NPL BEAR CREEK	94.91	(8)	5.09	(20)	(8)
NPL CEDAR CLIFF	93.79	(17)	6.21	(20)	(17)
NPL NANTAHALA	83.93	(8)	16.07	(20)	(10)
NPL QUEENS CREEK	93.00	(101)	7.00	(20)	(95)
NPL TENNESSEE CREEK	95.19	(11)	4.81	(20)	(11)
NPL THORPE	82.06	(39)	17.94	(20)	(36)
NPL TUCKASEGEE	92.69	(58)	7.31	(20)	(55)
OTHER PRODUCTION					
LINCOLN CTS	65.50	(1)	34.50	(23)	(9)
DAN RIVER COMBINED CYCLE	68.19	(7)	31.81	(23)	(12)
LEE CTS	62.86	(4)	37.14	(23)	(11)
MILL CREEK CTS	66.56	(0)	33.44	(23)	(8)
ROCKINGHAM CTS	82.21	(0)	17.79	(23)	(4)
BUCK COMBINED CYCLE	69.34	(5)	30.66	(23)	(11)
LEE COMBINED CYCLE	66.72	(6)	33.28	(23)	(12)
CLEMSON COMBINED HEAT AND POWER PLANT	65.00	(8)	35.00	(23)	(13)
SOLAR PRODUCTION					
MOCKSVILLE	26.88	(40)	73.12	0	(11)
MONROE	28.18	(50)	71.82	0	(14)
WOODLEAF	26.66	(47)	73.34	0	(12)
GASTON	27.24	(44)	72.76	0	(12)
MAIDEN CREEK	29.65	(58)	70.35	0	(17)

DUKE ENERGY CAROLINAS

TABLE 3. CALCULATION OF TERMINAL NET SALVAGE PERCENT

UNIT	ESTIMATED RETIREMENT YEAR	TOTAL DECOMMISSIONING COSTS	ESCALATED TOTAL DECOMMISSIONING COSTS	TERMINAL RETIREMENTS	TOTAL NET SALVAGE
(1)	(2)	(3)	(4)	(5)	(6)
STEAM PRODUCTION					
MARSHALL UNIT 1	2028			(524,080,734)	
MARSHALL UNIT 2	2028			(171,604,544)	
MARSHALL UNIT 3	2032			(368,788,356)	
MARSHALL UNIT 4	2032			(274,563,163)	
MARSHALL COMMON	2032			(553,402,879)	
TOTAL MARSHALL	2032	39,915,000	52,371,939	(1,892,439,677)	(3)
BELEWS CREEK UNIT 1	2035			(597,433,849)	
BELEWS CREEK UNIT 2	2035			(476,296,144)	
BELEWS CREEK COMMON	2035			(1,161,407,118)	
TOTAL BELEWS CREEK	2035	75,471,000	106,638,547	(2,235,137,112)	(5)
LEE	2030	10,626,000	13,270,418	(80,631,662)	(16)
CLIFFSIDE 5 (J.E. ROGERS)	2025			(776,196,947)	
CLIFFSIDE 6 (J.E. ROGBERS)	2048			(1,653,433,709)	
CLIFFSIDE COMMON (J.E. ROGERS)	2048			(160,866,694)	
TOTAL CLIFFSIDE	2048	69,100,000	134,592,981	(2,590,497,350)	(5)
ALLEN	2023	41,280,000	43,369,800	(888,949,746)	(5)
TOTAL STEAM PRODUCTION		**236,392,000**	**350,243,685**	**(7,687,655,547)**	**(5)**
HYDRO PRODUCTION					
COWANS FORD	2055	(255,000)	(590,407)	(109,426,780)	1
BAD CREEK	2067	2,451,000	7,632,048	(653,132,267)	(1)
JOCASSEE	2046	(2,592,000)	(4,805,423)	(154,637,439)	3
KEOWEE	2046	533,000	988,152	(215,847,703)	(0)
FISHING CREEK	2055	1,803,000	4,174,526	(41,487,800)	(10)
CEDAR CREEK	2055	1,342,000	3,107,162	(27,362,546)	(11)
BRIDGEWATER	2055	1,824,000	4,223,148	(279,958,043)	(2)
LOOKOUT SHOALS	2055	1,360,000	3,148,838	(14,126,714)	(22)
MOUNTAIN ISLAND	2055	1,754,000	4,061,075	(28,337,158)	(14)
99 ISLANDS	2036	2,729,000	3,952,406	(26,205,234)	(15)
OXFORD	2055	925,000	2,141,673	(52,727,625)	(4)
RHODHISS	2055	1,315,000	3,044,649	(28,654,198)	(11)
WATEREE	2055	2,001,000	4,632,960	(44,750,713)	(10)
WYLIE	2055	1,721,000	3,984,669	(57,779,686)	(7)
GREAT FALLS	2055	4,276,000	9,900,317	(5,368,223)	(184)
DEARBORN	2055	1,039,000	2,405,620	(13,278,916)	(18)

Spanos Exh bit 1
Docket No. E-7, Sub 1276
Page 312 of 64

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 3. CALCULATION OF TERMINAL NET SALVAGE PERCENT

UNIT	ESTIMATED RETIREMENT YEAR	TOTAL DECOMMISSIONING COSTS	ESCALATED TOTAL DECOMMISSIONING COSTS	TERMINAL RETIREMENTS	TOTAL NET SALVAGE
(1)	(2)	(3)	(4)	(5)	(6)
NPL BEAR CREEK	2041	710,000	1,163,418	(15,109,049)	(8)
NPL CEDAR CLIFF	2041	1,020,000	1,671,389	(10,022,813)	(17)
NPL NANTAHALA	2042	1,065,000	1,788,755	(22,517,927)	(8)
NPL QUEENS CREEK	2032	935,000	1,226,801	(1,214,981)	(101)
NPL TENNESSEE CREEK	2041	1,695,000	2,777,455	(25,595,270)	(11)
NPL THORPE	2041	3,042,000	4,984,671	(12,680,874)	(39)
NPL TUCKASEGEE	2041	1,717,000	2,813,504	(4,842,241)	(58)
TOTAL HYDRO PRODUCTION		**32,410,000**	**68,427,406**	**(1,845,064,199)**	**(4)**
OTHER PRODUCTION					
LINCOLN CTS	2040	1,668,000	2,666,549	(268,737,672)	(1)
DAN RIVER COMBINED CYCLE	2052	15,430,000	33,174,604	(459,442,766)	(7)
LEE CTS	2047	786,000	1,493,630	(39,004,217)	(4)
MILL CREEK CTS	2043	111,000	191,094	(167,592,510)	(0)
ROCKINGHAM CTS	2040	816,000	1,304,499	(264,840,803)	(0)
BUCK COMBINED CYCLE	2051	12,364,100	25,934,535	(472,503,626)	(5)
LEE COMBINED CYCLE	2058	9,278,000	23,133,289	(390,296,625)	(6)
CLEMSON COMBINED HEAT AND POWER PLANT	2059	612,300	1,564,844	(19,549,085)	(8)
TOTAL OTHER PRODUCTION		**41,065,400**	**89,463,044**	**(2,081,967,304)**	**(4)**
SOLAR PRODUCTION					
MOCKSVILLE	2046	1,863,900	3,455,566	(8,545,547)	(40)
MONROE	2047	7,969,500	15,144,383	(30,269,964)	(50)
WOODLEAF	2048	890,300	1,734,126	(3,708,492)	(47)
GASTON	2050	2,247,200	4,598,687	(10,559,960)	(44)
MAIDEN CREEK	2051	7,101,900	14,896,715	(25,635,174)	(58)
TOTAL SOLAR PRODUCTION		**20,072,800**	**39,829,477**	**(78,719,138)**	**(51)**
TOTAL PRODUCTION		**329,940,200**	**547,963,612**	**(11,693,406,187)**	**(5)**

Sep 22 2023 OFFICIAL COPY

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	61,868	2,428	4		0	2,428-	4-
2004	263,145	5,493	2		0	5,493-	2-
2005	268,631	1,359	1		0	1,359-	1-
2006	579,305	28,947	5		0	28,947-	5-
2007	5,038,541	110,064	2		0	110,064-	2-
2008	2,350,054	31,805	1		0	31,805-	1-
2009	1,238,440	376,140	30	109,339	9	266,801-	22-
2010	5,941,373	6,444,233	108		0	6,444,233-	108-
2011	5,295,487-	14,022	0		0	14,022-	0
2012	512,741		0		0		0
2013	176,682	355,400	201		0	355,400-	201-
2014	170,120	160,052	94		0	160,052-	94-
2015	568,349	332,468	58		0	332,468-	58-
2016	1,343,664	565,108	42		0	565,108-	42-
2017	3,694,618	268,234	7	166,879	5	101,355-	3-
2018	664,106	148,509	22	1,800-	0	150,309-	23-
2019	9,264,016	9,115,107	98	66,098	1	9,049,009-	98-
2020	2,697,034	1,830,314	68	34-	0	1,830,348-	68-
2021	914,568	989,664	108	2,140-	0	991,804-	108-
TOTAL	30,451,767	20,779,348	68	338,342	1	20,441,005-	67-
THREE-YEAR MOVING AVERAGES							
03-05	197,881	3,093	2		0	3,093-	2-
04-06	370,360	11,933	3		0	11,933-	3-
05-07	1,962,159	46,790	2		0	46,790-	2-
06-08	2,655,967	56,939	2		0	56,939-	2-
07-09	2,875,678	172,670	6	36,446	1	136,223-	5-
08-10	3,176,622	2,284,059	72	36,446	1	2,247,613-	71-
09-11	628,109	2,278,132	363	36,446	6	2,241,685-	357-
10-12	386,209	2,152,752	557		0	2,152,752-	557-
11-13	1,535,354-	123,141	8-		0	123,141-	8
12-14	286,514	171,817	60		0	171,817-	60-
13-15	305,050	282,640	93		0	282,640-	93-
14-16	694,044	352,543	51		0	352,543-	51-
15-17	1,868,877	388,603	21	55,626	3	332,977-	18-
16-18	1,900,796	327,284	17	55,026	3	272,257-	14-
17-19	4,540,913	3,177,283	70	77,059	2	3,100,224-	68-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	4,208,385	3,697,976	88	21,421	1	3,676,555-	87-
19-21	4,291,872	3,978,362	93	21,308	0	3,957,054-	92-
FIVE-YEAR AVERAGE							
17-21	3,446,868	2,470,366	72	45,801	1	2,424,565-	70-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	24,510,181	2,116,157	9	8,376-	0	2,124,533-	9-
2004	18,390,930	844,618	5		0	844,618-	5-
2005	347,852	77,099	22		0	77,099-	22-
2006	3,925,256	428,253	11	289,509	7	138,744-	4-
2007	6,859,376	341,963	5	17,100-	0	359,063-	5-
2008	44,255,587	1,313,091	3	6,421-	0	1,319,512-	3-
2009	14,730,400	1,844,863	13	535,993	4	1,308,869-	9-
2010	13,163,796	2,901,321	22	33,333-	0	2,934,654-	22-
2011	60,965,511	1,008,560	2	25,982-	0	1,034,542-	2-
2012	8,441,844	7,189	0	54-	0	7,243-	0
2013	10,832,382	2,701,578	25	83,128	1	2,618,450-	24-
2014	33,917,650	13,676,923	40	2,233,203	7	11,443,720-	34-
2015	19,003,181	3,313,846	17	1,553,868	8	1,759,977-	9-
2016	38,632,525	6,342,845	16	2,377,539	6	3,965,307-	10-
2017	29,526,318	7,486,189	25	338,859	1	7,147,331-	24-
2018	26,776,086	1,146,857	4	1,516,028	6	369,171	1
2019	56,757,766	29,066,477	51	2,841,438	5	26,225,039-	46-
2020	31,707,223	22,380,626	71	19,138,758	60	3,241,869-	10-
2021	49,637,822	14,816,336	30	538,208	1	14,278,128-	29-
TOTAL	492,381,686	111,814,792	23	31,355,264	6	80,459,528-	16-
THREE-YEAR MOVING AVERAGES							
03-05	14,416,321	1,012,625	7	2,792-	0	1,015,417-	7-
04-06	7,554,679	449,990	6	96,503	1	353,487-	5-
05-07	3,710,828	282,438	8	90,803	2	191,636-	5-
06-08	18,346,740	694,436	4	88,663	0	605,773-	3-
07-09	21,948,454	1,166,639	5	170,824	1	995,815-	5-
08-10	24,049,928	2,019,758	8	165,413	1	1,854,345-	8-
09-11	29,619,902	1,918,248	6	158,893	1	1,759,355-	6-
10-12	27,523,717	1,305,690	5	19,790-	0	1,325,480-	5-
11-13	26,746,579	1,239,109	5	19,031	0	1,220,079-	5-
12-14	17,730,626	5,461,897	31	772,092	4	4,689,804-	26-
13-15	21,251,071	6,564,116	31	1,290,066	6	5,274,049-	25-
14-16	30,517,785	7,777,871	25	2,054,870	7	5,723,001-	19-
15-17	29,054,008	5,714,293	20	1,423,422	5	4,290,872-	15-
16-18	31,644,976	4,991,964	16	1,410,808	4	3,581,156-	11-
17-19	37,686,723	12,566,508	33	1,565,441	4	11,001,066-	29-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	38,413,692	17,531,320	46	7,832,075	20	9,699,245-	25-
19-21	46,034,270	22,087,813	48	7,506,135	16	14,581,678-	32-
FIVE-YEAR AVERAGE							
17-21	38,881,043	14,979,297	39	4,874,658	13	10,104,639-	26-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	8,271,513	746,606	9	4,240-	0	750,846-	9-
2004	7,720,858	370,704	5		0	370,704-	5-
2005	5,125,149	59,643	1		0	59,643-	1-
2006	1,937,688	222,694	11	216,001	11	6,693-	0
2007	2,969,507	149,195	5	11,134-	0	160,329-	5-
2008	8,653,956	269,379	3	1,884-	0	271,263-	3-
2009	10,542,295	445,763	4	129,578	1	316,185-	3-
2010	15,844,993	185,925	1	231-	0	186,156-	1-
2011	11,451,126	87,656	1	387-	0	88,043-	1-
2012	500,458		0		0		0
2013	3,163,658	115,120	4	6-	0	115,126-	4-
2014	11,718,255	3,933,698	34	2,012,785	17	1,920,914-	16-
2015	9,433,339	1,917,707	20	3,039,439	32	1,121,733	12
2016	10,263,569	1,221,267	12	2,169,931	21	948,664	9
2017	6,489,274	7,373,835	114	3,681,996	57	3,691,839-	57-
2018	6,928,558	1,108,817	16	218-	0	1,109,035-	16-
2019	21,341,467	7,738,063	36	2,667,381	12	5,070,682-	24-
2020	9,341,299	2,817,859	30	472,269	5	2,345,590-	25-
2021	10,502,671	1,435,439	14	2,880,604	27	1,445,165	14
TOTAL	162,199,633	30,199,370	19	17,251,882	11	12,947,487-	8-
THREE-YEAR MOVING AVERAGES							
03-05	7,039,173	392,318	6	1,413-	0	393,731-	6-
04-06	4,927,898	217,680	4	72,000	1	145,680-	3-
05-07	3,344,115	143,844	4	68,289	2	75,555-	2-
06-08	4,520,384	213,756	5	67,661	1	146,095-	3-
07-09	7,388,586	288,112	4	38,853	1	249,259-	3-
08-10	11,680,415	300,356	3	42,488	0	257,868-	2-
09-11	12,612,805	239,781	2	42,986	0	196,795-	2-
10-12	9,265,526	91,194	1	206-	0	91,400-	1-
11-13	5,038,414	67,592	1	131-	0	67,723-	1-
12-14	5,127,457	1,349,606	26	670,926	13	678,680-	13-
13-15	8,105,084	1,988,842	25	1,684,073	21	304,769-	4-
14-16	10,471,721	2,357,557	23	2,407,385	23	49,828	0
15-17	8,728,727	3,504,270	40	2,963,789	34	540,481-	6-
16-18	7,893,800	3,234,640	41	1,950,570	25	1,284,070-	16-
17-19	11,586,433	5,406,905	47	2,116,386	18	3,290,519-	28-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	12,537,108	3,888,246	31	1,046,477	8	2,841,769-	23-
19-21	13,728,479	3,997,120	29	2,006,751	15	1,990,369-	14-
FIVE-YEAR AVERAGE							
17-21	10,920,654	4,094,802	37	1,940,406	18	2,154,396-	20-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	165,612	3,900	2	28-	0	3,928-	2-
2004	8,510,912	106,601	1		0	106,601-	1-
2005	16,696	51	0		0	51-	0
2006	248,141	7,440	3	9,220	4	1,781	1
2007	410,049	5,374	1	513-	0	5,887-	1-
2008	396,007	3,216	1	29-	0	3,244-	1-
2009	315,847	268,709	85	78,106	25	190,603-	60-
2010	618,682	44,816	7		0	44,816-	7-
2011	8,016,906		0		0		0
2012	178,209		0		0		0
2013	868,632	24,974	3		0	24,974-	3-
2014	534,481	139,240	26	864	0	138,377-	26-
2015	437,636	73,359	17	24-	0	73,383-	17-
2016	1,951,614	347,341	18	8,628	0	338,713-	17-
2017	1,902,835	2,824,261	148	267,438	14	2,556,822-	134-
2018	234,886	163,723	70	5,178-	2-	168,902-	72-
2019	2,746,991	700,029	25	41,808	2	658,221-	24-
2020	1,614,082	535,858	33	3,296	0	532,562-	33-
2021	657,650	51,578	8	856-	0	52,434-	8-
TOTAL	29,825,867	5,300,467	18	402,733	1	4,897,734-	16-
THREE-YEAR MOVING AVERAGES							
03-05	2,897,740	36,850	1	9-	0	36,860-	1-
04-06	2,925,250	38,030	1	3,073	0	34,957-	1-
05-07	224,962	4,288	2	2,903	1	1,386-	1-
06-08	351,399	5,343	2	2,893	1	2,450-	1-
07-09	373,968	92,433	25	25,855	7	66,578-	18-
08-10	443,512	105,580	24	26,026	6	79,554-	18-
09-11	2,983,812	104,508	4	26,035	1	78,473-	3-
10-12	2,937,932	14,939	1		0	14,939-	1-
11-13	3,021,249	8,325	0		0	8,325-	0
12-14	527,107	54,738	10	288	0	54,450-	10-
13-15	613,583	79,191	13	280	0	78,911-	13-
14-16	974,577	186,647	19	3,156	0	183,491-	19-
15-17	1,430,695	1,081,654	76	92,014	6	989,639-	69-
16-18	1,363,111	1,111,775	82	90,296	7	1,021,479-	75-
17-19	1,628,237	1,229,337	76	101,356	6	1,127,981-	69-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	1,531,986	466,537	30	13,309	1	453,228-	30-
19-21	1,672,908	429,155	26	14,749	1	414,405-	25-
FIVE-YEAR AVERAGE							
17-21	1,431,289	855,090	60	61,302	4	793,788-	55-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	183,388	3,598	2		0	3,598-	2-
2004	1,312,136	13,696	1		0	13,696-	1-
2005	2,538,358	6,422	0		0	6,422-	0
2006	875,085	21,863	2		0	21,863-	2-
2007	3,085,072	33,696	1		0	33,696-	1-
2008	4,740,474	32,078	1		0	32,078-	1-
2009	1,018,443	72,568	7	21,095	2	51,473-	5-
2010	378,879	4,617-	1-		0	4,617	1
2011	2,203,386	20,804	1		0	20,804-	1-
2012	2,211,734		0		0		0
2013	53,576	26,740	50		0	26,740-	50-
2014	480,639	412,717	86	2,406-	1-	415,123-	86-
2015	1,003,238	8,867	1		0	8,867-	1-
2016	343,485	94,102	27		0	94,102-	27-
2017	1,566,405	179,481	11		0	179,481-	11-
2018	116,684	146,250	125		0	146,250-	125-
2019	297,448	294,721	99	6,259	2	288,463-	97-
2020	297,052	102,042	34	2,580	1	99,463-	33-
2021	41,790	93,415	224		0	93,415-	224-
TOTAL	22,747,273	1,558,444	7	27,527	0	1,530,918-	7-
THREE-YEAR MOVING AVERAGES							
03-05	1,344,627	7,905	1		0	7,905-	1-
04-06	1,575,193	13,994	1		0	13,994-	1-
05-07	2,166,172	20,660	1		0	20,660-	1-
06-08	2,900,210	29,213	1		0	29,213-	1-
07-09	2,947,996	46,114	2	7,032	0	39,082-	1-
08-10	2,045,932	33,343	2	7,032	0	26,311-	1-
09-11	1,200,236	29,585	2	7,032	1	22,553-	2-
10-12	1,598,000	5,395	0		0	5,395-	0
11-13	1,489,565	15,848	1		0	15,848-	1-
12-14	915,316	146,486	16	802-	0	147,288-	16-
13-15	512,484	149,441	29	802-	0	150,243-	29-
14-16	609,121	171,896	28	802-	0	172,698-	28-
15-17	971,043	94,150	10		0	94,150-	10-
16-18	675,525	139,944	21		0	139,944-	21-
17-19	660,179	206,818	31	2,086	0	204,731-	31-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	237,062	181,005	76	2,946	1	178,058-	75-
19-21	212,097	163,393	77	2,946	1	160,447-	76-
FIVE-YEAR AVERAGE							
17-21	463,876	163,182	35	1,768	0	161,414-	35-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	2,993,967	23,195	1		0	23,195-	1-
2004	17,280,991	5,591	0		0	5,591-	0
2005	7,992,284	10,932	0		0	10,932-	0
2006	11,142,930	26,623	0		0	26,623-	0
2007	15,046,388	20,549	0		0	20,549-	0
2008	13,774,412	19,910	0		0	19,910-	0
2009	5,133,126	722,480	14	5,575	0	716,905-	14-
2010	3,876,195		0		0		0
2011	6,244,032	1,784,789	29	30,815-	0	1,815,604-	29-
2012	5,248,258	57,263	1		0	57,263-	1-
2013	7,287,183	2,267,458	31	9,803-	0	2,277,261-	31-
2014	9,936,020	2,205,100	22	248,126-	2-	2,453,226-	25-
2015	10,610,136	2,745,808	26	32,537-	0	2,778,345-	26-
2016	8,180,399	4,650,518	57	26,113-	0	4,676,631-	57-
2017	16,692,671	1,527,547	9	5,751-	0	1,533,298-	9-
2018	7,916,066	375,104	5	12,617-	0	387,722-	5-
2019	23,383,559	5,310,670	23	6,247-	0	5,316,917-	23-
2020	13,928,549	3,682,931	26	25,028-	0	3,707,959-	27-
2021	12,548,607	2,320,082	18	16,691-	0	2,336,774-	19-
TOTAL	199,215,772	27,756,550	14	408,153-	0	28,164,703-	14-
THREE-YEAR MOVING AVERAGES							
03-05	9,422,414	13,239	0		0	13,239-	0
04-06	12,138,735	14,382	0		0	14,382-	0
05-07	11,393,867	19,368	0		0	19,368-	0
06-08	13,321,243	22,361	0		0	22,361-	0
07-09	11,317,975	254,313	2	1,858	0	252,455-	2-
08-10	7,594,578	247,463	3	1,858	0	245,605-	3-
09-11	5,084,451	835,756	16	8,413-	0	844,170-	17-
10-12	5,122,828	614,017	12	10,272-	0	624,289-	12-
11-13	6,259,824	1,369,837	22	13,539-	0	1,383,376-	22-
12-14	7,490,487	1,509,940	20	85,976-	1-	1,595,917-	21-
13-15	9,277,779	2,406,122	26	96,822-	1-	2,502,944-	27-
14-16	9,575,518	3,200,475	33	102,259-	1-	3,302,734-	34-
15-17	11,827,735	2,974,624	25	21,467-	0	2,996,091-	25-
16-18	10,929,712	2,184,390	20	14,827-	0	2,199,217-	20-
17-19	15,997,432	2,404,440	15	8,205-	0	2,412,645-	15-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	15,076,058	3,122,902	21	14,631-	0	3,137,532-	21-
19-21	16,620,238	3,771,228	23	15,989-	0	3,787,216-	23-
FIVE-YEAR AVERAGE							
17-21	14,893,890	2,643,267	18	13,267-	0	2,656,534-	18-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	48,400,613	27,955,625	58		0	27,955,625-	58-
2004	98,169,973	2,367,890	2		0	2,367,890-	2-
2005	11,469,863	1,190,179	10		0	1,190,179-	10-
2006	7,527,213	1,340,795	18	699,649	9	641,146-	9-
2007	14,564,570	1,562,678	11	1,006,988	7	555,690-	4-
2008	31,862,483	3,652,862	11	2,437,882	8	1,214,980-	4-
2009	16,467,918	1,557,316	9	12,860	0	1,544,456-	9-
2010	23,718,799	25,318	0		0	25,318-	0
2011	27,787,436	2,850,589	10	634,519	2	2,216,070-	8-
2012	25,180,737	278,262	1	2,202-	0	280,464-	1-
2013	30,324,064	2,909,936-	10-	31,334-	0	2,878,602	9
2014	13,509,432	4,938,911	37	2,511,680-	19-	7,450,590-	55-
2015	19,431,909	15,951,654	82	1,054,596	5	14,897,058-	77-
2016	27,978,941	3,372,337	12	92,494	0	3,279,843-	12-
2017	27,555,498	7,935,416	29	56,517	0	7,878,899-	29-
2018	29,669,738	86,327	0	10,908,160	37	10,821,833	36
2019	29,538,071	7,560,999	26	8,268,516	28	707,517	2
2020	23,668,106	5,469,630	23	1,230,232	5	4,239,398-	18-
2021	32,877,790	6,477,589	20	5,132,121	16	1,345,468-	4-
TOTAL	539,703,153	91,664,441	17	28,989,317	5	62,675,124-	12-
THREE-YEAR MOVING AVERAGES							
03-05	52,680,150	10,504,565	20		0	10,504,565-	20-
04-06	39,055,683	1,632,955	4	233,216	1	1,399,738-	4-
05-07	11,187,215	1,364,551	12	568,879	5	795,672-	7-
06-08	17,984,755	2,185,445	12	1,381,506	8	803,939-	4-
07-09	20,964,990	2,257,619	11	1,152,577	5	1,105,042-	5-
08-10	24,016,400	1,745,165	7	816,914	3	928,251-	4-
09-11	22,658,051	1,477,741	7	215,793	1	1,261,948-	6-
10-12	25,562,324	1,051,390	4	210,772	1	840,617-	3-
11-13	27,764,079	72,972	0	200,328	1	127,356	0
12-14	23,004,744	769,079	3	848,405-	4-	1,617,484-	7-
13-15	21,088,468	5,993,543	28	496,139-	2-	6,489,682-	31-
14-16	20,306,760	8,087,634	40	454,863-	2-	8,542,497-	42-
15-17	24,988,782	9,086,469	36	401,202	2	8,685,266-	35-
16-18	28,401,392	3,798,027	13	3,685,724	13	112,303-	0
17-19	28,921,102	5,194,247	18	6,411,064	22	1,216,817	4

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	27,625,305	4,372,319	16	6,802,303	25	2,429,984	9
19-21	28,694,656	6,502,739	23	4,876,956	17	1,625,783-	6-
FIVE-YEAR AVERAGE							
17-21	28,661,841	5,505,992	19	5,119,109	18	386,883-	1-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	22,939,734	16,026,461	70		0	16,026,461-	70-
2004	10,557,152	308,007	3		0	308,007-	3-
2005	7,587,256	935,882	12		0	935,882-	12-
2006	7,082,848	1,526,044	22	987,518	14	538,526-	8-
2007	10,544,205	1,298,573	12	1,037,722	10	260,851-	2-
2008	8,564,905	1,077,695	13	891,940	10	185,755-	2-
2009	12,656,242	391,900	3	3,024	0	388,877-	3-
2010	14,638,737		0		0		0
2011	1,481,400	530,248	36	9,235-	1-	539,482-	36-
2012	1,170,120	94,417	8	18,689	2	75,728-	6-
2013	14,240,814	1,027,409	7	158,429	1	868,980-	6-
2014	61,511,881	2,420,696	4	6,090-	0	2,426,786-	4-
2015	45,084,098	4,890,398	11	141,605	0	4,748,793-	11-
2016	8,067,212	1,244,188-	15-	147,564	2	1,391,751	17
2017	4,292,629	937,568	22	181,800	4	755,769-	18-
2018	975,790	10,038	1		0	10,038-	1-
2019	20,812,425	9,265,097	45	484,730-	2-	9,749,827-	47-
2020	44,776,929	2,703,092	6	2,045,368	5	657,725-	1-
2021	5,700,808	229,808	4	1,588,131	28	1,358,323	24
TOTAL	302,685,184	42,429,147	14	6,701,734	2	35,727,412-	12-
THREE-YEAR MOVING AVERAGES							
03-05	13,694,714	5,756,783	42		0	5,756,783-	42-
04-06	8,409,085	923,311	11	329,173	4	594,138-	7-
05-07	8,404,770	1,253,500	15	675,080	8	578,420-	7-
06-08	8,730,653	1,300,771	15	972,393	11	328,377-	4-
07-09	10,588,451	922,723	9	644,229	6	278,494-	3-
08-10	11,953,294	489,865	4	298,321	2	191,544-	2-
09-11	9,592,126	307,383	3	2,070-	0	309,453-	3-
10-12	5,763,419	208,221	4	3,151	0	205,070-	4-
11-13	5,630,778	550,691	10	55,961	1	494,730-	9-
12-14	25,640,938	1,180,841	5	57,009	0	1,123,831-	4-
13-15	40,278,931	2,779,501	7	97,982	0	2,681,520-	7-
14-16	38,221,064	2,022,302	5	94,360	0	1,927,943-	5-
15-17	19,147,980	1,527,926	8	156,989	1	1,370,937-	7-
16-18	4,445,211	98,860-	2-	109,788	2	208,648	5
17-19	8,693,615	3,404,234	39	100,977-	1-	3,505,211-	40-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	22,188,382	3,992,742	18	520,213	2	3,472,530-	16-
19-21	23,763,387	4,065,999	17	1,049,590	4	3,016,410-	13-
FIVE-YEAR AVERAGE							
17-21	15,311,716	2,629,121	17	666,114	4	1,963,007-	13-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	2,017,140	730,763	36		0	730,763-	36-
2004	5,600,030	108,757	2		0	108,757-	2-
2005	618,204	62,074-	10-		0	62,074	10
2006	1,486,737	166,106	11	69,096	5	97,010-	7-
2007	4,306,631	275,031	6	141,281	3	133,750-	3-
2008	6,463,117	436,314	7	232,127	4	204,187-	3-
2009	1,865,496	246,594	13	1,903	0	244,691-	13-
2010	227,512		0		0		0
2011	4,776,515	533,264	11	238-	0	533,503-	11-
2012	8,645,354	6,016	0		0	6,015-	0
2013	10,194,964	565,104	6	14,212	0	550,892-	5-
2014	5,129,965	909,590	18	2,447-	0	912,037-	18-
2015	9,412,979	2,625,011	28	36,423	0	2,588,588-	28-
2016	3,396,598	205,013	6	523-	0	205,536-	6-
2017	7,341,862	155,234	2		0	155,234-	2-
2018	9,433,289	148,432	2	106	0	148,326-	2-
2019	7,990,516	875,359	11	41,804-	1-	917,163-	11-
2020	5,109,956	468,300	9	11,607-	0	479,907-	9-
2021	2,484,116	99,882	4		0	99,882-	4-
TOTAL	96,500,980	8,492,695	9	438,528	0	8,054,167-	8-
THREE-YEAR MOVING AVERAGES							
03-05	2,745,125	259,149	9		0	259,149-	9-
04-06	2,568,324	70,930	3	23,032	1	47,898-	2-
05-07	2,137,191	126,354	6	70,126	3	56,229-	3-
06-08	4,085,495	292,484	7	147,501	4	144,982-	4-
07-09	4,211,748	319,313	8	125,104	3	194,209-	5-
08-10	2,852,042	227,636	8	78,010	3	149,626-	5-
09-11	2,289,841	259,953	11	555	0	259,398-	11-
10-12	4,549,794	179,760	4	79-	0	179,839-	4-
11-13	7,872,278	368,128	5	4,658	0	363,470-	5-
12-14	7,990,094	493,570	6	3,922	0	489,648-	6-
13-15	8,245,969	1,366,568	17	16,063	0	1,350,506-	16-
14-16	5,979,847	1,246,538	21	11,151	0	1,235,387-	21-
15-17	6,717,146	995,086	15	11,967	0	983,119-	15-
16-18	6,723,916	169,560	3	139-	0	169,699-	3-
17-19	8,255,222	393,008	5	13,899-	0	406,908-	5-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	7,511,254	497,364	7	17,768-	0	515,132-	7-
19-21	5,194,863	481,180	9	17,804-	0	498,984-	10-
FIVE-YEAR AVERAGE							
17-21	6,471,948	349,442	5	10,661-	0	360,102-	6-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	234,223	108,030-	46-		0	108,030	46
2004	3,812,103	73,425-	2-		0	73,425	2
2005							
2006	3,842	546-	14-		0	546	14
2007	1,981,446	161,101-	8-		0	161,101	8
2008	2,411,117	200,288-	8-		0	200,288	8
2009	7,448	231,470		1,786	24	229,684-	
2010	1,323,573	0			0		0
2011	2,325,751	28,322	1		0	28,322-	1-
2012	10,157,360	7,311	0		0	7,311-	0
2013	106,097	138,554	131		0	138,554-	131-
2014	88,983	227,283	255	5,542-	6-	232,825-	262-
2015	116,962	12,546	11		0	12,546-	11-
2016	1,048,928	129,331	12	196-	0	129,527-	12-
2017	2,039,222	283,699	14	945-	0	284,644-	14-
2018	410,845	79,433	19		0	79,433-	19-
2019	630,705	48,876	8		0	48,876-	8-
2020	377,220	306,721	81	36,495	10	270,226-	72-
2021	394,777	91,464	23	1,991-	1-	93,455-	24-
TOTAL	27,470,601	1,041,620	4	29,607	0	1,012,013-	4-
THREE-YEAR MOVING AVERAGES							
03-05	1,348,775	60,485-	4-		0	60,485	4
04-06	1,271,982	24,657-	2-		0	24,657	2
05-07	661,763	53,882-	8-		0	53,882	8
06-08	1,465,468	120,645-	8-		0	120,645	8
07-09	1,466,670	43,306-	3-	595	0	43,902	3
08-10	1,247,379	10,394	1	595	0	9,799-	1-
09-11	1,218,924	86,597	7	595	0	86,002-	7-
10-12	4,602,228	11,878	0		0	11,878-	0
11-13	4,196,403	58,062	1		0	58,062-	1-
12-14	3,450,813	124,383	4	1,847-	0	126,230-	4-
13-15	104,014	126,128	121	1,847-	2-	127,975-	123-
14-16	418,291	123,053	29	1,913-	0	124,966-	30-
15-17	1,068,371	141,858	13	380-	0	142,239-	13-
16-18	1,166,331	164,154	14	380-	0	164,535-	14-
17-19	1,026,924	137,336	13	315-	0	137,651-	13-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	472,924	145,010	31	12,165	3	132,845-	28-
19-21	467,568	149,020	32	11,501	2	137,519-	29-
FIVE-YEAR AVERAGE							
17-21	770,554	162,039	21	6,712	1	155,327-	20-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	303,059	62,328	21		0	62,328-	21-
2004	184,892	15,946	9		0	15,946-	9-
2005	313,028	7,726	2		0	7,726-	2-
2006	1,278,837	163,646	13		0	163,646-	13-
2007	171,422	14,528	8		0	14,528-	8-
2008	1,258,668	24,710	2		0	24,710-	2-
2009	284,419	785	0		0	785-	0
2010	8,567	77,286	902		0	77,286-	902-
2011	347,027	15,488	4		0	15,488-	4-
2012	162,587		0		0		0
2013	29,704		0		0		0
2014	1,285,095	758,694	59	2,154-	0	760,848-	59-
2015	6,028,355	207,051	3		0	207,051-	3-
2016	353,535	1,104,411	312	715-	0	1,105,126-	313-
2017	1,871,828	1,704,754	91	161-	0	1,704,915-	91-
2018	984,203	456,755	46	37-	0	456,792-	46-
2019	2,709,653	2,954,517	109	1,067-	0	2,955,585-	109-
2020	1,341,918	713,008	53	50-	0	713,058-	53-
2021	219,494	525,079	239	3,365-	2-	528,444-	241-
TOTAL	19,136,291	8,806,712	46	7,549-	0	8,814,261-	46-
THREE-YEAR MOVING AVERAGES							
03-05	266,993	28,667	11		0	28,667-	11-
04-06	592,252	62,439	11		0	62,439-	11-
05-07	587,762	61,966	11		0	61,966-	11-
06-08	902,976	67,628	7		0	67,628-	7-
07-09	571,503	13,341	2		0	13,341-	2-
08-10	517,218	34,260	7		0	34,260-	7-
09-11	213,338	31,186	15		0	31,186-	15-
10-12	172,727	30,925	18		0	30,925-	18-
11-13	179,773	5,163	3		0	5,163-	3-
12-14	492,462	252,898	51	718-	0	253,616-	51-
13-15	2,447,718	321,915	13	718-	0	322,633-	13-
14-16	2,555,662	690,052	27	956-	0	691,008-	27-
15-17	2,751,239	1,005,405	37	292-	0	1,005,697-	37-
16-18	1,069,855	1,088,640	102	304-	0	1,088,944-	102-
17-19	1,855,228	1,705,342	92	422-	0	1,705,764-	92-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	1,678,592	1,374,760	82	385-	0	1,375,145-	82-
19-21	1,423,688	1,397,535	98	1,494-	0	1,399,029-	98-
FIVE-YEAR AVERAGE							
17-21	1,425,419	1,270,823	89	936-	0	1,271,759-	89-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	103,164-		0		0		0
2004	134,432	30,145	22		0	30,145-	22-
2005	396,929	25,470	6		0	25,470-	6-
2006	39,286	13,071	33	77-	0	13,147-	33-
2007	290,189	78,150	27	1,265-	0	79,415-	27-
2008	11,769,707	582,851	5	42,452-	0	625,304-	5-
2009		1,797				1,797-	
2010	62,429		0		0		0
2011		676,621				676,621-	
2012	27,687		0		0		0
2013	32,246		0		0		0
2014	442,257	3,743,321	846	13,435-	3-	3,756,756-	849-
2015	453,265	530,234	117		0	530,234-	117-
2016	756,158	843,697	112		0	843,697-	112-
2017	361,907	68,990	19		0	68,990-	19-
2018	834,598	2,135,213	256		0	2,135,213-	256-
2019	2,921,727	3,002,777	103	499-	0	3,003,275-	103-
2020	4,508,006	1,481,362	33		0	1,481,362-	33-
2021	2,523,146	369,879	15		0	369,879-	15-
TOTAL	25,450,805	13,583,578	53	57,727-	0	13,641,305-	54-
THREE-YEAR MOVING AVERAGES							
03-05	142,732	18,539	13		0	18,539-	13-
04-06	190,216	22,895	12	26-	0	22,921-	12-
05-07	242,135	38,897	16	447-	0	39,344-	16-
06-08	4,033,061	224,691	6	14,598-	0	239,289-	6-
07-09	4,019,965	220,933	5	14,572-	0	235,505-	6-
08-10	3,944,045	194,883	5	14,151-	0	209,033-	5-
09-11	20,810	226,139			0	226,139-	
10-12	30,039	225,540	751		0	225,540-	751-
11-13	19,978	225,540			0	225,540-	
12-14	167,397	1,247,774	745	4,478-	3-	1,252,252-	748-
13-15	309,256	1,424,518	461	4,478-	1-	1,428,997-	462-
14-16	550,560	1,705,751	310	4,478-	1-	1,710,229-	311-
15-17	523,776	480,974	92		0	480,974-	92-
16-18	650,888	1,015,966	156		0	1,015,966-	156-
17-19	1,372,744	1,735,660	126	166-	0	1,735,826-	126-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	2,754,777	2,206,450	80	166-	0	2,206,617-	80-
19-21	3,317,627	1,618,006	49	166-	0	1,618,172-	49-
FIVE-YEAR AVERAGE							
17-21	2,229,877	1,411,644	63	100-	0	1,411,744-	63-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,305	590	45		0	590-	45-
2004	2,826,734	536,356	19		0	536,356-	19-
2005	5,506,025	298,956	5		0	298,956-	5-
2006	369,116	103,914	28	1,439-	0	105,353-	29-
2007	1,405,549	262,061	19	10,027-	1-	272,088-	19-
2008	7,094,740	297,288	4	51,180-	1-	348,469-	5-
2009	195,071	1,333	1		0	1,333-	1-
2010	24,261	15,621	64		0	15,621-	64-
2011	2,357,244	274,869	12	330-	0	275,198-	12-
2012	414,706		0		0		0
2013	597,988		0		0		0
2014	5,462,060	5,590,089	102	18,621-	0	5,608,710-	103-
2015	970,188	247,878	26	8,732	1	239,146-	25-
2016	2,690,690	132,913	5	3,010	0	129,904-	5-
2017	4,744,936	2,570,515	54	263,956	6	2,306,559-	49-
2018	9,676,230	462,561	5		0	462,561-	5-
2019	2,453,444	9,112,321	371	747,838	30	8,364,483-	341-
2020	30,076,722	219,692	1	24,000	0	195,692-	1-
2021	34,359,050	3,160,001	9	93,368	0	3,066,633-	9-
TOTAL	111,226,060	23,286,959	21	1,059,307	1	22,227,653-	20-
THREE-YEAR MOVING AVERAGES							
03-05	2,778,021	278,634	10		0	278,634-	10-
04-06	2,900,625	313,076	11	480-	0	313,555-	11-
05-07	2,426,897	221,644	9	3,822-	0	225,466-	9-
06-08	2,956,468	221,088	7	20,882-	1-	241,970-	8-
07-09	2,898,453	186,894	6	20,402-	1-	207,297-	7-
08-10	2,438,024	104,748	4	17,060-	1-	121,808-	5-
09-11	858,859	97,274	11	110-	0	97,384-	11-
10-12	932,070	96,830	10	110-	0	96,940-	10-
11-13	1,123,313	91,623	8	110-	0	91,733-	8-
12-14	2,158,251	1,863,363	86	6,207-	0	1,869,570-	87-
13-15	2,343,412	1,945,989	83	3,296-	0	1,949,285-	83-
14-16	3,040,979	1,990,293	65	2,293-	0	1,992,586-	66-
15-17	2,801,938	983,769	35	91,899	3	891,870-	32-
16-18	5,703,952	1,055,330	19	88,988	2	966,341-	17-
17-19	5,624,870	4,048,466	72	337,264	6	3,711,201-	66-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	14,068,799	3,264,858	23	257,279	2	3,007,579-	21-
19-21	22,296,406	4,164,004	19	288,402	1	3,875,603-	17-
FIVE-YEAR AVERAGE							
17-21	16,262,077	3,105,018	19	225,832	1	2,879,186-	18-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	331,675	40,928	12		0	40,928-	12-
2004	212,237	10,983	5		0	10,983-	5-
2005	179,350	2,656	1		0	2,656-	1-
2006	388,600	29,836	8	757-	0	30,594-	8-
2007	11,812	601	5	42-	0	643-	5-
2008	535,995	6,125	1	1,933-	0	8,059-	2-
2009	95,637	327	0		0	327-	0
2010	170,727	17,862	10		0	17,862-	10-
2011	772,159	16,478	2		0	16,478-	2-
2012	93,876		0		0		0
2013	99,747		0		0		0
2014	592,841	353,227	60	1,139-	0	354,366-	60-
2015	434,628	91,941	21		0	91,941-	21-
2016	615,423	114,925	19	206-	0	115,131-	19-
2017	567,771	42,992	8		0	42,992-	8-
2018	913,168	64,212	7		0	64,212-	7-
2019	2,234,216	555,864	25		0	555,864-	25-
2020	5,761,654	385,325	7		0	385,325-	7-
2021	219,643	178,544	81		0	178,544-	81-
TOTAL	14,231,158	1,912,826	13	4,078-	0	1,916,904-	13-
THREE-YEAR MOVING AVERAGES							
03-05	241,087	18,189	8		0	18,189-	8-
04-06	260,062	14,492	6	252-	0	14,744-	6-
05-07	193,254	11,031	6	267-	0	11,297-	6-
06-08	312,136	12,187	4	911-	0	13,098-	4-
07-09	214,481	2,351	1	658-	0	3,009-	1-
08-10	267,453	8,105	3	644-	0	8,749-	3-
09-11	346,174	11,556	3		0	11,556-	3-
10-12	345,587	11,447	3		0	11,447-	3-
11-13	321,927	5,493	2		0	5,493-	2-
12-14	262,155	117,742	45	380-	0	118,122-	45-
13-15	375,739	148,389	39	380-	0	148,769-	40-
14-16	547,631	186,698	34	448-	0	187,146-	34-
15-17	539,274	83,286	15	69-	0	83,355-	15-
16-18	698,787	74,043	11	69-	0	74,112-	11-
17-19	1,238,385	221,023	18		0	221,023-	18-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	2,969,679	335,134	11		0	335,134-	11-
19-21	2,738,504	373,244	14		0	373,244-	14-
FIVE-YEAR AVERAGE							
17-21	1,939,290	245,387	13		0	245,387-	13-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	47,178	4,851	10		0	4,851-	10-
2004	1,000	43	4		0	43-	4-
2005	79,427	980	1		0	980-	1-
2006	1,210,123	77,427	6		0	77,427-	6-
2007	67,432	2,857	4		0	2,857-	4-
2008	256,855	2,446	1		0	2,446-	1-
2009	435,026	107	0		0	107-	0
2010	5,333	11,263	211		0	11,263-	211-
2011	268,481	94,839	35	10,708-	4-	105,547-	39-
2012	2,354		0		0		0
2013	6,503		0		0		0
2014		550,683		1,841-		552,524-	
2015		2,240,087		112,517-		2,352,604-	
2016	129,085	46,271	36		0	46,271-	36-
2017	246,482	8,355	3		0	8,355-	3-
2018	282,725	16,626	6		0	16,626-	6-
2019	499,692	23,797	5		0	23,797-	5-
2020	5,228	1,050	20		0	1,050-	20-
2021	58,297		0		0		0
TOTAL	3,601,221	3,081,682	86	125,066-	3-	3,206,748-	89-
THREE-YEAR MOVING AVERAGES							
03-05	42,535	1,958	5		0	1,958-	5-
04-06	430,183	26,150	6		0	26,150-	6-
05-07	452,327	27,088	6		0	27,088-	6-
06-08	511,470	27,577	5		0	27,577-	5-
07-09	253,104	1,803	1		0	1,803-	1-
08-10	232,405	4,605	2		0	4,605-	2-
09-11	236,280	35,403	15	3,569-	2-	38,972-	16-
10-12	92,056	35,367	38	3,569-	4-	38,937-	42-
11-13	92,446	31,613	34	3,569-	4-	35,182-	38-
12-14	2,952	183,561		614-	21-	184,175-	
13-15	2,168	930,257		38,120-		968,376-	
14-16	43,028	945,680		38,120-	89-	983,800-	
15-17	125,189	764,904	611	37,506-	30-	802,410-	641-
16-18	219,431	23,751	11		0	23,751-	11-
17-19	342,967	16,259	5		0	16,259-	5-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20	262,549	13,824	5		0	13,824-	5-
19-21	187,739	8,282	4		0	8,282-	4-
FIVE-YEAR AVERAGE							
17-21	218,485	9,965	5		0	9,965-	5-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	9,881		0		0		0
2004							
2005							
2006							
2007							
2008	125,396		0		0		0
2009	1,289	52	4		0	52-	4-
2010	2,773		0		0		0
2011		5,000				5,000-	
2012							
2013							
2014	232,152	343,457	148		0	343,457-	148-
2015							
2016							
2017							
2018							
2019							
2020							
2021							
TOTAL	371,490	348,509	94		0	348,509-	94-
THREE-YEAR MOVING AVERAGES							
03-05	3,294		0		0		0
04-06							
05-07							
06-08	41,799		0		0		0
07-09	42,228	17	0		0	17-	0
08-10	43,153	17	0		0	17-	0
09-11	1,354	1,684	124		0	1,684-	124-
10-12	924	1,667	180		0	1,667-	180-
11-13		1,667				1,667-	
12-14	77,384	114,486	148		0	114,486-	148-
13-15	77,384	114,486	148		0	114,486-	148-
14-16	77,384	114,486	148		0	114,486-	148-
15-17							
16-18							
17-19							

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20							
19-21							
FIVE-YEAR AVERAGE							
17-21							

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2004	84,115		0		0		0
2005							
2006							
2007							
2008	59,043		0		0		0
2009				65,997		65,997	
2010							
2011							
2012	100,383		0		0		0
2013							
2014							
2015	43,560	3,703	9		0	3,703-	9-
2016	135,844		0		0		0
2017	2,669,973	667,591	25	1,700-	0	669,291-	25-
2018	72,194	3,616	5		0	3,616-	5-
2019	494,476	1,479,073	299		0	1,479,073-	299-
2020	346,866	413,478	119	35,335	10	378,142-	109-
2021	338,188	886,152	262		0	886,152-	262-
TOTAL	4,344,641	3,453,612	79	99,632	2	3,353,980-	77-
THREE-YEAR MOVING AVERAGES							
04-06	28,038		0		0		0
05-07							
06-08	19,681		0		0		0
07-09	19,681		0	21,999	112	21,999	112
08-10	19,681		0	21,999	112	21,999	112
09-11				21,999		21,999	
10-12	33,461		0		0		0
11-13	33,461		0		0		0
12-14	33,461		0		0		0
13-15	14,520	1,234	9		0	1,234-	9-
14-16	59,801	1,234	2		0	1,234-	2-
15-17	949,792	223,764	24	567-	0	224,331-	24-
16-18	959,337	223,736	23	567-	0	224,302-	23-
17-19	1,078,881	716,760	66	567-	0	717,326-	66-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	304,512	632,056	208	11,778	4	620,277-	204-
19-21	393,177	926,234	236	11,778	3	914,456-	233-
FIVE-YEAR AVERAGE							
17-21	784,339	689,982	88	6,727	1	683,255-	87-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2007		73,462-				73,462	
2008	678,087	28,935-	4-		0	28,935	4
2009				33,774		33,774	
2010							
2011							
2012	393,409		0		0		0
2013							
2014	152,372		0		0		0
2015	665,472	54,162	8		0	54,162-	8-
2016	208,513	9,542	5	210,080	101	200,538	96
2017	60,785	6,802	11	47,363	78	40,561	67
2018	823,391	7,000	1		0	7,000-	1-
2019	266,181	160,207	60		0	160,207-	60-
2020	715,601	253,016	35	29,874	4	223,142-	31-
2021	45,360		0		0		0
TOTAL	4,009,171	388,332	10	321,091	8	67,240-	2-
THREE-YEAR MOVING AVERAGES							
07-09	226,029	34,132-	15-	11,258	5	45,390	20
08-10	226,029	9,645-	4-	11,258	5	20,903	9
09-11				11,258		11,258	
10-12	131,136		0		0		0
11-13	131,136		0		0		0
12-14	181,927		0		0		0
13-15	272,615	18,054	7		0	18,054-	7-
14-16	342,119	21,235	6	70,027	20	48,792	14
15-17	311,590	23,502	8	85,814	28	62,313	20
16-18	364,230	7,781	2	85,814	24	78,033	21
17-19	383,452	58,003	15	15,788	4	42,215-	11-
18-20	601,724	140,074	23	9,958	2	130,116-	22-
19-21	342,381	137,741	40	9,958	3	127,783-	37-
FIVE-YEAR AVERAGE							
17-21	382,264	85,405	22	15,447	4	69,957-	18-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	303,883	467,376	154		0	467,376-	154-
2004							
2005							
2006							
2007		906,796-				906,796	
2008	2,348,509	357,167-	15-		0	357,167	15
2009				549,189		549,189	
2010		611,605		6,332,053		5,720,448	
2011	597,868		0		0		0
2012	14,857,157		0		0		0
2013	7,877,527		0		0		0
2014	11,876,939	466,433	4	13,833,621	116	13,367,188	113
2015	8,818,791	593,326	7	1,744,232	20	1,150,906	13
2016	17,918,917	3,313,256	18	16,870,580	94	13,557,324	76
2017	972,611	399,399	41		0	399,399-	41-
2018	3,449,167	115,891	3		0	115,891-	3-
2019	12,748,254	845,246	7	321,700	3	523,546-	4-
2020	21,085,469	2,253,079	11	22,483,976	107	20,230,897	96
2021	22,731,371	507,308	2	6,155,655	27	5,648,347	25
TOTAL	125,586,463	8,308,955	7	68,291,006	54	59,982,050	48

THREE-YEAR MOVING AVERAGES

03-05	101,294	155,792	154		0	155,792-	154-
04-06							
05-07		302,265-				302,265	
06-08	782,836	421,321-	54-		0	421,321	54
07-09	782,836	421,321-	54-	183,063	23	604,384	77
08-10	782,836	84,813	11	2,293,747	293	2,208,935	282
09-11	199,289	203,868	102	2,293,747		2,089,879	
10-12	5,151,675	203,868	4	2,110,684	41	1,906,816	37
11-13	7,777,517		0		0		0
12-14	11,537,208	155,478	1	4,611,207	40	4,455,729	39
13-15	9,524,419	353,253	4	5,192,617	55	4,839,365	51
14-16	12,871,549	1,457,672	11	10,816,144	84	9,358,473	73
15-17	9,236,773	1,435,327	16	6,204,937	67	4,769,610	52
16-18	7,446,898	1,276,182	17	5,623,527	76	4,347,345	58
17-19	5,723,344	453,512	8	107,233	2	346,279-	6-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	12,427,630	1,071,405	9	7,601,892	61	6,530,487	53
19-21	18,855,031	1,201,878	6	9,653,777	51	8,451,899	45
FIVE-YEAR AVERAGE							
17-21	12,197,374	824,185	7	5,792,266	47	4,968,082	41

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2015	17,847,444		0		0		0
2016	48,686,956		0	51,278,830	105	51,278,830	105
2017							
2018							
2019							
2020	27,254,802	3,536,060	13	43,330,513	159	39,794,453	146
2021	25,321,040	1,733,877	7	26,982,070	107	25,248,193	100
TOTAL	119,110,242	5,269,937	4	121,591,414	102	116,321,476	98
THREE-YEAR MOVING AVERAGES							
15-17	22,178,133		0	17,092,943	77	17,092,943	77
16-18	16,228,985		0	17,092,943	105	17,092,943	105
17-19							
18-20	9,084,934	1,178,687	13	14,443,504	159	13,264,818	146
19-21	17,525,281	1,756,646	10	23,437,528	134	21,680,882	124
FIVE-YEAR AVERAGE							
17-21	10,515,168	1,053,987	10	14,062,517	134	13,008,529	124

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	26,297	40,445	154		0	40,445-	154-
2004	4,554		0		0		0
2005	5,003		0		0		0
2006							
2007		1,267,624-				1,267,624	
2008	9,000,593	499,289-	6-		0	499,289	6
2009	2,678,372		0	444,778	17	444,778	17
2010	6,286,291		0		0		0
2011	336,428	111,700-	33-		0	111,700	33
2012	18,330,397	356,039	2	4,927,912	27	4,571,873	25
2013							
2014	9,019,434	861,572	10	5,207,622	58	4,346,050	48
2015	4,789,584	2,104	0		0	2,104-	0
2016	513,557	300,437	59	6,517,421		6,216,985	
2017	1,400,401	163,125	12	500-	0	163,625-	12-
2018	200,699	34,916	17		0	34,916-	17-
2019	1,235,355	2,745,956	222	1,650,785	134	1,095,171-	89-
2020	807,270	4,700,260	582	3,050,455	378	1,649,805-	204-
2021	42,673	51,786	121		0	51,786-	121-
TOTAL	54,676,909	7,378,028	13	21,798,473	40	14,420,445	26
THREE-YEAR MOVING AVERAGES							
03-05	11,951	13,482	113		0	13,482-	113-
04-06	3,186		0		0		0
05-07	1,668	422,541-			0	422,541	
06-08	3,000,198	588,971-	20-		0	588,971	20
07-09	3,892,988	588,971-	15-	148,259	4	737,230	19
08-10	5,988,419	166,430-	3-	148,259	2	314,689	5
09-11	3,100,364	37,233-	1-	148,259	5	185,493	6
10-12	8,317,705	81,446	1	1,642,637	20	1,561,191	19
11-13	6,222,275	81,446	1	1,642,637	26	1,561,191	25
12-14	9,116,610	405,870	4	3,378,511	37	2,972,641	33
13-15	4,603,006	287,892	6	1,735,874	38	1,447,982	31
14-16	4,774,192	388,038	8	3,908,348	82	3,520,310	74
15-17	2,234,514	155,222	7	2,172,307	97	2,017,085	90
16-18	704,886	166,159	24	2,172,307	308	2,006,148	285
17-19	945,485	981,333	104	550,095	58	431,238-	46-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	747,775	2,493,711	333	1,567,080	210	926,631-	124-
19-21	695,099	2,499,334	360	1,567,080	225	932,254-	134-
FIVE-YEAR AVERAGE							
17-21	737,280	1,539,209	209	940,148	128	599,061-	81-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2007		146,770-				146,770	
2008	2,257,924	57,809-	3-		0	57,809	3
2009	107,677		0	48,613	45	48,613	45
2010		4,681				4,681-	
2011							
2012	122,634		0		0		0
2013	212,986		0		0		0
2014	510,919	12,915	3		0	12,915-	3-
2015	1,421,152	38,487	3		0	38,487-	3-
2016	2,210,573	30,297	1		0	30,297-	1-
2017	725,445	51,789	7		0	51,789-	7-
2018	194,633		0		0		0
2019	320,101	77,826	24		0	77,826-	24-
2020	438,847	132,803	30	25,062	6	107,741-	25-
2021	1,861,403	23,371	1	36-	0	23,408-	1-
TOTAL	10,384,293	167,590	2	73,638	1	93,952-	1-
THREE-YEAR MOVING AVERAGES							
07-09	788,534	68,193-	9-	16,204	2	84,397	11
08-10	788,534	17,709-	2-	16,204	2	33,914	4
09-11	35,892	1,560	4	16,204	45	14,644	41
10-12	40,878	1,560	4		0	1,560-	4-
11-13	111,873		0		0		0
12-14	282,180	4,305	2		0	4,305-	2-
13-15	715,019	17,134	2		0	17,134-	2-
14-16	1,380,881	27,233	2		0	27,233-	2-
15-17	1,452,390	40,191	3		0	40,191-	3-
16-18	1,043,550	27,362	3		0	27,362-	3-
17-19	413,393	43,205	10		0	43,205-	10-
18-20	317,860	70,210	22	8,354	3	61,856-	19-
19-21	873,450	78,000	9	8,342	1	69,658-	8-
FIVE-YEAR AVERAGE							
17-21	708,086	57,158	8	5,005	1	52,153-	7-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	111,503		0		0		0
2004	18,347		0		0		0
2005							
2006							
2007							
2008	27,500		0		0		0
2009				6,448		6,448	
2010		1,422				1,422-	
2011							
2012	83,880		0		0		0
2013							
2014		2,948				2,948-	
2015							
2016	121,349	20,448	17		0	20,448-	17-
2017	16,753	129	1		0	129-	1-
2018	52,825	586	1		0	586-	1-
2019	484,717	54,266	11		0	54,266-	11-
2020	784,884	137,498	18	13,205	2	124,293-	16-
2021	178,737	37,832	21		0	37,832-	21-
TOTAL	1,880,494	255,129	14	19,653	1	235,475-	13-
THREE-YEAR MOVING AVERAGES							
03-05	43,283		0		0		0
04-06	6,116		0		0		0
05-07							
06-08	9,167		0		0		0
07-09	9,167		0	2,149	23	2,149	23
08-10	9,167	474	5	2,149	23	1,675	18
09-11		474		2,149		1,675	
10-12	27,960	474	2		0	474-	2-
11-13	27,960		0		0		0
12-14	27,960	982	4		0	982-	4-
13-15		982				982-	
14-16	40,450	7,798	19		0	7,798-	19-
15-17	46,034	6,859	15		0	6,859-	15-
16-18	63,642	7,054	11		0	7,054-	11-
17-19	184,765	18,327	10		0	18,327-	10-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	440,809	64,117	15	4,402	1	59,715-	14-
19-21	482,779	76,532	16	4,402	1	72,130-	15-
FIVE-YEAR AVERAGE							
17-21	303,583	46,062	15	2,641	1	43,421-	14-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,000	82	8		0	82-	8-
2004	3,603	297	8		0	297-	8-
2005	11,718	636	5		0	636-	5-
2006	39,841	1,313	3		0	1,313-	3-
2007	11,011	3,010	27		0	3,010-	27-
2008	107,467	16,411	15		0	16,411-	15-
2009	6,980	5,680	81	8,615	123	2,935	42
2010	3,037		0		0		0
2011	61,386	43,287	71	8,916	15	34,372-	56-
2012							
2013	4,952	2,330	47		0	2,330-	47-
2014							
2015	505,349	105,951	21	599	0	105,352-	21-
2016	371,789	194,994	52		0	194,994-	52-
2017	1,434,822	19,972	1		0	19,972-	1-
2018	3,162,958	98,812	3		0	98,812-	3-
2019	2,033,434	123,428	6	30-	0	123,458-	6-
2020	6,882,023	601,032	9	988-	0	602,021-	9-
2021	3,862,199	429,526	11		0	429,526-	11-
TOTAL	18,503,568	1,646,760	9	17,111	0	1,629,649-	9-
THREE-YEAR MOVING AVERAGES							
03-05	5,440	338	6		0	338-	6-
04-06	18,387	748	4		0	748-	4-
05-07	20,857	1,653	8		0	1,653-	8-
06-08	52,773	6,911	13		0	6,911-	13-
07-09	41,819	8,367	20	2,872	7	5,495-	13-
08-10	39,161	7,364	19	2,872	7	4,492-	11-
09-11	23,801	16,322	69	5,844	25	10,479-	44-
10-12	21,474	14,429	67	2,972	14	11,457-	53-
11-13	22,113	15,206	69	2,972	13	12,234-	55-
12-14	1,651	777	47		0	777-	47-
13-15	170,100	36,093	21	200	0	35,894-	21-
14-16	292,379	100,315	34	200	0	100,115-	34-
15-17	770,653	106,972	14	200	0	106,773-	14-
16-18	1,656,523	104,593	6		0	104,593-	6-
17-19	2,210,404	80,737	4	10-	0	80,747-	4-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	4,026,138	274,424	7	339-	0	274,764-	7-
19-21	4,259,219	384,662	9	339-	0	385,002-	9-
FIVE-YEAR AVERAGE							
17-21	3,475,087	254,554	7	204-	0	254,758-	7-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	17,738,212	3,490,008	20	117	0	3,489,890-	20-
2004	17,047,459	3,367,097	20	85,631	1	3,281,466-	19-
2005	10,262,025	1,335,945	13	131,866	1	1,204,079-	12-
2006	9,693,772	766,651	8	145,690	2	620,960-	6-
2007	6,113,465	4,010,307	66	158,705	3	3,851,602-	63-
2008	9,963,335	3,651,642	37	313,290	3	3,338,352-	34-
2009	5,043,136	148,390	3	225,245	4	76,855	2
2010	2,707,581	37,328	1	14,776-	1-	52,104-	2-
2011	7,368,809	6,119,610	83	224,985	3	5,894,624-	80-
2012	4,401,247	3,006,294	68	49,548	1	2,956,746-	67-
2013	9,344,398	4,236,700	45	141,533	2	4,095,167-	44-
2014	7,656,698	2,036,734	27	646,961-	8-	2,683,695-	35-
2015	16,548,438	4,285,203	26	713,503	4	3,571,700-	22-
2016	6,116,076	1,204,017	20	7,956-	0	1,211,973-	20-
2017	20,904,567	4,637,070	22	366,317	2	4,270,753-	20-
2018	56,547,216	373,079	1	238-	0	373,317-	1-
2019	31,909,822	6,379,429	20	17,573	0	6,361,856-	20-
2020	45,971,210	6,512,412	14	95,433	0	6,416,980-	14-
2021	31,258,501	3,502,807	11	184,173	1	3,318,635-	11-
TOTAL	316,595,966	59,100,723	19	2,183,678	1	56,917,044-	18-
THREE-YEAR MOVING AVERAGES							
03-05	15,015,899	2,731,016	18	72,538	0	2,658,478-	18-
04-06	12,334,419	1,823,231	15	121,063	1	1,702,168-	14-
05-07	8,689,754	2,037,634	23	145,420	2	1,892,214-	22-
06-08	8,590,191	2,809,533	33	205,895	2	2,603,638-	30-
07-09	7,039,979	2,603,446	37	232,413	3	2,371,033-	34-
08-10	5,904,684	1,279,120	22	174,586	3	1,104,534-	19-
09-11	5,039,842	2,101,776	42	145,151	3	1,956,624-	39-
10-12	4,825,879	3,054,410	63	86,586	2	2,967,825-	61-
11-13	7,038,151	4,454,201	63	138,689	2	4,315,512-	61-
12-14	7,134,115	3,093,243	43	151,960-	2-	3,245,203-	45-
13-15	11,183,178	3,519,546	31	69,358	1	3,450,188-	31-
14-16	10,107,071	2,508,651	25	19,529	0	2,489,123-	25-
15-17	14,523,027	3,375,430	23	357,288	2	3,018,142-	21-
16-18	27,855,953	2,071,389	7	119,374	0	1,952,014-	7-
17-19	36,453,868	3,796,526	10	127,884	0	3,668,642-	10-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	44,809,416	4,421,640	10	37,589	0	4,384,051-	10-
19-21	36,379,844	5,464,883	15	99,060	0	5,365,823-	15-
FIVE-YEAR AVERAGE							
17-21	37,318,263	4,280,960	11	132,652	0	4,148,308-	11-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	2,377,063	974,352	41		0	974,352-	41-
2004	1,436,943	591,281	41		0	591,281-	41-
2005	1,753,085	475,464	27		0	475,464-	27-
2006	7,838,052	1,291,432	16		0	1,291,432-	16-
2007	776,734	1,061,503	137		0	1,061,503-	137-
2008	539,903	412,247	76		0	412,247-	76-
2009	2,190,818	58,004	3	88,196	4	30,192	1
2010	630,757		0		0		0
2011	1,203,566	656,184	55		0	656,184-	55-
2012	81,212	26,546	33		0	26,546-	33-
2013	2,546		0		0		0
2014	645,448	651,556	101		0	651,556-	101-
2015	249,455	2,120,161	850	17,455	7	2,102,706-	843-
2016	549,028	4,693,597	855	19,547	4	4,674,050-	851-
2017	785,849	1,379,594	176		0	1,379,594-	176-
2018	173,888	180,831	104		0	180,831-	104-
2019	3,736,577		0		0		0
2020	2,324,773	27,030	1		0	27,030-	1-
2021	4,665,368		0		0		0
TOTAL	31,961,065	14,599,783	46	125,198	0	14,474,584-	45-
THREE-YEAR MOVING AVERAGES							
03-05	1,855,697	680,366	37		0	680,366-	37-
04-06	3,676,027	786,059	21		0	786,059-	21-
05-07	3,455,957	942,800	27		0	942,800-	27-
06-08	3,051,563	921,728	30		0	921,728-	30-
07-09	1,169,152	510,585	44	29,399	3	481,186-	41-
08-10	1,120,493	156,750	14	29,399	3	127,352-	11-
09-11	1,341,714	238,063	18	29,399	2	208,664-	16-
10-12	638,511	227,577	36		0	227,577-	36-
11-13	429,108	227,577	53		0	227,577-	53-
12-14	243,069	226,034	93		0	226,034-	93-
13-15	299,150	923,906	309	5,818	2	918,087-	307-
14-16	481,311	2,488,438	517	12,334	3	2,476,104-	514-
15-17	528,111	2,731,117	517	12,334	2	2,718,783-	515-
16-18	502,922	2,084,674	415	6,516	1	2,078,158-	413-
17-19	1,565,438	520,142	33		0	520,142-	33-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	2,078,412	69,287	3		0	69,287-	3-
19-21	3,575,573	9,010	0		0	9,010-	0
FIVE-YEAR AVERAGE							
17-21	2,337,291	317,491	14		0	317,491-	14-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,021,386	569,382	56	14	0	569,369-	56-
2004	655,416	366,784	56	6,584	1	360,200-	55-
2005	744,067	274,451	37	19,122	3	255,329-	34-
2006	578,031	129,525	22	17,375	3	112,150-	19-
2007	335,674	623,886	186	17,428	5	606,458-	181-
2008	592,061	614,819	104	37,234	6	577,586-	98-
2009	926,748	36,966	4	56,130	6	19,163	2
2010	1,967,587		0		0		0
2011	2,616,993	219,891	8	32,972	1	186,919-	7-
2012	5,839,222	19,931	0		0	19,931-	0
2013	2,646,254		0		0		0
2014	1,078,059	284,968	26	8,462	1	276,506-	26-
2015	2,166,804	1,820,360	84	9,642	0	1,810,718-	84-
2016	5,100,714	1,329,350	26	22,639	0	1,306,711-	26-
2017	16,033,770	17,453,481	109		0	17,453,481-	109-
2018	1,021,584	18,155	2		0	18,155-	2-
2019	6,088,582	240,682	4	18,630	0	222,052-	4-
2020	3,389,182	3,510,539	104		0	3,510,539-	104-
2021	3,363,912	448,279	13		0	448,279-	13-
TOTAL	56,166,046	27,961,451	50	246,233	0	27,715,219-	49-
THREE-YEAR MOVING AVERAGES							
03-05	806,956	403,539	50	8,573	1	394,966-	49-
04-06	659,171	256,920	39	14,361	2	242,560-	37-
05-07	552,591	342,621	62	17,975	3	324,646-	59-
06-08	501,922	456,077	91	24,012	5	432,065-	86-
07-09	618,161	425,224	69	36,931	6	388,293-	63-
08-10	1,162,132	217,262	19	31,121	3	186,141-	16-
09-11	1,837,109	85,619	5	29,701	2	55,918-	3-
10-12	3,474,601	79,941	2	10,991	0	68,950-	2-
11-13	3,700,823	79,941	2	10,991	0	68,950-	2-
12-14	3,187,845	101,633	3	2,821	0	98,812-	3-
13-15	1,963,705	701,776	36	6,035	0	695,741-	35-
14-16	2,781,859	1,144,893	41	13,581	0	1,131,312-	41-
15-17	7,767,096	6,867,730	88	10,760	0	6,856,970-	88-
16-18	7,385,356	6,266,995	85	7,546	0	6,259,449-	85-
17-19	7,714,645	5,904,106	77	6,210	0	5,897,896-	76-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	3,499,783	1,256,459	36	6,210	0	1,250,249-	36-
19-21	4,280,559	1,399,833	33	6,210	0	1,393,623-	33-
FIVE-YEAR AVERAGE							
17-21	5,979,406	4,334,227	72	3,726	0	4,330,501-	72-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	4,156,930	1,635,759	39	55	0	1,635,704-	39-
2004	2,859,739	1,129,672	40	28,730	1	1,100,942-	38-
2005	1,704,855	443,888	26	43,814	3	400,073-	23-
2006	6,729,653	1,064,455	16	202,284	3	862,171-	13-
2007	709,287	930,555	131	36,826	5	893,729-	126-
2008	1,056,029	774,086	73	66,412	6	707,674-	67-
2009	2,446,335	67,468	3	102,510	4	35,042	1
2010	1,087,544		0		0		0
2011	985,619	2,462,467	250	1,294	0	2,461,174-	250-
2012	1,077,061	48,511	5		0	48,511-	5-
2013	1,575,879		0		0		0
2014	298,356	229,126	77	13,723	5	215,403-	72-
2015	1,587,465	1,216,053	77		0	1,216,053-	77-
2016	2,290,689	2,549,520	111	7,215	0	2,542,306-	111-
2017	1,711,557	1,128,044	66		0	1,128,044-	66-
2018	448,767	33,320	7		0	33,320-	7-
2019	5,643,045	177,138	3		0	177,138-	3-
2020	7,651,115	2,850,454	37		0	2,850,454-	37-
2021	7,955,536	8,959	0		0	8,959-	0
TOTAL	51,975,461	16,749,476	32	502,863	1	16,246,613-	31-
THREE-YEAR MOVING AVERAGES							
03-05	2,907,175	1,069,773	37	24,200	1	1,045,573-	36-
04-06	3,764,749	879,338	23	91,609	2	787,729-	21-
05-07	3,047,932	812,966	27	94,308	3	718,658-	24-
06-08	2,831,656	923,032	33	101,841	4	821,192-	29-
07-09	1,403,884	590,703	42	68,583	5	522,121-	37-
08-10	1,529,969	280,518	18	56,307	4	224,211-	15-
09-11	1,506,499	843,312	56	34,601	2	808,711-	54-
10-12	1,050,075	836,993	80	431	0	836,562-	80-
11-13	1,212,853	836,993	69	431	0	836,562-	69-
12-14	983,765	92,546	9	4,574	0	87,971-	9-
13-15	1,153,900	481,726	42	4,574	0	477,152-	41-
14-16	1,392,170	1,331,567	96	6,979	1	1,324,587-	95-
15-17	1,863,237	1,631,206	88	2,405	0	1,628,801-	87-
16-18	1,483,671	1,236,962	83	2,405	0	1,234,557-	83-
17-19	2,601,123	446,167	17		0	446,167-	17-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	4,580,976	1,020,304	22		0	1,020,304-	22-
19-21	7,083,232	1,012,183	14		0	1,012,183-	14-
FIVE-YEAR AVERAGE							
17-21	4,682,004	839,583	18		0	839,583-	18-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 358.00 UNDERGROUND CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2009		282		427		145	
2010							
2011							
2012							
2013							
2014							
2015							
2016							
2017	287,393		0		0		0
2018							
2019	303,938		0		0		0
2020	3,728,121		0		0		0
2021	1,270		0		0		0
TOTAL	4,320,722	282	0	427	0	145	0
THREE-YEAR MOVING AVERAGES							
09-11		94		142		48	
10-12							
11-13							
12-14							
13-15							
14-16							
15-17	95,798		0		0		0
16-18	95,798		0		0		0
17-19	197,110		0		0		0
18-20	1,344,020		0		0		0
19-21	1,344,443		0		0		0
FIVE-YEAR AVERAGE							
17-21	864,144		0		0		0

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	21,458	1,851	9		0	1,851-	9-
2004	73,485	5,720	8		0	5,720-	8-
2005	48,998	5,652	12		0	5,652-	12-
2006	66,127	7,472	11		0	7,472-	11-
2007	49,493	6,675	13		0	6,675-	13-
2008	94,574	6,025	6		0	6,025-	6-
2009	84,704	20,741	24	53,197	63	32,456	38
2010	2,024		0		0		0
2011	2,394	109,997		62,262		47,735-	
2012		179				179-	
2013	2,348	3,397	145		0	3,397-	145-
2014	29,662	77,190	260	3,989	13	73,201-	247-
2015	922,048	284,366	31	48,349	5	236,017-	26-
2016	499,678	292,881	59	3,928	1	288,953-	58-
2017	406,708	29,478	7		0	29,478-	7-
2018	2,279,016	1,800	0		0	1,800-	0
2019	1,859,972	27,245	1	71-	0	27,316-	1-
2020	3,308,354	736,532	22	133-	0	736,665-	22-
2021	1,630,924	385,687	24		0	385,687-	24-
TOTAL	11,381,968	2,002,889	18	171,521	2	1,831,368-	16-
THREE-YEAR MOVING AVERAGES							
03-05	47,980	4,408	9		0	4,408-	9-
04-06	62,870	6,281	10		0	6,281-	10-
05-07	54,873	6,600	12		0	6,600-	12-
06-08	70,065	6,724	10		0	6,724-	10-
07-09	76,257	11,147	15	17,732	23	6,585	9
08-10	60,434	8,922	15	17,732	29	8,810	15
09-11	29,707	43,579	147	38,486	130	5,093-	17-
10-12	1,473	36,725		20,754		15,971-	
11-13	1,581	37,858		20,754		17,104-	
12-14	10,670	26,922	252	1,330	12	25,592-	240-
13-15	318,019	121,651	38	17,446	5	104,205-	33-
14-16	483,796	218,146	45	18,755	4	199,391-	41-
15-17	609,478	202,242	33	17,426	3	184,816-	30-
16-18	1,061,801	108,053	10	1,309	0	106,744-	10-
17-19	1,515,232	19,508	1	24-	0	19,531-	1-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20	2,482,447	255,193	10	68-	0	255,260-	10-
19-21	2,266,417	383,155	17	68-	0	383,223-	17-
FIVE-YEAR AVERAGE							
17-21	1,896,995	236,148	12	41-	0	236,189-	12-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	20,027,684	4,145,847	21	1-	0	4,145,848-	21-
2004	7,994,636	1,493,608	19		0	1,493,608-	19-
2005	9,806,217	2,714,558	28		0	2,714,558-	28-
2006	8,349,780	2,264,423	27		0	2,264,423-	27-
2007	4,761,592	1,541,339	32		0	1,541,339-	32-
2008	16,897,493	2,583,667	15		0	2,583,667-	15-
2009	11,163,479	489,975	4	1,256,966	11	766,992	7
2010	2,902,404	136,795	5		0	136,795-	5-
2011	1,381,251	3,178,752	230	85,322	6	3,093,431-	224-
2012	2,799,700	1,036,883	37	36,513	1	1,000,370-	36-
2013	1,911,844	1,923,884	101	57,736	3	1,866,148-	98-
2014	7,181,979	2,367,581	33	430,792	6	1,936,789-	27-
2015	12,699,925	4,736,617	37	824,484	6	3,912,133-	31-
2016	12,452,963	1,646,329	13	73,910	1	1,572,418-	13-
2017	13,828,694	1,720,992	12	8,073-	0	1,729,064-	13-
2018	22,376,492	75,388	0		0	75,388-	0
2019	16,301,007	282,235	2	15,838-	0	298,074-	2-
2020	26,152,063	5,061,111	19	11,982	0	5,049,129-	19-
2021	11,414,935	128,490	1		0	128,490-	1-
TOTAL	210,404,136	37,528,474	18	2,753,794	1	34,774,680-	17-
THREE-YEAR MOVING AVERAGES							
03-05	12,609,512	2,784,671	22		0	2,784,671-	22-
04-06	8,716,878	2,157,530	25		0	2,157,530-	25-
05-07	7,639,196	2,173,440	28		0	2,173,440-	28-
06-08	10,002,955	2,129,810	21		0	2,129,810-	21-
07-09	10,940,855	1,538,327	14	418,989	4	1,119,338-	10-
08-10	10,321,125	1,070,146	10	418,989	4	651,157-	6-
09-11	5,149,045	1,268,507	25	447,429	9	821,078-	16-
10-12	2,361,118	1,450,810	61	40,612	2	1,410,199-	60-
11-13	2,030,932	2,046,507	101	59,857	3	1,986,650-	98-
12-14	3,964,508	1,776,116	45	175,014	4	1,601,102-	40-
13-15	7,264,583	3,009,361	41	437,671	6	2,571,690-	35-
14-16	10,778,289	2,916,842	27	443,062	4	2,473,780-	23-
15-17	12,993,860	2,701,312	21	296,774	2	2,404,538-	19-
16-18	16,219,383	1,147,570	7	21,946	0	1,125,624-	7-
17-19	17,502,064	692,872	4	7,970-	0	700,842-	4-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	21,609,854	1,806,245	8	1,285-	0	1,807,530-	8-
19-21	17,956,002	1,823,945	10	1,285-	0	1,825,231-	10-
FIVE-YEAR AVERAGE							
17-21	18,014,638	1,453,643	8	2,386-	0	1,456,029-	8-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,331,023	665,863	50		0	665,863-	50-
2004	2,368,131	1,069,204	45		0	1,069,204-	45-
2005	2,879,532	1,926,355	67		0	1,926,355-	67-
2006	2,832,395	1,856,321	66		0	1,856,321-	66-
2007	2,788,234	2,181,182	78		0	2,181,182-	78-
2008	4,462,619	1,649,001	37		0	1,649,001-	37-
2009	4,737,593	838,195	18	2,837,229	60	1,999,034	42
2010	3,741,970	225,227	6	1,088,798	29	863,571	23
2011	6,644,331	11,650	0	1,716	0	9,935-	0
2012	5,379,875	14,194	0		0	14,194-	0
2013	5,419,921		0		0		0
2014	18,467,349	4,844,065	26	130,293	1	4,713,771-	26-
2015	1,577,954	2,937,341	186	18,104	1	2,919,237-	185-
2016	8,706,772	2,796,173	32	5,168	0	2,791,005-	32-
2017	6,661,948	4,897,505	74	1,740,434	26	3,157,070-	47-
2018	6,881,122	12,370,888	180		0	12,370,888-	180-
2019	10,449,756	2,460,914	24	855	0	2,460,059-	24-
2020	10,285,143	12,589,684	122	39,279-	0	12,628,963-	123-
2021	11,992,175	16,836,480	140	273,747	2	16,562,733-	138-
TOTAL	117,607,844	70,170,241	60	6,057,066	5	64,113,176-	55-
THREE-YEAR MOVING AVERAGES							
03-05	2,192,895	1,220,474	56		0	1,220,474-	56-
04-06	2,693,353	1,617,293	60		0	1,617,293-	60-
05-07	2,833,387	1,987,953	70		0	1,987,953-	70-
06-08	3,361,083	1,895,501	56		0	1,895,501-	56-
07-09	3,996,149	1,556,126	39	945,743	24	610,383-	15-
08-10	4,314,061	904,141	21	1,308,676	30	404,535	9
09-11	5,041,298	358,358	7	1,309,248	26	950,890	19
10-12	5,255,392	83,690	2	363,505	7	279,814	5
11-13	5,814,709	8,615	0	572	0	8,043-	0
12-14	9,755,715	1,619,419	17	43,431	0	1,575,988-	16-
13-15	8,488,408	2,593,802	31	49,466	1	2,544,336-	30-
14-16	9,584,025	3,525,860	37	51,188	1	3,474,671-	36-
15-17	5,648,891	3,543,673	63	587,902	10	2,955,771-	52-
16-18	7,416,614	6,688,189	90	581,867	8	6,106,321-	82-
17-19	7,997,609	6,576,436	82	580,430	7	5,996,006-	75-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	9,205,340	9,140,496	99	12,808-	0	9,153,304-	99-
19-21	10,909,025	10,629,026	97	78,441	1	10,550,585-	97-
FIVE-YEAR AVERAGE							
17-21	9,254,029	9,831,094	106	395,151	4	9,435,943-	102-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	5,070,714	2,099,334	41		0	2,099,334-	41-
2004	10,305,922	3,850,834	37		0	3,850,834-	37-
2005	6,996,439	3,873,510	55		0	3,873,510-	55-
2006	10,599,605	5,749,131	54		0	5,749,131-	54-
2007	6,667,242	4,316,405	65		0	4,316,405-	65-
2008	10,197,963	3,118,586	31		0	3,118,586-	31-
2009	6,698,087	997,390	15	3,142,260	47	2,144,870	32
2010	3,724,537	621,044	17	1,808,451	49	1,187,407	32
2011	16,571,400	186,036	1	2,299	0	183,737-	1-
2012	12,244,519	6,043	0		0	6,043-	0
2013	11,222,903		0		0		0
2014	35,029,146	8,935,277	26	317,082	1	8,618,195-	25-
2015	8,032,314	5,523,267	69	56,313	1	5,466,954-	68-
2016	19,233,205	3,362,146	17	3,338	0	3,358,808-	17-
2017	13,503,860	5,033,479	37	2,566,907	19	2,466,572-	18-
2018	15,256,800	9,071,095	59		0	9,071,095-	59-
2019	20,357,284	11,520,448	57	1,271	0	11,519,177-	57-
2020	21,360,581	11,677,578	55	9,402-	0	11,686,979-	55-
2021	60,949,555	18,219,480	30	61,931	0	18,157,549-	30-
TOTAL	294,022,075	98,161,082	33	7,950,450	3	90,210,632-	31-
THREE-YEAR MOVING AVERAGES							
03-05	7,457,692	3,274,559	44		0	3,274,559-	44-
04-06	9,300,655	4,491,158	48		0	4,491,158-	48-
05-07	8,087,762	4,646,348	57		0	4,646,348-	57-
06-08	9,154,937	4,394,707	48		0	4,394,707-	48-
07-09	7,854,431	2,810,794	36	1,047,420	13	1,763,374-	22-
08-10	6,873,529	1,579,007	23	1,650,237	24	71,230	1
09-11	8,998,008	601,490	7	1,651,003	18	1,049,513	12
10-12	10,846,818	271,041	2	603,583	6	332,542	3
11-13	13,346,274	64,026	0	766	0	63,260-	0
12-14	19,498,856	2,980,440	15	105,694	1	2,874,746-	15-
13-15	18,094,788	4,819,515	27	124,465	1	4,695,050-	26-
14-16	20,764,889	5,940,230	29	125,578	1	5,814,652-	28-
15-17	13,589,793	4,639,631	34	875,519	6	3,764,111-	28-
16-18	15,997,955	5,822,240	36	856,748	5	4,965,492-	31-
17-19	16,372,648	8,541,674	52	856,059	5	7,685,615-	47-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	18,991,555	10,756,374	57	2,710-	0	10,759,084-	57-
19-21	34,222,473	13,805,835	40	17,933	0	13,787,902-	40-
FIVE-YEAR AVERAGE							
17-21	26,285,616	11,104,416	42	524,142	2	10,580,274-	40-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 366.00 UNDERGROUND CONDUIT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	36,368	6,274	17		0	6,274-	17-
2004	9,551	1,487	16		0	1,487-	16-
2005	5,606	1,293	23		0	1,293-	23-
2006	18,038	4,077	23		0	4,077-	23-
2007	20,005	5,396	27		0	5,396-	27-
2008	3,856	491	13		0	491-	13-
2009	2,142	92,299		236,636		144,337	
2010	8,738	4,456	51	21	0	4,435-	51-
2011	21,750	250,407			0	250,407-	
2012	2,745		0		0		0
2013	3,204		0		0		0
2014	252,312	60,903	24	91,276	36	30,373	12
2015	307,450	103,248	34	90,017	29	13,231-	4-
2016	286,155	74,123	26		0	74,123-	26-
2017	10,352	124,480		102,250	988	22,230-	215-
2018	36,382	2,070	6		0	2,070-	6-
2019	388,362	675	0		0	675-	0
2020	91,302	265,755	291		0	265,755-	291-
2021	918,785	277,357	30		0	277,357-	30-
TOTAL	2,423,103	1,274,792	53	520,200	21	754,592-	31-
THREE-YEAR MOVING AVERAGES							
03-05	17,175	3,018	18		0	3,018-	18-
04-06	11,065	2,286	21		0	2,286-	21-
05-07	14,550	3,589	25		0	3,589-	25-
06-08	13,966	3,321	24		0	3,321-	24-
07-09	8,668	32,729	378	78,879	910	46,150	532
08-10	4,912	32,416	660	78,886		46,470	946
09-11	10,877	115,721		78,886	725	36,835-	339-
10-12	11,077	84,954	767	7	0	84,948-	767-
11-13	9,233	83,469	904		0	83,469-	904-
12-14	86,087	20,301	24	30,425	35	10,124	12
13-15	187,655	54,717	29	60,431	32	5,714	3
14-16	281,972	79,425	28	60,431	21	18,994-	7-
15-17	201,319	100,617	50	64,089	32	36,528-	18-
16-18	110,963	66,891	60	34,083	31	32,808-	30-
17-19	145,032	42,409	29	34,083	24	8,325-	6-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 366.00 UNDERGROUND CONDUIT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	172,015	89,500	52		0	89,500-	52-
19-21	466,150	181,262	39		0	181,262-	39-
FIVE-YEAR AVERAGE							
17-21	289,037	134,067	46	20,450	7	113,618-	39-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,093,775	320,759	29		0	320,759-	29-
2004	659,213	174,474	26		0	174,474-	26-
2005	683,051	267,867	39		0	267,867-	39-
2006	1,160,549	445,876	38		0	445,876-	38-
2007	1,020,159	467,823	46		0	467,823-	46-
2008	1,215,683	263,331	22		0	263,331-	22-
2009	877,599	938,147	107	2,676,366	305	1,738,219	198
2010	1,021,105	442,063	43	1,446,389	142	1,004,326	98
2011	1,825,721	29,467	2	319	0	29,148-	2-
2012	3,116,954		0		0		0
2013	2,291,572		0		0		0
2014	17,094,065	5,527,177	32	220,840	1	5,306,338-	31-
2015	792,215	554,802	70	89,214	11	465,588-	59-
2016	4,455,539	377,719	8	209	0	377,510-	8-
2017	4,852,532	2,220,392	46	1,755,530	36	464,863-	10-
2018	3,849,601	17,322	0		0	17,322-	0
2019	7,296,967	100,396	1	179	0	100,217-	1-
2020	6,645,856	2,489,913	37	25-	0	2,489,938-	37-
2021	22,063,076	6,944,331	31	5,308	0	6,939,023-	31-
TOTAL	82,015,233	21,581,859	26	6,194,329	8	15,387,530-	19-
THREE-YEAR MOVING AVERAGES							
03-05	812,013	254,366	31		0	254,366-	31-
04-06	834,271	296,072	35		0	296,072-	35-
05-07	954,586	393,855	41		0	393,855-	41-
06-08	1,132,130	392,343	35		0	392,343-	35-
07-09	1,037,814	556,434	54	892,122	86	335,688	32
08-10	1,038,129	547,847	53	1,374,252	132	826,405	80
09-11	1,241,475	469,892	38	1,374,358	111	904,466	73
10-12	1,987,927	157,177	8	482,236	24	325,059	16
11-13	2,411,416	9,822	0	106	0	9,716-	0
12-14	7,500,864	1,842,392	25	73,613	1	1,768,779-	24-
13-15	6,725,951	2,027,326	30	103,351	2	1,923,975-	29-
14-16	7,447,273	2,153,233	29	103,421	1	2,049,812-	28-
15-17	3,366,762	1,050,971	31	614,984	18	435,987-	13-
16-18	4,385,891	871,811	20	585,246	13	286,565-	7-
17-19	5,333,033	779,370	15	585,236	11	194,134-	4-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	5,930,808	869,210	15	51	0	869,159-	15-
19-21	12,001,966	3,178,213	26	1,821	0	3,176,393-	26-
FIVE-YEAR AVERAGE							
17-21	8,941,606	2,354,471	26	352,198	4	2,002,273-	22-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 368.00 LINE TRANSFORMERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	7,969,730	137,482	2		0	137,482-	2-
2004	11,929,072	185,722	2		0	185,722-	2-
2005	10,198,378	235,260	2		0	235,260-	2-
2006	14,290,150	322,952	2		0	322,952-	2-
2007	12,096,520	326,306	3		0	326,306-	3-
2008	16,109,463	205,265	1		0	205,265-	1-
2009	10,908,481	1,024,651	9	4,304,198	39	3,279,547	30
2010	6,956,478	246,875	4	1,362,049	20	1,115,174	16
2011	5,147,666	3,583	0	8	0	3,575-	0
2012	6,039,448		0		0		0
2013	5,125,539		0		0		0
2014	1,965,334	6,507,246	331	2,617,761	133	3,889,485-	198-
2015	1,125,497	1,280,490	114	2,290,417	204	1,009,927	90
2016	1,662,342	272,424	16	241	0	272,183-	16-
2017	1,803,479	4,199,824	233	2,594,210	144	1,605,614-	89-
2018	1,451,855	6,439	0		0	6,439-	0
2019	5,427,587	545,043	10	636	0	544,408-	10-
2020	2,772,581	2,035,112	73	5,179-	0	2,040,290-	74-
2021	5,698,801	4,461,746	78	1,925	0	4,459,821-	78-
TOTAL	128,678,400	21,996,420	17	13,166,268	10	8,830,152-	7-
THREE-YEAR MOVING AVERAGES							
03-05	10,032,393	186,154	2		0	186,154-	2-
04-06	12,139,200	247,978	2		0	247,978-	2-
05-07	12,195,016	294,839	2		0	294,839-	2-
06-08	14,165,378	284,841	2		0	284,841-	2-
07-09	13,038,155	518,741	4	1,434,733	11	915,992	7
08-10	11,324,807	492,264	4	1,888,749	17	1,396,486	12
09-11	7,670,875	425,036	6	1,888,752	25	1,463,715	19
10-12	6,047,864	83,486	1	454,019	8	370,533	6
11-13	5,437,551	1,194	0	3	0	1,192-	0
12-14	4,376,774	2,169,082	50	872,587	20	1,296,495-	30-
13-15	2,738,790	2,595,912	95	1,636,059	60	959,853-	35-
14-16	1,584,391	2,686,720	170	1,636,140	103	1,050,580-	66-
15-17	1,530,439	1,917,579	125	1,628,290	106	289,290-	19-
16-18	1,639,225	1,492,896	91	864,817	53	628,079-	38-
17-19	2,894,307	1,583,769	55	864,949	30	718,820-	25-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 368.00 LINE TRANSFORMERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	3,217,341	862,198	27	1,514-	0	863,712-	27-
19-21	4,632,989	2,347,300	51	873-	0	2,348,173-	51-
FIVE-YEAR AVERAGE							
17-21	3,430,860	2,249,633	66	518,319	15	1,731,314-	50-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 369.00 SERVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	90,220	46,690	52		0	46,690-	52-
2004	342,544	159,991	47		0	159,991-	47-
2005	312,331	216,149	69		0	216,149-	69-
2006	261,406	177,230	68		0	177,230-	68-
2007	1,182,943	1,070,487	90		0	1,070,487-	90-
2008	476,032	181,966	38		0	181,966-	38-
2009	271,595	418,496	154	1,073,215	395	654,719	241
2010	179,875	414,456	230	995,507	553	581,050	323
2011	752,788	377	0	34	0	344-	0
2012	861,671		0		0		0
2013	455,321		0		0		0
2014	5,698,862	810,076	14	34,976	1	775,100-	14-
2015	1,858,442	347,196	19	87,349	5	259,847-	14-
2016	1,529,798	56,777	4	5	0	56,772-	4-
2017	783,554	1,511,749	193	1,442,689	184	69,060-	9-
2018	1,731,456		0		0		0
2019	3,961,149	5,238,846	132	12,969	0	5,225,877-	132-
2020	2,240,462	4,934,697	220	444-	0	4,935,140-	220-
2021	1,538,069	3,677,666	239	113-	0	3,677,779-	239-
TOTAL	24,528,516	19,262,850	79	3,646,187	15	15,616,663-	64-
THREE-YEAR MOVING AVERAGES							
03-05	248,365	140,943	57		0	140,943-	57-
04-06	305,427	184,457	60		0	184,457-	60-
05-07	585,560	487,955	83		0	487,955-	83-
06-08	640,127	476,561	74		0	476,561-	74-
07-09	643,523	556,983	87	357,738	56	199,245-	31-
08-10	309,167	338,306	109	689,574	223	351,268	114
09-11	401,419	277,776	69	689,585	172	411,808	103
10-12	598,111	138,278	23	331,847	55	193,569	32
11-13	689,926	126	0	11	0	115-	0
12-14	2,338,618	270,025	12	11,659	0	258,367-	11-
13-15	2,670,875	385,757	14	40,775	2	344,982-	13-
14-16	3,029,034	404,683	13	40,777	1	363,906-	12-
15-17	1,390,598	638,574	46	510,015	37	128,559-	9-
16-18	1,348,269	522,842	39	480,898	36	41,944-	3-
17-19	2,158,719	2,250,199	104	485,219	22	1,764,979-	82-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 369.00 SERVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	2,644,355	3,391,181	128	4,175	0	3,387,006-	128-
19-21	2,579,893	4,617,070	179	4,137	0	4,612,932-	179-
FIVE-YEAR AVERAGE							
17-21	2,050,938	3,072,592	150	291,020	14	2,781,571-	136-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	32,147,475	554,559	2		0	554,559-	2-
2004	50,297,376	783,073	2		0	783,073-	2-
2005	18,289,821	421,916	2		0	421,916-	2-
2006	13,256,900	299,601	2		0	299,601-	2-
2007	13,317,769	359,250	3		0	359,250-	3-
2008	10,606,021	135,141	1		0	135,141-	1-
2009	16,145,544	216,382	1	619,005	4	402,623	2
2010	10,030,243	91,111	1	722,409	7	631,298	6
2011	10,049,842	340	0	7	0	333-	0
2012	10,329,796		0		0		0
2013	30,764,736		0		0		0
2014	40,102,653	247,922	1	371,131	1	123,208	0
2015	20,211,269	305,792	2	867,509	4	561,717	3
2016	25,737,971	249	0		0	249-	0
2017	89,082,595	566,651	1	430	0	566,221-	1-
2018	41,196,459		0		0		0
2019	64,131,071	37,021	0	2	0	37,019-	0
2020	22,969	5,673	25		0	5,673-	25-
2021	10,594,528	89,818	1		0	89,818-	1-
TOTAL	506,315,037	4,114,498	1	2,580,492	1	1,534,005-	0
THREE-YEAR MOVING AVERAGES							
03-05	33,578,224	586,516	2		0	586,516-	2-
04-06	27,281,366	501,530	2		0	501,530-	2-
05-07	14,954,830	360,255	2		0	360,255-	2-
06-08	12,393,563	264,664	2		0	264,664-	2-
07-09	13,356,445	236,924	2	206,335	2	30,589-	0
08-10	12,260,602	147,544	1	447,138	4	299,594	2
09-11	12,075,210	102,611	1	447,140	4	344,529	3
10-12	10,136,627	30,484	0	240,805	2	210,322	2
11-13	17,048,125	113	0	2	0	111-	0
12-14	27,065,728	82,641	0	123,710	0	41,069	0
13-15	30,359,553	184,571	1	412,880	1	228,309	1
14-16	28,683,964	184,654	1	412,880	1	228,226	1
15-17	45,010,612	290,897	1	289,313	1	1,584-	0
16-18	52,005,675	188,967	0	143	0	188,823-	0
17-19	64,803,375	201,224	0	144	0	201,080-	0

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	35,116,833	14,231	0		0	14,231-	0
19-21	24,916,189	44,171	0		0	44,170-	0
FIVE-YEAR AVERAGE							
17-21	41,005,524	139,833	0	86	0	139,746-	0

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	2,869,014	247,459	9		0	247,459-	9-
2004	2,570,651	200,110	8		0	200,110-	8-
2005	3,831,895	441,977	12		0	441,977-	12-
2006	3,669,212	414,614	11		0	414,614-	11-
2007	3,593,955	484,738	13		0	484,738-	13-
2008	4,278,504	272,581	6		0	272,581-	6-
2009	5,881,228	544,880	9	2,504,342	43	1,959,462	33
2010	5,953,860	244,619	4	1,264,888	21	1,020,269	17
2011	5,429,803	773	0		0	773-	0
2012	2,747,416		0		0		0
2013	2,133,827		0		0		0
2014	1,759,695	1,063,684	60	5,355	0	1,058,330-	60-
2015	1,553,386	54,586	4	294,648	19	240,062	15
2016	4,021,787	30,667	1		0	30,667-	1-
2017	5,343,532	2,425,678	45	2,154,420	40	271,257-	5-
2018	3,159,701	95	0		0	95-	0
2019	9,343,903	201,469	2	3	0	201,466-	2-
2020	9,659,154	496,085	5	35,451	0	460,634-	5-
2021	25,053,312	4,680,638	19	541,483	2	4,139,156-	17-
TOTAL	102,853,836	11,804,655	11	6,800,590	7	5,004,065-	5-
THREE-YEAR MOVING AVERAGES							
03-05	3,090,520	296,516	10		0	296,516-	10-
04-06	3,357,253	352,234	10		0	352,234-	10-
05-07	3,698,354	447,110	12		0	447,110-	12-
06-08	3,847,224	390,644	10		0	390,644-	10-
07-09	4,584,562	434,066	9	834,781	18	400,714	9
08-10	5,371,197	354,027	7	1,256,410	23	902,383	17
09-11	5,754,964	263,424	5	1,256,410	22	992,986	17
10-12	4,710,360	81,797	2	421,629	9	339,832	7
11-13	3,437,015	258	0		0	258-	0
12-14	2,213,646	354,561	16	1,785	0	352,777-	16-
13-15	1,815,636	372,757	21	100,001	6	272,756-	15-
14-16	2,444,956	382,979	16	100,001	4	282,978-	12-
15-17	3,639,568	836,977	23	816,356	22	20,621-	1-
16-18	4,175,007	818,813	20	718,140	17	100,673-	2-
17-19	5,949,045	875,747	15	718,141	12	157,606-	3-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	7,387,586	232,550	3	11,818	0	220,731-	3-
19-21	14,685,456	1,792,731	12	192,312	1	1,600,418-	11-
FIVE-YEAR AVERAGE							
17-21	10,511,921	1,560,793	15	546,271	5	1,014,521-	10-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	336,176	63,791	19		0	63,791-	19-
2004	453,081	77,593	17		0	77,593-	17-
2005	529,919	134,468	25		0	134,468-	25-
2006	630,320	156,695	25		0	156,695-	25-
2007	687,398	203,970	30		0	203,970-	30-
2008	16,059,121	2,250,855	14		0	2,250,855-	14-
2009	12,243,066	147,492	1	558,749	5	411,257	3
2010	1,911,475	61,761	3	361,308	19	299,547	16
2011	2,965,114	142	0		0	142-	0
2012	1,342,567		0		0		0
2013	697,978		0		0		0
2014	36,237,769	5,639,853	16	1,687,754	5	3,952,099-	11-
2015	1,419,663	424,882	30	2,324,264	164	1,899,382	134
2016	1,306,084	13,560	1		0	13,560-	1-
2017	1,200,316	1,464,930	122	746,949	62	717,981-	60-
2018	1,090,600		0		0		0
2019	3,302,267	17,293	1		0	17,293-	1-
2020	6,212,610	204,015	3	23,621	0	180,394-	3-
2021	15,230,199	1,118,225	7	345,216	2	773,010-	5-
TOTAL	103,855,721	11,979,524	12	6,047,861	6	5,931,663-	6-
THREE-YEAR MOVING AVERAGES							
03-05	439,725	91,951	21		0	91,951-	21-
04-06	537,773	122,919	23		0	122,919-	23-
05-07	615,879	165,044	27		0	165,044-	27-
06-08	5,792,280	870,507	15		0	870,507-	15-
07-09	9,663,195	867,439	9	186,250	2	681,189-	7-
08-10	10,071,220	820,036	8	306,686	3	513,350-	5-
09-11	5,706,551	69,798	1	306,686	5	236,888	4
10-12	2,073,052	20,634	1	120,436	6	99,802	5
11-13	1,668,553	47	0		0	47-	0
12-14	12,759,438	1,879,951	15	562,585	4	1,317,366-	10-
13-15	12,785,137	2,021,578	16	1,337,339	10	684,239-	5-
14-16	12,987,839	2,026,098	16	1,337,339	10	688,759-	5-
15-17	1,308,688	634,457	48	1,023,738	78	389,281	30
16-18	1,199,000	492,830	41	248,983	21	243,847-	20-
17-19	1,864,394	494,074	27	248,983	13	245,091-	13-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	3,535,159	73,769	2	7,874	0	65,896-	2-
19-21	8,248,359	446,511	5	122,946	1	323,565-	4-
FIVE-YEAR AVERAGE							
17-21	5,407,198	560,893	10	223,157	4	337,735-	6-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	521,419	481,513	92		0	481,513-	92-
2004	9,818,757	219,512-	2-		0	219,512	2
2005	3,642,739	432,727	12		0	432,727-	12-
2006	774,270	1,540,406-	199-		0	1,540,406	199
2007	319,599	743,285-	233-		0	743,285	233
2008	3,420,740	43,797-	1-		0	43,797	1
2009	5,420,796	131,238	2	2,382,030	44	2,250,792	42
2010	9,742,294	43,543	0		0	43,543-	0
2011	2,630,294	842,428	32	188,128	7	654,299-	25-
2012	4,589		0		0		0
2013	11,009,256	2,900,224	26	164,675	1	2,735,549-	25-
2014	4,997,045	869,053	17		0	869,053-	17-
2015	14,855,505	2,024,824	14		0	2,024,824-	14-
2016	8,923,416	1,354,055	15	18,290-	0	1,372,345-	15-
2017	3,987,611	750,070	19		0	750,070-	19-
2018	7,010,362	763,289	11	275,845	4	487,444-	7-
2019	9,302,791	1,215,556	13		0	1,215,556-	13-
2020	9,507,798	680,541	7		0	680,541-	7-
2021	18,009,745	56,890	0	16,433	0	40,457-	0
TOTAL	123,899,023	9,998,951	8	3,008,822	2	6,990,129-	6-
THREE-YEAR MOVING AVERAGES							
03-05	4,660,972	231,576	5		0	231,576-	5-
04-06	4,745,255	442,397-	9-		0	442,397	9
05-07	1,578,869	616,988-	39-		0	616,988	39
06-08	1,504,870	775,829-	52-		0	775,829	52
07-09	3,053,712	218,615-	7-	794,010	26	1,012,625	33
08-10	6,194,610	43,661	1	794,010	13	750,349	12
09-11	5,931,128	339,070	6	856,720	14	517,650	9
10-12	4,125,725	295,324	7	62,710	2	232,614-	6-
11-13	4,548,046	1,247,550	27	117,601	3	1,129,949-	25-
12-14	5,336,963	1,256,425	24	54,892	1	1,201,534-	23-
13-15	10,287,268	1,931,367	19	54,892	1	1,876,475-	18-
14-16	9,591,988	1,415,977	15	6,097-	0	1,422,074-	15-
15-17	9,255,510	1,376,317	15	6,097-	0	1,382,413-	15-
16-18	6,640,463	955,805	14	85,852	1	869,953-	13-
17-19	6,766,921	909,639	13	91,948	1	817,690-	12-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	8,606,984	886,462	10	91,948	1	794,514-	9-
19-21	12,273,445	650,996	5	5,478	0	645,518-	5-
FIVE-YEAR AVERAGE							
17-21	9,563,661	693,269	7	58,456	1	634,814-	7-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 392.10 THROUGH 392.18 TRANSPORTATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	13,798,263		0	15-	0	15-	0
2004	2,623,320		0		0		0
2005	4,758,501		0		0		0
2006	2,598,261		0		0		0
2007	2,934,843		0		0		0
2008	2,386,022		0		0		0
2009	6,562,766	378,610	6	2,661,793	41	2,283,183	35
2010	1,505,003		0		0		0
2011							
2012							
2013	1,709,543		0		0		0
2014							
2015							
2016	4,331,023		0		0		0
2017	1,965,494	1,611,802-	82-	1,659,705	84	3,271,507	166
2018	1,181,551		0	280,303	24	280,303	24
2019	344,204	4,218-	1-	8,697	3	12,914	4
2020	545,426		0	47,042	9	47,042	9
2021	34,200		0		0		0
TOTAL	47,278,420	1,237,409-	3-	4,657,524	10	5,894,933	12
THREE-YEAR MOVING AVERAGES							
03-05	7,060,028		0	5-	0	5-	0
04-06	3,326,694		0		0		0
05-07	3,430,535		0		0		0
06-08	2,639,709		0		0		0
07-09	3,961,210	126,203	3	887,264	22	761,061	19
08-10	3,484,597	126,203	4	887,264	25	761,061	22
09-11	2,689,256	126,203	5	887,264	33	761,061	28
10-12	501,668		0		0		0
11-13	569,848		0		0		0
12-14	569,848		0		0		0
13-15	569,848		0		0		0
14-16	1,443,674		0		0		0
15-17	2,098,839	537,267-	26-	553,235	26	1,090,502	52
16-18	2,492,689	537,267-	22-	646,669	26	1,183,936	47
17-19	1,163,750	538,673-	46-	649,568	56	1,188,241	102

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 392.10 THROUGH 392.18 TRANSPORTATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	690,394	1,406-	0	112,014	16	113,419	16
19-21	307,943	1,406-	0	18,579	6	19,985	6
FIVE-YEAR AVERAGE							
17-21	814,175	323,204-	40-	399,149	49	722,353	89

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 396.04, 396.07 AND 396.09 POWER OPERATED EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
2003	5,673,628		0	9-	0	9-	0
2004	790,067		0		0		0
2005	2,493,646		0		0		0
2006	2,497,852		0		0		0
2007	596,993		0		0		0
2008	291,257		0		0		0
2009	1,431,197	51,735	4	401,550	28	349,815	24
2010	1,124,725		0		0		0
2011	190,633		0		0		0
2012	104,944		0		0		0
2013	1,159,325		0		0		0
2014							
2015							
2016	9,282,847		0		0		0
2017	918,151	1,552,709-	169-	3,004,039	327	4,556,748	496
2018	356,695		0	56,115	16	56,115	16
2019	16,278	22,073-	136-	196,430		218,503	
2020	85,370		0	658,579	771	658,579	771
2021	115,045	1,955	2		0	1,955-	2-
TOTAL	27,128,652	1,521,092-	6-	4,316,704	16	5,837,796	22
THREE-YEAR MOVING AVERAGES							
03-05	2,985,780		0	3-	0	3-	0
04-06	1,927,188		0		0		0
05-07	1,862,830		0		0		0
06-08	1,128,701		0		0		0
07-09	773,149	17,245	2	133,850	17	116,605	15
08-10	949,060	17,245	2	133,850	14	116,605	12
09-11	915,518	17,245	2	133,850	15	116,605	13
10-12	473,434		0		0		0
11-13	484,967		0		0		0
12-14	421,423		0		0		0
13-15	386,442		0		0		0
14-16	3,094,282		0		0		0
15-17	3,400,333	517,570-	15-	1,001,346	29	1,518,916	45
16-18	3,519,231	517,570-	15-	1,020,051	29	1,537,621	44
17-19	430,374	524,927-	122-	1,085,528	252	1,610,455	374

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 396.04, 396.07 AND 396.09 POWER OPERATED EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20	152,781	7,358-	5-	303,708	199	311,066	204
19-21	72,231	6,706-	9-	285,003	395	291,709	404
FIVE-YEAR AVERAGE							
17-21	298,308	314,565-	105-	783,033	262	1,097,598	368

OFFICIAL COPY

Sep 22 2023

PART IX. DETAILED DEPRECIATION CALCULATIONS

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 310.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 12-2030						
NET SALVAGE PERCENT.. 0						
1950	3,106.00	2,761	3,106			
	3,106.00	2,761	3,106			
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. 0						
1965	452,636.00	379,259	452,636			
	452,636.00	379,259	452,636			
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. 0						
1974	1,467,548.00	1,135,163	1,467,548			
1975	76,263.00	58,701	80,306	4,043-		
	1,543,811.00	1,193,864	1,547,854	4,043-		
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. 0						
1964	2,256.00	2,180	2,256			
1971	1,547.00	1,488	1,547			
1986	500.00	473	500			
	4,303.00	4,141	4,303			
	2,003,856.00	1,580,025	2,007,899	4,043-		
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					0.0	0.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2025						
NET SALVAGE PERCENT.. -5						
1970	195.00	189	148	57	3.93	15
1972	10,085,391.36	9,770,127	7,661,814	2,927,847	3.94	743,108
1973	119,306.00	115,414	90,509	34,763	3.94	8,823
1976	76,067.00	73,248	57,442	22,429	3.94	5,693
1978	279,969.00	268,610	210,646	83,321	3.95	21,094
1979	110,837.00	106,143	83,238	33,141	3.95	8,390
1982	6,960.00	6,625	5,195	2,113	3.95	535
1983	1,321,761.00	1,254,907	984,108	403,741	3.96	101,955
1987	35,631.00	33,482	26,257	11,156	3.96	2,817
1988	49,635.00	46,502	36,467	15,649	3.96	3,952
1989	60,367.92	56,363	44,200	19,186	3.97	4,833
1992	1,048,280.00	968,314	759,360	341,334	3.97	85,978
1993	46,452.00	42,735	33,513	15,261	3.97	3,844
1994	64,258.00	58,858	46,157	21,314	3.97	5,369
1995	714,538.00	651,478	510,894	239,371	3.97	60,295
1996	378,311.00	343,065	269,034	128,192	3.98	32,209
1997	14,125.00	12,740	9,991	4,840	3.98	1,216
1999	3,902.00	3,477	2,727	1,370	3.98	344
2000	107,606.00	95,226	74,677	38,309	3.98	9,625
2001	140,265.00	123,195	96,611	50,668	3.98	12,731
2002	15,540,891.00	13,537,686	10,616,364	5,701,571	3.98	1,432,556
2003	28,864.00	24,904	19,530	10,777	3.99	2,701
2004	414,254.00	353,867	277,505	157,461	3.99	39,464
2006	26,583.00	22,180	17,394	10,518	3.99	2,636
2007	255,092.50	209,890	164,597	103,250	3.99	25,877
2008	794,070.03	643,131	504,349	329,425	3.99	82,563
2009	894,576.93	711,609	558,050	381,256	3.99	95,553
2010	24,604,519.57	19,171,448	15,034,407	10,800,339	3.99	2,706,852
2011	728,760.51	554,348	434,724	330,474	3.99	82,826
2012	168,856.69	124,821	97,886	79,414	3.99	19,903
2016	1,609,730.03	978,551	767,388	922,829	4.00	230,707
2017	527,550.39	293,255	229,973	323,955	4.00	80,989
2018	120,289.95	58,942	46,223	80,082	4.00	20,020
2019	157,147.85	63,464	49,769	115,236	4.00	28,809
2020	223,268.62	63,937	50,140	184,292	4.00	46,073
	60,758,312.35	50,842,731	39,871,287	23,924,941		6,010,355

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2030						
NET SALVAGE PERCENT.. -17						
1951	2,601,664.70	2,675,173	2,097,893	946,055	8.45	111,959
1960	62,093.39	62,930	49,350	23,299	8.55	2,725
1963	6,648.00	6,698	5,253	2,526	8.58	294
1965	1,267.00	1,271	997	486	8.60	57
1966	58,569.00	58,627	45,976	22,550	8.61	2,619
1967	4,184.00	4,178	3,276	1,619	8.62	188
1969	2,237.00	2,223	1,743	874	8.64	101
1979	61,519.00	59,214	46,436	25,541	8.73	2,926
1982	6,960.00	6,614	5,187	2,956	8.76	337
1984	38,190.00	35,957	28,198	16,485	8.77	1,880
1989	611,340.00	559,447	438,723	276,545	8.81	31,390
1991	168,033.00	151,637	118,915	77,684	8.83	8,798
1993	118,375.00	105,193	82,493	56,006	8.84	6,336
1994	270,092.00	237,954	186,605	129,402	8.85	14,622
1995	245,608.00	214,389	168,126	119,236	8.86	13,458
1996	146,256.00	126,411	99,133	71,987	8.87	8,116
1998	43,502.00	36,800	28,859	22,038	8.88	2,482
1999	27,913.00	23,323	18,290	14,368	8.89	1,616
2002	55,066.00	44,086	34,573	29,855	8.91	3,351
2006	64,934.00	48,099	37,720	38,253	8.93	4,284
2007	102,504.94	74,032	58,056	61,874	8.94	6,921
2008	5,759,762.94	4,046,993	3,173,685	3,565,238	8.94	398,796
2009	318,097.01	216,523	169,799	202,374	8.95	22,612
2010	628,739.01	412,840	323,753	411,872	8.96	45,968
2011	26,579.29	16,757	13,141	17,957	8.96	2,004
2013	88,288.07	50,198	39,366	63,931	8.97	7,127
2016	162,416.98	72,178	56,603	133,425	8.98	14,858
2017	510,692.30	199,467	156,424	441,086	8.98	49,119
2020	932,398.71	155,989	122,328	968,579	8.99	107,740
	13,123,930.34	9,705,201	7,610,898	7,744,100		872,684
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2007	299.34	115	90	233	26.11	9
2010	2,148,580.78	702,475	550,887	1,769,581	26.28	67,336
2012	149,695,600.76	42,640,792	33,439,258	128,231,991	26.38	4,860,955

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2013	2,402,179.63	629,079	493,329	2,101,025	26.43	79,494
2014	130,122.03	30,921	24,249	116,283	26.48	4,391
2015	353,854.03	75,137	58,923	323,239	26.52	12,188
2016	554,900.14	102,623	80,478	518,814	26.57	19,526
2017	174,769.49	27,250	21,370	167,381	26.61	6,290
2018	33,635.86	4,217	3,307	33,020	26.65	1,239
2019	495,814.51	45,864	35,967	499,513	26.69	18,715
	155,989,756.57	44,258,473	34,707,857	133,761,080		5,070,143
CLIFFSIDE COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -6						
2010	6,576,397.41	2,110,325	1,654,934	5,316,047	26.28	202,285
2014	113,362.81	26,440	20,734	99,430	26.48	3,755
2015	8,718,851.43	1,817,066	1,424,958	7,817,024	26.52	294,760
2016	7,728,175.74	1,402,775	1,100,068	7,091,799	26.57	266,910
2017	1,862,479.43	285,019	223,514	1,750,714	26.61	65,792
2018	90,678,497.92	11,158,479	8,750,571	87,368,637	26.65	3,278,373
2019	31,626,925.57	2,871,377	2,251,757	31,272,784	26.69	1,171,704
2020	512,257.39	28,670	22,483	520,510	26.73	19,473
2021	15,982.84	311	244	16,698	26.76	624
	147,832,930.54	19,700,462	15,449,264	141,253,642		5,303,676
MARSHALL UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -3						
1965	3,552,748.46	3,238,984	2,540,038	1,119,293	6.76	165,576
2009	80,504.85	53,175	41,700	41,220	6.97	5,914
2011	376,710.53	232,807	182,569	205,443	6.98	29,433
	4,009,963.84	3,524,966	2,764,307	1,365,956		200,923

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -4						
1966	5,695,595.18	5,234,111	4,104,633	1,818,786	6.76	269,051
2018	396,989.72	137,754	108,028	304,841	6.99	43,611
	6,092,584.90	5,371,865	4,212,661	2,123,627		312,662
MARSHALL UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1969	7,480,724.85	6,398,467	5,017,730	2,762,224	10.45	264,328
1992	94,407.00	71,476	56,052	42,131	10.75	3,919
1993	428,840.00	321,704	252,283	193,711	10.76	18,003
2005	241,095.00	150,571	118,079	132,660	10.89	12,182
2008	1,057,135.48	606,627	475,722	623,699	10.91	57,168
2015	147,358.75	56,998	44,698	108,555	10.96	9,905
2016	143,246.07	49,689	38,967	110,009	10.97	10,028
	9,592,807.15	7,655,532	6,003,531	3,972,988		375,533
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1970	6,288,182.34	5,360,992	4,204,134	2,335,576	10.47	223,073
2005	241,658.00	150,923	118,355	132,969	10.89	12,210
2015	574,177.86	222,090	174,165	422,980	10.96	38,593
	7,104,018.20	5,734,005	4,496,654	2,891,525		273,876
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1971	212,705.53	180,776	141,766	79,448	10.48	7,581
1972	16,011.00	13,563	10,636	6,015	10.49	573
1973	998,141.00	842,443	660,651	377,416	10.51	35,910
1974	10,745.00	9,037	7,087	4,088	10.52	389

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1975	32,656.00	27,355	21,452	12,510	10.54	1,187
1976	7,196.00	6,004	4,708	2,775	10.55	263
1979	5,618.00	4,627	3,629	2,214	10.59	209
1980	347,333.71	284,755	223,307	137,920	10.60	13,011
1981	1,580,966.93	1,289,846	1,011,508	632,698	10.61	59,632
1982	6,960.00	5,648	4,429	2,809	10.63	264
1984	73,420.00	58,928	46,212	30,145	10.65	2,831
1985	436,374.71	348,078	272,966	180,864	10.67	16,951
1986	789,843.41	626,091	490,986	330,451	10.68	30,941
1988	28,903.00	22,604	17,726	12,333	10.70	1,153
1989	1,025,065.00	795,766	624,046	442,021	10.71	41,272
1990	315,517.60	242,970	190,539	137,599	10.73	12,824
1992	371,955.00	281,611	220,842	165,992	10.75	15,441
1993	732,748.00	549,688	431,070	330,988	10.76	30,761
1994	527,203.00	391,617	307,109	241,182	10.77	22,394
1995	61,075.00	44,891	35,204	28,314	10.78	2,627
1997	1,552,318.00	1,114,218	873,779	740,632	10.81	68,514
1998	366,920.33	259,982	203,880	177,717	10.82	16,425
1999	257,676.00	180,063	141,207	126,776	10.83	11,706
2000	625,570.00	430,614	337,691	312,902	10.84	28,865
2001	245,157.00	166,014	130,190	124,774	10.85	11,500
2004	1,154,789.53	737,955	578,710	622,271	10.88	57,194
2005	2,694,588.91	1,682,853	1,319,707	1,482,665	10.89	136,149
2006	529,445.00	322,538	252,937	297,686	10.89	27,336
2007	168,043.31	99,530	78,052	96,713	10.90	8,873
2008	3,495,486.94	2,005,853	1,573,006	2,062,300	10.91	189,028
2009	2,348,342.18	1,300,585	1,019,929	1,422,346	10.92	130,251
2010	7,501,245.26	3,991,299	3,130,009	4,671,286	10.93	427,382
2011	6,052,481.98	3,076,728	2,412,795	3,881,786	10.94	354,825
2012	1,510,223.43	729,166	571,818	998,814	10.94	91,299
2013	1,260,134.51	571,972	448,545	861,995	10.95	78,721
2014	2,267,065.57	956,397	750,014	1,607,734	10.96	146,691
2015	4,877,962.08	1,886,780	1,479,628	3,593,452	10.96	327,870
2016	2,998,693.87	1,040,192	815,727	2,302,915	10.97	209,928
2017	3,419,668.03	1,034,537	811,292	2,745,162	10.97	250,243
2018	105,647,220.44	26,557,429	20,826,554	89,046,556	10.98	8,109,887
2019	9,076,805.41	1,750,720	1,372,929	8,066,949	10.98	734,695
2020	1,968,839.17	245,916	192,849	1,854,743	10.99	168,766
2021	937,154.02	42,416	33,263	941,377	10.99	85,658
	168,536,268.86	56,210,055	44,080,386	131,197,334		11,968,020

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1974	13,679,944.82	11,159,481	8,751,357	5,749,385	13.21	435,230
1975	22,801,151.46	18,514,831	14,519,482	9,649,738	13.23	729,383
1998	219,670.00	146,132	114,598	118,252	13.69	8,638
2000	159,622.00	102,663	80,509	88,690	13.72	6,464
2003	89,648,990.00	54,212,483	42,513,874	52,514,056	13.77	3,813,657
2008	424,976.81	221,769	173,913	276,562	13.84	19,983
2014	159,545.00	59,112	46,356	122,762	13.92	8,819
2016	106,956.68	32,034	25,121	88,253	13.94	6,331
2017	284,961.00	73,548	57,677	244,382	13.95	17,518
2018	3,638,044.93	771,266	604,833	3,251,495	13.96	232,915
2019	630,476.56	101,502	79,599	588,706	13.96	42,171
2021	102,815.71	3,763	2,951	106,034	13.98	7,585
	131,857,154.97	85,398,584	66,970,270	72,798,314		5,328,694
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1996	125,647.00	86,099	67,520	65,666	13.65	4,811
1998	131,201.00	87,279	68,445	70,628	13.69	5,159
2003	61,980,342.78	37,480,716	29,392,685	36,306,479	13.77	2,636,636
2015	696,724.92	234,726	184,074	554,454	13.93	39,803
2016	1,614,371.37	483,509	379,172	1,332,062	13.94	95,557
2019	1,378,001.67	221,848	173,975	1,286,707	13.96	92,171
2020	24,926.75	2,562	2,009	24,413	13.97	1,748
	65,951,215.49	38,596,739	30,267,879	39,640,409		2,875,885
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1974	5,907,335.51	4,818,937	3,779,050	2,482,726	13.21	187,943
1975	2,323,860.20	1,887,005	1,479,805	983,487	13.23	74,338
1976	1,356,012.00	1,095,882	859,400	577,973	13.25	43,621
1978	46,079.00	36,854	28,901	19,943	13.30	1,499

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1979	235,235.42	187,117	146,739	102,611	13.32	7,704
1980	48,625.51	38,461	30,161	21,382	13.34	1,603
1981	158,126.53	124,334	97,504	70,110	13.36	5,248
1982	40,767.00	31,856	24,982	18,231	13.38	1,363
1983	40,672.00	31,574	24,761	18,352	13.40	1,370
1984	14,961.00	11,536	9,047	6,812	13.42	508
1986	16,420.00	12,475	9,783	7,622	13.46	566
1988	648,081.00	484,435	379,898	307,068	13.50	22,746
1990	36,883.00	27,073	21,231	17,865	13.54	1,319
1991	113,590.00	82,558	64,743	55,663	13.56	4,105
1993	1,461,098.79	1,039,252	814,990	733,775	13.60	53,954
1994	280,844.00	197,506	154,886	142,809	13.61	10,493
1995	1,751,031.00	1,215,945	953,554	902,539	13.63	66,217
1996	733,568.00	502,676	394,203	383,379	13.65	28,086
1997	765,244.00	516,951	405,397	405,761	13.67	29,683
1998	113,483.00	75,493	59,202	61,090	13.69	4,462
1999	186,778.15	122,283	95,895	102,090	13.70	7,452
2000	455,073.23	292,687	229,528	252,850	13.72	18,429
2002	29,731.00	18,388	14,420	17,095	13.75	1,243
2003	280,331.00	169,522	132,941	164,210	13.77	11,925
2004	358,350.00	211,543	165,894	213,957	13.78	15,527
2005	1,164,892.33	669,612	525,115	709,671	13.80	51,425
2006	15,027,986.33	8,393,181	6,582,001	9,347,664	13.81	676,876
2007	1,460,438.46	789,389	619,045	929,019	13.83	67,174
2008	179,423.13	93,630	73,425	116,763	13.84	8,437
2009	1,154,531.01	578,614	453,754	770,049	13.86	55,559
2010	858,526.52	411,528	322,724	587,314	13.87	42,344
2011	17,694,081.97	8,060,274	6,320,933	12,434,794	13.88	895,879
2012	1,127,815.50	484,637	380,056	815,428	13.89	58,706
2013	22,265,176.78	8,932,068	7,004,601	16,596,486	13.91	1,193,133
2014	2,545,603.93	943,151	739,627	1,958,713	13.92	140,712
2015	1,966,117.09	662,384	519,447	1,564,637	13.93	112,321
2016	8,224,186.43	2,463,169	1,931,637	6,786,000	13.94	486,801
2017	9,963,707.79	2,571,627	2,016,691	8,544,839	13.95	612,533
2018	53,151,343.37	11,268,085	8,836,525	47,503,899	13.96	3,402,858
2019	36,666,097.71	5,902,978	4,629,164	34,236,900	13.96	2,452,500
2020	4,572,854.54	469,987	368,568	4,478,658	13.97	320,591
2021	4,780,545.83	174,977	137,218	4,930,160	13.98	352,658
	200,205,509.06	66,101,634	51,837,443	160,380,397		11,531,911

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1957	6,188,215.87	6,286,974	4,930,297	1,567,330	1.98	791,581
1961	3,414,029.47	3,462,527	2,715,342	869,389	1.98	439,085
1962	12,863.00	13,040	10,226	3,280	1.98	1,657
1963	7,671.00	7,773	6,096	1,959	1.98	989
1964	12,320.00	12,477	9,785	3,151	1.98	1,591
1965	45,148.79	45,699	35,838	11,569	1.98	5,843
1966	20,902.00	21,145	16,582	5,365	1.98	2,710
1967	20,005.00	20,226	15,861	5,144	1.98	2,598
1973	3,598,718.20	3,623,994	2,841,966	936,688	1.98	473,075
1974	8,030.00	8,078	6,335	2,097	1.99	1,054
1975	42,767.00	42,990	33,713	11,192	1.99	5,624
1976	23,910.00	24,014	18,832	6,274	1.99	3,153
1978	20,976.29	21,030	16,492	5,533	1.99	2,780
1979	26,231.00	26,272	20,603	6,940	1.99	3,487
1981	12,001.00	11,994	9,406	3,195	1.99	1,606
1982	6,959.00	6,947	5,448	1,859	1.99	934
1983	85,546.00	85,301	66,894	22,930	1.99	11,523
1985	570,246.00	567,144	444,759	153,999	1.99	77,386
1986	1,473.00	1,463	1,147	399	1.99	201
1987	11,765.00	11,667	9,149	3,204	1.99	1,610
1988	27,355.00	27,084	21,239	7,483	1.99	3,760
1989	664,656.00	656,979	515,208	182,680	1.99	91,799
1990	226,136.00	223,130	174,980	62,462	1.99	31,388
1992	398,944.00	392,086	307,477	111,414	1.99	55,987
1993	245,641.00	240,900	188,916	69,007	1.99	34,677
1994	30,042.00	29,394	23,051	8,493	1.99	4,268
1996	77,830.00	75,756	59,408	22,313	1.99	11,213
1997	511,822.00	496,736	389,544	147,869	1.99	74,306
1998	362,784.73	350,987	275,247	105,677	1.99	53,104
2000	283,145.36	271,848	213,185	84,117	2.00	42,058
2001	370,887.00	354,628	278,102	111,329	2.00	55,664
2002	77,482.00	73,753	57,838	23,518	2.00	11,759
2003	116,618.00	110,456	86,621	35,828	2.00	17,914
2004	858,250.00	808,406	633,959	267,204	2.00	133,602
2005	907,430.00	849,461	666,154	286,647	2.00	143,324
2006	88,278.00	82,068	64,358	28,334	2.00	14,167
2007	165,560.45	152,715	119,760	54,078	2.00	27,039
2008	54,912.47	50,204	39,370	18,288	2.00	9,144
2009	44,300,256.47	40,090,580	31,439,362	15,075,908	2.00	7,537,954

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
2010	5,537,127.78	4,951,363	3,882,899	1,931,085	2.00	965,542
2011	46,840.38	41,307	32,393	16,789	2.00	8,394
2012	1,595,150.73	1,383,374	1,084,853	590,055	2.00	295,028
2013	167,508.16	142,350	111,632	64,252	2.00	32,126
2014	480,948.53	398,679	312,647	192,349	2.00	96,174
2015	2,410,940.30	1,935,854	1,518,113	1,013,375	2.00	506,688
2016	2,790,314.77	2,148,533	1,684,897	1,244,933	2.00	622,466
2017	832,753.40	605,350	474,720	399,671	2.00	199,836
2018	72,479,741.57	48,429,369	37,978,708	38,125,020	2.00	19,062,510
2019	10,577,762.44	6,170,411	4,838,887	6,267,764	2.00	3,133,882
2020	538,615.36	242,376	190,073	375,473	2.00	187,736
	161,355,511.52	126,086,892	98,878,375	70,544,912		35,291,996
	1,132,409,963.79	519,187,139	407,150,812	791,599,225		85,416,358
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					9.3	7.54

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2025						
NET SALVAGE PERCENT.. -5						
1972	19,829,452.64	19,068,428	18,103,706	2,717,219	3.62	750,613
1973	2,077,558.07	1,995,076	1,894,140	287,296	3.64	78,927
1974	132,762.00	127,304	120,863	18,537	3.66	5,065
1975	210,792.94	201,813	191,603	29,730	3.68	8,079
1976	11,120.00	10,629	10,091	1,585	3.70	428
1977	42,905.00	40,950	38,878	6,172	3.71	1,664
1978	3,029,573.00	2,886,200	2,740,180	440,872	3.73	118,196
1979	135,358.00	128,701	122,190	19,936	3.75	5,316
1980	81,542.00	77,394	73,478	12,141	3.76	3,229
1981	3,071,265.38	2,909,537	2,762,336	462,493	3.77	122,677
1982	27,844.00	26,317	24,986	4,251	3.79	1,122
1983	375,680.00	354,312	336,386	58,078	3.80	15,284
1984	221,148.00	208,093	197,565	34,640	3.81	9,092
1985	329,329.00	309,134	293,494	52,301	3.82	13,691
1986	1,169,820.00	1,095,224	1,039,814	188,497	3.83	49,216
1988	452,547.00	421,271	399,958	75,217	3.85	19,537
1989	1,289,146.00	1,196,274	1,135,751	217,852	3.86	56,438
1990	33,920.00	31,370	29,783	5,833	3.87	1,507
1991	518,129.00	477,446	453,291	90,745	3.88	23,388
1992	5,382,482.00	4,942,669	4,692,606	959,000	3.88	247,165
1993	741,100.56	677,727	643,439	134,717	3.89	34,632
1995	4,573,249.48	4,145,250	3,935,531	866,381	3.90	222,149
1997	89,066.00	79,906	75,863	17,656	3.91	4,516
1998	26,162.00	23,330	22,150	5,320	3.92	1,357
1999	404,531.00	358,555	340,415	84,343	3.92	21,516
2000	401,190.00	353,066	335,203	86,046	3.93	21,895
2001	4,096,441.67	3,578,867	3,397,803	903,461	3.93	229,888
2002	61,734,215.20	53,475,319	50,769,862	14,051,064	3.94	3,566,260
2003	1,272,761.00	1,092,854	1,037,564	298,835	3.94	75,846
2004	340,336.23	289,402	274,760	82,593	3.94	20,963
2005	295,381.00	248,309	235,746	74,404	3.95	18,836
2006	728,602.00	605,056	574,445	190,587	3.95	48,250
2007	1,110,920.97	909,926	863,890	302,577	3.95	76,602
2008	7,140,845.60	5,754,404	5,463,274	2,034,614	3.96	513,791
2009	1,017,459.83	805,395	764,648	303,685	3.96	76,688
2010	355,777,331.43	275,919,730	261,960,223	111,605,975	3.96	28,183,327
2011	27,567,251.31	20,873,551	19,817,503	9,128,111	3.96	2,305,079
2012	4,426,382.37	3,255,157	3,090,470	1,557,231	3.97	392,250
2013	2,029,951.43	1,442,927	1,369,926	761,523	3.97	191,819
2014	810,677.39	552,947	524,972	326,239	3.97	82,176
2015	10,129,064.58	6,559,987	6,228,100	4,407,418	3.97	1,110,181

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2025						
NET SALVAGE PERCENT.. -5						
2016	4,090,239.42	2,478,973	2,353,555	1,941,196	3.97	488,966
2017	31,202,095.43	17,257,489	16,384,387	16,377,813	3.98	4,115,028
2018	32,157,342.08	15,678,200	14,884,999	18,880,211	3.98	4,743,772
2019	3,736,747.81	1,502,537	1,426,520	2,497,066	3.98	627,404
2020	894,828.95	255,930	242,982	696,589	3.98	175,022
2021	41,575,575.60	4,872,262	4,625,761	39,028,593	3.98	9,806,179
	636,792,124.37	459,555,198	436,305,089	232,326,642		58,685,026
LEE						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2030						
NET SALVAGE PERCENT.. -17						
1958	3,804,122.95	3,927,630	3,728,921	721,903	5.50	131,255
1960	186,068.00	190,825	181,171	36,529	5.76	6,342
1965	1,638.00	1,653	1,569	347	6.35	55
1967	52,386.00	52,501	49,845	11,447	6.57	1,742
1969	90,563.00	90,142	85,581	20,377	6.78	3,005
1970	6,334.00	6,283	5,965	1,446	6.88	210
1971	257.00	254	241	60	6.98	9
1972	1,709.00	1,683	1,598	402	7.07	57
1975	127,856.00	124,495	118,196	31,395	7.34	4,277
1976	54,006.00	52,367	49,718	13,469	7.43	1,813
1977	297,629.00	287,422	272,881	75,345	7.51	10,033
1978	6,500.00	6,252	5,936	1,669	7.58	220
1979	67,295.00	64,437	61,177	17,558	7.66	2,292
1983	410,013.00	385,178	365,691	114,024	7.93	14,379
1984	15,676.00	14,654	13,913	4,428	7.98	555
1985	167,882.00	156,073	148,177	48,245	8.04	6,001
1986	66,561.00	61,538	58,425	19,452	8.09	2,404
1987	983,294.00	903,751	858,028	292,426	8.14	35,925
1989	278,273.00	252,461	239,688	85,891	8.24	10,424
1990	1,867,133.00	1,682,515	1,597,392	587,153	8.28	70,912
1991	8,936,669.00	7,995,001	7,590,513	2,865,390	8.32	344,398
1993	230,816.00	203,216	192,935	77,120	8.40	9,181
1995	482,346.00	417,260	396,150	168,195	8.46	19,881
1998	109,672.00	91,915	87,265	41,051	8.55	4,801
2000	78,590.00	64,224	60,975	30,976	8.60	3,602
2001	57,311.00	46,156	43,821	23,233	8.63	2,692

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2030						
NET SALVAGE PERCENT.. -17						
2002	3,394,757.50	2,692,766	2,556,532	1,415,334	8.65	163,622
2004	1,174,613.00	899,436	853,931	520,366	8.69	59,881
2006	163,097.42	119,713	113,656	77,168	8.72	8,850
2007	149,857.00	107,256	101,830	73,503	8.74	8,410
2008	247,851.45	172,490	163,763	126,223	8.76	14,409
2009	39,617.30	26,733	25,381	20,972	8.77	2,391
2010	187,972.64	122,454	116,259	103,669	8.78	11,807
2013	385,808.68	217,614	206,604	244,792	8.82	27,754
2014	9,025.04	4,764	4,523	6,036	8.83	684
2015	22,237,213.86	10,836,306	10,288,069	15,729,471	8.84	1,779,352
2016	428,773.57	189,007	179,445	322,220	8.85	36,409
	46,799,187.41	32,468,425	30,825,762	23,929,287		2,800,034
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2007	2,029.53	780	741	1,451	23.64	61
2010	194,373,136.15	63,552,085	60,336,817	149,586,170	24.16	6,191,481
2011	73,370.03	22,460	21,324	57,916	24.32	2,381
2012	987,862,769.56	280,773,913	266,568,821	800,322,971	24.47	32,706,292
2013	6,776.20	1,768	1,679	5,640	24.62	229
2014	2,831,331.25	670,400	636,483	2,421,355	24.75	97,833
2015	20,258,113.15	4,279,486	4,062,976	17,815,787	24.88	716,069
2016	7,021,187.03	1,293,185	1,227,759	6,355,123	25.00	254,205
2017	9,040,106.83	1,401,426	1,330,524	8,432,791	25.12	335,700
2018	44,513,313.51	5,545,860	5,265,280	42,809,098	25.23	1,696,754
2019	2,570,692.95	235,629	223,708	2,552,640	25.34	100,736
2020	2,821,003.18	161,078	152,929	2,893,755	25.44	113,748
2021	5,944,296.84	118,446	112,454	6,307,387	25.53	247,058
	1,277,318,126.21	358,056,516	339,941,493	1,039,562,083		42,462,547

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -6						
2011	11,490,898.75	3,452,399	3,277,733	8,902,619	24.32	366,062
2015	115,358.14	23,918	22,708	99,572	24.88	4,002
2017	532,710.92	81,053	76,952	487,721	25.12	19,416
2018	1,073,738.93	131,299	124,656	1,013,507	25.23	40,171
2019	866,116.64	77,918	73,976	844,108	25.34	33,311
2020	521,204.68	29,209	27,731	524,746	25.44	20,627
2021	318,352.32	6,226	5,911	331,542	25.53	12,986
	14,918,380.38	3,802,022	3,609,668	12,203,815		496,575
MARSHALL UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -3						
1965	153,701.66	139,789	132,717	25,596	5.36	4,775
1988	263,608.00	222,383	211,132	60,384	6.52	9,261
1990	66,677.00	55,635	52,820	15,857	6.58	2,410
1991	10,442.00	8,664	8,226	2,530	6.60	383
1992	1,950,846.00	1,608,220	1,526,856	482,515	6.63	72,778
1993	2,782,515.00	2,278,835	2,163,543	702,448	6.65	105,631
1995	833,729.16	673,004	638,955	219,786	6.69	32,853
1999	9,553,580.19	7,441,445	7,064,963	2,775,225	6.75	411,144
2002	118,348.00	88,988	84,486	37,413	6.79	5,510
2003	492,641.00	365,099	346,628	160,793	6.81	23,611
2004	11,134,572.00	8,126,083	7,714,963	3,753,646	6.82	550,388
2006	10,229.00	7,203	6,839	3,697	6.84	540
2007	410,936,922.58	283,333,611	268,999,017	154,266,013	6.85	22,520,586
2008	522,609.37	351,884	334,081	204,206	6.86	29,768
2009	393,159.74	257,681	244,644	160,310	6.87	23,335
2010	923,358.53	587,260	557,549	393,510	6.87	57,279
2011	9,659,236.47	5,929,712	5,629,712	4,319,301	6.88	627,805
2012	2,342,814.11	1,379,761	1,309,955	1,103,143	6.89	160,108
2013	1,886,161.34	1,057,922	1,004,399	938,347	6.90	135,992
2014	223,570.83	118,381	112,392	117,886	6.90	17,085
2015	183,470.49	90,422	85,847	103,127	6.91	14,924
2016	5,919,138.01	2,663,897	2,529,123	3,567,589	6.92	515,548
2017	2,118,527.99	849,332	806,362	1,375,722	6.92	198,804
2018	523,424.07	178,494	169,464	369,663	6.93	53,342

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -3						
2019	4,086,342.67	1,102,656	1,046,870	3,162,063	6.93	456,286
2020	425,444.08	76,594	72,719	365,488	6.94	52,664
2021	14,920,490.81	1,013,527	962,250	14,405,856	6.94	2,075,772
	482,435,560.10	320,006,482	303,816,511	193,092,116		28,158,582
MARSHALL UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -4						
1966	7,664,158.04	7,022,208	6,666,936	1,303,788	5.43	240,108
1988	263,607.00	224,541	213,181	60,970	6.52	9,351
1990	79,011.00	66,567	63,199	18,972	6.58	2,883
1993	2,364,596.00	1,955,368	1,856,441	602,739	6.65	90,637
1996	973,850.00	787,658	747,808	264,996	6.70	39,552
1997	7,752,788.38	6,215,528	5,901,068	2,161,832	6.72	321,701
2002	24,384,473.47	18,513,199	17,576,567	7,783,285	6.79	1,146,286
2003	373,387.00	279,406	265,270	123,052	6.81	18,069
2007	6,709,171.81	4,670,764	4,434,458	2,543,081	6.85	371,253
2008	11,747,553.97	7,986,673	7,582,606	4,634,850	6.86	675,634
2009	129,921.99	85,979	81,629	53,490	6.87	7,786
2010	694,069.35	445,717	423,167	298,665	6.87	43,474
2011	3,232,557.27	2,003,702	1,902,329	1,459,530	6.88	212,141
2012	2,590,695.52	1,540,560	1,462,619	1,231,704	6.89	178,767
2013	665,251.05	376,753	357,692	334,169	6.90	48,430
2014	291,365.49	155,777	147,896	155,124	6.90	22,482
2016	21,843,942.75	9,926,272	9,424,076	13,293,625	6.92	1,921,044
2017	275,867.41	111,671	106,021	180,881	6.92	26,139
2018	4,953,797.44	1,705,707	1,619,411	3,532,539	6.93	509,746
2019	1,482,561.85	403,938	383,502	1,158,363	6.93	167,152
2020	441,212.92	80,204	76,146	382,715	6.94	55,146
2021	14,810,113.86	1,015,796	964,404	14,438,114	6.94	2,080,420
	113,723,953.57	65,573,988	62,256,427	56,016,485		8,188,201

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1969	9,570,144.22	8,275,679	7,856,991	2,095,959	7.72	271,497
1988	63,430.00	49,270	46,777	19,190	9.76	1,966
1992	242,858.00	182,332	173,107	79,465	10.02	7,931
1994	458,370.13	337,478	320,404	156,301	10.12	15,445
1995	1,229,729.00	895,690	850,375	428,543	10.17	42,138
1998	2,017,694.00	1,415,918	1,344,283	754,119	10.31	73,144
1999	16,909,019.37	11,700,784	11,108,810	6,476,570	10.35	625,756
2003	4,741,274.00	3,064,668	2,909,618	2,021,307	10.48	192,873
2005	4,303,825.00	2,662,177	2,527,490	1,948,488	10.54	184,866
2006	62,294,044.39	37,557,628	35,657,489	29,128,318	10.57	2,755,754
2007	11,287,391.96	6,614,041	6,279,419	5,459,468	10.60	515,044
2008	106,584,675.13	60,539,669	57,476,808	53,371,255	10.62	5,025,542
2009	1,028,455.58	564,018	535,483	534,111	10.64	50,198
2010	165,133.16	87,061	82,656	89,082	10.66	8,357
2011	2,837,714.69	1,430,045	1,357,695	1,593,528	10.68	149,207
2012	1,980,818.58	947,356	899,427	1,160,625	10.70	108,470
2013	28,149,147.24	12,661,486	12,020,908	17,254,205	10.72	1,609,534
2014	585,185.49	244,654	232,276	376,317	10.74	35,039
2015	3,227,171.77	1,235,674	1,173,158	2,183,101	10.76	202,890
2016	1,458,025.00	501,365	476,000	1,040,346	10.77	96,597
2017	6,058,033.64	1,813,179	1,721,445	4,578,909	10.79	424,366
2018	913,143.10	227,389	215,885	733,784	10.80	67,943
2019	3,998,528.46	765,782	727,039	3,431,431	10.81	317,431
2020	31,561,193.69	3,899,449	3,702,166	29,121,476	10.83	2,688,964
2021	4,351,152.70	195,715	185,813	4,339,386	10.84	400,312
	306,016,158.30	157,868,507	149,881,523	168,375,282		15,871,264
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1970	12,799,861.57	11,018,756	10,461,288	2,850,568	7.86	362,668
1990	51,917.00	39,689	37,681	16,313	9.89	1,649
1991	167,303.00	126,762	120,349	53,646	9.96	5,386
1992	36,314.00	27,264	25,885	11,882	10.02	1,186
1994	1,835,935.00	1,351,721	1,283,334	626,039	10.12	61,862
1999	2,406,434.00	1,665,216	1,580,968	921,723	10.35	89,055
2001	11,868,554.00	7,958,093	7,555,472	4,787,824	10.42	459,484

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
2002	6,699,790.95	4,414,717	4,191,365	2,776,418	10.45	265,686
2003	254,928.00	164,781	156,444	108,681	10.48	10,370
2004	3,719,951.50	2,354,947	2,235,804	1,632,946	10.51	155,371
2006	18,362,438.89	11,070,876	10,510,771	8,586,165	10.57	812,315
2007	48,504,263.78	28,421,908	26,983,969	23,460,465	10.60	2,213,251
2008	209,661.57	119,087	113,062	104,986	10.62	9,886
2009	492,933.12	270,331	256,654	255,996	10.64	24,060
2010	128,835.39	67,924	64,488	69,501	10.66	6,520
2011	395,247.99	199,182	189,105	221,953	10.68	20,782
2012	5,645,062.22	2,699,835	2,563,243	3,307,621	10.70	309,123
2013	329,014.21	147,991	140,504	201,671	10.72	18,813
2014	7,192,105.01	3,006,875	2,854,749	4,625,040	10.74	430,637
2015	32,387,101.24	12,400,917	11,773,522	21,909,063	10.76	2,036,158
2016	11,235,285.08	3,863,428	3,667,967	8,016,729	10.77	744,357
2017	456,072.89	136,503	129,597	344,719	10.79	31,948
2018	2,281,138.85	568,044	539,305	1,833,079	10.80	169,730
2019	826,431.79	158,275	150,267	709,222	10.81	65,608
2020	3,356,610.42	414,716	393,734	3,097,140	10.83	285,978
2021	27,613,681.27	1,242,063	1,179,224	27,539,005	10.84	2,540,499
	199,256,872.74	93,909,901	89,158,752	118,068,396		11,132,382
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1971	36,740.98	31,481	29,888	8,322	8.00	1,040
1972	1,010,642.67	862,013	818,401	232,667	8.13	28,618
1973	5,848,241.16	4,964,511	4,713,343	1,368,828	8.26	165,718
1974	135,958.00	114,845	109,035	32,362	8.39	3,857
1975	764,667.97	642,796	610,275	184,979	8.51	21,737
1976	306,723.00	256,540	243,561	75,431	8.63	8,741
1977	2,565,160.00	2,134,213	2,026,238	641,529	8.75	73,318
1978	527,763.73	436,800	414,701	134,173	8.86	15,144
1979	544,659.00	448,308	425,627	140,818	8.97	15,699
1982	330,492.00	267,360	253,834	89,878	9.27	9,696
1983	654,514.00	526,279	499,653	181,041	9.36	19,342
1984	2,959,803.00	2,364,546	2,244,917	833,278	9.45	88,178
1985	168,067.00	133,394	126,645	48,144	9.53	5,052

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1986	3,101,488.22	2,444,739	2,321,053	904,495	9.61	94,120
1987	3,077,387.00	2,408,139	2,286,305	914,178	9.69	94,342
1988	520,721.62	404,479	384,015	157,535	9.76	16,141
1989	746,469.00	575,290	546,185	230,143	9.83	23,412
1990	3,382,569.27	2,585,882	2,455,055	1,062,817	9.89	107,464
1991	345,912.00	262,091	248,831	110,917	9.96	11,136
1992	2,495,962.81	1,873,909	1,779,103	816,698	10.02	81,507
1993	1,103,407.42	820,643	779,125	368,419	10.07	36,586
1995	1,219,045.13	887,909	842,987	424,820	10.17	41,772
1996	236,674.31	170,394	161,773	84,368	10.22	8,255
1997	513,862.00	365,498	347,006	187,410	10.26	18,266
1998	1,075,608.13	754,808	716,620	402,012	10.31	38,992
1999	1,834,992.36	1,269,787	1,205,545	702,847	10.35	67,908
2000	689,326.98	470,007	446,228	270,672	10.38	26,076
2001	75,627.73	50,710	48,144	30,508	10.42	2,928
2002	3,471,114.29	2,287,234	2,171,517	1,438,442	10.45	137,650
2003	2,799,789.55	1,809,730	1,718,171	1,193,610	10.48	113,894
2004	92,962.00	58,850	55,873	40,808	10.51	3,883
2005	15,345,191.20	9,491,934	9,011,712	6,947,287	10.54	659,135
2006	713,309.90	430,061	408,303	333,539	10.57	31,555
2007	5,971,129.34	3,498,886	3,321,868	2,888,106	10.60	272,463
2008	4,249,641.23	2,413,779	2,291,660	2,127,967	10.62	200,374
2009	1,577,470.83	865,105	821,337	819,233	10.64	76,996
2010	16,752,283.44	8,832,099	8,385,260	9,037,115	10.66	847,759
2011	2,387,858.09	1,203,343	1,142,463	1,340,910	10.68	125,553
2012	6,959,720.99	3,328,590	3,160,188	4,077,922	10.70	381,114
2013	2,586,492.31	1,163,404	1,104,544	1,585,408	10.72	147,893
2014	6,728,930.41	2,813,231	2,670,902	4,327,185	10.74	402,904
2015	5,215,146.17	1,996,863	1,895,836	3,527,916	10.76	327,873
2016	6,173,240.06	2,122,765	2,015,369	4,404,801	10.77	408,988
2017	6,578,687.87	1,969,012	1,869,394	4,972,441	10.79	460,838
2018	91,844,341.64	22,870,858	21,713,761	73,804,354	10.80	6,833,736
2019	106,769,534.39	20,448,074	19,413,552	91,626,764	10.81	8,476,111
2020	24,280,315.04	2,999,881	2,848,109	22,403,419	10.83	2,068,644
2021	8,072,487.13	363,100	344,730	8,050,657	10.84	742,681
	354,842,132.37	119,494,170	113,448,645	255,587,173		23,845,089

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1998	281,912.00	185,951	176,543	122,283	12.82	9,538
2000	17,389,803.93	11,079,270	10,518,741	7,914,452	12.95	611,155
2001	214,269.00	133,911	127,136	99,989	13.01	7,686
2002	1,067,593.80	653,822	620,743	510,906	13.06	39,120
2003	165,126,061.11	98,841,488	93,840,836	81,192,788	13.12	6,188,475
2004	4,123,568.94	2,408,281	2,286,440	2,084,543	13.17	158,280
2006	126,073.00	69,642	66,119	67,519	13.26	5,092
2007	33,288,153.45	17,813,503	16,912,271	18,373,172	13.30	1,381,442
2008	19,891,468.51	10,270,904	9,751,272	11,333,685	13.34	849,602
2009	9,155,128.94	4,541,579	4,311,809	5,392,628	13.38	403,036
2010	403,084.94	191,109	181,440	245,830	13.42	18,318
2011	5,284,157.38	2,381,689	2,261,193	3,340,014	13.45	248,328
2012	374,777.31	159,188	151,134	246,130	13.49	18,245
2013	26,442,998.73	10,501,282	9,969,994	18,059,584	13.52	1,335,768
2014	437,615.22	160,518	152,397	311,475	13.55	22,987
2015	4,907,478.63	1,635,954	1,553,187	3,648,741	13.58	268,685
2016	16,090,691.75	4,776,400	4,534,749	12,521,384	13.60	920,690
2017	35,046,062.38	8,956,210	8,503,092	28,645,734	13.63	2,101,668
2018	370,490.08	77,943	74,000	318,720	13.65	23,349
2019	53,895,492.39	8,592,235	8,157,531	48,971,691	13.67	3,582,421
2020	1,420,079.17	144,071	136,782	1,368,502	13.70	99,891
2021	6,935,320.88	248,479	235,908	7,115,532	13.72	518,625
	402,272,281.54	183,823,429	174,523,317	251,885,301		18,812,401
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1998	401,481.05	264,819	251,421	174,149	12.82	13,584
1999	8,360,921.20	5,425,403	5,150,918	3,711,659	12.88	288,172
2000	13,069,619.30	8,326,824	7,905,548	5,948,248	12.95	459,324
2002	342,106.67	209,515	198,915	163,718	13.06	12,536
2003	139,973,197.37	83,785,436	79,546,510	68,825,079	13.12	5,245,814
2004	4,725,150.78	2,759,621	2,620,004	2,388,655	13.17	181,371
2005	202,077.37	114,988	109,170	105,032	13.21	7,951
2006	630,513.00	348,294	330,673	337,671	13.26	25,465
2007	449,123.99	240,340	228,181	247,891	13.30	18,638
2008	3,383,697.90	1,747,163	1,658,769	1,927,950	13.34	144,524

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2009	4,393,131.12	2,179,298	2,069,042	2,587,677	13.38	193,399
2010	41,673,276.89	19,758,001	18,758,392	25,415,282	13.42	1,893,836
2012	11,587,935.12	4,922,006	4,672,989	7,610,222	13.49	564,138
2013	4,904,286.76	1,947,634	1,849,098	3,349,446	13.52	247,740
2014	10,013,412.72	3,672,944	3,487,120	7,127,097	13.55	525,985
2015	2,507,556.20	835,917	793,626	1,864,384	13.58	137,289
2016	12,483,833.71	3,705,731	3,518,248	9,714,615	13.60	714,310
2017	5,103,231.76	1,304,158	1,238,177	4,171,248	13.63	306,034
2018	36,757,384.60	7,732,952	7,341,722	31,621,106	13.65	2,316,565
2019	4,351,925.45	693,801	658,700	3,954,341	13.67	289,271
2020	16,651,636.97	1,689,352	1,603,883	16,046,852	13.70	1,171,303
2021	3,555,104.95	127,372	120,928	3,647,483	13.72	265,852
	325,520,604.88	151,791,569	144,112,033	200,939,808		15,023,101
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1974	22,086,401.94	18,365,453	17,436,296	5,975,290	9.79	610,346
1975	50,397,992.32	41,638,075	39,531,495	13,890,377	9.97	1,393,217
1976	134,189.52	110,121	104,550	37,691	10.15	3,713
1977	1,402,823.21	1,143,200	1,085,362	401,630	10.33	38,880
1978	140,820.00	113,961	108,195	41,074	10.50	3,912
1979	151,594.00	121,830	115,666	45,023	10.66	4,224
1980	2,501,863.63	1,995,505	1,894,547	757,428	10.83	69,938
1981	790,182.13	625,640	593,987	243,606	10.98	22,186
1982	303,321.85	238,318	226,261	95,260	11.13	8,559
1983	1,160,252.00	904,284	858,534	371,333	11.28	32,920
1984	169,240.12	130,825	124,206	55,188	11.42	4,833
1985	4,913,677.19	3,766,890	3,576,313	1,632,185	11.55	141,315
1987	4,341,106.26	3,269,417	3,104,009	1,497,564	11.80	126,912
1988	9,094,935.00	6,784,883	6,441,618	3,199,013	11.92	268,374
1989	8,446,698.87	6,240,411	5,924,692	3,028,809	12.03	251,771
1990	1,621,038.60	1,185,782	1,125,790	592,511	12.13	48,847
1991	592,593.00	428,755	407,063	221,085	12.24	18,062
1992	5,187,383.10	3,712,562	3,524,734	1,973,892	12.33	160,089
1993	355,891.10	251,732	238,996	138,248	12.42	11,131
1994	756,102.00	528,200	501,477	299,991	12.51	23,980

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1996	7,251,622.00	4,931,645	4,682,140	3,004,579	12.67	237,141
1998	4,381,591.84	2,890,125	2,743,906	1,900,581	12.82	148,251
1999	15,628.03	10,141	9,628	6,938	12.88	539
2000	189,841.00	120,950	114,831	86,401	12.95	6,672
2001	268,260.00	167,653	159,171	125,185	13.01	9,622
2002	1,100,344.04	673,879	639,786	526,579	13.06	40,320
2003	222,415.00	133,134	126,398	109,361	13.12	8,335
2004	4,209,924.25	2,458,714	2,334,321	2,128,199	13.17	161,594
2005	2,313,924.61	1,316,691	1,250,076	1,202,684	13.21	91,043
2006	227,775.00	125,822	119,456	121,985	13.26	9,199
2007	1,135,907.00	607,858	577,105	626,957	13.30	47,140
2008	515,693,647.68	266,276,971	252,805,317	293,829,949	13.34	22,026,233
2009	3,879,356.35	1,924,430	1,827,068	2,285,050	13.38	170,781
2010	5,537,083.24	2,625,224	2,492,407	3,376,901	13.42	251,632
2011	4,610,463.92	2,078,040	1,972,906	2,914,185	13.45	216,668
2012	17,640,241.50	7,492,738	7,113,661	11,584,995	13.49	858,784
2013	11,593,704.84	4,604,196	4,371,258	7,918,070	13.52	585,656
2014	19,353,344.96	7,098,853	6,739,703	13,774,842	13.55	1,016,594
2015	12,490,943.82	4,163,974	3,953,308	9,287,093	13.58	683,880
2016	16,702,410.48	4,957,984	4,707,147	12,997,409	13.60	955,692
2017	17,719,907.19	4,528,418	4,299,313	14,483,788	13.63	1,062,640
2018	90,533,313.65	19,046,236	18,082,637	77,882,676	13.65	5,705,691
2019	13,486,047.76	2,150,000	2,041,226	12,253,985	13.67	896,414
2020	129,133,844.59	13,100,964	12,438,152	124,443,724	13.70	9,083,484
2021	13,647,598.98	488,966	464,228	14,002,227	13.72	1,020,570
	1,007,887,247.57	445,529,450	422,988,941	645,371,541		48,537,784
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1957	305,097.70	307,958	292,378	27,975	1.79	15,628
1961	7,490,915.91	7,549,978	7,168,005	697,457	1.83	381,124
1962	115,723.90	116,588	110,690	10,821	1.84	5,881
1963	22,692.86	22,852	21,696	2,132	1.85	1,152
1964	55,069.00	55,442	52,637	5,185	1.85	2,803
1965	8,731.00	8,786	8,341	826	1.86	444
1966	1,239,968.24	1,247,115	1,184,020	117,946	1.87	63,073

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1967	14,874.06	14,955	14,198	1,419	1.87	759
1968	182,652.00	183,544	174,258	17,527	1.88	9,323
1969	157,544.00	158,215	150,210	15,211	1.89	8,048
1970	244,917.37	245,863	233,424	23,739	1.89	12,560
1972	2,434,025.00	2,440,003	2,316,557	239,169	1.91	125,219
1973	3,459,555.17	3,466,272	3,290,904	341,629	1.91	178,863
1974	1,457,213.32	1,458,880	1,385,071	145,003	1.92	75,522
1975	1,540,260.90	1,541,084	1,463,116	154,157	1.92	80,290
1976	812,876.06	812,585	771,474	82,046	1.93	42,511
1978	1,351,981.00	1,349,581	1,281,302	138,278	1.93	71,647
1979	76,781.00	76,564	72,690	7,930	1.94	4,088
1980	9,138.83	9,105	8,644	951	1.94	490
1981	926,406.64	922,174	875,519	97,208	1.94	50,107
1982	1,844,603.00	1,833,890	1,741,109	195,724	1.95	100,371
1983	50,931.38	50,584	48,025	5,453	1.95	2,796
1984	117,269.00	116,340	110,454	12,678	1.95	6,502
1985	2,899,251.00	2,872,002	2,726,700	317,514	1.96	161,997
1986	63,114.00	62,443	59,284	6,986	1.96	3,564
1987	1,492,769.27	1,474,899	1,400,280	167,128	1.96	85,269
1988	657,212.00	648,406	615,601	74,471	1.96	37,995
1989	3,970,148.95	3,909,574	3,711,778	456,878	1.97	231,918
1990	22,986,246.24	22,598,365	21,455,054	2,680,504	1.97	1,360,662
1991	3,880,006.38	3,807,730	3,615,087	458,920	1.97	232,954
1992	3,625,918.54	3,551,484	3,371,805	435,409	1.97	221,020
1993	2,394,748.00	2,340,810	2,222,382	292,103	1.97	148,276
1994	2,092,251.58	2,040,579	1,937,341	259,523	1.97	131,738
1996	3,815,700.00	3,701,511	3,514,242	492,243	1.98	248,608
1997	1,288,669.09	1,246,573	1,183,506	169,597	1.98	85,655
1998	1,860,989.90	1,794,687	1,703,889	250,150	1.98	126,338
1999	540,695.00	519,688	493,396	74,334	1.98	37,542
2000	12,772,878.74	12,231,845	11,613,004	1,798,519	1.98	908,343
2001	8,645,733.00	8,246,655	7,829,435	1,248,585	1.98	630,598
2002	1,068,319.46	1,014,542	963,214	158,522	1.98	80,062
2003	3,764,163.00	3,555,355	3,375,480	576,891	1.99	289,895
2004	7,103,977.00	6,673,352	6,335,730	1,123,446	1.99	564,546
2005	616,787.00	575,869	546,734	100,892	1.99	50,699
2006	5,322,247.34	4,935,360	4,685,667	902,693	1.99	453,615
2007	1,012,227.90	931,387	884,266	178,574	1.99	89,736
2008	6,214,258.16	5,667,916	5,381,161	1,143,810	1.99	574,779
2009	349,972,015.94	315,973,285	299,987,364	67,483,253	1.99	33,911,182
2010	3,684,513.84	3,287,694	3,121,361	747,379	1.99	375,567

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
2011	2,917,121.00	2,567,020	2,437,148	625,829	1.99	314,487
2012	4,954,451.27	4,288,464	4,071,499	1,130,675	1.99	568,178
2013	1,046,240.05	887,542	842,639	255,913	1.99	128,599
2014	2,014,477.98	1,666,927	1,582,593	532,609	1.99	267,643
2015	6,821,467.48	5,467,740	5,191,113	1,971,428	1.99	990,667
2016	29,055,583.42	22,337,308	21,207,205	9,301,158	1.99	4,673,949
2017	4,022,964.43	2,920,847	2,773,074	1,451,039	1.99	729,165
2018	3,221,684.79	2,152,118	2,043,237	1,339,532	1.99	673,132
2019	76,922,736.50	44,711,225	42,449,166	38,319,707	2.00	19,159,854
2020	722,795.37	324,012	307,619	451,316	2.00	225,658
2021	92,885.06	19,193	18,222	79,307	2.00	39,654
	607,456,476.02	524,992,765	498,431,997	139,397,303		70,052,745
	5,775,239,105.46	2,916,872,422	2,769,300,158	3,336,755,232		344,065,731
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					9.7	5.96

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

CLIFFSIDE UNIT 5 (J.E. ROGERS)
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5
PROBABLE RETIREMENT YEAR.. 12-2025
NET SALVAGE PERCENT.. -5

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1972	14,458,599.96	13,847,377	9,422,504	5,759,026	3.75	1,535,740
1973	247,984.00	237,193	161,399	98,984	3.76	26,326
1976	4,156.00	3,959	2,694	1,670	3.78	442
1978	996,961.00	946,923	644,338	402,471	3.79	106,193
1979	11,825.00	11,212	7,629	4,787	3.80	1,260
1980	11,094.00	10,502	7,146	4,503	3.80	1,185
1981	7,044.00	6,655	4,528	2,868	3.81	753
1982	20,080.00	18,932	12,882	8,202	3.82	2,147
1984	63,829.00	59,928	40,778	26,242	3.83	6,852
1985	10,825.00	10,142	6,901	4,465	3.83	1,166
1988	11,391.00	10,587	7,204	4,757	3.85	1,236
1989	1,010,687.00	936,443	637,206	424,015	3.86	109,848
1993	103,850.00	94,883	64,564	44,479	3.88	11,464
1995	1,772,445.02	1,605,431	1,092,422	768,645	3.89	197,595
1996	24,746.20	22,311	15,182	10,802	3.89	2,777
1997	63,836.00	57,241	38,950	28,078	3.90	7,199
2003	419,031.00	360,170	245,079	194,903	3.92	49,720
2005	2,495,539.00	2,100,760	1,429,471	1,190,845	3.93	303,014
2006	2,953,912.00	2,455,357	1,670,758	1,430,850	3.94	363,160
2008	310,574.77	250,836	170,682	155,421	3.94	39,447
2009	1,354,613.14	1,074,254	730,981	691,363	3.95	175,029
2010	25,825,550.74	20,069,978	13,656,698	13,460,130	3.95	3,407,628
2011	379,866.11	288,020	195,984	202,875	3.96	51,231
2012	680,436.57	501,736	341,408	373,050	3.96	94,205
2013	106.23	76	52	60	3.96	15
2014	720.46	492	335	422	3.97	106
2015	3,601,559.22	2,338,073	1,590,951	2,190,686	3.97	551,810
2016	78,663.56	47,824	32,542	50,055	3.97	12,608
2017	1,145,623.74	636,325	432,990	769,915	3.98	193,446
2018	14,019.66	6,867	4,673	10,048	3.98	2,525
2019	200,407.82	81,183	55,241	155,187	3.98	38,992
2020	108,826.69	31,069	21,141	93,127	3.99	23,340
2021	1,511,322.15	176,716	120,247	1,466,641	3.99	367,579
	59,900,126.04	48,299,455	32,865,561	30,029,571		7,686,038

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2030						
NET SALVAGE PERCENT.. -17						
1958	5,631,280.52	5,623,237	3,826,354	2,762,244	7.09	389,597
1961	1,256.00	1,247	849	621	7.25	86
1962	27,275.00	27,019	18,385	13,527	7.30	1,853
1971	1,744.00	1,692	1,151	889	7.69	116
1976	11,409.00	10,911	7,424	5,924	7.87	753
1977	97,494.00	92,949	63,248	50,820	7.90	6,433
1978	33,656.00	31,981	21,762	17,616	7.93	2,221
1979	57,420.00	54,356	36,987	30,195	7.97	3,789
1983	18,152.00	16,918	11,512	9,726	8.08	1,204
1984	30.00	28	19	16	8.11	2
1985	693.00	640	435	375	8.14	46
1989	251,057.00	226,776	154,311	139,426	8.25	16,900
1990	897,559.00	805,849	548,343	501,801	8.27	60,677
1992	8,789.00	7,783	5,296	4,987	8.32	599
1993	86,920.00	76,371	51,967	49,729	8.35	5,956
2002	32,720.00	26,014	17,701	20,581	8.56	2,404
2004	55,407.00	42,579	28,973	35,853	8.60	4,169
2006	75,456.00	55,617	37,845	50,439	8.64	5,838
2008	872,331.46	610,672	415,534	605,094	8.68	69,711
2009	228,471.39	155,073	105,520	161,791	8.70	18,597
2011	294,521.78	185,324	126,104	218,486	8.74	24,998
2014	345.27	184	125	279	8.80	32
	8,683,987.42	8,053,220	5,479,846	4,680,419		615,981
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2007	530.48	207	141	432	23.09	19
2010	367,342.57	123,240	83,859	312,871	23.59	13,263
2012	263,616,996.91	77,181,046	52,518,159	232,188,198	23.93	9,702,808
2013	1,144.03	308	210	1,026	24.10	43
2014	249,038.46	61,027	41,526	227,435	24.26	9,375
2015	501,841.35	109,850	74,748	467,241	24.43	19,126
2016	43,726.64	8,361	5,689	41,535	24.59	1,689
2017	63,177.60	10,220	6,954	61,278	24.75	2,476

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2018	77,790.36	10,116	6,883	77,130	24.91	3,096
2019	222,805.64	21,423	14,577	226,053	25.07	9,017
2020	2,041,236.44	122,153	83,120	2,121,416	25.23	84,083
	267,185,630.48	77,647,951	52,835,866	235,724,615		9,844,995
MARSHALL UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -3						
1989	15,411.00	12,893	8,773	7,100	6.55	1,084
2004	1,232,138.30	901,685	613,555	655,547	6.76	96,974
2005	862,480.00	620,427	422,172	466,182	6.78	68,758
2010	123,108.36	78,617	53,495	73,306	6.84	10,717
2011	12,575,832.95	7,755,155	5,277,027	7,676,081	6.85	1,120,596
2012	501,212.95	296,828	201,978	314,272	6.86	45,812
2016	780,084.79	353,559	240,581	562,907	6.91	81,463
2017	32,002,337.69	12,900,827	8,778,420	24,183,987	6.92	3,494,796
2019	217,759.25	59,224	40,299	183,993	6.94	26,512
2020	161,644.96	29,554	20,110	146,384	6.95	21,062
2021	42,729.69	2,950	2,007	42,004	6.96	6,035
	48,514,739.94	23,011,719	15,658,418	34,311,764		4,973,809
MARSHALL UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -4						
1966	6,963,712.40	6,285,631	4,277,083	2,965,178	6.08	487,694
1988	215,071.00	182,589	124,243	99,430	6.53	15,227
1990	182,440.00	153,310	104,320	85,417	6.57	13,001
2002	571,758.00	434,703	295,795	298,833	6.74	44,337
2003	45,144.00	33,860	23,040	23,910	6.75	3,542
2008	8,501,476.38	5,799,163	3,946,064	4,895,471	6.82	717,811
2011	406,864.65	253,338	172,385	250,754	6.85	36,606
2013	140,725.84	80,110	54,511	91,844	6.88	13,349

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -4						
2016	3,799,632.30	1,738,830	1,183,194	2,768,424	6.91	400,640
2018	34,034,059.83	11,809,683	8,035,947	27,359,475	6.93	3,947,976
2021	209,845.11	14,626	9,952	208,287	6.96	29,926
	55,070,729.51	26,785,843	18,226,536	39,047,023		5,710,109
MARSHALL UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1969	7,664,187.45	6,432,718	4,377,169	3,593,586	8.94	401,967
1989	59,799.00	45,792	31,159	31,032	9.87	3,144
1999	6,803,081.00	4,715,270	3,208,525	3,866,679	10.22	378,344
2003	4,593,119.14	2,980,321	2,027,972	2,748,872	10.35	265,591
2006	4,656,363.70	2,823,246	1,921,089	2,921,529	10.45	279,572
2008	290,086.90	165,897	112,885	188,805	10.51	17,964
2009	254,120.27	140,372	95,517	168,768	10.54	16,012
2012	123,249.05	59,433	40,441	87,738	10.63	8,254
2013	16,522,918.27	7,496,964	5,101,340	12,082,495	10.66	1,133,442
2014	144,167.55	60,974	41,490	108,444	10.68	10,154
2017	1,946,951.30	590,137	401,561	1,623,268	10.77	150,721
2019	923,284.99	179,052	121,837	838,380	10.82	77,484
2021	11,018,730.66	503,988	342,941	11,116,539	10.87	1,022,681
	55,000,059.28	26,194,164	17,823,926	39,376,136		3,765,330
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1970	6,997,662.42	5,854,659	3,983,827	3,293,742	9.00	365,971
1988	298,000.00	229,812	156,377	153,543	9.83	15,620
1989	19,424.00	14,874	10,121	10,080	9.87	1,021
2001	14,502,833.61	9,751,276	6,635,296	8,447,651	10.29	820,957
2002	82,969.00	54,844	37,319	48,969	10.32	4,745
2006	12,840,650.63	7,785,543	5,297,705	8,056,572	10.45	770,964
2008	37,869.73	21,657	14,737	24,648	10.51	2,345
2009	632,900.97	349,605	237,890	420,327	10.54	39,879

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
2010	94,894.51	50,418	34,307	64,383	10.57	6,091
2013	3,658,534.94	1,659,991	1,129,548	2,675,329	10.66	250,969
2015	32,417,578.20	12,561,267	8,547,365	25,166,916	10.71	2,349,852
2016	508,987.93	177,104	120,511	408,836	10.74	38,067
2019	1,435,275.94	278,341	189,398	1,303,289	10.82	120,452
2020	915,019.21	114,908	78,190	873,430	10.85	80,500
	74,442,601.09	38,904,299	26,472,589	50,947,716		4,867,433
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1971	4,411.78	3,680	2,504	2,084	9.05	230
1972	11,110.00	9,235	6,284	5,270	9.11	578
1974	1,294.00	1,068	727	619	9.21	67
1977	1,317,884.00	1,075,893	732,096	638,503	9.36	68,216
1978	44,099.00	35,850	24,394	21,469	9.41	2,282
1979	9,581.00	7,757	5,278	4,686	9.45	496
1982	1,279.00	1,021	695	635	9.58	66
1983	4,239.00	3,367	2,291	2,117	9.63	220
1984	106,496.00	84,147	57,258	53,498	9.67	5,532
1985	7,699.00	6,050	4,117	3,890	9.71	401
1987	955,035.00	741,322	504,436	488,801	9.79	49,929
1988	885,623.00	682,975	464,733	456,315	9.83	46,421
1989	46,328.00	35,476	24,140	24,041	9.87	2,436
2000	34,537.00	23,585	16,049	19,870	10.26	1,937
2007	255,446.42	150,664	102,520	163,144	10.48	15,567
2008	494,230.11	282,643	192,326	321,674	10.51	30,606
2009	71,806.34	39,665	26,990	47,688	10.54	4,524
2010	170,895.99	90,798	61,784	115,948	10.57	10,970
2011	114,298.65	58,059	39,506	79,364	10.60	7,487
2012	57,609.54	27,780	18,903	41,011	10.63	3,858
2013	369,050.60	167,450	113,942	269,871	10.66	25,316
2014	1,698,158.51	718,214	488,712	1,277,373	10.68	119,604
2015	24,128.10	9,349	6,362	18,732	10.71	1,749
2016	775,081.24	269,692	183,513	622,571	10.74	57,968
2017	58,002.67	17,581	11,963	48,360	10.77	4,490
2018	332,368.64	83,931	57,111	288,552	10.79	26,743

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
2019	340,813.89	66,094	44,974	309,473	10.82	28,602
2020	241,420.37	30,318	20,630	230,447	10.85	21,239
2021	151,400.54	6,925	4,712	152,744	10.87	14,052
	8,584,327.39	4,730,589	3,218,949	5,708,751		551,586
BELEWS CREEK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2000	11,284,429.77	7,208,236	4,904,874	7,056,622	12.76	553,027
2005	1,616,611.00	926,393	630,368	1,083,240	13.01	83,262
2007	116,510.27	62,883	42,789	80,712	13.11	6,157
2008	340,652.29	177,549	120,814	240,277	13.16	18,258
2009	42,974,123.99	21,540,444	14,657,283	30,895,288	13.21	2,338,780
2011	146,767.95	66,961	45,564	110,010	13.30	8,271
2013	10,477,307.57	4,219,371	2,871,088	8,234,858	13.40	614,542
2014	115,824.05	43,136	29,352	93,421	13.44	6,951
2015	4,368,642.20	1,478,926	1,006,341	3,624,420	13.49	268,675
2017	9,971,514.95	2,595,522	1,766,134	8,803,672	13.58	648,282
2018	1,369,913.50	293,486	199,704	1,252,405	13.62	91,953
2019	7,490,902.62	1,215,192	826,882	7,113,474	13.67	520,371
2020	3,202,349.11	332,762	226,429	3,168,061	13.71	231,077
2021	3,724,310.31	138,527	94,261	3,853,508	13.75	280,255
	97,199,859.58	40,299,388	27,421,883	75,609,968		5,669,861
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1999	1,366,462.33	888,132	604,333	844,117	12.70	66,466
2004	14,752,403.98	8,675,555	5,903,317	9,734,231	12.96	751,098
2006	357,273.00	198,989	135,403	243,307	13.06	18,630
2010	48,860,751.97	23,425,183	15,939,761	35,852,636	13.26	2,703,819
2012	345,642.28	148,802	101,253	265,128	13.35	19,860
2013	226,680.47	91,288	62,117	178,164	13.40	13,296
2014	21,103,046.01	7,859,429	5,347,981	17,021,248	13.44	1,266,462

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2016	3,303,984.88	996,418	678,017	2,824,207	13.53	208,737
2017	430,034.72	111,935	76,167	379,670	13.58	27,958
2018	15,750,533.44	3,374,341	2,296,084	14,399,481	13.62	1,057,231
2019	226,663.49	36,770	25,020	215,243	13.67	15,746
2020	4,425,760.87	459,889	312,933	4,378,373	13.71	319,356
	111,149,237.44	46,266,731	31,482,386	86,335,806		6,468,659
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1974	6,801,667.93	5,456,208	3,712,699	3,497,069	11.12	314,485
1975	8,801,345.98	7,029,443	4,783,213	4,546,214	11.19	406,275
1976	487,948.52	387,831	263,901	253,324	11.27	22,478
1977	1,213,779.68	960,130	653,324	633,282	11.34	55,845
1978	66,096.00	52,009	35,390	34,672	11.42	3,036
1979	16,956.00	13,272	9,031	8,942	11.49	778
1980	16,325.00	12,709	8,648	8,657	11.56	749
1981	938.00	726	494	500	11.63	43
1983	34,406.00	26,312	17,904	18,566	11.76	1,579
1984	22,415.00	17,028	11,587	12,173	11.83	1,029
1985	8,407.00	6,343	4,316	4,595	11.89	386
1987	551,988.00	410,377	279,243	305,865	12.02	25,446
1988	21,273.00	15,691	10,677	11,872	12.08	983
1989	269,206.00	196,917	133,993	151,365	12.14	12,468
1990	984,316.83	713,606	485,576	557,800	12.20	45,721
1992	481,576.00	342,449	233,021	277,450	12.32	22,520
1993	99,378.00	69,950	47,598	57,743	12.37	4,668
1994	622,191.00	432,996	294,634	364,889	12.43	29,356
1995	648,464.00	445,871	303,395	383,977	12.49	30,743
1996	531,971.66	361,217	245,792	318,098	12.54	25,367
2005	522,913.00	299,654	203,901	350,387	13.01	26,932
2008	236,983.55	123,516	84,047	167,156	13.16	12,702
2009	371,199.21	186,061	126,606	266,865	13.21	20,202
2010	653,847.43	313,472	213,303	479,775	13.26	36,182
2011	196,077.12	89,457	60,871	146,970	13.30	11,050
2012	671,668.71	289,159	196,759	515,209	13.35	38,592
2013	502,201.07	202,244	137,618	394,715	13.40	29,456

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2014	1,311,255.44	488,352	332,301	1,057,630	13.44	78,693
2015	1,314,801.79	445,103	302,872	1,090,818	13.49	80,861
2016	1,093,960.01	329,917	224,493	935,104	13.53	69,113
2017	10,887,334.41	2,833,903	1,928,341	9,612,234	13.58	707,823
2018	712,809.97	152,710	103,912	651,666	13.62	47,846
2019	154,996.29	25,144	17,109	147,187	13.67	10,767
2020	472,066.95	49,053	33,378	467,013	13.71	34,064
	40,782,764.55	22,778,830	15,499,948	27,729,782		2,208,238
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1957	3,868,896.72	3,898,589	2,652,811	1,409,531	1.90	741,858
1961	3,942,990.55	3,968,366	2,700,291	1,439,849	1.91	753,848
1962	32,869.00	33,071	22,503	12,009	1.91	6,287
1963	1,640.00	1,649	1,122	600	1.92	312
1964	3,079.00	3,095	2,106	1,127	1.92	587
1971	1,808.00	1,812	1,233	665	1.93	345
1973	256,943.00	257,105	174,948	94,842	1.94	48,888
1974	96,034.00	96,036	65,348	35,488	1.94	18,293
1975	596,111.00	595,747	405,378	220,538	1.94	113,679
1976	94,676.96	94,556	64,341	35,070	1.94	18,077
1978	5,620.00	5,603	3,813	2,088	1.95	1,071
1981	710,025.00	706,043	480,430	265,096	1.95	135,947
1983	7,341.00	7,283	4,956	2,752	1.96	1,404
1984	3,139.00	3,111	2,117	1,179	1.96	602
1985	1,878.00	1,859	1,265	707	1.96	361
1989	1,246,728.13	1,227,300	835,121	473,943	1.96	241,808
1990	2,145,730.00	2,108,148	1,434,498	818,519	1.97	415,492
1992	441,023.00	431,738	293,778	169,296	1.97	85,937
1994	711,012.00	693,124	471,639	274,924	1.97	139,555
1995	277,220.00	269,611	183,458	107,623	1.97	54,631
1996	990,999.00	961,374	654,171	386,378	1.97	196,131
2001	69,431.00	66,223	45,062	27,841	1.98	14,061
2004	335,509.00	315,397	214,613	137,671	1.98	69,531
2008	2,846,787.25	2,597,790	1,767,677	1,221,450	1.99	613,794
2009	86,175.48	77,848	52,972	37,512	1.99	18,850

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
2010	2,074,090.82	1,851,954	1,260,170	917,626	1.99	461,119
2011	270,277.27	238,027	161,966	121,825	1.99	61,219
2012	904,215.95	783,258	532,971	416,456	1.99	209,274
2013	84,363.73	71,632	48,742	39,840	1.99	20,020
2014	113,668.33	94,165	64,075	55,277	1.99	27,777
2015	125,606.43	100,827	68,608	63,279	1.99	31,798
2016	39,547,940.85	30,448,039	20,718,493	20,806,845	1.99	10,455,701
2017	384,349.75	279,632	190,277	213,290	1.99	107,181
2018	355,263.72	236,887	161,191	211,836	2.00	105,918
2019	204,111.41	118,854	80,875	133,442	2.00	66,721
2020	739,470.74	332,761	226,429	550,016	2.00	275,008
2021	13,005.79	2,731	1,858	11,798	2.00	5,899
	63,590,030.88	52,981,245	36,051,306	30,718,226		15,518,984
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -10						
2006	14,673.94	6,098	4,149	11,992	22.91	523
	14,673.94	6,098	4,149	11,992		523
	890,118,767.54	415,959,532	283,041,363	660,231,769		67,881,546
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					9.7	7.63

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2025						
NET SALVAGE PERCENT.. -5						
1972	4,944,585.63	4,768,059	4,263,639	928,176	3.82	242,978
1973	215,926.00	207,922	185,926	40,797	3.83	10,652
1976	64,395.00	61,753	55,220	12,395	3.84	3,228
1978	45,982.00	43,953	39,303	8,978	3.85	2,332
1982	54,613.00	51,811	46,330	11,014	3.87	2,846
1988	59,578.00	55,675	49,785	12,772	3.90	3,275
1989	1,613,794.00	1,503,651	1,344,578	349,906	3.90	89,719
1990	94,955.00	88,169	78,841	20,861	3.91	5,335
1992	272,525.00	251,218	224,641	61,510	3.92	15,691
1993	19,531.00	17,935	16,038	4,470	3.92	1,140
1994	84,218.00	76,990	68,845	19,584	3.93	4,983
1995	72,049.00	65,573	58,636	17,016	3.93	4,330
1996	8,458,818.00	7,661,760	6,851,211	2,030,548	3.93	516,679
1997	59,323.00	53,432	47,779	14,510	3.94	3,683
2000	17,042.00	15,063	13,469	4,425	3.95	1,120
2002	3,889,974.00	3,386,028	3,027,815	1,056,658	3.95	267,508
2006	1,192,965.00	994,951	889,694	362,920	3.97	91,416
2007	27,253.05	22,418	20,046	8,569	3.97	2,158
2008	350,432.88	283,807	253,783	114,172	3.97	28,759
2010	477,271.12	371,707	332,384	168,751	3.98	42,400
2011	31,609.88	24,036	21,493	11,697	3.98	2,939
2012	505,068.62	373,394	333,892	196,430	3.98	49,354
2015	90,762.68	59,017	52,774	42,527	3.99	10,658
2017	309,517.35	172,259	154,035	170,958	3.99	42,847
2020	1,075,678.21	308,038	275,450	854,012	4.00	213,503
	24,027,867.42	20,918,619	18,705,607	6,523,654		1,659,533
LEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2030						
NET SALVAGE PERCENT.. -17						
1958	987,134.49	995,403	890,098	264,850	7.66	34,576
1960	13,352.00	13,418	11,998	3,623	7.73	469
1961	107.00	107	96	30	7.77	4
1962	2,634.00	2,637	2,358	724	7.80	93
1963	332.00	332	297	92	7.83	12
1964	171.00	171	153	47	7.86	6
1965	187.00	186	166	52	7.89	7

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2030						
NET SALVAGE PERCENT.. -17						
1966	3,676.00	3,652	3,266	1,035	7.92	131
1967	404.00	400	358	115	7.95	14
1968	32,815.00	32,453	29,020	9,374	7.98	1,175
1970	95,859.99	94,342	84,361	27,795	8.04	3,457
1973	263,345.33	257,127	229,925	78,189	8.12	9,629
1977	2,401.00	2,316	2,071	738	8.22	90
1979	5,568.00	5,333	4,769	1,746	8.27	211
1980	15,476.00	14,767	13,205	4,902	8.29	591
1984	468,522.00	439,342	392,863	155,307	8.39	18,511
1989	514,590.52	469,645	419,961	182,110	8.49	21,450
1990	48,602.00	44,073	39,410	17,454	8.51	2,051
1991	294,628.00	265,351	237,279	107,436	8.53	12,595
1992	46,492.00	41,551	37,155	17,240	8.56	2,014
1993	11,416,585.00	10,124,512	9,053,424	4,303,980	8.58	501,629
1994	591,315.00	520,228	465,192	226,646	8.59	26,385
2002	14,328.00	11,476	10,262	6,502	8.74	744
2004	64,364.00	49,767	44,502	30,804	8.78	3,508
2005	92,085.00	69,813	62,427	45,312	8.79	5,155
2007	77,783.77	56,259	50,307	40,700	8.82	4,615
2008	224,963.61	158,209	141,472	121,736	8.84	13,771
2010	399,019.57	262,460	234,694	232,159	8.87	26,174
2011	187,977.03	118,742	106,180	113,753	8.88	12,810
2013	88,608.30	50,462	45,124	58,548	8.91	6,571
2015	200,523.59	98,657	88,220	146,393	8.93	16,393
2016	363,114.57	161,636	144,536	280,308	8.94	31,354
2017	120,112.16	47,018	42,044	98,487	8.95	11,004
	16,637,076.93	14,411,845	12,887,194	6,578,186		767,199
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2007	303.90	119	106	222	24.60	9
2010	254,870.59	85,273	76,252	199,008	25.02	7,954
2012	150,075,783.36	43,715,095	39,090,410	122,991,436	25.29	4,863,244
2014	180,515.52	43,889	39,246	155,711	25.54	6,097
2015	50,015.15	10,850	9,702	44,314	25.66	1,727

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2017	2,306,924.73	367,418	328,548	2,162,930	25.90	83,511
2020	644,433.55	37,674	33,688	662,300	26.21	25,269
2021	189,151.48	3,810	3,407	200,877	26.31	7,635
	153,701,998.28	44,264,128	39,581,360	126,416,798		4,995,446
CLIFFSIDE COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -6						
2015	106,682.29	22,715	20,312	92,771	25.66	3,615
2018	13,997.76	1,755	1,569	13,268	26.01	510
2019	1,170,732.92	108,437	96,965	1,144,012	26.11	43,815
2020	23,655.95	1,357	1,213	23,862	26.21	910
	1,315,068.92	134,264	120,060	1,273,913		48,850
MARSHALL UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -3						
1965	499,666.10	452,043	404,221	110,435	6.33	17,446
1997	4,436,383.00	3,546,689	3,171,479	1,397,995	6.80	205,588
2000	26,608.00	20,651	18,466	8,940	6.83	1,309
2003	83,020.00	62,018	55,457	30,054	6.86	4,381
2006	5,714.00	4,056	3,627	2,259	6.89	328
2009	15,979.26	10,557	9,440	7,018	6.92	1,014
2011	152,081.77	94,023	84,076	72,568	6.94	10,456
2012	167,734.46	99,612	89,074	83,693	6.94	12,060
2016	8,679.28	3,939	3,522	5,417	6.97	777
2017	597,871.60	241,064	215,561	400,246	6.98	57,342
2019	939,682.45	254,976	228,002	739,871	6.99	105,847
2021	671,083.58	46,146	41,264	649,952	6.99	92,983
	7,604,503.50	4,835,774	4,324,190	3,508,449		509,531

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -4						
1966	1,241,662.52	1,132,328	1,012,537	278,792	6.35	43,904
1992	128,501.63	107,631	96,245	37,397	6.74	5,549
2000	21,334.00	16,719	14,950	7,237	6.83	1,060
2003	75,006.00	56,576	50,591	27,416	6.86	3,997
2005	51,744.00	37,786	33,789	20,025	6.88	2,911
2008	96,388.00	66,053	59,065	41,178	6.91	5,959
2009	7,361.14	4,911	4,391	3,264	6.92	472
2012	26,019.19	15,602	13,951	13,109	6.94	1,889
2016	3,392,241.56	1,554,442	1,389,995	2,137,936	6.97	306,734
2018	204,721.48	71,106	63,584	149,327	6.98	21,394
2021	677,448.21	47,036	42,060	662,486	6.99	94,776
	5,922,427.73	3,110,190	2,781,158	3,378,167		488,645
MARSHALL UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1969	2,633,630.75	2,237,826	2,001,083	737,893	9.52	77,510
1989	68,471.00	53,048	47,436	23,774	10.23	2,324
1990	9,134.00	7,023	6,280	3,219	10.26	314
1993	177,465.00	133,006	118,935	65,628	10.35	6,341
1994	19,060,392.51	14,146,745	12,650,140	7,172,668	10.38	691,008
1997	36,542.00	26,243	23,467	14,537	10.46	1,390
2000	85,117.00	58,637	52,434	36,088	10.55	3,421
2004	60,290.00	38,603	34,519	28,182	10.65	2,646
2006	25,839.00	15,766	14,098	12,774	10.70	1,194
2008	629,031.93	361,658	323,398	330,796	10.75	30,772
2009	357,984.76	198,725	177,702	194,603	10.77	18,069
2010	268,321.74	143,180	128,033	151,022	10.79	13,996
2011	30,350.58	15,477	13,840	17,725	10.81	1,640
2013	3,384,204.47	1,540,939	1,377,921	2,141,652	10.85	197,387
2015	199,793.02	77,441	69,248	138,536	10.89	12,721
2017	1,352,420.14	409,817	366,462	1,040,055	10.92	95,243
2019	66,086.32	12,775	11,424	57,306	10.95	5,233
2021	640,608.32	29,041	25,969	640,264	10.97	58,365
	29,085,682.54	19,505,950	17,442,387	12,806,723		1,219,574

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1970	3,562,732.58	3,018,364	2,699,047	1,006,195	9.56	105,251
1989	68,471.00	53,048	47,436	23,774	10.23	2,324
1992	187,763.00	142,003	126,980	68,293	10.32	6,618
1994	86,925.50	64,517	57,692	32,711	10.38	3,151
1995	10,418,472.57	7,653,452	6,843,782	3,991,429	10.41	383,423
1997	32,598.00	23,410	20,933	12,968	10.46	1,240
2001	8,213.00	5,570	4,981	3,561	10.57	337
2006	44,810.00	27,342	24,449	22,153	10.70	2,070
2008	96,140.95	55,276	49,428	50,558	10.75	4,703
2012	217,693.80	105,379	94,231	132,171	10.83	12,204
2015	4,160,151.41	1,612,508	1,441,918	2,884,639	10.89	264,889
2019	1,008,450.02	194,938	174,315	874,473	10.95	79,861
	19,892,421.83	12,955,807	11,585,193	9,102,926		866,071
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1971	273,644.65	231,124	206,673	77,917	9.60	8,116
1972	2,779.00	2,340	2,092	798	9.64	83
1973	753,819.00	632,555	565,636	218,336	9.68	22,555
1975	2,850.00	2,374	2,123	841	9.76	86
1976	85,435.00	70,928	63,424	25,428	9.79	2,597
1977	12,075.00	9,985	8,929	3,629	9.83	369
1978	9,208.00	7,582	6,780	2,796	9.87	283
1979	10,163.00	8,334	7,452	3,117	9.90	315
1982	19,261.00	15,574	13,926	6,105	10.00	610
1983	254,816.00	204,934	183,254	81,755	10.04	8,143
1984	422,437.00	337,936	302,185	137,149	10.07	13,620
1989	3,581,661.00	2,774,885	2,481,326	1,243,602	10.23	121,564
1992	283,025.00	214,048	191,404	102,942	10.32	9,975
1993	13,885.00	10,406	9,305	5,135	10.35	496
1994	53,907.00	40,010	35,777	20,286	10.38	1,954
2003	855,405.00	559,082	499,936	389,685	10.63	36,659
2005	1,886,485.00	1,180,384	1,055,509	906,435	10.68	84,872
2006	2,128,349.00	1,298,673	1,161,284	1,052,198	10.70	98,336
2007	519,501.00	308,328	275,710	264,572	10.72	24,680
2008	927,746.17	533,401	476,972	487,884	10.75	45,385

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
2009	106,284.49	59,001	52,759	57,777	10.77	5,365
2010	3,622,487.54	1,933,009	1,728,513	2,038,874	10.79	188,960
2011	715,478.75	364,854	326,256	417,842	10.81	38,653
2012	161,268.61	78,065	69,806	97,913	10.83	9,041
2015	223,014.66	86,442	77,297	154,638	10.89	14,200
2018	883,350.96	222,193	198,687	719,998	10.94	65,813
2019	55,851.42	10,796	9,654	48,432	10.95	4,423
2020	864,884.68	108,288	96,832	802,648	10.96	73,234
2021	3,690,080.44	167,285	149,588	3,688,096	10.97	336,198
	22,419,153.37	11,472,816	10,259,090	13,056,830		1,216,585
BELEWS CREEK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1997	84,097.45	56,929	50,906	38,237	13.10	2,919
2000	352,111.00	227,145	203,115	170,123	13.23	12,859
2003	1,785,811.92	1,084,288	969,580	923,381	13.35	69,167
2004	15,767,394.32	9,341,475	8,353,226	8,360,212	13.40	623,896
2005	113,717.36	65,623	58,681	61,860	13.44	4,603
2012	52,856.93	22,824	20,409	35,619	13.69	2,602
2013	132,835.10	53,565	47,898	92,907	13.73	6,767
2015	192,635.21	65,209	58,310	145,883	13.79	10,579
2016	50,087.62	15,075	13,480	39,613	13.82	2,866
2017	622,509.80	161,633	144,534	515,327	13.84	37,235
2019	1,519,045.07	245,602	219,619	1,390,568	13.89	100,113
2021	686,077.30	25,199	22,533	704,709	13.93	50,589
	21,359,179.08	11,364,567	10,162,292	12,478,438		924,195
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1997	103,588.14	70,123	62,705	47,099	13.10	3,595
1999	50,389.00	33,084	29,584	23,828	13.18	1,808
2004	17,306,105.84	10,253,092	9,168,402	9,176,070	13.40	684,781

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2010	320,523.50	154,296	137,973	201,782	13.63	14,804
2012	222,060.28	95,886	85,742	149,642	13.69	10,931
2015	247,336.39	83,726	74,869	187,308	13.79	13,583
2016	41,251.86	12,416	11,102	32,624	13.82	2,361
2017	271,163.78	70,407	62,959	224,475	13.84	16,219
2018	141,544.92	30,164	26,973	123,065	13.87	8,873
2019	364,468.38	58,928	52,694	333,643	13.89	24,020
2020	259,926.89	26,819	23,982	251,541	13.91	18,083
	19,328,358.98	10,888,941	9,736,984	10,751,077		799,058
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1974	4,621,184.12	3,756,772	3,359,337	1,539,118	11.91	129,229
1975	9,858,787.62	7,979,129	7,135,005	3,315,310	11.97	276,968
1978	2,536.00	2,023	1,809	879	12.14	72
1979	278,208.00	220,765	197,410	97,491	12.20	7,991
1980	60,375.00	47,654	42,613	21,385	12.25	1,746
1981	23,404.00	18,364	16,421	8,387	12.31	681
1982	6,699.00	5,226	4,673	2,428	12.36	196
1985	74,890.00	57,268	51,210	28,174	12.52	2,250
1988	1,070,275.00	799,828	715,213	419,279	12.67	33,092
1989	310,119.00	229,783	205,474	123,252	12.72	9,690
1990	113,725.00	83,508	74,674	45,875	12.77	3,592
1991	46,782.00	34,022	30,423	19,166	12.82	1,495
1993	163,556.00	116,504	104,179	69,190	12.91	5,359
1994	16,916.00	11,911	10,651	7,280	12.96	562
1995	66,756.00	46,445	41,532	29,230	13.00	2,248
1996	322,253.00	221,271	197,862	143,726	13.05	11,013
1997	138,030.00	93,438	83,553	62,759	13.10	4,791
2004	89,370.00	52,948	47,347	47,386	13.40	3,536
2006	1,341,345.83	751,919	672,372	749,454	13.48	55,597
2007	26,718.57	14,513	12,978	15,344	13.51	1,136
2008	13,281.39	6,963	6,226	7,852	13.55	579
2009	202,003.96	101,728	90,966	123,158	13.59	9,062
2010	60,628.05	29,186	26,098	38,167	13.63	2,800
2012	67,366.71	29,089	26,012	45,397	13.69	3,316

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2013	92,725.54	37,391	33,435	64,854	13.73	4,724
2014	83,315.09	31,020	27,738	60,576	13.76	4,402
2015	8,203,652.95	2,777,027	2,483,241	6,212,631	13.79	450,517
2016	533,814.66	160,666	143,669	422,175	13.82	30,548
2018	1,685,073.61	359,093	321,104	1,465,074	13.87	105,629
2019	1,532,157.70	247,722	221,515	1,402,572	13.89	100,977
2020	111,345.04	11,489	10,274	107,752	13.91	7,746
	31,217,294.84	18,334,665	16,395,013	16,695,320		1,271,544
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1957	678,064.69	686,188	613,595	98,373	1.93	50,970
1961	966,167.65	976,311	873,026	141,450	1.94	72,912
1962	22,737.00	22,968	20,538	3,336	1.94	1,720
1963	3,892.00	3,930	3,514	572	1.94	295
1964	2,105.00	2,125	1,900	310	1.94	160
1965	50.00	50	45	8	1.95	4
1966	169,628.00	171,031	152,937	25,172	1.95	12,909
1967	13,365.00	13,469	12,044	1,989	1.95	1,020
1969	62.00	62	55	10	1.95	5
1970	19,433.00	19,554	17,485	2,919	1.95	1,497
1971	100.00	101	90	15	1.95	8
1973	819,144.10	822,592	735,569	124,533	1.96	63,537
1974	40,425.00	40,568	36,276	6,170	1.96	3,148
1975	2,629.00	2,636	2,357	403	1.96	206
1978	95,725.13	95,771	85,639	14,872	1.96	7,588
1982	36,774.00	36,642	32,766	5,847	1.97	2,968
1983	9,965.00	9,918	8,869	1,594	1.97	809
1986	88,133.00	87,397	78,151	14,389	1.97	7,304
1989	740,754.00	731,070	653,729	124,063	1.98	62,658
1990	1,339,675.39	1,319,925	1,180,288	226,371	1.98	114,329
1991	19,550,709.04	19,227,575	17,193,461	3,334,783	1.98	1,684,234
1992	218,638.00	214,609	191,905	37,665	1.98	19,023
1994	54,982.00	53,736	48,051	9,680	1.98	4,889
1996	33,190.00	32,276	28,861	5,988	1.98	3,024
1997	5,352,876.20	5,190,663	4,641,535	978,985	1.98	494,437

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
2001	30,727.00	29,366	26,259	6,004	1.99	3,017
2002	4,545.00	4,325	3,867	905	1.99	455
2003	50,059.00	47,399	42,385	10,177	1.99	5,114
2005	373,945.42	350,013	312,985	79,658	1.99	40,029
2006	1,986,054.64	1,846,313	1,650,989	434,369	1.99	218,276
2007	480,962.47	443,692	396,753	108,257	1.99	54,401
2008	3,264,356.45	2,984,937	2,669,156	758,418	1.99	381,115
2009	150,469.44	136,204	121,795	36,198	1.99	18,190
2010	1,409,418.94	1,259,830	1,126,551	353,339	2.00	176,670
2011	164,768.03	145,237	129,872	43,134	2.00	21,567
2015	132,259.37	106,158	94,927	43,945	2.00	21,972
2016	1,733,326.18	1,334,018	1,192,890	627,102	2.00	313,551
2017	1,056,479.15	767,982	686,736	422,567	2.00	211,284
2019	145,072.68	84,626	75,673	76,653	2.00	38,326
2020	213,244.19	95,960	85,808	138,098	2.00	69,049
	41,454,912.16	39,397,227	35,229,336	8,298,322		4,182,670
	393,965,945.58	211,594,793	189,209,864	230,868,803		18,948,901
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					12.2	4.81

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2025						
NET SALVAGE PERCENT.. -5						
1981	84,893.00	80,655	69,680	19,457	3.70	5,259
1982	6,780.00	6,426	5,552	1,567	3.73	420
1983	33,518.00	31,694	27,381	7,813	3.75	2,083
1984	41,037.00	38,721	33,452	9,637	3.76	2,563
1985	7,557.00	7,112	6,144	1,791	3.78	474
1986	20,042.00	18,809	16,250	4,794	3.80	1,262
1987	74,189.00	69,438	59,989	17,909	3.81	4,701
1988	65,199.00	60,831	52,554	15,905	3.83	4,153
1989	121,277.00	112,805	97,456	29,885	3.84	7,783
1990	420,184.00	389,547	336,541	104,652	3.85	27,182
1991	263,537.00	243,461	210,333	66,381	3.86	17,197
1992	69,417.00	63,885	55,192	17,696	3.87	4,573
1993	88,658.00	81,260	70,203	22,888	3.88	5,899
1994	1,340,783.74	1,223,553	1,057,063	350,760	3.89	90,170
1995	339,989.00	308,799	266,780	90,208	3.90	23,130
1996	78,564.00	70,994	61,334	21,158	3.91	5,411
1997	84,160.00	75,661	65,366	23,002	3.91	5,883
1998	14,389.00	12,859	11,109	3,999	3.92	1,020
1999	50,680.00	44,997	38,874	14,340	3.93	3,649
2000	39,336.00	34,694	29,973	11,330	3.93	2,883
2001	465,398.00	407,290	351,870	136,798	3.94	34,720
2002	26,977.28	23,423	20,236	8,090	3.94	2,053
2003	953,724.00	820,295	708,677	292,734	3.95	74,110
2004	495,653.00	422,172	364,727	155,709	3.95	39,420
2005	109,721.00	92,442	79,863	35,344	3.95	8,948
2006	233,684.00	194,391	167,940	77,428	3.96	19,553
2007	473,273.96	388,337	335,496	161,442	3.96	40,768
2008	234,073.32	189,093	163,363	82,414	3.96	20,812
2009	285,018.68	226,020	195,265	104,004	3.97	26,197
2010	416,729.24	323,729	279,679	157,887	3.97	39,770
2011	198,258.78	150,379	129,917	78,255	3.97	19,712
2012	1,602,821.97	1,181,743	1,020,942	662,021	3.97	166,756
2013	853,075.39	607,295	524,660	371,069	3.98	93,233
2014	160,534.03	109,608	94,694	73,867	3.98	18,560
2015	394,084.60	255,589	220,811	192,978	3.98	48,487
2016	571,267.05	346,666	299,495	300,336	3.98	75,461
2017	7,597.22	4,215	3,641	4,336	3.98	1,089
2018	244,158.80	119,249	103,023	153,344	3.99	38,432

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2025						
NET SALVAGE PERCENT.. -5						
2019	177,166.34	71,305	61,602	124,422	3.99	31,183
2020	4,588.13	1,310	1,132	3,686	3.99	924
2021	341,385.52	39,918	34,486	323,968	3.99	81,195
	11,493,380.05	8,950,670	7,732,743	4,335,306		1,097,078
LEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2030						
NET SALVAGE PERCENT.. -17						
1981	66,257.00	63,615	54,959	22,562	7.41	3,045
1982	3,686.00	3,520	3,041	1,272	7.51	169
1983	102,154.00	96,988	83,791	35,729	7.62	4,689
1984	33,260.00	31,402	27,129	11,785	7.71	1,529
1985	26,360.00	24,739	21,373	9,468	7.80	1,214
1986	184,214.00	171,793	148,417	67,113	7.89	8,506
1987	74,471.00	69,004	59,615	27,517	7.97	3,453
1988	25,908.00	23,849	20,604	9,709	8.04	1,208
1989	13,538.00	12,376	10,692	5,147	8.11	635
1990	55,355.00	50,245	43,408	21,357	8.17	2,614
1991	106,755.00	96,166	83,081	41,823	8.23	5,082
1992	289,381.00	258,564	223,381	115,195	8.29	13,896
1993	277,917.00	246,262	212,753	112,410	8.34	13,478
1994	751,866.28	660,282	570,437	309,247	8.39	36,859
1995	123,973.00	107,871	93,193	51,856	8.43	6,151
1996	42,827.00	36,894	31,874	18,234	8.47	2,153
1997	179,249.00	152,757	131,971	77,750	8.51	9,136
1998	90,791.00	76,512	66,101	40,125	8.54	4,698
1999	59,931.00	49,877	43,090	27,029	8.58	3,150
2000	52,877.00	43,428	37,519	24,347	8.61	2,828
2001	16,325.00	13,217	11,419	7,682	8.64	889
2002	625,175.00	498,486	430,657	300,798	8.66	34,734
2003	54,735.00	42,904	37,066	26,974	8.69	3,104
2004	154,238.00	118,698	102,547	77,912	8.71	8,945
2005	11,598.00	8,746	7,556	6,014	8.73	689
2006	246,245.89	181,560	156,855	131,253	8.75	15,000
2007	42,948.25	30,887	26,684	23,565	8.77	2,687
2008	283,534.61	198,222	171,250	160,486	8.79	18,258
2009	261,492.55	177,103	153,004	152,942	8.81	17,360

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2030						
NET SALVAGE PERCENT.. -17						
2010	30,627.11	20,023	17,298	18,535	8.82	2,101
2014	778,897.95	412,951	356,760	554,550	8.87	62,520
2015	128,771.40	62,991	54,420	96,243	8.88	10,838
2016	759,336.41	336,108	290,373	598,050	8.89	67,272
2017	296,584.93	115,320	99,628	247,376	8.90	27,795
2018	39,468.83	12,890	11,136	35,042	8.91	3,933
	6,290,749.21	4,506,250	3,893,080	3,467,097		400,618
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2007	487.37	191	165	361	23.63	15
2010	408,739.68	135,906	117,413	324,026	24.28	13,345
2012	244,524,649.04	70,495,283	60,902,920	203,183,701	24.66	8,239,404
2013	354,664.42	93,867	81,094	301,943	24.83	12,160
2014	492,641.67	118,270	102,177	429,876	24.98	17,209
2015	539,865.68	115,381	99,681	483,374	25.13	19,235
2016	27,124.11	5,047	4,360	24,934	25.27	987
2017	127,021.59	19,941	17,228	119,956	25.40	4,723
	246,475,193.56	70,983,886	61,325,038	204,868,171		8,307,078
CLIFFSIDE COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -6						
2013	89,112.66	23,148	19,998	74,461	24.83	2,999
2014	65,022.64	15,321	13,236	55,688	24.98	2,229
2015	252,135.64	52,889	45,692	221,571	25.13	8,817
2016	5,717,955.38	1,044,255	902,163	5,158,870	25.27	204,150
2017	202,349.94	31,178	26,936	187,555	25.40	7,384
2018	92,715.72	11,464	9,904	88,375	25.52	3,463

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -6						
2019	252,868.14	23,030	19,896	248,144	25.64	9,678
2020	267,596.33	15,127	13,069	270,583	25.74	10,512
2021	390,456.52	7,702	6,654	407,230	25.84	15,760
	7,330,212.97	1,224,114	1,057,548	6,712,478		264,992
MARSHALL UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -3						
1994	796,674.00	650,945	562,370	258,204	6.64	38,886
2000	63,248.00	48,925	42,268	22,878	6.77	3,379
2003	51,191.00	38,085	32,903	19,824	6.82	2,907
2011	69,737.47	42,922	37,082	34,748	6.91	5,029
2014	1,044,406.33	554,414	478,974	596,764	6.93	86,113
	2,025,256.80	1,335,291	1,153,597	932,418		136,314
MARSHALL UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -4						
1994	1,018,429.00	840,215	725,886	333,280	6.64	50,193
2003	32,372.00	24,318	21,009	12,658	6.82	1,856
	1,050,801.00	864,533	746,895	345,938		52,049
MARSHALL UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1994	588,412.60	436,809	377,372	234,577	10.04	23,364
2003	43,589.00	28,347	24,490	20,843	10.51	1,983
2007	382,912.35	225,708	194,996	203,233	10.64	19,101
2010	36,182.02	19,159	16,552	21,077	10.72	1,966
2011	1,153,569.99	583,804	504,365	695,348	10.74	64,744

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
2012	1,071,659.66	514,610	444,586	669,940	10.76	62,262
2013	396,714.89	179,235	154,846	257,737	10.78	23,909
2016	22,459.11	7,762	6,706	16,652	10.83	1,538
	3,695,499.62	1,995,434	1,723,913	2,119,407		198,867
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1994	889,625.00	660,415	570,552	354,658	10.04	35,325
2003	46,874.00	30,483	26,335	22,414	10.51	2,133
2006	11,058.00	6,706	5,794	5,707	10.61	538
2008	799,940.60	456,759	394,607	437,331	10.67	40,987
2013	465,762.05	210,430	181,797	302,596	10.78	28,070
	2,213,259.65	1,364,793	1,179,084	1,122,706		107,053
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1981	6,215.00	5,146	4,446	2,018	8.58	235
1982	76,588.00	62,980	54,410	25,241	8.73	2,891
1983	31,274.00	25,533	22,059	10,466	8.88	1,179
1984	81,768.00	66,275	57,257	27,782	9.02	3,080
1985	28,399.00	22,842	19,734	9,801	9.16	1,070
1986	80,499.00	64,267	55,522	28,197	9.28	3,038
1987	122,914.00	97,348	84,102	43,729	9.40	4,652
1988	717,349.00	563,561	486,877	259,166	9.51	27,252
1989	372,258.00	289,932	250,481	136,668	9.62	14,207
1990	30,203.00	23,323	20,149	11,262	9.71	1,160
1991	304,996.00	233,301	201,556	115,640	9.81	11,788
1992	1,774,131.47	1,344,319	1,161,396	683,700	9.89	69,130
1993	2,172,040.53	1,629,293	1,407,594	851,329	9.97	85,389
1994	1,633,232.00	1,212,433	1,047,456	651,105	10.04	64,851
1995	122,405.00	89,856	77,629	49,672	10.11	4,913
1996	45,472.00	32,994	28,504	18,786	10.17	1,847

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1997	155,468.00	111,396	96,238	65,448	10.23	6,398
1998	139,444.00	98,563	85,151	59,870	10.29	5,818
1999	36,327.00	25,311	21,867	15,913	10.34	1,539
2000	114,694.00	78,688	67,981	51,301	10.39	4,938
2001	246,225.88	166,208	143,592	112,483	10.43	10,785
2002	253,934.66	168,382	145,470	118,622	10.47	11,330
2003	76,582.00	49,803	43,026	36,619	10.51	3,484
2004	175,927.00	111,972	96,736	86,228	10.55	8,173
2005	238,846.24	148,588	128,369	120,031	10.58	11,345
2006	108,096.20	65,552	56,632	55,788	10.61	5,258
2007	253,467.27	149,407	129,077	134,529	10.64	12,644
2008	1,918,452.18	1,095,419	946,364	1,048,826	10.67	98,297
2009	300,234.99	165,589	143,057	169,187	10.69	15,827
2010	289,192.37	153,135	132,298	168,462	10.72	15,715
2011	254,064.53	128,578	111,082	153,145	10.74	14,259
2012	1,512,885.65	726,486	627,632	945,769	10.76	87,897
2013	353,337.59	159,637	137,915	229,556	10.78	21,295
2014	1,604,495.68	674,095	582,370	1,086,305	10.80	100,584
2015	8,990,605.80	3,457,996	2,987,463	6,362,767	10.82	588,056
2016	238,817.26	82,536	71,305	177,065	10.83	16,349
2017	2,779,341.95	837,238	723,314	2,167,201	10.84	199,926
2018	174,946.16	43,768	37,812	144,132	10.86	13,272
2019	372,911.71	71,574	61,835	325,993	10.87	29,990
2020	222,434.08	27,700	23,931	207,401	10.88	19,063
2021	380,839.77	17,055	14,734	381,339	10.89	35,017
	28,791,315.97	14,578,079	12,594,426	17,348,543		1,633,941
BELEWS CREEK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2003	439,193.00	265,174	229,092	236,453	13.14	17,995
2007	365,503.00	196,925	170,129	217,304	13.37	16,253
2008	1,350,514.93	701,916	606,406	825,140	13.42	61,486
2014	801,092.24	295,498	255,289	593,868	13.64	43,539
2015	403,398.60	135,191	116,795	310,807	13.67	22,736
	3,359,701.77	1,594,704	1,377,711	2,183,573		162,009

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2008	803,429.85	417,574	360,754	490,882	13.42	36,578
2012	135,843.85	58,079	50,176	93,818	13.58	6,909
2014	818,628.99	301,967	260,878	606,869	13.64	44,492
2015	350,734.64	117,542	101,548	270,231	13.67	19,768
	2,108,637.33	895,162	773,356	1,461,800		107,747
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1981	8,773.00	7,136	6,165	3,134	10.01	313
1982	12,185.00	9,819	8,483	4,433	10.25	432
1983	18,318.00	14,626	12,636	6,781	10.47	648
1984	32,555.00	25,742	22,239	12,269	10.69	1,148
1985	57,811.00	45,265	39,106	22,174	10.90	2,034
1986	140,659.00	109,072	94,230	54,868	11.09	4,948
1987	123,593.00	94,828	81,925	49,084	11.29	4,348
1988	425,538.00	323,070	279,110	171,961	11.47	14,992
1989	242,301.00	181,986	157,223	99,616	11.64	8,558
1990	168,742.00	125,325	108,272	70,595	11.80	5,983
1991	156,079.00	114,593	99,000	66,444	11.95	5,560
1992	194,281.00	140,948	121,769	84,169	12.09	6,962
1993	54,415.00	38,989	33,684	23,996	12.22	1,964
1994	2,395,169.15	1,694,194	1,463,663	1,075,216	12.34	87,133
1995	164,467.00	114,725	99,114	75,221	12.46	6,037
1996	18,109.00	12,450	10,756	8,440	12.57	671
1997	221,907.00	150,266	129,819	105,402	12.67	8,319
1998	127,208.00	84,781	73,245	61,596	12.76	4,827
1999	66,999.00	43,890	37,918	33,101	12.85	2,576
2000	340,608.00	219,107	189,293	171,752	12.93	13,283
2001	55,852.00	35,223	30,430	28,773	13.01	2,212
2002	101,895.00	62,916	54,355	53,654	13.08	4,102
2003	112,947.00	68,195	58,916	60,808	13.14	4,628
2004	1,698,104.35	999,931	863,869	936,121	13.21	70,865
2005	533,261.07	305,815	264,202	301,054	13.26	22,704
2006	1,562,565.98	869,783	751,431	904,889	13.32	67,935
2007	277,128.71	149,311	128,994	164,762	13.37	12,323

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2009	437,711.24	218,587	188,844	275,130	13.46	20,441
2010	487,005.22	232,472	200,839	315,386	13.50	23,362
2011	857,532.84	388,800	335,896	573,089	13.54	42,326
2012	383,220.98	163,842	141,548	264,666	13.58	19,489
2013	696,627.19	278,261	240,398	498,027	13.61	36,593
2014	542,770.47	200,211	172,968	402,369	13.64	29,499
2015	237,833.48	79,705	68,859	183,244	13.67	13,405
2016	1,814,250.12	540,816	467,227	1,455,878	13.70	106,268
2017	7,785,057.86	2,003,872	1,731,203	6,520,958	13.72	475,288
2018	541,574.62	114,343	98,784	475,285	13.75	34,566
2019	1,933,158.06	309,524	267,407	1,781,741	13.77	129,393
2020	944,550.34	96,448	83,324	917,899	13.79	66,563
2021	251,743.33	9,332	8,062	258,786	13.80	18,753
	26,224,507.01	10,678,199	9,225,206	18,572,771		1,381,451
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1981	357,620.00	356,283	307,803	67,698	1.93	35,077
1982	21,777.00	21,676	18,727	4,139	1.93	2,145
1983	59,368.00	59,018	50,987	11,349	1.94	5,850
1984	69,415.00	68,932	59,552	13,333	1.94	6,873
1985	69,533.00	68,951	59,569	13,441	1.95	6,893
1986	116,814.00	115,695	99,952	22,702	1.95	11,642
1987	155,275.00	153,540	132,648	30,391	1.96	15,506
1988	109,075.00	107,704	93,049	21,480	1.96	10,959
1989	158,898.00	156,662	135,345	31,498	1.96	16,070
1990	119,683.00	117,805	101,775	23,892	1.96	12,190
1991	153,352.00	150,629	130,133	30,887	1.97	15,679
1992	78,065.00	76,535	66,121	15,847	1.97	8,044
1993	282,464.00	276,363	238,758	57,829	1.97	29,355
1994	1,581,886.05	1,544,330	1,334,192	326,789	1.97	165,883
1995	563,878.00	548,957	474,260	117,812	1.98	59,501
1996	221,837.00	215,413	186,102	46,827	1.98	23,650
1997	249,479.00	241,573	208,702	53,251	1.98	26,894
1998	902,126.00	870,866	752,366	194,866	1.98	98,417

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1999	138,156.00	132,923	114,836	30,228	1.98	15,267
2000	534,169.00	512,087	442,407	118,471	1.98	59,834
2001	474,900.00	453,438	391,738	106,907	1.98	53,993
2002	208,031.00	197,655	170,760	47,673	1.99	23,956
2003	94,671.00	89,509	77,329	22,075	1.99	11,093
2004	138,113.91	129,878	112,205	32,814	1.99	16,489
2005	1,098,294.25	1,026,564	886,878	266,331	1.99	133,835
2006	809,617.87	751,572	649,305	200,794	1.99	100,902
2007	112,102.00	103,266	89,214	28,493	1.99	14,318
2008	424,075.30	387,210	334,522	110,757	1.99	55,657
2009	107,729.44	97,375	84,125	28,991	1.99	14,568
2010	186,960.05	167,001	144,277	52,031	1.99	26,146
2011	251,411.17	221,481	191,344	72,638	1.99	36,502
2012	1,913,934.81	1,658,207	1,432,573	577,058	1.99	289,979
2013	511,569.33	434,467	375,349	161,799	1.99	81,306
2014	922,119.34	763,901	659,956	308,269	1.99	154,909
2015	597,949.86	479,066	413,879	213,968	2.00	106,984
2016	3,990,143.12	3,066,405	2,649,156	1,540,494	2.00	770,247
2017	2,727,484.33	1,978,583	1,709,355	1,154,503	2.00	577,252
2018	261,685.30	174,490	150,747	124,023	2.00	62,012
2019	126,292.19	73,540	63,533	69,073	2.00	34,536
2020	139,319.08	62,453	53,955	92,330	2.00	46,165
2021	11,247.97	2,362	2,041	9,770	2.00	4,885
	21,050,521.37	18,114,365	15,649,526	6,453,521		3,241,463
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -10						
2013	185,475.73	49,998	43,195	160,829	24.83	6,477
2014	234,903.87	57,438	49,622	208,772	24.98	8,358

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -10						
2015	348,663.52	75,897	65,569	317,960	25.13	12,653
2016	58,079.71	11,007	9,509	54,378	25.27	2,152
2019	3,007.53	284	245	3,063	25.64	119
	830,130.36	194,624	168,141	745,002		29,759
	362,939,166.67	137,280,104	118,600,264	270,668,731		17,120,419
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					15.8	4.72

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 320.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. 0						
1968	422,388.00	268,352	346,405	75,983	30.09	2,525
1974	2,615.00	1,577	2,036	579	30.82	19
	425,003.00	269,929	348,441	76,562		2,544
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. 0						
1981	74,882.00	37,991	49,041	25,841	38.95	663
	74,882.00	37,991	49,041	25,841		663
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. 0						
1985	381,479.68	181,073	233,740	147,740	40.11	3,683
2002	75,177.00	24,023	31,010	44,167	41.46	1,065
	456,656.68	205,096	264,750	191,907		4,748
	956,541.68	513,016	662,232	294,310		7,955

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.0 0.83

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
1973	10,763,162.48	7,601,970	9,346,642	1,847,047	17.42	106,030
1974	8,703,913.76	6,087,065	7,484,062	1,568,008	17.75	88,338
1975	170,915.81	118,294	145,443	32,310	18.09	1,786
1976	818,589.00	560,722	689,409	161,923	18.42	8,791
1977	2,738,874.23	1,855,752	2,281,652	566,777	18.76	30,212
1978	425,668.00	285,180	350,630	92,065	19.10	4,820
1979	310,741.06	205,808	253,041	70,129	19.44	3,607
1980	202,389.00	132,460	162,860	47,625	19.78	2,408
1981	990,866.00	640,621	787,645	242,855	20.12	12,070
1982	3,328,847.90	2,125,046	2,612,750	849,252	20.46	41,508
1983	14,703,963.55	9,264,579	11,390,824	3,901,298	20.80	187,562
1984	1,902,111.22	1,182,407	1,453,773	524,423	21.14	24,807
1985	694,241.00	425,531	523,191	198,819	21.48	9,256
1986	91,111,451.18	55,033,285	67,663,569	27,092,341	21.82	1,241,629
1987	8,184,764.45	4,869,293	5,986,809	2,525,346	22.16	113,960
1988	5,318,281.16	3,114,071	3,828,758	1,702,254	22.50	75,656
1989	24,279,527.07	13,984,347	17,193,791	8,056,917	22.84	352,755
1990	1,868,336.61	1,058,060	1,300,888	642,183	23.17	27,716
1991	965,873.60	537,141	660,416	344,092	23.51	14,636
1993	2,339,776.06	1,251,627	1,538,879	894,488	24.18	36,993
1994	1,549,554.07	811,973	998,323	613,213	24.51	25,019
1995	269,354.00	138,061	169,746	110,382	24.84	4,444
1996	843,889.00	422,823	519,862	357,783	25.16	14,220
1998	10,447,590.74	4,979,873	6,122,767	4,742,727	25.80	183,827
1999	868,503.00	402,765	495,201	408,042	26.12	15,622
2000	6,136,926.51	2,764,857	3,399,399	2,983,005	26.43	112,864
2001	5,978,608.00	2,611,953	3,211,403	3,006,349	26.74	112,429
2002	9,638,692.72	4,074,854	5,010,044	5,014,197	27.04	185,436
2003	9,684,610.30	3,952,654	4,859,798	5,212,196	27.34	190,644
2004	18,585,583.26	7,303,272	8,979,392	10,349,614	27.63	374,579
2005	19,568,772.28	7,381,497	9,075,570	11,275,953	27.92	403,867
2006	26,601,115.43	9,601,747	11,805,373	15,859,787	28.20	562,404
2007	20,920,743.51	7,199,581	8,851,904	12,905,669	28.47	453,308
2008	20,098,786.95	6,566,804	8,073,903	12,828,836	28.73	446,531
2009	51,457,765.06	15,878,220	19,522,313	33,993,762	28.99	1,172,603
2010	12,236,443.19	3,544,927	4,358,497	8,367,404	29.24	286,163
2011	124,293,637.32	33,566,342	41,269,906	87,995,477	29.48	2,984,921
2012	17,902,859.28	4,462,968	5,487,231	13,131,743	29.72	441,849
2013	135,123,101.60	30,817,796	37,890,561	102,637,464	29.94	3,428,105
2014	48,422,148.54	9,953,967	12,238,429	38,120,606	30.16	1,263,946
2015	85,062,517.42	15,521,187	19,083,340	69,381,678	30.36	2,285,299

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
2016	86,539,550.47	13,663,972	16,799,890	73,201,243	30.56	2,395,329
2017	24,753,246.89	3,280,993	4,033,990	21,709,387	30.74	706,226
2018	12,058,274.10	1,271,868	1,563,765	10,976,840	30.92	355,008
2019	27,179,960.90	2,096,010	2,577,050	25,690,110	31.09	826,314
2020	48,259,046.41	2,299,679	2,827,461	47,361,947	31.24	1,516,067
2021	14,977,609.65	244,243	300,297	15,276,417	31.39	486,665
	1,019,281,183.74	305,148,145	375,180,447	684,871,984		23,618,229
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
1981	190,631,546.38	123,831,889	152,251,633	53,630,437	21.66	2,476,013
1982	2,026,405.00	1,297,134	1,594,830	593,688	22.10	26,864
1983	96,760.00	60,982	74,978	29,523	22.55	1,309
1984	211,671,060.56	131,349,429	161,494,469	67,110,277	22.99	2,919,107
1985	1,235,088.00	754,024	927,074	406,821	23.44	17,356
1986	14,420,980.23	8,653,280	10,639,231	4,935,428	23.90	206,503
1987	5,030,856.88	2,966,378	3,647,170	1,786,156	24.35	73,353
1988	3,276,631.11	1,896,776	2,332,091	1,206,671	24.81	48,636
1989	11,980,695.18	6,804,570	8,366,237	4,572,914	25.27	180,962
1990	340,959.00	189,837	233,405	134,831	25.73	5,240
1991	11,516,095.59	6,278,640	7,719,604	4,717,779	26.20	180,068
1992	1,107,053.01	590,778	726,363	469,254	26.66	17,601
1993	3,362,794.00	1,753,950	2,156,486	1,475,331	27.13	54,380
1994	1,184,423.63	603,337	741,804	537,373	27.59	19,477
1995	6,839,871.93	3,397,827	4,177,637	3,209,424	28.06	114,377
1996	513,813.25	248,742	305,829	249,089	28.52	8,734
1997	3,025,316.86	1,424,823	1,751,824	1,515,519	28.98	52,295
1998	9,419,549.83	4,307,805	5,296,458	4,876,656	29.45	165,591
1999	1,009,586.00	447,743	550,501	539,852	29.91	18,049
2000	4,076,236.00	1,750,985	2,152,841	2,249,494	30.36	74,094
2001	1,293,798.28	536,690	659,862	737,440	30.82	23,927
2002	223,328.00	89,319	109,818	131,376	31.27	4,201
2003	363,095.00	139,630	171,675	220,467	31.72	6,950
2004	13,305,005.85	4,907,440	6,033,710	8,335,696	32.16	259,195
2005	2,160,124.00	761,586	936,372	1,396,562	32.60	42,839
2006	12,052,068.69	4,050,131	4,979,647	8,036,587	33.03	243,312

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
2007	17,028,099.95	5,431,405	6,677,927	11,712,421	33.45	350,147
2008	12,445,901.33	3,750,871	4,611,706	8,829,868	33.87	260,699
2009	7,347,246.64	2,080,247	2,557,669	5,377,357	34.28	156,866
2010	20,043,781.70	5,302,286	6,519,175	15,128,110	34.68	436,220
2011	8,930,149.35	2,191,148	2,694,022	6,950,539	35.07	198,190
2012	17,024,122.78	3,837,353	4,718,036	13,668,017	35.45	385,558
2013	6,640,883.98	1,361,132	1,673,515	5,498,639	35.82	153,508
2014	13,136,819.97	2,417,170	2,971,917	11,215,849	36.18	310,001
2015	32,843,221.56	5,323,085	6,544,747	28,925,932	36.53	791,840
2016	20,717,791.66	2,891,325	3,554,892	18,820,323	36.86	510,589
2017	8,253,523.05	958,323	1,178,261	7,735,544	37.19	208,001
2018	8,911,437.04	819,417	1,007,475	8,616,877	37.50	229,783
2019	27,779,438.97	1,854,111	2,279,634	27,722,160	37.80	733,390
2020	2,983,115.47	122,105	150,128	3,071,636	38.08	80,663
2021	5,395,295.91	74,992	92,203	5,734,717	38.35	149,536
	721,643,971.62	347,508,695	427,262,855	352,112,634		12,195,424
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
1985	97,962,901.14	59,647,886	73,337,233	32,462,701	23.56	1,377,874
1986	66,072,416.42	39,546,006	48,621,918	22,736,291	24.02	946,557
1987	2,364,144.90	1,389,723	1,708,668	844,608	24.49	34,488
1988	7,137,349.91	4,119,567	5,065,018	2,643,319	24.95	105,945
1989	39,999.26	22,647	27,845	15,355	25.42	604
1990	238,937.70	132,587	163,016	95,037	25.89	3,671
1991	680,854.63	369,948	454,852	280,471	26.37	10,636
1992	1,145,655.50	609,052	748,831	488,477	26.84	18,200
1993	25,196.09	13,089	16,093	11,119	27.32	407
1994	598,860.15	303,826	373,555	273,214	27.79	9,831
1995	130,115.23	64,362	79,133	61,391	28.27	2,172
1996	970,802.77	467,669	575,000	473,467	28.75	16,468
1997	31,481.08	14,750	18,135	15,864	29.22	543
1998	1,228,677.17	559,279	687,635	639,336	29.69	21,534
1999	233,050.94	102,800	126,393	125,302	30.17	4,153
2000	48,609.63	20,753	25,516	26,983	30.64	881
2001	127,614.47	52,643	64,725	73,099	31.10	2,350

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
2002	522,021.61	207,455	255,066	308,717	31.57	9,779
2003	2,175,190.45	830,938	1,021,640	1,327,565	32.03	41,448
2004	2,114,040.48	774,677	952,467	1,330,696	32.48	40,970
2005	3,260,349.56	1,141,707	1,403,732	2,117,446	32.93	64,301
2006	3,627,655.72	1,209,681	1,487,306	2,430,562	33.38	72,815
2007	5,828,685.38	1,843,863	2,267,034	4,027,946	33.82	119,100
2008	5,509,334.76	1,646,150	2,023,946	3,926,136	34.25	114,632
2009	3,093,928.21	868,708	1,068,079	2,273,364	34.67	65,572
2010	1,347,929.67	353,489	434,616	1,021,148	35.08	29,109
2011	1,344,156.41	326,543	401,485	1,050,203	35.49	29,592
2012	3,075,096.51	686,539	844,102	2,477,003	35.88	69,036
2013	8,382,271.16	1,700,669	2,090,977	6,961,876	36.27	191,946
2014	316,893.19	57,637	70,865	271,380	36.64	7,407
2015	11,770,703.08	1,887,150	2,320,256	10,392,103	37.00	280,868
2016	2,259,294.33	311,690	383,224	2,056,814	37.35	55,069
2017	8,150,682.90	935,203	1,149,835	7,652,903	37.69	203,049
2018	393,991.14	35,785	43,998	381,513	38.01	10,037
2019	2,836,170.30	187,582	230,633	2,832,431	38.32	73,915
2020	6,114,538.72	245,328	301,631	6,302,070	38.62	163,182
2021	551,769.84	7,562	9,297	586,614	38.90	15,080
	251,711,370.41	122,694,943	150,853,755	120,994,525		4,213,221
	1,992,636,525.77	775,351,783	953,297,057	1,157,979,143		40,026,874
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					28.9	2.01

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
1978	549,811.75	404,763	521,839	49,965	13.14	3,803
1979	2,485,633.79	1,801,554	2,322,646	262,413	13.63	19,253
1980	3,472,216.04	2,476,748	3,193,137	417,968	14.12	29,601
1981	5,507,520.61	3,863,988	4,981,630	746,191	14.62	51,039
1982	3,340,386.78	2,304,410	2,970,951	503,051	15.12	33,271
1983	108,447.00	73,497	94,756	18,029	15.63	1,153
1984	7,085,289.94	4,715,748	6,079,758	1,288,943	16.14	79,860
1985	2,878,307.29	1,880,419	2,424,322	569,117	16.65	34,181
1986	73,672,851.59	47,202,373	60,855,459	15,764,306	17.17	918,131
1987	431,118.00	270,686	348,981	99,382	17.69	5,618
1988	16,344,871.50	10,055,731	12,964,309	4,034,358	18.20	221,668
1989	5,929,603.00	3,570,261	4,602,944	1,563,843	18.72	83,539
1990	7,874,493.98	4,638,518	5,980,190	2,209,284	19.23	114,887
1991	6,343,148.00	3,653,481	4,710,235	1,886,639	19.73	95,623
1992	7,558,958.49	4,251,636	5,481,404	2,379,913	20.24	117,585
1993	7,233,151.09	3,971,116	5,119,744	2,402,733	20.73	115,906
1994	6,854,181.08	3,669,317	4,730,651	2,397,697	21.22	112,992
1995	4,739,149.87	2,471,702	3,186,631	1,742,085	21.70	80,280
1997	14,952,319.44	7,379,915	9,514,524	6,035,888	22.63	266,721
1998	3,934,886.00	1,885,519	2,430,897	1,661,384	23.08	71,984
1999	2,874,852.00	1,336,312	1,722,835	1,267,011	23.51	53,892
2000	17,842,839.52	8,029,421	10,351,897	8,204,656	23.94	342,717
2001	10,290,931.60	4,478,383	5,773,736	4,928,833	24.35	202,416
2002	30,226,944.65	12,692,608	16,363,891	15,072,131	24.75	608,975
2003	155,096,612.37	62,708,786	80,847,037	80,453,440	25.14	3,200,216
2004	316,424,140.02	122,921,665	158,476,236	170,604,870	25.51	6,687,764
2005	29,865,827.79	11,116,850	14,332,352	16,728,109	25.87	646,622
2006	25,707,917.60	9,135,771	11,778,254	14,957,980	26.22	570,480
2007	36,281,932.12	12,274,236	15,824,507	21,908,703	26.55	825,187
2008	48,925,630.19	15,690,684	20,229,148	30,653,508	26.87	1,140,808
2009	20,491,062.49	6,195,235	7,987,180	13,323,525	27.18	490,196
2010	25,985,131.79	7,369,591	9,501,214	17,523,323	27.47	637,908
2011	127,994,052.13	33,814,902	43,595,719	89,518,095	27.75	3,225,877
2012	81,666,775.39	19,910,948	25,670,105	59,263,341	28.02	2,115,037
2013	98,402,970.27	21,951,735	28,301,181	74,037,908	28.27	2,618,957
2014	105,298,316.03	21,189,138	27,318,006	82,192,242	28.51	2,882,927
2015	398,622,105.73	71,085,802	91,647,069	322,919,921	28.75	11,231,997
2016	40,699,760.79	6,293,713	8,114,143	34,213,608	28.97	1,181,001
2017	58,701,052.54	7,601,223	9,799,845	51,249,250	29.18	1,756,314
2018	53,325,102.96	5,508,654	7,102,009	48,356,098	29.38	1,645,885

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
2019	68,522,491.61	5,184,412	6,683,981	64,579,410	29.57	2,183,950
2020	77,237,443.45	3,609,893	4,654,039	75,672,902	29.75	2,543,627
2021	56,124,374.91	902,974	1,164,155	57,205,195	29.92	1,911,938
	2,067,904,613.19	581,544,318	749,753,548	1,400,867,250		51,161,786
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
1981	294,391,056.32	213,940,222	275,821,525	42,120,816	14.72	2,861,468
1982	2,423,498.43	1,729,799	2,230,136	387,242	15.26	25,376
1983	1,156,844.98	810,156	1,044,490	204,902	15.82	12,952
1984	397,488,558.82	273,026,941	351,998,827	77,288,816	16.38	4,718,487
1985	2,662,944.00	1,791,822	2,310,099	565,881	16.96	33,366
1986	13,339,108.64	8,789,822	11,332,241	3,073,997	17.54	175,256
1987	2,424,551.39	1,563,070	2,015,181	603,334	18.13	33,278
1988	3,535,003.00	2,226,505	2,870,512	947,291	18.74	50,549
1989	6,161,972.00	3,791,580	4,888,278	1,766,651	19.34	91,347
1990	4,524.00	2,716	3,502	1,384	19.95	69
1991	5,033,269.96	2,945,025	3,796,861	1,639,071	20.57	79,683
1992	2,060,096.00	1,173,948	1,513,507	711,396	21.19	33,572
1993	3,200,680.00	1,774,273	2,287,474	1,169,260	21.81	53,611
1994	144,356.00	77,743	100,230	55,675	22.44	2,481
1995	1,449,058.43	757,452	976,542	588,441	23.06	25,518
1996	1,740,438.00	882,131	1,137,284	742,389	23.68	31,351
1997	261,030,503.64	128,073,050	165,117,637	116,795,307	24.30	4,806,391
1998	4,406,542.00	2,089,801	2,694,267	2,064,798	24.92	82,857
1999	8,710,790.00	3,987,246	5,140,540	4,267,113	25.53	167,141
2000	2,216,091.75	977,504	1,260,243	1,133,136	26.13	43,365
2001	4,722,171.85	2,003,157	2,582,562	2,517,384	26.73	94,178
2002	6,004,021.42	2,445,311	3,152,607	3,331,736	27.32	121,952
2003	3,807,257.78	1,485,813	1,915,578	2,196,260	27.89	78,747
2004	4,308,066.87	1,605,837	2,070,319	2,582,394	28.46	90,738
2005	1,579,939.86	560,889	723,124	983,211	29.02	33,880
2006	5,189,777.42	1,750,093	2,256,300	3,348,660	29.56	113,283
2007	2,778,519.79	886,677	1,143,145	1,857,657	30.09	61,737
2008	16,069,262.27	4,828,800	6,225,510	11,129,293	30.61	363,584
2009	18,853,792.30	5,311,860	6,848,293	13,513,803	31.11	434,388

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
2010	59,540,040.97	15,632,762	20,154,472	44,148,772	31.60	1,397,113
2011	73,729,510.33	17,915,475	23,097,450	56,530,421	32.07	1,762,720
2012	35,353,461.64	7,880,329	10,159,681	28,022,058	32.53	861,422
2013	50,273,924.22	10,182,099	13,127,228	41,168,610	32.97	1,248,669
2014	57,384,346.07	10,406,238	13,416,198	48,558,895	33.40	1,453,859
2015	37,607,581.68	5,999,823	7,735,246	32,880,942	33.81	972,521
2016	36,898,127.11	5,065,331	6,530,457	33,319,521	34.20	974,255
2017	32,134,626.97	3,670,790	4,732,550	29,972,847	34.58	866,768
2018	27,106,994.70	2,456,219	3,166,670	26,108,884	34.94	747,249
2019	56,330,459.37	3,707,400	4,779,750	56,057,146	35.29	1,588,471
2020	42,161,796.48	1,698,446	2,189,714	43,345,026	35.62	1,216,873
2021	28,657,276.23	391,206	504,361	30,445,498	35.94	847,120
	1,614,070,842.69	756,295,361	975,050,591	768,145,919		28,657,645
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
1901	642,214.23	693,591	693,591			
1985	109,552,694.48	73,724,450	95,125,110	23,191,800	16.96	1,367,441
1986	118,490,255.57	78,049,863	100,706,099	27,263,377	17.55	1,553,469
1987	3,053,208.41	1,967,630	2,538,792	758,673	18.14	41,823
1988	1,717,559.70	1,081,556	1,395,509	459,455	18.75	24,504
1989	385,463.59	237,042	305,850	110,450	19.36	5,705
1990	765,983.81	459,470	592,844	234,418	19.98	11,733
1991	574,100.89	335,690	433,134	186,895	20.60	9,073
1992	390,726.43	222,415	286,977	135,007	21.23	6,359
1993	405,054.00	224,241	289,333	148,125	21.86	6,776
1994	164,924.61	88,701	114,449	63,670	22.49	2,831
1995	392,427.81	204,808	264,259	159,563	23.12	6,902
1996	24,781,241.42	12,537,207	16,176,495	10,587,246	23.75	445,779
1997	330,676.74	161,909	208,908	148,223	24.38	6,080
1998	521,588.48	246,721	318,339	244,977	25.01	9,795
1999	267,495.71	122,131	157,583	131,312	25.63	5,123
2000	115,873.18	50,985	65,785	59,358	26.24	2,262
2001	585,483.02	247,687	319,585	312,736	26.85	11,648
2002	1,003,654.22	407,163	525,354	558,593	27.46	20,342
2003	709,822.21	275,780	355,833	410,775	28.05	14,644

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
2004	1,798,971.22	667,674	861,486	1,081,403	28.63	37,772
2005	1,809,387.97	639,668	825,350	1,128,789	29.20	38,657
2006	7,321,401.99	2,456,187	3,169,167	4,737,948	29.76	159,205
2007	7,817,592.58	2,480,553	3,200,605	5,242,395	30.31	172,959
2008	7,876,591.89	2,352,108	3,034,876	5,471,844	30.85	177,369
2009	18,312,219.73	5,124,074	6,611,485	13,165,712	31.37	419,691
2010	4,547,381.23	1,185,410	1,529,510	3,381,662	31.87	106,108
2011	8,316,168.04	2,005,021	2,587,036	6,394,425	32.36	197,603
2012	3,023,046.30	668,160	862,113	2,402,777	32.84	73,166
2013	6,204,731.51	1,245,468	1,607,001	5,094,109	33.29	153,022
2014	2,545,227.27	457,133	589,829	2,159,016	33.74	63,990
2015	4,476,843.77	707,988	913,502	3,921,489	34.16	114,798
2016	2,803,612.18	380,486	490,933	2,536,968	34.58	73,365
2017	2,930,080.79	331,353	427,538	2,736,949	34.97	78,266
2018	19,131,493.55	1,710,195	2,206,629	18,455,384	35.35	522,076
2019	9,787,740.17	636,994	821,900	9,748,859	35.71	273,001
2020	10,583,847.19	421,330	543,633	10,886,922	36.06	301,911
2021	3,623,334.69	48,837	63,013	3,850,188	36.39	105,803
	387,760,120.58	194,857,679	251,219,437	167,561,493		6,621,051
	4,069,735,576.46	1,532,697,358	1,976,023,576	2,336,574,662		86,440,482
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..				27.0		2.12

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
1973	12,351,368.40	10,424,061	10,615,367	2,230,056	7.54	295,763
1974	14,586,188.28	12,173,633	12,397,048	2,772,588	7.90	350,961
1975	252,448.00	208,199	212,020	50,526	8.28	6,102
1977	44,096.00	35,461	36,112	9,748	9.07	1,075
1978	4,726,817.74	3,749,595	3,818,409	1,097,481	9.49	115,646
1979	1,629,308.00	1,274,249	1,297,635	396,846	9.92	40,005
1982	16,530.00	12,335	12,561	4,630	11.30	410
1984	971.00	699	712	298	12.30	24
1986	3,586,649.16	2,485,823	2,531,444	1,198,671	13.34	89,855
1987	66,647.00	45,267	46,098	23,215	13.87	1,674
1988	13,150,578.00	8,741,263	8,901,686	4,774,915	14.42	331,131
1992	495,548.00	299,858	305,361	210,009	16.66	12,606
1993	105,467.00	62,205	63,347	46,339	17.22	2,691
1994	7,498,940.00	4,305,849	4,384,872	3,414,026	17.79	191,907
1995	630,147.00	351,813	358,270	297,083	18.36	16,181
1998	14,480,756.08	7,378,640	7,514,056	7,545,931	20.05	376,356
1999	7,623,253.44	3,757,563	3,826,523	4,101,660	20.60	199,110
2001	1,876,728.00	861,992	877,812	1,073,986	21.67	49,561
2002	4,027,409.25	1,780,659	1,813,338	2,375,167	22.19	107,038
2003	4,667,847.00	1,982,554	2,018,939	2,835,622	22.70	124,917
2004	15,327,865.22	6,236,749	6,351,208	9,589,772	23.20	413,352
2005	20,170,257.32	7,846,262	7,990,260	12,986,808	23.68	548,429
2006	4,883,529.10	1,809,805	1,843,019	3,235,851	24.15	133,990
2007	3,203,057.39	1,127,105	1,147,790	2,183,390	24.60	88,756
2008	4,576,048.63	1,523,908	1,551,875	3,207,215	25.03	128,135
2009	43,188,149.58	13,537,585	13,786,032	31,129,643	25.45	1,223,169
2010	14,398,200.14	4,220,758	4,298,219	10,675,909	25.86	412,835
2011	4,569,498.83	1,245,525	1,268,383	3,483,895	26.24	132,770
2012	6,735,726.41	1,692,866	1,723,934	5,281,221	26.61	198,468
2013	17,279,284.15	3,958,712	4,031,364	13,939,092	26.97	516,837
2014	3,984,663.48	822,262	837,352	3,306,698	27.31	121,080
2015	477,171.69	87,203	88,803	407,455	27.63	14,747
2016	28,297,016.62	4,475,841	4,557,983	24,870,914	27.93	890,473
2017	7,654,685.33	1,011,747	1,030,315	6,930,558	28.23	245,503
2018	590,484.04	62,338	63,482	550,621	28.50	19,320
2019	55,402,775.51	4,283,964	4,362,585	53,256,302	28.76	1,851,749
2020	107,549,669.66	5,113,858	5,207,710	106,643,947	29.01	3,676,110
2021	380,948.84	6,133	6,246	389,941	29.25	13,331
	430,486,729.29	118,994,339	121,178,170	326,528,028		12,942,067

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
1981	31,194,707.90	24,568,640	25,019,533	8,670,751	10.83	800,623
1983	1,422,973.16	1,083,452	1,103,336	433,475	11.80	36,735
1984	85,959,795.70	64,289,331	65,469,194	27,367,385	12.30	2,224,991
1985	6,009.00	4,410	4,491	1,999	12.82	156
1986	18,330,680.36	13,184,892	13,426,866	6,370,268	13.36	476,816
1987	429.00	302	308	156	13.91	11
1988	1,278,143.34	881,037	897,206	483,189	14.47	33,392
1990	203,266.00	133,692	136,146	83,382	15.64	5,331
1991	24,781,049.21	15,890,848	16,182,483	10,581,050	16.25	651,142
1993	367,602.00	223,318	227,416	169,594	17.50	9,691
1997	341,343.00	183,127	186,488	182,163	20.11	9,058
1998	716,404.00	371,067	377,877	395,839	20.78	19,049
2000	36,312.00	17,450	17,770	21,447	22.13	969
2004	162,898.00	65,602	66,806	109,124	24.84	4,393
2006	19,610,565.09	7,111,834	7,242,353	13,937,057	26.17	532,559
2007	6,292,940.08	2,153,499	2,193,021	4,603,354	26.82	171,639
2008	13,574,639.61	4,367,103	4,447,250	10,213,361	27.46	371,936
2009	8,271,423.78	2,486,807	2,532,446	6,400,692	28.10	227,783
2010	12,878,008.77	3,597,369	3,663,389	10,244,860	28.72	356,715
2011	8,596,182.63	2,216,711	2,257,393	7,026,484	29.33	239,566
2012	144,239,964.92	34,020,611	34,644,971	121,134,191	29.92	4,048,603
2013	31,909,418.50	6,816,273	6,941,368	27,520,804	30.50	902,321
2014	125,154,497.29	23,894,797	24,333,324	110,833,533	31.06	3,568,369
2015	1,564,314.41	262,390	267,205	1,422,254	31.60	45,008
2016	11,606,212.01	1,667,492	1,698,094	10,836,614	32.13	337,274
2017	1,798,701.59	214,968	218,913	1,723,685	32.63	52,825
2018	3,646,996.47	344,050	350,364	3,588,392	33.12	108,345
2019	3,906,982.15	267,097	271,999	3,947,542	33.59	117,521
2020	4,945,529.93	206,650	210,443	5,130,730	34.04	150,726
2021	10,771,903.08	153,215	156,027	11,477,628	34.47	332,974
	573,569,892.98	210,678,034	214,544,481	404,911,003		15,836,521

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
1985	27,892,492.53	20,469,185	20,844,844	9,279,048	12.82	723,795
1986	35,647,087.00	25,640,237	26,110,797	12,388,057	13.36	927,250
1987	140,474.00	98,954	100,770	50,942	13.91	3,662
1988	53,222.10	36,687	37,360	20,120	14.47	1,390
1991	180,450.90	115,714	117,838	77,049	16.25	4,741
1992	185,571.83	115,891	118,018	82,400	16.87	4,884
1993	4,235,532.49	2,573,086	2,620,308	1,954,067	17.50	111,661
1994	103,746.08	61,233	62,357	49,689	18.14	2,739
2001	5,996.12	2,763	2,814	3,662	22.85	160
2002	3,374.05	1,489	1,516	2,128	23.54	90
2004	6,538,397.64	2,627,361	2,675,579	4,385,890	24.91	176,069
2005	60,435.43	23,081	23,505	41,766	25.59	1,632
2006	101,559.99	36,728	37,402	72,283	26.26	2,753
2007	2,408,920.15	821,596	836,674	1,764,960	26.93	65,539
2008	1,537,393.62	492,653	501,694	1,158,691	27.59	41,997
2009	1,929,129.45	578,056	588,665	1,494,795	28.23	52,951
2010	1,080,960.38	300,790	306,310	861,127	28.87	29,828
2011	1,535,722.25	393,963	401,193	1,257,387	29.50	42,623
2012	1,146,102.38	268,984	273,921	963,870	30.11	32,012
2013	387,441.50	82,332	83,843	334,594	30.70	10,899
2014	910,829.72	172,894	176,067	807,629	31.28	25,819
2015	1,587,696.69	264,151	268,999	1,445,714	31.85	45,391
2016	456,521.18	65,131	66,326	426,717	32.39	13,174
2017	1,020,254.30	120,710	122,925	978,949	32.92	29,737
2018	553,858.60	51,658	52,606	545,561	33.43	16,320
2019	1,245,073.03	84,715	86,270	1,258,409	33.91	37,110
2020	12,490,682.76	516,934	526,421	12,963,516	34.38	377,066
2021	12,677,479.46	178,403	181,677	13,510,001	34.83	387,884
	116,116,405.63	56,195,379	57,226,699	68,179,019		3,169,176
	1,120,173,027.90	385,867,752	392,949,350	799,618,050		31,947,764

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 25.0 2.85

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
1981	89,606.70	69,561	84,019	9,172	11.41	804
1982	110,442.00	84,282	101,799	13,060	11.98	1,090
1983	150,106.17	112,504	135,887	20,224	12.57	1,609
1984	134,304.75	98,759	119,285	20,392	13.18	1,547
1985	1,713.00	1,235	1,492	290	13.80	21
1986	24,706,635.03	17,446,067	21,072,061	4,622,840	14.44	320,141
1987	536,548.61	370,848	447,925	110,085	15.08	7,300
1988	1,366,761.76	923,590	1,115,549	305,883	15.74	19,433
1989	962,115.00	635,061	767,052	233,547	16.41	14,232
1990	627,189.98	404,040	488,016	164,262	17.08	9,617
1991	9,436,718.00	5,928,358	7,160,509	2,653,678	17.75	149,503
1992	39,697.00	24,290	29,338	11,946	18.43	648
1993	531,825.76	316,765	382,601	170,497	19.10	8,927
1994	728,466.88	421,858	509,537	248,069	19.77	12,548
1995	1,543,919.00	868,317	1,048,788	556,888	20.44	27,245
1996	580,762.00	316,969	382,848	221,145	21.09	10,486
1997	17,379,589.60	9,190,661	11,100,850	6,973,923	21.74	320,788
1998	4,204,872.00	2,152,292	2,599,625	1,773,442	22.37	79,278
1999	16,436,713.90	8,131,874	9,822,004	7,272,178	22.99	316,319
2000	868,637.00	414,824	501,041	402,341	23.59	17,056
2001	2,647,459.52	1,218,554	1,471,818	1,281,539	24.17	53,022
2002	6,207,232.00	2,748,890	3,320,220	3,135,301	24.73	126,781
2003	10,434,838.35	4,435,850	5,357,798	5,494,434	25.27	217,429
2004	6,849,779.83	2,788,671	3,368,269	3,755,502	25.79	145,619
2005	2,825,962.95	1,099,598	1,328,139	1,610,863	26.28	61,296
2006	17,032,325.77	6,312,248	7,624,187	10,089,432	26.75	377,175
2007	29,573,516.66	10,401,834	12,563,753	18,192,704	27.20	668,849
2008	19,317,996.72	6,423,002	7,757,960	12,332,757	27.62	446,515
2009	14,107,224.55	4,418,326	5,336,632	9,334,882	28.01	333,270
2010	55,852.93	16,374	19,777	38,310	28.38	1,350
2011	614,456.39	167,312	202,086	436,948	28.73	15,209
2012	24,170,751.92	6,064,442	7,324,877	17,812,705	29.06	612,963
2013	430,360,907.87	98,551,615	119,034,601	328,540,743	29.36	11,190,080
2014	40,435,668.40	8,347,119	10,081,986	31,971,109	29.64	1,078,647
2015	124,726,385.70	22,775,437	27,509,088	102,206,353	29.91	3,417,130
2016	18,144,356.33	2,866,373	3,462,121	15,408,010	30.15	511,045
2017	25,442,369.06	3,360,693	4,059,180	22,400,884	30.38	737,356
2018	24,884,024.88	2,616,147	3,159,887	22,719,498	30.59	742,710

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
2019	45,676,087.59	3,529,008	4,262,478	43,240,653	30.78	1,404,830
2020	13,127,307.95	622,823	752,271	12,900,130	30.96	416,671
2021	2,122,840.75	34,905	42,160	2,165,595	31.12	69,589
	939,193,970.26	236,711,376	285,909,513	690,852,216		23,946,128
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
1981	62,131,033.53	50,087,256	60,497,400	6,604,116	11.41	578,801
1982	1,098.00	870	1,051	135	11.98	11
1983	349,377.00	271,928	328,446	48,882	12.57	3,889
1984	58,591,273.75	44,730,992	54,027,890	9,250,686	13.19	701,341
1986	138,689.00	101,654	122,782	27,002	14.46	1,867
1987	840,762.00	602,727	727,998	180,025	15.13	11,899
1989	270,605.00	185,029	223,485	68,768	16.51	4,165
1991	1,060,316.00	688,608	831,728	313,413	17.94	17,470
1993	3,490,645.39	2,141,792	2,586,942	1,182,955	19.43	60,883
1996	175,317.00	97,871	118,213	71,130	21.72	3,275
1997	15,913,014.00	8,579,622	10,362,812	6,823,243	22.50	303,255
1998	46,418.00	24,139	29,156	20,975	23.28	901
1999	237,094.00	118,756	143,438	112,623	24.06	4,681
2000	1,160,078.00	558,085	674,077	578,807	24.85	23,292
2001	1,996,231.00	921,142	1,112,592	1,043,337	25.63	40,708
2002	951,249.50	420,186	507,518	519,832	26.40	19,691
2003	939,332.00	396,184	478,527	535,952	27.17	19,726
2004	881,197.00	353,620	427,116	524,576	27.94	18,775
2005	982,382.00	374,322	452,121	608,851	28.69	21,222
2006	1,108,125.82	399,651	482,715	714,061	29.42	24,271
2007	1,321,398.17	449,311	542,696	884,414	30.14	29,344
2008	4,854,586.11	1,549,660	1,871,742	3,371,211	30.84	109,313
2009	1,365,884.59	407,246	491,888	983,267	31.52	31,195
2010	7,867,151.31	2,177,659	2,630,264	5,866,259	32.18	182,295
2011	3,409,858.83	870,099	1,050,941	2,631,707	32.81	80,211
2012	9,783,379.68	2,285,225	2,760,187	7,805,863	33.41	233,639
2013	4,810,032.12	1,016,577	1,227,863	3,966,972	33.99	116,710
2014	12,188,283.93	2,299,242	2,777,117	10,386,230	34.54	300,702
2015	5,375,660.68	890,248	1,075,277	4,730,436	35.06	134,924

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
2016	5,262,878.07	748,343	903,879	4,780,030	35.55	134,459
2017	8,669,040.87	1,021,268	1,233,529	8,129,036	36.02	225,681
2018	38,758,695.28	3,609,954	4,360,247	37,499,143	36.45	1,028,783
2019	14,738,929.02	995,833	1,202,807	14,715,236	36.86	399,220
2020	5,120,474.31	211,361	255,290	5,274,822	37.24	141,644
2021	3,968,788.66	55,122	66,579	4,219,713	37.60	112,226
	278,759,279.62	129,641,582	156,586,312	144,473,710		5,120,469
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
1979	307.59	256	309	23	10.32	2
1981	103.57	83	100	12	11.41	1
1985	27,174,483.80	20,335,242	24,561,723	4,786,720	13.82	346,362
1986	23,452,055.45	17,189,503	20,762,173	4,566,047	14.46	315,771
1987	490,647.75	351,737	424,842	105,057	15.13	6,944
1988	466,577.49	326,867	394,803	109,101	15.81	6,901
1989	223,053.53	152,515	184,214	56,684	16.51	3,433
1990	26,878.36	17,920	21,644	7,384	17.22	429
1991	465,580.18	302,365	365,209	137,618	17.94	7,671
1992	100,215.01	63,304	76,461	31,771	18.68	1,701
1993	38,354.51	23,537	28,429	12,994	19.43	669
1996	260,117.74	145,180	175,354	105,573	21.73	4,858
1997	3,298,617.41	1,777,691	2,147,167	1,415,340	22.52	62,848
2002	55,314.03	24,387	29,456	30,284	26.47	1,144
2003	237,983.49	100,162	120,980	136,042	27.25	4,992
2004	526,529.67	210,868	254,695	313,957	28.03	11,201
2005	397,275.84	151,033	182,424	246,634	28.79	8,567
2006	424,380.09	152,638	184,362	273,968	29.54	9,274
2007	459,028.91	155,592	187,930	307,821	30.28	10,166
2008	1,380,925.95	439,202	530,486	960,914	31.00	30,997
2009	1,270,534.36	377,253	455,661	916,516	31.70	28,912
2010	274,473.48	75,626	91,344	205,087	32.38	6,334
2011	701,489.67	178,046	215,051	542,558	33.04	16,421
2012	1,379,505.52	320,008	386,519	1,103,347	33.67	32,769
2013	2,491,503.87	523,123	631,849	2,058,975	34.27	60,081
2014	2,729,039.77	511,043	617,258	2,330,105	34.85	66,861

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
2015	5,572,844.54	914,176	1,104,179	4,914,494	35.40	138,828
2016	1,947,067.82	274,441	331,481	1,771,352	35.91	49,328
2017	3,842,506.55	448,439	541,643	3,608,264	36.40	99,128
2018	10,444,340.48	962,851	1,162,970	10,116,918	36.86	274,469
2019	1,227,233.37	82,030	99,079	1,226,333	37.29	32,886
2020	1,000,850.76	40,567	48,998	1,031,920	37.70	27,372
2021	604,992.04	8,305	10,031	643,360	38.07	16,899
	92,964,812.60	46,635,990	56,328,823	44,073,175		1,684,219
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -10						
2009	124,789.97	37,739	45,583	91,686	31.70	2,892
	124,789.97	37,739	45,583	91,686		2,892
	1,311,042,852.45	413,026,687	498,870,231	879,490,787		30,753,708
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					28.6	2.35

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
1975	982,088.00	744,192	970,992	50,380	13.55	3,718
1976	30,131.00	22,521	29,384	1,952	14.04	139
1977	419,344.00	308,902	403,043	33,075	14.55	2,273
1978	421,781.00	306,043	399,313	39,340	15.07	2,610
1979	388,898.00	277,783	362,440	42,014	15.60	2,693
1980	103,120.00	72,480	94,569	12,676	16.13	786
1981	604,951.00	418,126	545,554	83,595	16.67	5,015
1982	395,677.00	268,836	350,766	60,738	17.21	3,529
1983	1,854,930.00	1,238,210	1,615,567	313,561	17.75	17,665
1984	2,674,151.00	1,752,326	2,286,365	494,753	18.30	27,036
1985	1,087,173.00	698,963	911,979	218,681	18.85	11,601
1986	6,585,615.00	4,153,052	5,418,735	1,430,304	19.39	73,765
1987	3,081,476.00	1,904,702	2,485,179	719,556	19.93	36,104
1988	1,990,417.00	1,204,905	1,572,112	497,922	20.47	24,324
1989	2,230,226.00	1,321,521	1,724,267	595,168	21.00	28,341
1990	6,613,873.00	3,834,517	5,003,124	1,875,304	21.52	87,142
1991	3,341,819.00	1,894,213	2,471,493	1,003,999	22.03	45,574
1992	8,515,954.00	4,716,755	6,154,232	2,702,360	22.53	119,945
1993	9,416,240.31	5,089,463	6,640,527	3,152,363	23.03	136,881
1994	10,465,131.00	5,519,469	7,201,581	3,682,155	23.50	156,687
1995	4,704,873.00	2,417,616	3,154,408	1,738,660	23.97	72,535
1996	7,035,376.00	3,520,035	4,592,800	2,723,991	24.42	111,548
1997	3,843,775.00	1,870,802	2,440,947	1,556,579	24.85	62,639
1998	3,090,632.00	1,461,459	1,906,853	1,307,404	25.27	51,737
1999	2,682,033.00	1,230,116	1,605,006	1,184,308	25.68	46,118
2000	3,241,010.00	1,440,549	1,879,570	1,491,080	26.06	57,217
2001	3,929,463.00	1,689,622	2,204,551	1,882,091	26.43	71,210
2002	4,496,013.00	1,865,946	2,434,611	2,241,242	26.79	83,660
2003	3,224,970.29	1,289,702	1,682,751	1,671,218	27.13	61,600
2004	3,525,732.00	1,355,565	1,768,687	1,898,075	27.45	69,147
2005	3,985,448.00	1,468,402	1,915,912	2,228,954	27.76	80,294
2006	7,394,568.78	2,605,183	3,399,138	4,291,213	28.05	152,984
2007	5,456,545.47	1,829,615	2,387,208	3,287,599	28.33	116,047
2008	7,403,220.77	2,355,231	3,073,011	4,626,339	28.59	161,817
2009	14,348,088.37	4,309,179	5,622,444	9,299,568	28.84	322,454
2010	8,658,616.99	2,440,885	3,184,769	5,820,193	29.07	200,213
2011	11,419,422.80	2,997,078	3,910,467	7,965,733	29.30	271,868
2012	11,943,100.77	2,897,903	3,781,067	8,639,757	29.51	292,774
2013	11,328,601.72	2,511,750	3,277,230	8,504,515	29.71	286,251
2014	11,976,458.93	2,395,570	3,125,643	9,329,874	29.90	312,036
2015	11,148,834.01	1,982,013	2,586,051	9,008,736	30.07	299,592

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
2016	16,540,330.25	2,544,683	3,320,200	13,881,743	30.24	459,052
2017	7,707,090.83	995,269	1,298,587	6,716,787	30.40	220,947
2018	12,372,170.22	1,271,523	1,659,032	11,208,025	30.55	366,875
2019	14,939,162.48	1,126,879	1,470,306	14,066,423	30.69	458,339
2020	3,034,089.22	140,859	183,787	2,971,666	30.82	96,420
2021	9,835,864.17	156,304	203,939	10,025,360	30.94	324,026
	270,468,486.38	87,916,717	114,710,199	166,577,027		5,895,228
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
1975	2,818.00	2,212	2,886	157	13.66	11
1977	272.00	207	270	24	14.72	2
1978	65,293.00	48,962	63,884	6,633	15.28	434
1979	13,140.00	9,692	12,646	1,545	15.85	97
1980	11,791.00	8,548	11,153	1,581	16.43	96
1981	39,467,451.84	28,106,825	36,672,656	5,952,192	17.02	349,718
1982	122,686.00	85,744	111,875	20,626	17.63	1,170
1983	220,369.00	151,072	197,113	40,886	18.24	2,242
1984	18,909,341.94	12,702,540	16,573,764	3,848,326	18.87	203,939
1985	777,748.00	511,725	667,678	172,290	19.50	8,835
1986	3,501,052.00	2,254,124	2,941,090	840,046	20.14	41,710
1987	2,004,725.00	1,261,779	1,646,319	518,784	20.79	24,954
1988	2,890,222.00	1,777,941	2,319,786	801,654	21.43	37,408
1989	3,210,058.00	1,927,194	2,514,525	952,337	22.09	43,112
1990	9,187,217.02	5,380,508	7,020,271	2,901,924	22.74	127,613
1991	6,838,773.00	3,903,583	5,093,238	2,292,637	23.39	98,018
1992	2,744,403.00	1,524,777	1,989,468	974,487	24.05	40,519
1993	4,893,824.00	2,644,779	3,450,801	1,834,529	24.70	74,272
1994	4,875,918.00	2,560,430	3,340,746	1,925,245	25.35	75,947
1995	4,771,387.46	2,432,056	3,173,249	1,979,850	25.99	76,177
1996	4,058,035.00	2,004,724	2,615,683	1,766,994	26.63	66,354
1997	4,433,696.00	2,120,683	2,766,982	2,021,410	27.26	74,153
1998	2,597,290.00	1,200,852	1,566,823	1,238,250	27.88	44,414
1999	2,163,258.00	965,600	1,259,876	1,076,443	28.49	37,783
2000	3,130,204.00	1,347,346	1,757,963	1,622,657	29.08	55,800
2001	3,978,953.00	1,647,659	2,149,799	2,147,470	29.67	72,378

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
2002	3,483,339.00	1,385,020	1,807,118	1,954,888	30.24	64,646
2003	2,978,837.00	1,134,590	1,480,367	1,736,777	30.80	56,389
2004	2,654,131.00	966,399	1,260,919	1,605,543	31.34	51,230
2005	3,214,887.00	1,115,961	1,456,061	2,016,017	31.86	63,277
2006	3,846,446.57	1,267,933	1,654,348	2,499,814	32.37	77,226
2007	4,706,781.52	1,469,640	1,917,527	3,165,797	32.85	96,371
2008	7,296,336.18	2,147,233	2,801,623	5,078,420	33.32	152,414
2009	8,356,598.13	2,306,010	3,008,789	6,016,337	33.77	178,156
2010	8,285,578.40	2,132,499	2,782,399	6,166,026	34.20	180,293
2011	7,760,321.21	1,849,049	2,412,565	5,968,582	34.62	172,403
2012	7,769,071.35	1,699,180	2,217,022	6,173,575	35.01	176,337
2013	12,932,386.31	2,573,136	3,357,324	10,609,653	35.38	299,877
2014	19,227,645.93	3,425,328	4,469,230	16,296,627	35.74	455,977
2015	26,531,410.33	4,167,140	5,437,117	23,216,806	36.08	643,481
2016	13,105,478.72	1,772,212	2,312,311	11,841,606	36.40	325,319
2017	12,814,106.23	1,442,048	1,881,526	11,957,708	36.71	325,734
2018	9,501,617.16	847,312	1,105,539	9,156,208	37.00	247,465
2019	14,867,301.51	963,883	1,257,636	14,799,050	37.27	397,077
2020	3,792,751.45	150,329	196,143	3,900,028	37.53	103,918
2021	10,396,216.39	140,910	183,854	11,044,060	37.77	292,403
	308,391,167.65	109,537,374	142,919,964	190,142,497		5,917,149
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
1982	32.63	23	30	5	17.64	
1983	3,779.17	2,589	3,378	703	18.26	38
1984	242,087.70	162,559	212,100	49,354	18.89	2,613
1985	8,192,191.98	5,387,903	7,029,919	1,817,648	19.52	93,117
1986	3,174,319.85	2,042,252	2,664,648	763,617	20.17	37,859
1987	635,188.44	399,549	521,315	164,688	20.82	7,910
1988	1,007,512.81	619,191	807,896	280,218	21.47	13,052
1989	426,968.84	256,128	334,186	126,941	22.13	5,736
1990	848,977.55	496,710	648,087	268,808	22.79	11,795
1991	1,121,652.46	639,223	834,032	377,352	23.46	16,085
1992	1,542,910.72	855,851	1,116,680	549,664	24.12	22,789
1993	976,309.46	526,680	687,191	367,223	24.78	14,819

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
1994	1,536,887.00	805,403	1,050,857	608,980	25.44	23,938
1995	1,414,554.73	719,403	938,648	589,071	26.09	22,578
1996	883,657.83	435,451	568,159	386,191	26.74	14,442
1997	1,567,649.92	747,792	975,689	717,373	27.38	26,201
1998	870,345.03	401,256	523,543	416,430	28.02	14,862
1999	377,219.05	167,860	219,017	188,380	28.64	6,578
2000	682,157.20	292,356	381,454	355,275	29.26	12,142
2001	488,365.14	201,364	262,732	264,703	29.86	8,865
2002	757,071.95	299,599	390,905	426,733	30.45	14,014
2003	706,657.44	267,811	349,429	413,761	31.02	13,339
2004	444,506.04	160,966	210,022	270,045	31.58	8,551
2005	717,907.43	247,713	323,206	452,134	32.12	14,076
2006	529,049.13	173,389	226,231	345,142	32.64	10,574
2007	885,068.60	274,431	358,067	597,808	33.15	18,033
2008	1,992,947.48	582,091	759,489	1,392,894	33.64	41,406
2009	1,637,532.25	448,235	584,839	1,183,696	34.11	34,702
2010	1,731,561.70	441,789	576,429	1,293,658	34.56	37,432
2011	1,347,505.62	318,159	415,121	1,040,185	34.99	29,728
2012	1,231,925.42	267,054	348,441	982,038	35.40	27,741
2013	2,090,274.70	411,587	537,022	1,720,474	35.79	48,071
2014	1,075,230.88	189,644	247,440	913,809	36.17	25,264
2015	3,731,679.96	579,102	755,589	3,274,625	36.53	89,642
2016	1,851,567.40	247,642	323,113	1,676,579	36.86	45,485
2017	1,618,816.35	180,112	235,003	1,513,319	37.18	40,703
2018	789,731.27	69,580	90,785	762,125	37.49	20,329
2019	2,116,188.56	135,438	176,714	2,108,770	37.78	55,817
2020	1,648,669.24	64,492	84,147	1,696,416	38.05	44,584
2021	1,142,057.65	14,949	19,505	1,213,917	38.31	31,687
	54,038,716.58	20,533,326	26,791,059	31,570,755		1,006,597
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -5						
1997	61,696.00	28,612	37,332	27,449	27.38	1,003
1998	48,736.00	21,845	28,502	22,670	28.02	809
2006	7,273.00	2,317	3,023	4,614	32.64	141
2010	1,282,200.53	318,052	414,982	931,329	34.56	26,948

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -5						
2015	39,614.09	5,977	7,799	33,796	36.53	925
2016	141,937.22	18,456	24,081	124,953	36.86	3,390
2018	6,783.00	581	758	6,364	37.49	170
2019	34,131.29	2,124	2,771	33,067	37.78	875
2020	2,504,108.89	95,234	124,258	2,505,057	38.05	65,836
	4,126,480.02	493,198	643,505	3,689,299		100,097
	637,024,850.63	218,480,615	285,064,727	391,979,578		12,919,071
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					30.3	2.03

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1964	6,879,922.00	4,409,342	5,449,964	1,429,958	31.64	45,195
1982	1,607.00	872	1,078	529	33.08	16
1989	18.00	9	11	7	33.37	
	6,881,547.00	4,410,223	5,451,053	1,430,494		45,211
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. 0						
1991	723,692.00	293,631	362,929	360,763	44.51	8,105
	723,692.00	293,631	362,929	360,763		8,105
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. 0						
1973	324,858.00	216,391	267,460	57,398	24.11	2,381
1975	4,171.00	2,738	3,384	787	24.17	33
1979	33,104.00	21,023	25,985	7,119	24.29	293
1987	74,046.00	43,270	53,482	20,564	24.46	841
	436,179.00	283,422	350,311	85,868		3,548
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. 0						
1971	12,066,994.00	8,151,616	10,076,662	1,990,332	24.03	82,827
1977	4,081.00	2,637	3,260	821	24.23	34
	12,071,075.00	8,154,253	10,079,922	1,991,153		82,861

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1916	35,796.00	30,053	35,796			
	35,796.00	30,053	35,796			
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1919	393,705.00	325,661	393,705			
	393,705.00	325,661	393,705			
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1915	7,426.00	6,264	7,426			
	7,426.00	6,264	7,426			
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1923	319,558.00	258,778	319,558			
1998	4,355.00	1,791	3,743	612	33.60	18
	323,913.00	260,569	323,301	612		18

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. 0						
1910	15,682.00	14,139	15,682			
1979	1,420.00	1,061	1,420			
	17,102.00	15,200	17,102			
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1928	695,790.00	548,289	680,788	15,002	22.85	657
	695,790.00	548,289	680,788	15,002		657
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1925	199,929.00	160,165	198,870	1,059	21.56	49
	199,929.00	160,165	198,870	1,059		49
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1919	204,111.00	168,834	204,111			
	204,111.00	168,834	204,111			

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1925	1,152,940.00	923,632	1,151,671	1,269	21.56	59
1974	36,176.00	21,375	26,652	9,524	32.58	292
2012	325.24	71	89	237	33.77	7
	1,189,441.24	945,078	1,178,412	11,029		358
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. 0						
1954	326.00	255	318	8	18.41	
1956	109.00	85	106	3	18.51	
	435.00	340	424	11		
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. 0						
1941	6,560.00	5,303	6,560			
1942	60,785.00	48,996	60,785			
1943	993.00	798	993			
1949	499.00	394	499			
1950	245.00	193	245			
1952	401.00	313	401			
1953	10,821.00	8,423	10,821			
	80,304.00	64,420	80,304			
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. 0						
1929	712.00	642	712			
1949	5,070.00	4,449	5,070			
	5,782.00	5,091	5,782			

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. 0						
1956	711.00	552	696	15	18.51	1
	711.00	552	696	15		1
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. 0						
1941	47,127.00	38,343	47,127			
	47,127.00	38,343	47,127			
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. 0						
1949	204.00	162	204			
1950	511.00	405	511			
1954	803.00	628	803			
	1,518.00	1,195	1,518			
	23,315,583.24	15,711,583	19,419,577	3,896,006		140,808
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					27.7	0.60

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
1963	6,596,125.20	4,725,147	5,114,346	1,745,625	22.36	78,069
1974	2,204.81	1,441	1,560	733	25.40	29
1976	19,182.00	12,287	13,299	6,650	25.93	256
1984	101,670.00	59,157	64,030	41,707	28.00	1,490
1985	84,172.00	48,293	52,271	35,268	28.24	1,249
1986	244,736.00	138,335	149,729	104,796	28.49	3,678
1987	2,255.00	1,256	1,359	986	28.72	34
1988	110,058.00	60,298	65,265	49,196	28.96	1,699
1993	50,677.00	25,328	27,414	25,290	30.08	841
1994	9,195.00	4,500	4,871	4,692	30.29	155
1998	11,560.00	5,139	5,562	6,460	31.07	208
1999	323,640.00	139,983	151,513	185,073	31.25	5,922
2000	2,733,329.00	1,148,492	1,243,090	1,599,572	31.42	50,909
2001	926,024.00	377,098	408,159	554,906	31.59	17,566
2002	22,879.00	9,011	9,753	14,041	31.76	442
2003	360,270.00	136,987	148,270	226,411	31.91	7,095
2005	23,701.00	8,331	9,017	15,632	32.20	485
2006	807,997.00	271,666	294,042	546,274	32.34	16,892
2007	318,813.66	102,162	110,577	220,989	32.47	6,806
2008	302,951.03	92,139	99,728	215,341	32.59	6,608
2009	22,320.31	6,412	6,940	16,273	32.70	498
2010	31,479.97	8,486	9,185	23,554	32.81	718
2011	48,836.32	12,276	13,287	37,503	32.91	1,140
2013	382,868.36	81,301	87,998	310,186	33.09	9,374
2014	949,265.30	182,056	197,051	790,184	33.17	23,822
2015	1,479,507.62	251,668	272,397	1,266,291	33.24	38,095
2016	228,885.00	33,735	36,514	201,527	33.31	6,050
2017	83,177.53	10,279	11,126	75,379	33.37	2,259
2018	101,589.27	10,013	10,838	94,815	33.43	2,836
2019	1,777,844.35	128,466	139,047	1,709,911	33.48	51,073
2020	1,263,694.15	56,276	60,911	1,253,331	33.53	37,379
2021	331,002.77	5,053	5,469	338,774	33.57	10,092
	19,751,910.65	8,153,071	8,824,619	11,717,368		383,769

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
1986	1,854.74	997	1,079	943	34.59	27
1988	2,113.00	1,094	1,184	1,119	35.40	32
1990	120,460.88	59,866	64,797	66,505	36.18	1,838
1991	219,106,632.28	106,554,710	115,331,353	123,494,876	36.57	3,376,945
1995	62,322.00	27,504	29,769	38,162	38.07	1,002
1998	122,633.00	49,660	53,750	79,920	39.13	2,042
1999	1,112,375.00	436,350	472,291	740,198	39.47	18,753
2000	139,149.00	52,777	57,124	94,548	39.80	2,376
2002	38,980.00	13,741	14,873	27,615	40.44	683
2005	131,006.00	40,608	43,953	98,844	41.32	2,392
2007	34,505.00	9,652	10,447	27,163	41.86	649
2008	95,082.54	25,098	27,165	76,475	42.12	1,816
2009	366,397.39	90,829	98,310	301,063	42.36	7,107
2010	143,392.61	33,207	35,942	120,356	42.59	2,826
2011	23,066.15	4,943	5,350	19,792	42.82	462
2012	196,463.63	38,694	41,881	172,264	43.03	4,003
2013	765,687.47	136,999	148,283	686,316	43.23	15,876
2014	224,711.83	36,077	39,049	205,887	43.42	4,742
2015	391,898.23	55,421	59,986	367,183	43.60	8,422
2016	2,156,282.11	262,369	283,980	2,066,368	43.77	47,210
2017	1,210,247.94	122,604	132,703	1,186,468	43.92	27,014
2018	139,004.16	11,148	12,066	139,448	44.07	3,164
2019	4,802,675.47	280,173	303,250	4,931,666	44.21	111,551
2020	1,684,199.22	60,067	65,015	1,770,763	44.34	39,936
2021	1,173,122.39	14,219	15,390	1,263,313	44.46	28,415
	234,244,262.04	108,418,807	117,348,991	137,977,255		3,709,283
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1973	11,052,043.14	7,657,295	8,288,007	2,874,557	20.27	141,813
1975	1,005,131.84	685,797	742,284	272,899	20.59	13,254
1977	22,657.00	15,212	16,465	6,419	20.89	307
1979	1,310.00	864	935	388	21.19	18
1981	11,298.00	7,314	7,916	3,495	21.48	163
1983	37,284.00	23,639	25,586	12,071	21.77	554
1985	65,504.00	40,618	43,964	22,195	22.04	1,007

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1987	2,644.00	1,600	1,732	939	22.30	42
1990	182,616.00	106,097	114,836	69,606	22.67	3,070
1992	3,904,859.00	2,199,281	2,380,430	1,563,477	22.91	68,244
1995	51,697.00	27,631	29,907	22,307	23.23	960
1999	171,792.00	84,279	91,221	82,289	23.61	3,485
2000	211,838.00	101,347	109,695	104,262	23.70	4,399
2001	88,467.00	41,225	44,621	44,731	23.78	1,881
2004	89,113.00	37,866	40,985	49,019	24.00	2,042
2005	37,428.00	15,350	16,614	21,188	24.06	881
2006	11,282.00	4,450	4,817	6,578	24.13	273
2007	24,952.86	9,436	10,213	14,989	24.18	620
2008	251,108.95	90,636	98,101	155,519	24.24	6,416
2011	342,670.74	104,217	112,801	233,296	24.37	9,573
2012	1,699,582.20	480,899	520,509	1,196,069	24.41	48,999
2013	577,797.58	150,411	162,800	420,776	24.45	17,210
2014	208,917.34	49,435	53,507	157,500	24.48	6,434
2016	841,741.53	155,707	168,532	681,627	24.53	27,787
2017	6,510,939.96	1,018,696	1,102,603	5,473,446	24.55	222,951
2018	348,015.96	43,828	47,438	304,058	24.57	12,375
2019	997,020.02	92,925	100,579	906,411	24.59	36,861
2020	4,745,081.18	275,427	298,113	4,494,419	24.60	182,700
2021	39,160.17	787	852	38,700	24.61	1,573
	33,533,952.47	13,522,269	14,636,064	19,233,228		815,892
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1967	124.00	91	98	29	19.30	2
1973	4,117.00	2,909	3,149	1,092	20.27	54
1977	23,625.00	16,176	17,508	6,825	20.89	327
1980	13,185.00	8,787	9,511	4,070	21.34	191
1984	502,853.00	321,661	348,155	169,783	21.90	7,753
1985	30,347.00	19,190	20,771	10,487	22.04	476
1987	24,051.00	14,844	16,067	8,706	22.30	390
1988	20,938.00	12,755	13,806	7,761	22.43	346
1992	41,124.00	23,620	25,566	16,792	22.91	733
1996	63,854.00	34,126	36,937	28,833	23.33	1,236

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1998	7,187.00	3,681	3,984	3,418	23.52	145
2006	280,058.00	112,644	121,922	166,538	24.13	6,902
2007	23,177.90	8,938	9,674	14,199	24.18	587
2008	196,289.82	72,253	78,204	123,974	24.24	5,114
2010	181,122.74	59,842	64,771	121,785	24.33	5,006
2012	3,479,157.34	1,003,927	1,086,618	2,496,914	24.41	102,291
2013	963,404.39	255,757	276,823	715,483	24.45	29,263
2014	247,691.84	59,770	64,693	190,429	24.48	7,779
2015	653,630.15	141,165	152,792	520,447	24.50	21,243
2016	266,850.12	50,340	54,486	220,369	24.53	8,984
2017	226,118.84	36,079	39,051	193,852	24.55	7,896
2018	5,563,173.06	714,482	773,332	4,956,736	24.57	201,739
2019	15,397,811.74	1,463,537	1,584,085	14,275,661	24.59	580,547
2021	4,578,323.72	93,889	101,622	4,614,051	24.61	187,487
	32,788,214.66	4,530,463	4,903,626	28,868,235		1,176,491
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1972	84.00	61	66	29	24.86	1
1988	32,164.00	19,147	20,724	15,621	28.96	539
1995	460,715.24	239,615	259,352	261,257	30.49	8,569
1997	1,774,350.00	879,701	952,160	1,052,856	30.88	34,095
1998	219,508.00	106,036	114,770	133,274	31.07	4,289
1999	67,481.00	31,713	34,325	41,928	31.25	1,342
2000	47,820.00	21,832	23,630	30,406	31.42	968
2002	62,200.00	26,619	28,812	41,474	31.76	1,306
2004	443,009.00	176,176	190,687	309,913	32.06	9,667
2006	108,103.00	39,492	42,745	79,412	32.34	2,456
2007	57,291.94	19,948	21,591	43,149	32.47	1,329
2008	20,349.96	6,725	7,279	15,717	32.59	482
2010	636,012.43	186,285	201,629	517,065	32.81	15,759
2011	13,532.64	3,696	4,000	11,291	32.91	343
2012	42,031.80	10,617	11,491	36,004	33.00	1,091
2014	57,549.90	11,992	12,980	52,052	33.17	1,569

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
2015	311,370.43	57,548	62,288	289,560	33.24	8,711
2019	28,147.13	2,210	2,392	29,414	33.48	879
2020	1,326,505.69	64,185	69,472	1,429,480	33.53	42,633
	5,708,226.16	1,903,598	2,060,393	4,389,903		136,028
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
1927	70,439.85	67,203	72,738	7,563	12.23	618
1978	55,255.00	37,972	41,100	21,891	26.46	827
1984	12,570.00	8,017	8,677	5,652	28.00	202
1991	47,238.00	26,921	29,138	24,713	29.64	834
1995	20,489.39	10,751	11,637	11,721	30.49	384
1996	131,644.00	67,475	73,033	77,041	30.69	2,510
1997	819,376.01	409,831	443,588	490,501	30.88	15,884
1999	1,246,301.45	590,890	639,560	781,224	31.25	24,999
2000	100,618.00	46,343	50,160	64,544	31.42	2,054
2007	133,235.00	46,800	50,655	101,233	32.47	3,118
2008	323,572.00	107,873	116,758	252,114	32.59	7,736
2009	33,232.38	10,465	11,327	26,558	32.70	812
2014	141,489.82	29,745	32,195	129,103	33.17	3,892
2015	299,135.53	55,776	60,370	280,644	33.24	8,443
2016	140,673.48	22,727	24,599	135,769	33.31	4,076
2017	411,529.96	55,748	60,340	408,804	33.37	12,251
2018	6,908.07	746	807	7,068	33.43	211
2019	37,703.26	2,986	3,232	39,750	33.48	1,187
2020	61,939.14	3,024	3,273	67,338	33.53	2,008
2021	3,427.24	57	62	3,845	33.57	115
	4,096,777.58	1,601,350	1,733,249	2,937,077		92,161

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -3						
1981	4,002.00	2,399	2,597	1,525	27.24	56
1987	10,744.00	5,924	6,412	4,654	28.72	162
1996	243,963.21	112,979	122,285	128,997	30.69	4,203
1999	1,054,180.00	451,576	488,771	597,034	31.25	19,105
2001	44,894.00	18,106	19,597	26,643	31.59	843
2008	74,141.34	22,332	24,171	52,194	32.59	1,602
2011	61,800,618.44	15,385,962	16,653,265	47,001,372	32.91	1,428,179
2012	17,304.68	3,984	4,312	13,512	33.00	409
2015	107,864.69	18,172	19,669	91,432	33.24	2,751
2017	1,695,191.19	207,483	224,573	1,521,474	33.37	45,594
2018	141,242.95	13,787	14,923	130,558	33.43	3,905
2019	60,394.85	4,322	4,678	57,529	33.48	1,718
2021	989,435.21	14,961	16,193	1,002,925	33.57	29,876
	66,243,976.56	16,261,987	17,601,446	50,629,850		1,538,403
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
1978	2,934.00	2,140	2,316	1,234	26.46	47
1988	3,614.00	2,304	2,494	1,879	28.96	65
1991	37,013.00	22,389	24,233	20,553	29.64	693
1993	518,921.74	301,748	326,602	301,293	30.08	10,016
1995	787,401.00	438,515	474,634	478,121	30.49	15,681
1996	46,178.00	25,122	27,191	28,684	30.69	935
2000	389,588.00	190,456	206,143	265,258	31.42	8,442
2002	552,955.00	253,392	274,263	394,812	31.76	12,431
2007	50,975.95	19,005	20,570	41,111	32.47	1,266
2013	78,973.40	19,511	21,118	74,440	33.09	2,250
2017	52,046.29	7,483	8,099	54,877	33.37	1,645
2019	351,014.63	29,510	31,941	392,787	33.48	11,732
	2,871,615.01	1,311,575	1,419,606	2,055,048		65,203

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -16						
1923	39,961.15	39,462	42,712	3,643	11.15	327
1981	7,945.00	5,363	5,805	3,411	27.24	125
1990	2,269.00	1,340	1,450	1,182	29.42	40
1991	7,002.00	4,061	4,395	3,727	29.64	126
1996	113,475.15	59,183	64,058	67,573	30.69	2,202
2000	1,263,263.56	592,045	640,810	824,575	31.42	26,244
2002	1,895.00	833	902	1,297	31.76	41
2003	90,405.00	38,341	41,499	63,371	31.91	1,986
2005	179,672.00	70,444	76,246	132,173	32.20	4,105
2011	184,066.54	51,609	55,860	157,657	32.91	4,791
2015	92,342.72	17,520	18,963	88,154	33.24	2,652
2016	350,629.78	57,642	62,390	344,341	33.31	10,337
2017	8,376.94	1,155	1,250	8,467	33.37	254
2018	1,007,292.73	110,735	119,856	1,048,604	33.43	31,367
2019	668,863.01	53,908	58,348	717,533	33.48	21,432
2020	98,966.63	4,916	5,321	109,480	33.53	3,265
	4,116,426.21	1,108,557	1,199,866	3,575,188		109,294
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
1956	645.53	612	662	80	11.93	7
1963	843.00	783	847	122	12.41	10
1981	8,757.05	7,481	8,097	1,973	13.47	146
1984	61,012.00	51,050	55,255	14,909	13.61	1,095
1985	24,781.00	20,575	22,270	6,228	13.66	456
1995	50,068.00	37,494	40,582	16,996	14.05	1,210
1998	368,766.00	264,088	285,840	138,240	14.14	9,777
2002	9,423.00	6,257	6,772	4,064	14.23	286
2003	91,603.17	59,404	64,297	41,047	14.26	2,878
2005	159,366.00	98,131	106,214	77,057	14.29	5,392
2006	2,203.00	1,316	1,424	1,109	14.31	77
2017	329,428.66	90,203	97,633	281,210	14.40	19,528
2019	99,758.50	16,961	18,358	96,364	14.41	6,687
	1,206,654.91	654,355	708,253	679,400		47,549

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -7						
1968	1,817.00	1,289	1,395	549	23.76	23
1969	5,129.00	3,608	3,905	1,583	24.03	66
1970	3,000.00	2,092	2,264	946	24.31	39
1976	1,230.00	811	878	438	25.93	17
1996	1,259,032.40	605,699	655,589	691,576	30.69	22,534
1997	870,832.80	408,823	442,497	489,294	30.88	15,845
1998	879,862.00	402,461	435,611	505,842	31.07	16,281
1999	82,082.00	36,527	39,536	48,292	31.25	1,545
2000	23,081.06	9,978	10,800	13,897	31.42	442
2003	286,871.00	112,225	121,469	185,483	31.91	5,813
2004	247,527.00	93,210	100,887	163,966	32.06	5,114
2007	32,352.19	10,666	11,545	23,072	32.47	711
2011	8,614.64	2,228	2,412	6,806	32.91	207
2012	32,404.12	7,750	8,388	26,284	33.00	796
2013	59,769.72	13,058	14,134	49,820	33.09	1,506
2015	217,552.03	38,074	41,210	191,571	33.24	5,763
2017	51,223.81	6,513	7,049	47,760	33.37	1,431
2018	52,691.21	5,343	5,783	50,597	33.43	1,514
2019	96,191.54	7,151	7,740	95,185	33.48	2,843
	4,211,263.52	1,767,506	1,913,091	2,592,961		82,490
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1941	5,173.00	4,582	4,959	886	16.14	55
1945	7,012.00	6,085	6,586	1,337	17.28	77
1958	666.00	536	580	172	20.96	8
1962	1,223.00	959	1,038	344	22.08	16
1992	59,039.00	32,719	35,414	31,300	29.86	1,048
1994	106,554.00	56,657	61,324	59,082	30.29	1,951
1999	1,775,016.00	834,179	902,888	1,102,880	31.25	35,292
2000	962,221.88	439,295	475,479	611,832	31.42	19,473
2001	83,351.00	36,880	39,918	54,269	31.59	1,718
2002	60,360.00	25,831	27,959	40,248	31.76	1,267
2006	454,153.00	165,910	179,576	333,617	32.34	10,316
2010	203,777.27	59,686	64,602	165,666	32.81	5,049
2011	190,730.49	52,095	56,386	159,140	32.91	4,836

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
2013	62,162.24	14,342	15,523	54,720	33.09	1,654
2014	24,272.22	5,058	5,475	21,953	33.17	662
2019	791,983.85	62,181	67,303	827,639	33.48	24,720
2021	1,278,656.44	21,211	22,958	1,421,924	33.57	42,357
	6,066,351.39	1,818,206	1,967,967	4,887,010		150,499
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1919	109,318.41	106,911	115,717	7,813	10.09	774
1981	3,419.00	2,248	2,433	1,430	27.24	52
1984	2,255,861.00	1,426,158	1,543,627	1,005,496	28.00	35,911
1986	3,914.00	2,404	2,602	1,821	28.49	64
1987	3,397.00	2,055	2,224	1,614	28.72	56
1988	5,570.00	3,316	3,589	2,705	28.96	93
1992	135,210.00	74,933	81,105	71,682	29.86	2,401
1994	871,053.19	463,158	501,307	482,983	30.29	15,945
1995	355,387.00	184,835	200,059	201,528	30.49	6,610
1996	1,370,663.00	696,378	753,737	795,112	30.69	25,908
1997	114,630.00	56,832	61,513	68,019	30.88	2,203
1998	12,927.00	6,245	6,759	7,848	31.07	253
1999	527,164.00	247,744	268,150	327,545	31.25	10,481
2001	195,799.00	86,634	93,770	127,483	31.59	4,036
2002	666,584.00	285,267	308,764	444,476	31.76	13,995
2006	72,761.00	26,581	28,770	53,450	32.34	1,653
2007	73,980.66	25,758	27,880	55,719	32.47	1,716
2008	278,559.99	92,052	99,634	215,139	32.59	6,601
2009	716,983.48	223,799	242,233	567,959	32.70	17,369
2010	27,758.74	8,130	8,800	22,568	32.81	688
2013	58,856.16	13,579	14,697	51,810	33.09	1,566
2014	26,793.26	5,583	6,043	24,234	33.17	731
2015	170,386.69	31,491	34,085	158,452	33.24	4,767
2016	832,716.03	133,354	144,338	796,631	33.31	23,916
2017	162,955.96	21,881	23,683	160,457	33.37	4,808
2018	4,916.37	526	569	4,986	33.43	149

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
2019	1,055,602.30	82,878	89,704	1,103,126	33.48	32,949
2020	104,061.18	5,035	5,450	112,139	33.53	3,344
2021	7,236,528.41	120,042	129,930	8,047,348	33.57	239,718
	17,453,756.83	4,435,807	4,801,173	14,921,572		458,757
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
1925	85,402.20	79,298	85,830	8,113	11.69	694
1980	175,990.00	114,043	123,436	70,153	26.98	2,600
1981	37,704.00	24,136	26,124	15,350	27.24	564
1984	181,598.00	111,758	120,963	78,795	28.00	2,814
1985	17,791.00	10,796	11,685	7,885	28.24	279
1987	5,338.00	3,143	3,402	2,470	28.72	86
1989	25,395.00	14,472	15,664	12,270	29.19	420
1991	34,099.00	18,751	20,295	17,213	29.64	581
1992	303,728.00	163,856	177,352	156,748	29.86	5,249
1993	43,420.00	22,953	24,844	22,918	30.08	762
1995	755,243.54	382,369	413,864	416,904	30.49	13,673
1997	1,528,989.00	737,928	798,709	883,179	30.88	28,600
1998	313,939.58	147,627	159,787	185,547	31.07	5,972
2000	125,359.00	55,712	60,301	77,594	31.42	2,470
2001	163,924.00	70,605	76,421	103,896	31.59	3,289
2002	350,510.00	146,020	158,047	227,514	31.76	7,164
2003	149,525.00	60,135	65,088	99,389	31.91	3,115
2004	438,126.00	169,609	183,579	298,359	32.06	9,306
2005	392,607.00	145,967	157,990	273,878	32.20	8,506
2006	7,725.00	2,747	2,973	5,524	32.34	171
2008	110,495.91	35,545	38,473	83,073	32.59	2,549
2009	808,220.32	245,580	265,808	623,235	32.70	19,059
2011	140,811.20	37,439	40,523	114,370	32.91	3,475
2012	75,881.26	18,658	20,195	63,275	33.00	1,917
2013	72,453.91	16,273	17,613	62,086	33.09	1,876
2018	163,936.65	17,090	18,498	161,833	33.43	4,841

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
2019	1,415,165.24	108,158	117,067	1,439,615	33.48	42,999
2020	378,918.12	17,848	19,318	397,492	33.53	11,855
2021	90,081.69	1,455	1,575	97,515	33.57	2,905
	8,392,377.62	2,979,971	3,225,424	6,006,191		187,791
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -108						
1907	232,405.74	437,514	473,551	9,853	7.12	1,384
1974	7,991.30	10,445	11,305	5,317	25.40	209
1980	28,849.00	35,349	38,261	21,745	26.98	806
2002	2,731.00	2,151	2,328	3,352	31.76	106
2006	28,851.00	19,401	20,999	39,011	32.34	1,206
2011	69,551.98	34,968	37,848	106,820	32.91	3,246
2014	8,714.37	3,343	3,618	14,508	33.17	437
2015	34,379.01	11,696	12,659	58,849	33.24	1,770
2017	15,031.61	3,715	4,021	27,245	33.37	816
2018	35,059.29	6,911	7,480	65,443	33.43	1,958
2020	74,004.33	6,591	7,134	146,795	33.53	4,378
2021	14,013.23	428	463	28,684	33.57	854
	551,581.86	572,512	619,668	527,622		17,170
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
1994	988,675.23	553,613	599,213	577,311	30.29	19,059
1996	706,078.00	377,777	408,894	431,339	30.69	14,055
1997	122,257.00	63,832	69,090	76,396	30.88	2,474
1999	98,094.00	48,548	52,547	64,185	31.25	2,054
2001	101,366.00	47,232	51,122	69,503	31.59	2,200
2006	89,692.00	34,506	37,348	69,385	32.34	2,145
2012	25,030.88	6,658	7,206	22,580	33.00	684
	2,131,193.11	1,132,166	1,225,420	1,310,700		42,671

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -8						
1954	74,222.78	63,518	68,750	11,411	14.60	782
1955	1,527.00	1,302	1,409	240	14.72	16
1963	350.00	289	313	65	15.67	4
1972	804.00	636	688	180	16.64	11
1975	108.00	84	91	26	16.94	2
1977	493.00	378	409	123	17.14	7
1989	2,860.00	1,964	2,126	963	18.16	53
1991	8,201.00	5,493	5,945	2,912	18.31	159
1993	1,270.00	828	896	475	18.44	26
1994	3,887.00	2,495	2,701	1,497	18.51	81
2009	3,514.34	1,498	1,621	2,174	19.16	113
2013	13,950.45	4,617	4,997	10,069	19.24	523
2016	811,766.43	194,585	210,612	666,095	19.28	34,548
2017	80,872.33	16,522	17,883	69,459	19.29	3,601
2020	62,188.49	4,841	5,240	61,924	19.31	3,207
	1,066,014.82	299,050	323,682	827,614		43,133
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -17						
1952	66,441.53	62,007	67,114	10,622	14.35	740
1955	34.00	31	34	6	14.72	
1957	923.00	847	917	163	14.96	11
1971	638.00	550	595	151	16.54	9
1977	493.00	409	443	134	17.14	8
1994	82.00	57	62	34	18.51	2
2000	26,494.00	16,470	17,827	13,171	18.84	699
2008	3,513.93	1,699	1,839	2,272	19.14	119
2013	9,546.07	3,422	3,704	7,465	19.24	388
2014	531,686.35	174,348	188,709	433,364	19.26	22,501
2016	80,683.72	20,952	22,678	71,722	19.28	3,720
2018	153,836.99	27,630	29,906	150,083	19.30	7,776
2020	196,732.28	16,591	17,958	212,219	19.31	10,990
2021	7,449.61	220	238	8,478	19.32	439
	1,078,554.48	325,233	352,022	909,887		47,402

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1942	352,390.03	317,286	343,420	44,209	13.30	3,324
1943	6,397.00	5,743	6,216	821	13.45	61
1948	146.00	129	140	21	14.16	1
1950	1,563.00	1,373	1,486	233	14.44	16
1955	4,397.03	3,796	4,109	728	15.11	48
1965	2,561.00	2,122	2,297	520	16.36	32
1966	1,383.00	1,140	1,234	287	16.48	17
1968	1,888.00	1,541	1,668	409	16.71	24
1981	4,673.00	3,499	3,787	1,353	18.09	75
1982	3,368.00	2,500	2,706	999	18.19	55
1984	2,762.00	2,013	2,179	859	18.37	47
1985	3,933.00	2,839	3,073	1,253	18.46	68
1986	3,277.00	2,341	2,534	1,071	18.55	58
1992	20,217.00	13,422	14,528	7,711	19.03	405
1994	3,451.00	2,224	2,407	1,389	19.17	72
2000	2,846.00	1,636	1,771	1,360	19.53	70
2001	10,983.00	6,160	6,667	5,414	19.59	276
2004	9,100.00	4,698	5,085	4,925	19.72	250
2006	59,510.00	28,702	31,066	34,395	19.80	1,737
2008	8,652.05	3,848	4,165	5,352	19.86	269
2010	38,404.67	15,454	16,727	25,518	19.92	1,281
2011	9,305.61	3,529	3,820	6,416	19.94	322
2012	22,328.31	7,920	8,572	15,989	19.96	801
2013	11,187.88	3,673	3,976	8,331	19.98	417
2014	412,198.02	123,661	133,847	319,571	20.00	15,979
2015	366,112.69	98,744	106,877	295,847	20.01	14,785
2016	710,245.35	168,379	182,248	599,022	20.02	29,921
2017	488,570.78	98,548	106,665	430,763	20.04	21,495
2021	47,582.92	1,273	1,378	50,963	20.06	2,541
	2,609,433.34	928,193	1,004,646	1,865,731		94,447
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
1949	10,354.00	17,654	19,108	1,082	8.65	125
1950	403.00	686	743	43	8.69	5

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
1961	31.00	52	56	4	9.12	
2001	3,750.00	4,897	5,300	2,012	10.08	200
2002	19,924.00	25,581	27,688	11,164	10.09	1,106
2015	77,751.15	59,154	64,027	87,588	10.16	8,621
	112,213.15	108,024	116,922	101,894		10,057
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -11						
1955	103,647.00	90,851	98,334	16,714	14.72	1,135
1956	957.00	836	905	157	14.84	11
1972	804.00	653	707	186	16.64	11
1986	438.00	320	346	140	17.93	8
1993	613.00	411	445	236	18.44	13
2006	46,231.00	22,977	24,870	26,447	19.08	1,386
2009	7,027.68	3,078	3,332	4,469	19.16	233
2013	8,238.53	2,802	3,033	6,112	19.24	318
2014	96,781.16	30,109	32,589	74,838	19.26	3,886
2015	91,140.60	25,517	27,619	73,547	19.27	3,817
	355,877.97	177,554	192,179	202,846		10,818
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1941	544,846.87	610,844	661,157	79,834	12.88	6,198
1942	5,103.00	5,705	6,175	765	13.02	59
1947	11,504.00	12,677	13,721	1,924	13.70	140
1949	104.00	114	123	18	13.96	1
1951	1,383.00	1,505	1,629	252	14.22	18
1953	1,536.00	1,661	1,798	291	14.47	20
1955	10,535.00	11,314	12,246	2,082	14.72	141
1956	1,812.00	1,939	2,099	366	14.84	25
1964	329.00	341	369	78	15.78	5
1965	488.00	504	546	118	15.89	7

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1968	1,052.00	1,070	1,158	273	16.22	17
1970	3,966.00	3,993	4,322	1,072	16.43	65
1975	54.00	53	57	16	16.94	1
1977	650.00	627	679	205	17.14	12
1979	14,176.55	13,479	14,589	4,691	17.32	271
1981	1,540.00	1,441	1,560	535	17.51	31
1987	16,386.00	14,495	15,689	6,596	18.01	366
1988	13,539.00	11,845	12,821	5,592	18.09	309
1989	3,340.00	2,889	3,127	1,415	18.16	78
1992	8,294.00	6,902	7,470	3,809	18.38	207
2002	140,187.00	96,521	104,471	86,183	18.93	4,553
2003	165,011.00	110,587	119,696	104,719	18.97	5,520
2006	7,886.35	4,802	5,198	5,528	19.08	290
2009	3,514.34	1,886	2,041	2,738	19.16	143
2012	26,930.00	12,102	13,099	23,526	19.23	1,223
2013	348,407.65	145,192	157,151	316,683	19.24	16,460
2015	2,126,989.25	729,627	789,724	2,102,981	19.27	109,132
2016	41,851.02	12,633	13,674	43,244	19.28	2,243
2017	10,516.13	2,705	2,928	11,374	19.29	590
2018	98,833.06	20,634	22,334	112,079	19.30	5,807
2020	412,286.75	40,416	43,745	516,965	19.31	26,772
2021	555,370.17	19,056	20,626	734,678	19.32	38,027
	4,578,421.14	1,899,559	2,056,020	4,170,633		218,731
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
1951	72,521.27	89,961	97,371	15,037	14.22	1,057
1955	157.00	192	208	36	14.72	2
1972	805.00	913	988	260	16.64	16
1977	493.00	542	587	178	17.14	10
1993	865.00	809	876	465	18.44	25
1996	10,196.00	9,089	9,838	5,966	18.63	320
2009	3,514.34	2,150	2,327	3,120	19.16	163
2013	1,088,690.47	517,075	559,665	1,127,805	19.24	58,618
2014	1,103,572.85	479,412	518,900	1,191,638	19.26	61,871

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
2015	6,324.75	2,473	2,677	7,127	19.27	370
2016	89,666.53	30,847	33,388	105,595	19.28	5,477
2018	24,627.80	5,860	6,343	31,830	19.30	1,649
	2,401,434.01	1,139,323	1,233,166	2,489,057		129,578
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -25						
2007	27,830.67	14,682	15,891	18,897	19.83	953
	27,830.67	14,682	15,891	18,897		953
	455,598,320.16	175,063,818	189,483,384	302,895,167		9,568,570
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					31.7	2.10

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
1963	15,632,967.39	10,714,373	12,841,127	3,417,159	28.81	118,610
1990	58,826.00	29,967	35,915	25,264	32.62	774
1999	35,960.00	15,076	18,069	19,330	33.24	582
2000	3,811,814.45	1,553,842	1,862,273	2,102,014	33.29	63,143
2001	168,032.00	66,511	79,713	95,040	33.33	2,851
2002	3,247.00	1,244	1,491	1,886	33.38	57
2010	38,301.76	10,142	12,155	27,679	33.64	823
2012	73,120.40	16,731	20,052	55,993	33.68	1,662
2013	151,187.42	31,670	37,956	119,279	33.70	3,539
2014	100,859.66	19,090	22,879	82,015	33.71	2,433
2015	2,647,317.20	444,836	533,134	2,220,076	33.73	65,819
2016	6,417,596.31	935,470	1,121,157	5,553,144	33.74	164,586
2017	3,082,711.20	377,188	452,058	2,753,962	33.75	81,599
2018	3,743,991.51	365,740	438,338	3,455,413	33.76	102,352
2019	1,856,090.31	133,058	159,469	1,770,865	33.77	52,439
2020	400,886.85	17,728	21,247	395,675	33.78	11,713
2021	630,298.83	9,557	11,454	644,057	33.79	19,061
	38,853,208.29	14,742,223	17,668,487	22,738,850		692,043
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
1991	449,942,711.52	203,482,542	243,872,904	246,564,652	42.73	5,770,294
1995	713,230.00	294,098	352,475	424,946	43.37	9,798
1998	128,354.00	48,787	58,471	81,435	43.78	1,860
1999	3,994,634.00	1,473,271	1,765,709	2,588,442	43.90	58,962
2002	31,099.00	10,359	12,415	21,483	44.24	486
2010	31,974.60	7,106	8,517	26,336	44.90	587
2011	25,047.13	5,169	6,195	21,106	44.96	469
2012	92,229.48	17,517	20,994	79,536	45.02	1,767
2013	14,758.72	2,553	3,060	13,027	45.07	289
2014	42,856.23	6,658	7,980	38,734	45.12	858
2015	62,304.37	8,545	10,241	57,671	45.16	1,277

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
2016	513,349.05	60,700	72,749	486,802	45.20	10,770
2018	93,544.18	7,316	8,768	93,195	45.28	2,058
2020	68,074.70	2,376	2,848	71,354	45.34	1,574
	455,754,166.98	205,426,997	246,203,324	250,568,718		5,861,049
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1973	46,415,623.32	31,500,868	37,753,648	9,126,132	23.18	393,707
1975	378,987.00	253,280	303,555	79,222	23.34	3,394
1998	34,011.51	16,828	20,168	14,183	24.43	581
1999	14,379.00	6,955	8,336	6,187	24.45	253
2000	132,335.00	62,480	74,882	58,776	24.47	2,402
2001	17,926.00	8,245	9,882	8,224	24.49	336
2003	77,726.00	33,730	40,425	38,078	24.53	1,552
2005	16,770.00	6,804	8,155	8,783	24.56	358
2010	138,006.16	44,390	53,201	86,185	24.61	3,502
2011	8,000.00	2,416	2,896	5,184	24.62	211
2012	15,607.20	4,389	5,260	10,503	24.62	427
2014	77,720.55	18,317	21,953	56,545	24.64	2,295
2016	5,014.49	924	1,107	3,957	24.64	161
2017	127,237.67	19,838	23,776	104,734	24.65	4,249
2018	3,079,210.36	386,667	463,419	2,646,584	24.65	107,366
2019	2,195,124.60	204,148	244,670	1,972,405	24.65	80,016
2020	2,850,130.70	165,061	197,825	2,680,807	24.66	108,711
2021	5,870,145.11	117,806	141,190	5,787,657	24.66	234,698
	61,453,954.67	32,853,146	39,374,347	22,694,147		944,219
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1971	16,548,914.83	11,617,451	13,923,462	3,121,920	23.02	135,618
1973	8,415.00	5,824	6,980	1,687	23.18	73
1974	28,379.00	19,494	23,363	5,867	23.26	252

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1980	31,901.00	20,826	24,960	7,898	23.68	334
2004	268,894.00	115,252	138,129	138,832	24.54	5,657
2005	98,318.00	40,680	48,755	52,513	24.56	2,138
2008	69,044.08	25,205	30,208	40,907	24.59	1,664
2011	173,990.26	53,578	64,213	114,997	24.62	4,671
2019	753,152.83	71,431	85,610	690,138	24.65	27,997
	17,981,009.00	11,969,741	14,345,680	4,174,759		178,404
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1916	398,762.39	367,213	440,103	10,498	18.33	573
1926	1,277,000.00	1,139,516	1,365,705	77,305	20.59	3,754
1938	7,618.72	6,500	7,790	819	23.37	35
1947	8,700.00	7,126	8,540	1,291	25.43	51
1951	492.00	395	473	83	26.32	3
1985	1,232,269.00	737,115	883,429	509,035	32.14	15,838
1999	1,591,861.55	725,134	869,070	929,734	33.24	27,970
2004	5,406,218.00	2,096,312	2,512,420	3,596,606	33.46	107,490
2007	5,054,557.00	1,722,405	2,064,294	3,647,355	33.56	108,682
2011	27,528.50	7,396	8,864	22,243	33.66	661
2012	57,435.22	14,279	17,113	47,788	33.68	1,419
2014	61,880.00	12,726	15,252	54,672	33.71	1,622
2019	566,915.96	44,158	52,923	587,692	33.77	17,403
2021	7,789,857.10	128,341	153,816	8,648,722	33.79	255,955
	23,481,095.44	7,008,616	8,399,794	18,133,844		541,456
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
1909	585,086.00	554,389	664,433	2,565	16.80	153
1927	871,114.09	781,556	936,691	56,379	20.82	2,708
1987	349,841.00	205,013	245,707	153,112	32.35	4,733
1998	604,209.00	285,224	341,840	346,959	33.18	10,457

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
2000	931,881.00	416,396	499,049	563,296	33.29	16,921
2002	2,770,109.00	1,163,758	1,394,759	1,763,166	33.38	52,821
2012	12,019.63	3,015	3,613	10,089	33.68	300
2013	385,373.54	88,489	106,054	333,272	33.70	9,889
2014	2,579,656.90	535,198	641,432	2,299,377	33.71	68,211
2015	282,320.61	52,001	62,323	259,523	33.73	7,694
2016	211,588.32	33,808	40,519	200,692	33.74	5,948
2018	2,434,401.01	260,676	312,419	2,462,798	33.76	72,950
	12,017,600.10	4,379,523	5,248,838	8,451,226		252,785
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -3						
1919	3,962,992.92	3,296,733	3,951,120	130,763	19.00	6,882
1927	433,468.00	351,378	421,125	25,347	20.82	1,217
1942	391,375.00	299,161	358,543	44,573	24.29	1,835
1954	11,199.00	8,054	9,653	1,882	26.97	70
1966	22,523.00	14,952	17,920	5,279	29.37	180
1974	18,334.00	11,357	13,611	5,273	30.72	172
1976	28,354.00	17,219	20,637	8,568	31.01	276
2008	26,706,815.00	7,881,873	9,446,389	18,061,630	33.59	537,709
2009	57,909,351.21	16,169,605	19,379,198	40,267,433	33.61	1,198,079
2011	14,089,701.44	3,450,612	4,135,543	10,376,850	33.66	308,284
2012	1,825,349.03	413,643	495,749	1,384,360	33.68	41,103
2019	95,320,828.49	6,767,579	8,110,913	90,069,541	33.77	2,667,147
	200,720,291.09	38,682,166	46,360,401	160,381,499		4,762,954
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
1915	1,096,809.16	1,084,684	1,299,989	27,150	18.11	1,499
1981	138,948.35	93,760	112,371	55,757	31.68	1,760
1982	12,217.00	8,143	9,759	5,023	31.80	158
1995	1,182,138.69	635,865	762,081	668,306	33.00	20,252

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
1996	579,437.00	304,832	365,340	335,779	33.06	10,157
2000	2,289,115.00	1,085,662	1,301,161	1,468,668	33.29	44,117
2002	12,059.00	5,377	6,444	8,147	33.38	244
2016	19,346.85	3,281	3,932	19,477	33.74	577
2017	250,372.36	35,642	42,717	260,234	33.75	7,711
	5,580,443.41	3,257,246	3,903,795	2,848,542		86,475
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -16						
1923	2,540,623.75	2,350,331	2,816,861	130,263	19.91	6,543
1982	6,235.00	3,984	4,775	2,458	31.80	77
1998	274,163.00	131,693	157,833	160,196	33.18	4,828
2000	175,224.00	79,670	95,484	107,776	33.29	3,237
2002	1,712,416.00	732,029	877,333	1,109,069	33.38	33,226
2003	559,969.00	231,290	277,200	372,364	33.42	11,142
2019	2,910,345.39	232,708	278,899	3,097,101	33.77	91,712
2020	6,405,144.51	315,922	378,631	7,051,337	33.78	208,743
	14,584,120.65	4,077,627	4,887,017	12,030,563		359,508
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
1910	969,481.62	990,503	1,114,904			
1935	74,655.00	73,906	85,853			
1954	15,012.00	14,290	17,264			
1955	2,523.00	2,395	2,897	4	13.40	
1958	2,894.00	2,724	3,295	33	13.52	2
1959	43,674.00	40,983	49,578	647	13.56	48
1961	4,393.00	4,097	4,956	96	13.63	7
1984	80,475.27	66,993	81,043	11,504	14.22	809
1990	891,114.01	704,117	851,786	172,995	14.30	12,098
2004	260,283.00	164,258	198,707	100,619	14.39	6,992
2005	5,372,398.00	3,298,139	3,989,833	2,188,425	14.40	151,974

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
2006	3,495,144.00	2,083,625	2,520,608	1,498,808	14.40	104,084
2017	365,858.16	100,123	121,121	299,616	14.41	20,792
2019	825,383.22	140,243	169,655	779,536	14.42	54,059
2020	501,879.74	54,380	65,785	511,377	14.42	35,463
	12,905,168.02	7,740,776	9,277,285	5,563,658		386,328
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -7						
1928	1,846,521.58	1,549,563	1,857,144	118,634	21.05	5,636
1974	4,355.00	2,802	3,358	1,302	30.72	42
1998	1,335,337.88	591,657	709,098	719,713	33.18	21,691
1999	3,634,788.62	1,567,824	1,879,030	2,010,194	33.24	60,475
2003	9,883.00	3,765	4,512	6,062	33.42	181
2004	12,885,495.00	4,731,174	5,670,291	8,117,189	33.46	242,594
2013	258,797.62	55,776	66,847	210,066	33.70	6,233
2015	30,000.00	5,186	6,215	25,885	33.73	767
2016	979,326.34	146,871	176,024	871,855	33.74	25,840
2017	8,154,013.38	1,026,472	1,230,222	7,494,572	33.75	222,061
2018	3,957,447.10	397,744	476,694	3,757,774	33.76	111,308
2019	1,856,447.92	136,923	164,102	1,822,298	33.77	53,962
2020	1,251,430.89	56,936	68,238	1,270,794	33.78	37,620
	36,203,844.33	10,272,693	12,311,776	26,426,337		788,410
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1925	1,126,990.00	1,009,057	1,209,350	64,148	20.36	3,151
1941	4,856.00	4,090	4,902	585	24.06	24
1948	182.00	148	177	28	25.65	1
1969	8,840.00	6,285	7,533	2,457	29.90	82
1974	2,905.00	1,974	2,366	917	30.72	30
1982	5,935.00	3,694	4,427	2,279	31.80	72
1999	33,119.00	15,087	18,082	19,343	33.24	582

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
2000	1,178,870.00	522,139	625,781	706,342	33.29	21,218
2001	4,995,219.00	2,148,334	2,574,769	3,069,829	33.33	92,104
2013	69,192.96	15,749	18,875	59,313	33.70	1,760
2016	120,427.94	19,073	22,859	113,225	33.74	3,356
2019	259,631.43	20,223	24,237	269,146	33.77	7,970
2020	3,102,461.40	149,066	178,655	3,327,126	33.78	98,494
	10,908,629.73	3,914,919	4,692,013	7,634,739		228,844
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1919	2,490,958.00	2,273,359	2,724,610	90,172	19.00	4,746
1987	2,034,196.00	1,181,617	1,416,163	882,479	32.35	27,279
1988	820,098.00	469,138	562,260	364,451	32.44	11,235
1990	850,554.00	470,788	564,237	396,889	32.62	12,167
1993	27,123.00	14,203	17,022	13,627	32.86	415
1996	117,315.00	57,637	69,078	63,488	33.06	1,920
1997	215,565.00	103,428	123,958	119,630	33.12	3,612
1999	79,749.00	36,328	43,539	46,577	33.24	1,401
2001	5,153.00	2,216	2,656	3,167	33.33	95
2002	6,658,067.00	2,772,603	3,322,952	4,200,664	33.38	125,844
2016	328,354.75	52,005	62,328	308,713	33.74	9,150
2017	1,234,589.87	164,132	196,711	1,198,375	33.75	35,507
2020	157,572.88	7,571	9,074	168,984	33.78	5,002
	15,019,295.50	7,605,025	9,114,588	7,857,216		238,373
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
1925	2,863,324.72	2,495,631	2,991,002	158,655	20.36	7,792
1998	1,040,383.00	473,893	567,959	576,463	33.18	17,374
1999	916,715.71	406,501	487,190	521,198	33.24	15,680
2000	252,559.00	108,892	130,507	147,308	33.29	4,425
2001	52,611.00	22,026	26,398	31,474	33.33	944

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
2002	164,946.00	66,864	80,136	101,304	33.38	3,035
2005	6,975,803.00	2,531,679	3,034,206	4,639,178	33.49	138,524
2015	698,828.50	124,201	148,854	619,857	33.73	18,377
2017	2,766,687.69	358,051	429,122	2,614,234	33.75	77,459
2018	4,363,474.62	450,847	540,338	4,259,484	33.76	126,170
2019	5,991,417.62	454,287	544,461	6,046,098	33.77	179,038
2020	3,614,483.46	169,057	202,614	3,773,318	33.78	111,703
	29,701,234.32	7,661,929	9,182,787	23,488,571		700,521
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -108						
1907	853,426.00	1,483,366	1,775,126			
1985	1,202,700.00	1,324,255	1,588,854	912,762	32.14	28,400
1993	218,245.00	210,369	252,403	201,547	32.86	6,134
1997	157,091.00	138,738	166,459	160,290	33.12	4,840
1999	437,735.00	367,036	440,373	470,116	33.24	14,143
	2,869,197.00	3,523,764	4,223,215	1,744,715		53,517
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
1923	425,226.00	403,550	483,653	22,366	19.91	1,123
1997	842,162.84	425,523	509,988	492,186	33.12	14,861
2011	10,812.37	3,059	3,666	9,201	33.66	273
2016	228,004.44	38,029	45,578	225,748	33.74	6,691
2019	888,072.96	72,846	87,306	969,501	33.77	28,709
	2,394,278.61	943,007	1,130,190	1,719,002		51,657

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -8						
1954	1,487,407.62	1,262,582	1,513,199	93,201	17.33	5,378
1955	4,733.00	4,004	4,799	313	17.40	18
1956	925.00	780	935	64	17.48	4
1958	747.00	625	749	58	17.62	3
1959	107.00	89	107	9	17.69	1
1967	121.00	97	116	14	18.20	1
1987	199.00	138	165	50	19.01	3
1989	510,732.00	347,132	416,036	135,554	19.06	7,112
2017	1,032,822.38	210,641	252,452	862,996	19.33	44,645
2018	4,983,425.13	825,130	988,915	4,393,184	19.33	227,273
	8,021,219.13	2,651,218	3,177,473	5,485,444		284,438
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -17						
1952	794,540.15	735,537	881,538	48,074	17.18	2,798
1953	138.00	127	152	9	17.25	1
1954	2,944.00	2,707	3,244	200	17.33	12
1955	617.00	565	677	45	17.40	3
1958	963.00	873	1,046	80	17.62	5
1959	107.00	97	116	9	17.69	1
1962	194.00	173	207	20	17.89	1
1964	50.00	44	53	6	18.02	
1995	1,042,333.00	706,803	847,100	372,429	19.18	19,418
2019	3,752,000.79	502,725	602,514	3,787,327	19.33	195,930
	5,593,886.94	1,949,651	2,336,648	4,208,200		218,169
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1942	6,800,864.23	6,057,625	7,260,036	220,914	16.84	13,118
1949	836,355.00	729,994	874,895	45,096	17.48	2,580
1950	3,935.00	3,423	4,102	226	17.57	13
1955	271,757.00	232,375	278,500	20,432	17.99	1,136

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1958	2,205.00	1,864	2,234	192	18.22	11
1962	18.00	15	18	2	18.51	
1972	429.00	338	405	67	19.13	4
1974	2,285.00	1,780	2,133	380	19.23	20
1975	294,174.00	227,669	272,860	50,731	19.28	2,631
1977	1,253.00	956	1,146	233	19.37	12
1981	1,500.00	1,109	1,329	321	19.54	16
1986	38,997.00	27,529	32,993	9,903	19.70	503
1988	27,257.00	18,823	22,559	7,423	19.76	376
1994	30,923.00	19,718	23,632	10,383	19.89	522
1999	1,655,709.00	964,277	1,155,682	665,598	19.97	33,330
2000	66,959.00	38,160	45,735	27,920	19.98	1,397
2010	8,766.16	3,514	4,212	5,431	20.06	271
2011	52,232.26	19,741	23,659	33,796	20.06	1,685
2012	4,472.27	1,581	1,895	3,025	20.06	151
2013	153.51	50	60	109	20.07	5
2014	705,297.90	211,048	252,940	522,888	20.07	26,053
2015	4,586.06	1,234	1,479	3,566	20.07	178
2016	2,220.52	525	629	1,813	20.07	90
2017	138,858.82	27,965	33,516	119,229	20.08	5,938
2018	2,726,816.93	445,216	533,589	2,465,909	20.08	122,804
2019	849,963.77	103,519	124,067	810,893	20.08	40,383
2020	1,490,319.26	113,951	136,570	1,502,781	20.08	74,840
	16,018,307.69	9,253,999	11,090,876	6,529,262		328,067
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
1949	328,155.16	561,604	639,903			
1952	5,516.00	9,391	10,756			
1972	5,373.00	8,701	10,477			
2002	79,688.00	102,196	131,918	23,473	10.15	2,313
2015	344,531.53	261,962	338,150	333,686	10.17	32,811
	763,263.69	943,854	1,131,205	357,159		35,124

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -11						
1955	2,886,238.74	2,509,446	3,007,559	196,166	17.40	11,274
1956	115.00	100	120	8	17.48	
1958	852.00	733	878	67	17.62	4
1967	687.00	568	681	82	18.20	5
1987	916.00	654	784	233	19.01	12
1988	195,024.00	137,787	165,137	51,340	19.04	2,696
1989	48,761.00	34,062	40,823	13,302	19.06	698
2013	1,290,813.24	437,779	524,676	908,127	19.32	47,005
2019	7,767,925.98	987,437	1,183,439	7,438,959	19.33	384,840
	12,191,332.96	4,108,566	4,924,097	8,608,283		446,534
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1941	4,759,336.22	5,286,058	6,335,317	137,380	16.25	8,454
1942	58,486.00	64,793	77,654	1,887	16.34	115
2001	15,377.00	10,780	12,920	7,993	19.25	415
2020	1,781,346.94	174,454	209,082	2,213,550	19.33	114,514
	6,614,546.16	5,536,085	6,634,973	2,360,810		123,498
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
1950	343,712.76	424,254	508,466	24,289	17.02	1,427
1951	288,587.00	355,088	425,571	21,739	17.10	1,271
1954	1,542.00	1,879	2,252	138	17.33	8
1957	319.00	384	460	34	17.55	2
1993	185.00	171	205	82	19.14	4
2020	1,394,568.49	155,655	186,552	1,975,029	19.33	102,174
	2,028,914.25	937,431	1,123,506	2,021,311		104,886

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -25						
1998	322,422.00	217,848	261,090	141,937	19.95	7,115
2002	2,146.00	1,324	1,587	1,096	20.00	55
	324,568.00	219,172	262,677	143,033		7,170
	991,983,575.96	389,659,374	467,004,992	606,169,888		17,674,429
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					34.3	1.78

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
1963	7,818,679.65	5,385,525	4,591,872	3,539,555	19.62	180,405
1976	160,582.00	103,847	88,543	78,462	21.14	3,712
1990	15,879.00	8,858	7,553	8,962	24.03	373
1993	186,015.00	98,332	83,841	109,615	24.91	4,400
2001	8,347,554.69	3,588,393	3,059,579	5,621,878	27.52	204,283
2005	9,670.05	3,574	3,047	7,010	28.79	243
2006	81,095.00	28,655	24,432	59,907	29.09	2,059
2008	36,196.44	11,549	9,847	27,797	29.67	937
2009	47,041.63	14,172	12,084	36,840	29.94	1,230
2010	103,767.38	29,321	25,000	82,918	30.21	2,745
2011	43,665.79	11,489	9,796	35,617	30.47	1,169
2012	73,327.92	17,824	15,197	61,064	30.72	1,988
2013	58,852.43	13,062	11,137	50,069	30.96	1,617
2014	27,493.66	5,500	4,689	23,904	31.20	766
2015	6,355.17	1,126	960	5,649	31.42	180
2016	12,530,567.59	1,921,407	1,638,253	11,393,537	31.63	360,213
2017	17,107,404.49	2,199,410	1,875,288	15,916,413	31.83	500,044
2018	115,536.93	11,840	10,095	110,063	32.02	3,437
2019	19,576,131.60	1,466,879	1,250,708	19,108,469	32.20	593,431
2020	280,208.78	12,907	11,005	280,412	32.37	8,663
2021	1,861,061.87	29,304	24,986	1,910,519	32.53	58,731
	68,487,087.07	14,962,974	12,757,912	58,468,659		1,930,626
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
1991	161,832,680.42	85,462,884	72,868,397	103,529,224	28.42	3,642,830
1998	234,266.00	104,150	88,802	166,548	31.46	5,294
1999	1,370,555.46	590,212	503,234	990,672	31.94	31,017
2005	958,712.00	325,798	277,786	767,210	34.79	22,053
2006	953,797.00	308,388	262,942	776,697	35.26	22,028
2007	566,264.00	173,497	147,929	469,299	35.73	13,135
2008	88,309.94	25,545	21,780	74,477	36.18	2,059
2009	36,614.00	9,939	8,474	31,435	36.64	858
2010	861.57	218	186	753	37.09	20
2011	4,537.85	1,064	907	4,039	37.53	108
2012	14,816.63	3,186	2,716	13,434	37.97	354

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
2013	2,673.87	522	445	2,469	38.40	64
2014	644,542.31	112,738	96,124	606,427	38.82	15,622
2015	1,774,667.46	272,710	232,521	1,701,866	39.24	43,371
2016	815,853.83	107,834	91,943	797,338	39.64	20,114
2017	583,992.81	64,056	54,616	581,936	40.04	14,534
2018	10,391,595.63	900,257	767,588	10,559,251	40.42	261,238
2019	180,321.63	11,308	9,642	186,909	40.79	4,582
2020	46,355,913.28	1,777,573	1,515,616	49,012,330	41.14	1,191,355
2021	51,667,592.79	670,744	571,898	55,745,778	41.48	1,343,919
	278,478,568.48	90,922,623	77,523,546	226,018,094		6,634,555
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1973	7,697,424.18	5,303,073	4,521,570	3,252,828	17.28	188,242
1975	2,603,012.13	1,775,497	1,513,846	1,115,197	17.46	63,872
1977	154,886.95	104,457	89,063	67,372	17.66	3,815
1991	61,986.00	36,519	31,137	31,469	19.73	1,595
1993	3,571,674.00	2,038,320	1,737,937	1,869,454	20.13	92,869
1994	2,941,011.34	1,649,861	1,406,724	1,563,697	20.33	76,916
1995	4,786,019.00	2,634,803	2,246,518	2,587,362	20.54	125,967
2000	1,877,075.00	922,215	786,310	1,109,536	21.59	51,391
2006	207,141.86	83,574	71,258	137,955	22.67	6,085
2007	21,863,791.39	8,445,867	7,201,217	14,881,212	22.83	651,827
2011	19,645,860.68	6,094,370	5,196,255	14,646,064	23.37	626,704
2014	498,850.13	120,337	102,603	401,235	23.71	16,923
2015	299,025.68	64,453	54,955	247,061	23.81	10,376
2016	1,299,665.56	244,838	208,757	1,103,905	23.90	46,188
2017	1,625,325.62	258,893	220,740	1,420,838	23.98	59,251
2018	570,669.45	73,200	62,413	513,963	24.06	21,362
2019	200,295.15	18,984	16,186	186,112	24.14	7,710
2020	186,466.83	10,987	9,368	178,964	24.21	7,392
2021	1,329,926.19	27,120	23,123	1,320,102	24.27	54,392
	71,420,107.14	29,907,368	25,499,982	46,634,326		2,112,877

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1999	211,958.73	109,006	92,942	125,375	21.38	5,864
2000	202,992.00	101,706	86,718	122,364	21.59	5,668
2004	20,726,417.00	9,194,247	7,839,310	13,508,900	22.34	604,696
2005	11,721,777.00	5,014,337	4,275,385	7,798,046	22.51	346,426
2010	345,890.62	116,592	99,410	256,857	23.25	11,048
2012	488,764.60	143,769	122,582	380,845	23.49	16,213
2014	35,752,927.32	8,795,406	7,499,245	29,326,270	23.71	1,236,873
2018	5,110,911.13	668,558	570,034	4,694,204	24.06	195,104
2019	63,788,749.42	6,165,514	5,256,915	60,445,497	24.14	2,503,956
2020	35,583,829.16	2,138,239	1,823,131	34,828,213	24.21	1,438,588
	173,934,216.98	32,447,374	27,665,672	151,486,571		6,364,436
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1916	11,428.72	10,307	8,788	4,126	12.11	341
1956	2,912.00	2,237	1,907	1,383	18.84	73
1987	4,418.00	2,798	2,386	2,607	23.24	112
1988	33,180.00	20,730	17,675	19,818	23.49	844
1990	192,454.00	116,646	99,456	118,017	24.03	4,911
1992	2,045,849.00	1,198,003	1,021,456	1,290,354	24.60	52,453
1997	5,760,893.19	3,023,286	2,577,751	3,932,059	26.19	150,136
1998	3,042,652.46	1,555,475	1,326,248	2,111,949	26.52	79,636
1999	3,510,625.00	1,744,372	1,487,308	2,479,699	26.86	92,319
2000	4,188,098.41	2,019,522	1,721,909	3,010,642	27.19	110,726
2002	2,423,080.00	1,093,589	932,429	1,805,651	27.85	64,835
2014	20,562.29	4,469	3,810	19,425	31.20	623
2015	303,117.04	58,338	49,741	292,781	31.42	9,318
2016	374,238.89	62,351	53,162	369,727	31.63	11,689
2017	198,687.14	27,755	23,665	200,852	31.83	6,310
2018	289,795.47	32,269	27,514	299,955	32.02	9,368
	22,401,991.61	10,972,147	9,355,205	15,959,046		593,694

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
1927	266,709.30	231,904	197,729	106,320	14.22	7,477
1984	29,918.00	19,819	16,898	17,208	22.55	763
1985	12,119.00	7,938	6,768	7,047	22.77	309
1993	105,672.00	61,232	52,208	68,258	24.91	2,740
1999	3,397,272.20	1,702,987	1,452,021	2,420,869	26.86	90,129
2000	4,043,062.64	1,966,838	1,676,989	2,932,102	27.19	107,838
2001	1,399,761.00	659,578	562,377	1,033,350	27.52	37,549
2002	2,630,358.00	1,197,644	1,021,150	1,977,458	27.85	71,004
2003	30,049.00	13,195	11,250	23,005	28.17	817
2017	15,216.27	2,144	1,828	15,519	31.83	488
2018	54,546.56	6,128	5,225	56,958	32.02	1,779
2021	4,804,233.12	82,919	70,699	5,406,126	32.53	166,189
	16,788,917.09	5,952,326	5,075,144	14,064,221		487,082
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -3						
2011	20,778,811.22	5,414,750	4,616,789	16,785,386	30.47	550,882
2020	1,564.89	71	61	1,551	32.37	48
	20,780,376.11	5,414,821	4,616,850	16,786,937		550,930
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
1915	77,702.24	75,338	64,236	29,784	11.92	2,499
1983	33,063.00	23,492	20,030	19,976	22.34	894
1993	736,479.00	452,957	386,206	504,934	24.91	20,270
1994	1,576,088.88	949,739	809,778	1,097,290	25.22	43,509
1995	3,669,278.40	2,163,306	1,844,504	2,595,323	25.54	101,618
1996	1,614,421.75	930,018	792,963	1,160,487	25.86	44,876
2009	26,969.50	9,453	8,060	24,573	29.94	821
2012	70,298.85	19,881	16,951	68,110	30.72	2,217
2013	1,016,499.55	262,487	223,805	1,006,160	30.96	32,499
2014	9,752.93	2,270	1,935	9,866	31.20	316

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
2015	1,696,041.53	349,532	298,022	1,754,188	31.42	55,830
2016	98,556.22	17,583	14,992	104,261	31.63	3,296
2021	26,988.77	494	421	32,235	32.53	991
	10,652,140.62	5,256,550	4,481,903	8,407,187		309,636
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -16						
1923	439,656.00	395,516	337,230	172,771	13.46	12,836
1983	46,999.00	32,014	27,296	27,223	22.34	1,219
1988	3,476.00	2,229	1,901	2,132	23.49	91
1990	52,459.00	32,639	27,829	33,023	24.03	1,374
2002	42,515.00	19,697	16,794	32,523	27.85	1,168
2003	4,590,375.00	2,051,126	1,748,856	3,575,979	28.17	126,943
2005	10,038,734.36	4,138,027	3,528,214	8,116,717	28.79	281,928
2006	860,261.00	339,047	289,082	708,820	29.09	24,366
2008	73,263.45	26,072	22,230	62,756	29.67	2,115
2010	59,402.44	18,722	15,963	52,944	30.21	1,753
2015	71,914.05	14,208	12,114	71,306	31.42	2,269
2018	27,496.31	3,143	2,680	29,216	32.02	912
	16,306,551.61	7,072,440	6,030,189	12,885,411		456,974
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
1956	191.00	176	150	70	11.24	6
1974	22,568.58	19,897	16,965	8,989	11.78	763
1994	28,098.00	21,467	18,303	14,009	13.11	1,069
2006	4,149,431.99	2,489,854	2,122,930	2,648,917	13.94	190,023
2007	5,031,155.99	2,921,612	2,491,060	3,294,769	13.98	235,677

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
2016	301,736.17	96,455	82,241	264,756	14.26	18,566
2020	1,403,179.03	152,813	130,293	1,483,363	14.34	103,442
2021	1,272,531.80	49,244	41,987	1,421,425	14.36	98,985
	12,208,892.56	5,751,518	4,903,929	9,136,297		648,531
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -7						
1983	28,027.00	17,610	15,015	14,974	22.34	670
1987	35,182.00	21,100	17,991	19,654	23.24	846
1990	3,849.00	2,209	1,883	2,235	24.03	93
1997	3,237,125.39	1,608,623	1,371,564	2,092,161	26.19	79,884
1999	3,317,818.29	1,561,035	1,330,989	2,219,077	26.86	82,616
2000	672,746.00	307,177	261,909	457,929	27.19	16,842
2013	6,357,034.25	1,451,621	1,237,699	5,564,328	30.96	179,726
2014	4,765.00	981	836	4,262	31.20	137
2016	79,044.93	12,470	10,632	73,946	31.63	2,338
2017	3,106,117.98	410,857	350,310	2,973,236	31.83	93,410
2018	1,076,800.98	113,536	96,804	1,055,373	32.02	32,960
2019	368,996.19	28,447	24,255	370,571	32.20	11,508
2020	207,253.60	9,822	8,375	213,387	32.37	6,592
	18,494,760.61	5,545,488	4,728,261	15,061,133		507,622
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1954	789.00	610	520	371	18.60	20
1982	6,804.00	4,560	3,888	3,801	22.14	172
1983	29,158.38	19,348	16,497	16,452	22.34	736
1985	16,297.00	10,581	9,022	9,394	22.77	413
2000	4,197,927.82	2,024,261	1,725,950	3,017,708	27.19	110,986
2002	1,911,423.45	862,667	735,538	1,424,371	27.85	51,144
2013	9,960,823.20	2,402,085	2,048,095	9,207,635	30.96	297,404
2014	34,575.00	7,515	6,408	32,662	31.20	1,047

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
2016	50,890.24	8,479	7,229	50,277	31.63	1,590
2018	44,917.29	5,002	4,265	46,492	32.02	1,452
2019	408,024.09	33,220	28,324	432,743	32.20	13,439
2020	717,160.88	35,892	30,603	779,789	32.37	24,090
	17,378,790.35	5,414,220	4,616,338	15,021,695		502,493
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1919	316,879.85	282,256	240,661	117,414	12.70	9,245
1990	33,029.00	20,019	17,069	20,254	24.03	843
1991	397,087.00	236,694	201,813	246,895	24.31	10,156
1995	29,147.00	16,048	13,683	19,253	25.54	754
1996	4,276,425.80	2,300,639	1,961,599	2,870,762	25.86	111,012
1997	4,278,660.82	2,245,418	1,914,515	2,920,371	26.19	111,507
1999	3,675,870.66	1,826,480	1,557,316	2,596,418	26.86	96,665
2000	5,114.00	2,466	2,103	3,676	27.19	135
2001	7,838,988.00	3,661,389	3,121,818	5,736,239	27.52	208,439
2015	24,539.44	4,723	4,027	23,703	31.42	754
2016	191,764.61	31,949	27,241	189,453	31.63	5,990
2017	113,158.49	15,807	13,478	114,392	31.83	3,594
2018	2,563,832.39	285,483	243,412	2,653,719	32.02	82,877
2019	359,363.29	29,258	24,946	381,134	32.20	11,836
	24,103,860.35	10,958,629	9,343,679	17,893,683		653,807
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
1993	15,866.96	8,872	7,565	9,889	24.91	397
1997	9,931,526.86	5,073,640	4,325,948	6,598,731	26.19	251,956
1998	2,072,943.00	1,031,602	879,577	1,400,660	26.52	52,815
2000	3,677,535.00	1,726,246	1,471,853	2,573,436	27.19	94,646
2008	101,404.19	34,220	29,177	82,368	29.67	2,776
2010	15,221.03	4,549	3,879	12,865	30.21	426

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
2017	107,465.10	14,613	12,460	105,752	31.83	3,322
2019	7,276.79	577	492	7,513	32.20	233
2020	13,441,995.64	654,881	558,373	14,227,823	32.37	439,537
2021	1,184,966.92	19,734	16,826	1,286,638	32.53	39,552
	30,556,201.49	8,568,934	7,306,148	26,305,674		885,660
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -108						
1907	323,601.00	556,868	474,804	198,287	10.36	19,140
1993	3,919,175.35	4,143,521	3,532,899	4,618,986	24.91	185,427
1994	37,550.00	38,897	33,165	44,939	25.22	1,782
1995	287,917.71	291,799	248,797	350,072	25.54	13,707
1997	221,537.00	214,003	182,466	278,331	26.19	10,627
2002	240,655.00	199,925	170,462	330,100	27.85	11,853
2011	91,155.19	47,970	40,901	148,702	30.47	4,880
2016	169,030.09	51,837	44,198	307,385	31.63	9,718
2019	613.97	92	78	1,199	32.20	37
2020	1,883.35	174	148	3,769	32.37	116
2021	20,999.96	661	564	43,116	32.53	1,325
	5,314,118.62	5,545,747	4,728,482	6,324,885		258,612
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
1992	63,502.00	39,160	33,389	42,178	24.60	1,715
1996	6,762,964.98	3,831,538	3,266,892	4,781,036	25.86	184,882
1997	2,784,072.97	1,538,645	1,311,898	2,001,149	26.19	76,409
2008	132,613.43	48,413	41,278	116,532	29.67	3,928
2012	700,512.21	194,831	166,119	667,490	30.72	21,728
2013	1,245,573.22	316,323	269,707	1,212,525	30.96	39,164

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
2015	118,041.00	23,925	20,399	120,070	31.42	3,821
2019	112,415.82	9,638	8,218	125,557	32.20	3,899
2021	41,018.74	739	630	48,182	32.53	1,481
	11,960,714.37	6,003,212	5,118,531	9,114,719		337,027
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -8						
2001	28,921.00	16,430	14,009	17,226	17.77	969
2017	6,281,183.72	1,295,547	1,104,625	5,679,053	19.02	298,583
	6,310,104.72	1,311,977	1,118,634	5,696,279		299,552
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -17						
1952	120,359.23	107,491	91,650	49,170	13.64	3,605
1953	34,864.00	31,076	26,496	14,294	13.69	1,044
1954	1,542.00	1,372	1,170	634	13.74	46
1955	72.00	64	55	30	13.79	2
1956	58.00	51	43	24	13.84	2
1957	260.00	230	196	108	13.89	8
1963	66.00	58	49	28	14.15	2
1968	1,102.00	948	808	481	14.38	33
1969	703.00	603	514	308	14.43	21
1988	1,037.00	792	675	538	16.01	34
1992	1,078.00	784	668	593	16.54	36
2000	15,299.00	9,640	8,219	9,680	17.65	548
2001	31,778.00	19,557	16,675	20,505	17.77	1,154
2005	19,109.00	10,484	8,939	13,419	18.21	737
2013	2,858,058.11	1,034,478	882,029	2,461,899	18.82	130,813
2015	264,963.79	78,996	67,355	242,653	18.92	12,825
2021	36,568.91	1,088	928	41,858	19.17	2,184
	3,386,918.04	1,297,712	1,106,471	2,856,223		153,094

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1942	412,612.32	351,375	299,594	154,280	13.29	11,609
1943	4,322.00	3,672	3,131	1,623	13.37	121
1958	900.00	741	632	358	14.29	25
1970	1,527.00	1,216	1,037	643	14.87	43
1975	105.00	82	70	46	15.19	3
1982	2,376.00	1,780	1,518	1,096	15.79	69
1987	106,772.00	76,602	65,313	52,136	16.36	3,187
1988	1,553.00	1,103	940	768	16.49	47
1991	176,846.00	121,163	103,307	91,223	16.90	5,398
1992	40,300.53	27,234	23,221	21,110	17.05	1,238
2000	33,380.34	19,471	16,602	20,117	18.23	1,104
2001	56,109.00	31,930	27,225	34,495	18.37	1,878
2003	1,967,281.00	1,060,364	904,100	1,259,909	18.62	67,664
2010	354,329.65	144,251	122,993	266,770	19.30	13,822
2012	5,905.00	2,119	1,807	4,689	19.44	241
2013	145,532.16	48,301	41,183	118,902	19.51	6,094
2015	60,541.45	16,515	14,081	52,514	19.62	2,677
2016	38,066.56	9,120	7,776	34,097	19.68	1,733
2017	59,520.44	12,137	10,348	55,124	19.73	2,794
2018	32.03	5	4	31	19.78	2
2019	236,764.96	29,172	24,873	235,568	19.82	11,885
2020	26,468.77	2,045	1,744	27,372	19.86	1,378
2021	144,841.57	3,907	3,331	155,994	19.89	7,843
	3,876,086.78	1,964,305	1,674,829	2,588,866		140,855
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
1949	34,302.00	56,949	48,556	18,333	8.41	2,180
1950	501.00	831	709	268	8.43	32
1979	196.00	308	263	120	8.97	13
1980	279.00	436	372	172	9.00	19
1988	421.00	632	539	282	9.30	30
1994	2,442.00	3,488	2,974	1,788	9.57	187
	38,141.00	62,644	53,412	20,963		2,461

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -11						
1955	39,813.35	33,530	28,589	15,604	13.79	1,132
1956	137.00	115	98	54	13.84	4
1957	65.00	55	47	25	13.89	2
1959	7,245.00	6,049	5,158	2,884	13.98	206
1960	125.00	104	89	50	14.02	4
1988	464.00	336	286	229	16.01	14
1992	5,925.00	4,090	3,487	3,089	16.54	187
2000	2,653.00	1,586	1,352	1,593	17.65	90
2001	38,666.00	22,576	19,249	23,670	17.77	1,332
2010	25,141.31	10,559	9,003	18,904	18.63	1,015
2015	268,709.74	76,005	64,804	233,463	18.92	12,339
2019	477,548.71	61,351	52,310	477,769	19.10	25,014
2021	10,019,919.20	282,724	241,060	10,881,051	19.17	567,608
	10,886,412.31	499,080	425,532	11,658,386		608,947
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1941	389,547.00	413,512	352,573	177,211	12.92	13,716
1942	1,784.00	1,890	1,611	815	13.00	63
1943	2,286.00	2,417	2,061	1,048	13.07	80
1958	500.00	513	437	243	13.93	17
1960	255.00	260	222	125	14.02	9
1968	130.00	130	111	66	14.38	5
1988	1,036.00	920	784	625	16.01	39
1990	1,163.00	1,009	860	721	16.27	44
1993	11,241.00	9,375	7,993	7,294	16.68	437
1994	144.00	118	101	95	16.82	6
2000	12,546.00	9,189	7,835	9,228	17.65	523
	420,632.00	439,333	374,589	197,471		14,939

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
1951	129,556.00	153,607	130,971	69,841	13.58	5,143
1953	70.00	83	71	38	13.69	3
1955	71.00	83	71	39	13.79	3
1957	47.00	55	47	26	13.89	2
1959	43.00	50	43	24	13.98	2
1970	1,049.00	1,187	1,012	614	14.48	42
1971	278.00	314	268	163	14.53	11
1988	1,038.00	1,050	895	714	16.01	45
2000	5,302.00	4,426	3,774	4,444	17.65	252
2018	112,944.87	27,160	23,158	151,907	19.06	7,970
	250,398.87	188,015	160,308	227,810		13,473
	824,435,988.78	256,459,437	218,665,546	672,814,536		24,467,883

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 27.5 2.97

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
1963	390,157.39	278,881	243,964	161,800	18.54	8,727
1973	1,538.00	1,011	884	715	21.32	34
1974	3,173.00	2,066	1,807	1,493	21.59	69
1981	437,730.00	265,049	231,864	223,375	23.40	9,546
1988	22,778.00	12,580	11,005	12,684	25.15	504
1992	245,952.00	127,181	111,257	144,533	26.12	5,533
1996	97,693.00	46,606	40,771	60,830	27.08	2,246
2001	1,367,854.00	573,053	501,304	921,264	28.24	32,623
2007	42,650.04	14,187	12,411	31,945	29.60	1,079
2008	47,817.30	15,114	13,222	36,508	29.82	1,224
2009	34,678.70	10,365	9,067	26,999	30.03	899
2010	14,529.64	4,080	3,569	11,542	30.25	382
2011	367,622.86	96,331	84,270	298,058	30.46	9,785
2012	98,079.79	23,753	20,779	81,224	30.67	2,648
2013	147,381.39	32,663	28,573	124,703	30.87	4,040
2015	733,507.88	130,111	113,821	649,028	31.27	20,756
2016	1,842,427.13	283,376	247,896	1,668,228	31.46	53,027
2017	2,469,957.15	318,603	278,713	2,290,043	31.64	72,378
2019	4,122,844.69	309,533	270,778	4,016,980	32.00	125,531
2020	490,381.85	22,725	19,880	490,117	32.16	15,240
	12,978,753.81	2,567,268	2,245,835	11,252,069		366,271
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
1991	52,536,579.28	26,331,533	23,034,708	34,230,164	30.52	1,121,565
1994	96,167.00	45,147	39,494	65,328	31.67	2,063
1999	99,180.00	40,781	35,675	72,431	33.58	2,157
2000	1,822,647.80	726,313	635,375	1,351,311	33.96	39,791
2002	78,109.35	29,058	25,420	59,719	34.72	1,720
2005	55,510.00	18,276	15,988	44,518	35.86	1,241
2007	21,535.00	6,426	5,621	17,852	36.61	488
2009	67,081.72	17,799	15,570	57,549	37.36	1,540
2010	85,394.69	21,189	18,536	74,544	37.73	1,976
2011	710,399.31	163,555	143,077	631,258	38.09	16,573
2012	97,921.03	20,730	18,135	88,599	38.46	2,304
2013	105,961.35	20,405	17,850	97,648	38.82	2,515

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
2014	215,018.50	37,157	32,505	201,865	39.17	5,154
2015	82,051.54	12,499	10,934	78,502	39.52	1,986
2016	1,187,280.31	155,659	136,170	1,157,966	39.86	29,051
2018	304,956.87	26,353	23,053	309,350	40.53	7,633
2020	79,663.40	3,052	2,670	84,163	41.17	2,044
2021	222,808.79	2,892	2,530	240,332	41.47	5,795
	57,868,265.94	27,678,824	24,213,312	38,863,098		1,245,596
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1973	2,741,937.13	1,876,267	1,641,350	1,128,007	17.95	62,842
1975	1,216,221.43	820,265	717,564	510,820	18.28	27,944
1977	1,257.00	835	730	539	18.59	29
1984	33,745.00	21,051	18,415	15,667	19.66	797
1986	149,183.00	91,092	79,687	70,988	19.95	3,558
1987	73,553.00	44,410	38,850	35,439	20.09	1,764
1988	22,997.00	13,716	11,999	11,228	20.24	555
1990	128,744.00	74,834	65,464	64,567	20.52	3,147
1994	61,070.00	33,422	29,237	32,443	21.07	1,540
1995	39,559.00	21,276	18,612	21,342	21.21	1,006
2000	3,853,979.38	1,867,086	1,633,318	2,259,201	21.87	103,301
2001	15,990.00	7,551	6,606	9,544	22.00	434
2007	36,521.00	14,077	12,314	24,572	22.75	1,080
2008	53,786.01	19,804	17,324	36,999	22.87	1,618
2009	115,726.02	40,534	35,459	81,424	22.98	3,543
2012	231,163.48	66,870	58,498	174,978	23.32	7,503
2015	60,250.06	13,044	11,411	49,442	23.64	2,091
2016	321,924.92	60,799	53,187	271,957	23.74	11,456
2017	3,014,874.96	481,875	421,542	2,623,482	23.83	110,092
2018	1,149,114.24	147,780	129,277	1,031,328	23.92	43,116
2019	1,208,898.25	114,724	100,360	1,120,627	24.01	46,673
2020	4,914,869.77	289,154	252,951	4,711,068	24.09	195,561
	19,445,364.65	6,120,466	5,354,156	14,285,662		629,650

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
2000	463,134.15	228,811	200,163	276,865	21.87	12,660
2001	217,822.00	104,902	91,768	132,589	22.00	6,027
2002	11,133,353.00	5,215,238	4,562,267	6,905,087	22.13	312,024
2004	592,630.00	261,115	228,422	381,987	22.38	17,068
2005	444,872.00	189,382	165,671	292,548	22.50	13,002
2007	316,728.00	124,499	108,911	217,319	22.75	9,552
2010	117,450.10	39,620	34,659	86,314	23.10	3,737
2015	251,400.73	55,507	48,557	210,385	23.64	8,900
2018	399,316.68	52,370	45,813	365,483	23.92	15,279
2019	184,721.17	17,877	15,639	174,624	24.01	7,273
2020	62,555.50	3,753	3,283	61,149	24.09	2,538
	14,183,983.33	6,293,074	5,505,153	9,104,350		408,060
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1916	13,148.13	13,884	12,146	2,712	3.93	690
1954	2,663.00	2,213	1,936	1,073	15.82	68
1961	23,072.00	18,201	15,922	10,149	17.95	565
1972	740.00	533	466	370	21.05	18
1973	17,211.64	12,290	10,751	8,698	21.32	408
1975	1,245.00	872	763	644	21.85	29
1986	4,140.00	2,557	2,237	2,441	24.66	99
1991	1,467.00	839	734	924	25.88	36
1992	305,435.02	171,608	150,122	195,020	26.12	7,466
1996	315,150.00	163,359	142,906	213,214	27.08	7,873
1997	2,035,292.00	1,031,243	902,127	1,397,753	27.31	51,181
1998	122,386.00	60,509	52,933	85,363	27.55	3,098
1999	207,678.00	100,064	87,536	147,141	27.78	5,297
2000	306,155.00	143,526	125,556	220,399	28.01	7,869
2002	428,073.00	188,826	165,184	318,538	28.47	11,189
2008	34,245.16	11,761	10,288	28,409	29.82	953
2014	46,670.31	10,145	8,875	43,863	31.07	1,412
2015	101,857.13	19,631	17,173	97,925	31.27	3,132
2016	356,699.96	59,610	52,147	350,924	31.46	11,155

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
2017	51,889.22	7,272	6,362	52,273	31.64	1,652
2018	76,958.37	8,595	7,519	79,444	31.82	2,497
2019	111,682.99	9,111	7,970	118,232	32.00	3,695
	4,563,858.93	2,036,649	1,781,652	3,375,509		120,382
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
1986	2,484.00	1,548	1,354	1,478	24.66	60
1999	1,996,937.51	970,681	849,147	1,427,361	27.78	51,381
2000	528,992.00	250,188	218,863	384,188	28.01	13,716
2001	22,500.00	10,333	9,039	16,611	28.24	588
2002	468,000.00	208,265	182,189	351,331	28.47	12,340
2010	24,830.66	7,644	6,687	21,620	30.25	715
2012	37,278.21	9,896	8,657	33,840	30.67	1,103
2015	125,670.07	24,435	21,376	121,888	31.27	3,898
2016	241,471.05	40,711	35,614	239,663	31.46	7,618
2021	303,141.21	5,263	4,604	340,977	32.32	10,550
	3,751,304.71	1,528,964	1,337,531	2,938,956		101,969
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -3						
2011	7,333,911.72	1,903,288	1,664,988	5,888,942	30.46	193,334
2014	49,537.98	9,815	8,586	42,438	31.07	1,366
2019	53,356.43	3,967	3,470	51,487	32.00	1,609
	7,436,806.13	1,917,070	1,677,044	5,982,866		196,309

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
1915	38,730.69	44,013	38,502	8,362	3.65	2,291
1973	2,166.00	1,656	1,449	1,172	21.32	55
1983	6,218.00	4,277	3,742	3,782	23.91	158
1986	2,509.00	1,659	1,451	1,585	24.66	64
1992	1,412.00	849	743	966	26.12	37
1995	1,511,852.06	857,650	750,269	1,079,072	26.84	40,204
1996	280,045.00	155,439	135,977	202,877	27.08	7,492
2010	26,691.99	8,721	7,629	24,668	30.25	815
2012	109,995.16	30,994	27,113	105,981	30.67	3,456
2014	44,589.71	10,379	9,080	44,874	31.07	1,444
2016	70,994.79	12,704	11,113	74,790	31.46	2,377
	2,095,204.40	1,128,341	987,068	1,548,129		58,393
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -16						
1923	86,911.38	90,819	79,448	21,369	5.95	3,591
1974	16,294.00	11,831	10,350	8,551	21.59	396
1983	8,720.00	5,750	5,030	5,085	23.91	213
1984	2,417.00	1,574	1,377	1,427	24.16	59
1986	3,345.00	2,121	1,855	2,025	24.66	82
1993	750.00	425	372	498	26.36	19
2000	94,440.00	45,449	39,759	69,792	28.01	2,492
2002	8,282.00	3,750	3,280	6,327	28.47	222
2003	1,207,872.00	528,661	462,470	938,661	28.70	32,706
2005	538,387.00	218,441	191,091	433,438	29.15	14,869
2006	535,168.00	207,960	181,923	438,872	29.38	14,938
2014	69,943.19	15,607	13,653	67,481	31.07	2,172
2015	87,049.71	17,223	15,067	85,911	31.27	2,747
2018	7,268.00	833	729	7,702	31.82	242
2019	215,597.72	18,054	15,794	234,300	32.00	7,322
2020	101,516.90	5,247	4,590	113,170	32.16	3,519
2021	170,933.16	3,020	2,642	195,641	32.32	6,053
	3,154,895.06	1,176,765	1,029,429	2,630,249		91,642

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
1910	25,850.34	28,603	25,022	4,706	2.27	2,073
1944	1,083.00	1,043	912	333	9.62	35
1947	507.00	484	423	160	9.97	16
1963	9,089.67	8,302	7,263	3,191	11.44	279
1973	5,507.00	4,848	4,241	2,092	12.14	172
1991	40,577.00	31,737	27,763	18,900	13.16	1,436
2001	6,820.00	4,631	4,051	3,792	13.64	278
2006	163,505.00	98,167	85,876	102,155	13.85	7,376
2007	162,587.00	94,452	82,626	104,349	13.90	7,507
2016	308,339.50	98,636	86,286	268,304	14.22	18,868
2019	71,937.35	12,311	10,770	71,958	14.30	5,032
2021	24,833.89	962	842	27,717	14.34	1,933
	820,636.75	384,176	336,075	607,657		45,005
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -7						
1983	16,249.00	9,883	8,646	8,741	23.91	366
1986	253,644.25	148,325	129,754	141,645	24.66	5,744
1997	1,965,528.83	943,016	824,946	1,278,169	27.31	46,802
1999	739,402.06	337,343	295,106	496,054	27.78	17,857
2000	144,751.00	64,257	56,212	98,672	28.01	3,523
2010	31,579.98	9,124	7,982	25,809	30.25	853
2011	42,258.25	11,393	9,967	35,250	30.46	1,157
2013	26,665.46	6,080	5,319	23,213	30.87	752
2017	74,246.31	9,853	8,619	70,824	31.64	2,238
2018	491,978.82	52,031	45,517	480,901	31.82	15,113
2019	118,190.97	9,129	7,986	118,478	32.00	3,702
	3,904,494.93	1,600,434	1,400,053	2,777,757		98,107

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1925	47,619.00	47,944	41,941	11,868	6.54	1,815
1983	15,571.00	10,001	8,749	8,846	23.91	370
1985	134,967.98	84,491	73,912	78,601	24.41	3,220
1986	2,509.00	1,549	1,355	1,480	24.66	60
2000	1,391,122.95	652,163	570,509	1,001,460	28.01	35,754
2002	479,773.00	211,631	185,134	357,010	28.47	12,540
2005	35,371.00	13,980	12,230	27,740	29.15	952
2009	8,903.19	2,891	2,529	7,532	30.03	251
2010	8,602.58	2,625	2,296	7,425	30.25	245
2012	27,369.59	7,202	6,300	24,627	30.67	803
2013	41,987.11	10,111	8,845	38,600	30.87	1,250
2019	161,256.88	13,154	11,507	170,713	32.00	5,335
	2,355,053.28	1,057,742	925,308	1,735,902		62,595
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1996	1,950,482.41	1,011,040	884,453	1,319,592	27.08	48,729
1997	435,892.76	220,858	193,206	299,353	27.31	10,961
1999	445,571.00	214,685	187,805	315,690	27.78	11,364
2001	822,656.00	374,471	327,586	602,016	28.24	21,318
2008	34,980.12	12,013	10,509	29,019	29.82	973
2010	42,337.29	12,919	11,301	36,540	30.25	1,208
2013	7,161.99	1,725	1,509	6,584	30.87	213
2014	145,084.44	31,537	27,588	136,357	31.07	4,389
2015	129,403.62	24,940	21,817	124,409	31.27	3,979
2017	21,342.14	2,991	2,617	21,500	31.64	680
2018	1,249,374.53	139,542	122,071	1,289,723	31.82	40,532
2019	37,735.27	3,078	2,693	39,948	32.00	1,248
	5,322,021.57	2,049,799	1,793,155	4,220,729		145,594

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
1925	85,597.43	83,894	73,390	20,767	6.54	3,175
1980	147,616.09	95,598	83,629	78,749	23.15	3,402
1986	6,923.00	4,162	3,641	3,974	24.66	161
1997	1,857,082.99	915,967	801,284	1,241,507	27.31	45,460
1998	718,495.08	345,799	302,503	487,841	27.55	17,707
2000	389,689.00	177,837	155,571	273,087	28.01	9,750
2008	21,276.22	7,113	6,222	17,181	29.82	576
2010	63,730.76	18,930	16,560	53,544	30.25	1,770
2015	66,857.61	12,544	10,973	62,570	31.27	2,001
2016	533,157.76	86,734	75,875	510,599	31.46	16,230
2020	72,556.91	3,556	3,111	76,702	32.16	2,385
	3,962,982.85	1,752,134	1,532,759	2,826,522		102,617
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -108						
1907	89,180.00	180,981	158,321	27,173	1.46	18,612
1987	590,012.76	661,438	578,623	648,603	24.90	26,048
2002	7,592.75	6,165	5,393	10,400	28.47	365
2004	84,194.00	63,703	55,727	119,396	28.93	4,127
2014	20,321.38	8,131	7,113	35,156	31.07	1,132
2020	97,621.37	9,048	7,915	195,137	32.16	6,068
	888,922.26	929,466	813,093	1,035,865		56,352
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
1991	625,451.98	376,617	329,463	414,825	25.88	16,029
1996	2,005,665.00	1,094,846	957,766	1,428,975	27.08	52,769
1997	319,304.00	170,376	149,044	230,928	27.31	8,456
2006	23,189.00	9,244	8,087	19,508	29.38	664
2007	23,168.62	8,818	7,714	19,857	29.60	671
2008	34,889.62	12,618	11,038	30,480	29.82	1,022
2010	19,151.17	6,154	5,383	17,406	30.25	575

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
2012	770,638.83	213,556	186,818	730,242	30.67	23,810
2019	22,424.63	1,926	1,685	25,000	32.00	781
2020	14,423.14	765	669	16,494	32.16	513
	3,858,305.99	1,894,920	1,657,667	2,933,717		105,290
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -8						
1954	41,690.90	35,193	30,787	14,239	12.81	1,112
1961	582.00	478	418	210	13.79	15
1992	1,716.00	1,132	990	863	17.06	51
1993	20,540.00	13,378	11,703	10,480	17.14	611
1994	9,800.00	6,292	5,504	5,080	17.23	295
1996	3,323.00	2,069	1,810	1,779	17.40	102
2003	23,499.00	12,611	11,032	14,347	17.97	798
2011	5,920.92	2,289	2,002	4,392	18.56	237
2017	3,610.84	748	654	3,245	18.93	171
2020	158,000.95	12,438	10,881	159,760	19.08	8,373
2021	34,782.91	957	837	36,728	19.12	1,921
	303,466.52	87,585	76,619	251,125		13,686
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -17						
1952	28,347.30	26,130	22,858	10,308	12.50	825
2002	12,632.00	7,535	6,592	8,188	17.90	457
2003	39,074.00	22,717	19,873	25,844	17.97	1,438
2012	13,512.06	5,294	4,631	11,178	18.63	600
2013	5,833.07	2,120	1,855	4,970	18.69	266
2020	273,237.27	23,302	20,385	299,303	19.08	15,687
	372,635.70	87,098	76,193	359,791		19,273

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1960	844.00	704	616	313	13.97	22
1963	1,956.00	1,610	1,408	743	14.39	52
1966	244.00	198	173	95	14.78	6
1988	1,833.00	1,275	1,115	901	17.23	52
1991	1,409.00	946	828	722	17.52	41
1992	12,868.57	8,535	7,466	6,689	17.61	380
1993	5,493.00	3,594	3,144	2,898	17.70	164
1997	31,989.81	19,642	17,183	18,006	18.07	996
2000	637,319.00	368,563	322,417	378,634	18.34	20,645
2001	163,533.00	92,411	80,841	99,046	18.43	5,374
2002	35,836.00	19,763	17,289	22,131	18.51	1,196
2003	166,110.00	89,148	77,986	104,735	18.60	5,631
2007	240,461.00	112,913	98,776	165,731	18.93	8,755
2012	167,371.23	60,150	52,619	131,489	19.31	6,809
2013	23,615.55	7,861	6,877	19,100	19.38	986
2017	535,403.73	109,632	95,906	493,039	19.63	25,117
2018	33,896.68	5,614	4,911	32,375	19.69	1,644
2020	249,892.15	19,368	16,943	257,938	19.79	13,034
2021	559,964.78	15,140	13,244	602,717	19.84	30,379
	2,870,040.50	937,067	819,742	2,337,303		121,283
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
1949	6,318.28	10,621	9,291	3,029	8.00	379
1950	124.00	208	182	60	8.06	7
1955	308.00	512	448	153	8.32	18
1961	402.00	661	578	206	8.60	24
1986	25,607.00	38,634	33,797	16,137	9.43	1,711
1990	7,253.00	10,660	9,325	4,818	9.54	505
1992	1,154.00	1,670	1,461	789	9.59	82
1993	3,623.00	5,197	4,546	2,519	9.62	262
1996	231.00	322	282	169	9.69	17
1997	103,038.00	141,983	124,206	76,718	9.71	7,901
2000	5,261.00	6,968	6,096	4,163	9.79	425

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
2002	12,632.00	16,213	14,183	10,449	9.83	1,063
2003	5,577.00	7,030	6,150	4,725	9.85	480
2013	11,757.03	10,465	9,155	13,771	10.05	1,370
	183,285.31	251,144	219,700	137,706		14,244
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -11						
1955	47,413.72	40,981	35,850	16,779	12.95	1,296
1961	586.00	494	432	218	13.79	16
1966	566.00	467	409	220	14.41	15
1973	476.00	379	332	197	15.21	13
1992	8,361.00	5,670	4,960	4,321	17.06	253
1993	14,512.00	9,714	8,498	7,611	17.14	444
1994	29,604.00	19,535	17,089	15,771	17.23	915
2001	11,124.00	6,450	5,642	6,705	17.82	376
2002	7,713.00	4,365	3,818	4,743	17.90	265
2007	51,493.00	24,899	21,782	35,376	18.28	1,935
2010	16,839.44	7,090	6,202	12,489	18.49	675
2013	6,117.70	2,109	1,845	4,946	18.69	265
2020	102,951.70	8,330	7,287	106,989	19.08	5,607
2021	2,859,322.34	80,870	70,745	3,103,103	19.12	162,296
	3,157,079.90	211,353	184,891	3,319,468		174,371
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1941	42,186.12	47,275	41,356	16,017	10.52	1,523
1951	230.00	247	216	97	12.34	8
1952	134.00	144	126	56	12.50	4
1955	321.00	340	297	139	12.95	11
1963	1,789.00	1,833	1,603	830	14.04	59
1966	372.00	376	329	177	14.41	12
1969	221.00	220	192	108	14.77	7

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1972	646.00	634	555	324	15.10	21
1973	205.00	200	175	104	15.21	7
1980	777.00	725	634	422	15.94	26
1987	10,313.00	9,069	7,934	6,092	16.61	367
1988	731.00	636	556	438	16.70	26
1989	297,669.82	256,359	224,262	180,569	16.79	10,755
1991	8,183.00	6,886	6,024	5,105	16.97	301
1992	266,133.00	221,128	193,442	168,499	17.06	9,877
1993	21,079.00	17,288	15,123	13,544	17.14	790
1994	17,949.00	14,512	12,695	11,716	17.23	680
2000	847,297.58	615,941	538,822	613,503	17.73	34,603
2002	18,158.00	12,591	11,015	13,680	17.90	764
2003	120,033.00	81,120	70,963	92,282	17.97	5,135
2008	4,337.18	2,467	2,158	3,740	18.35	204
2015	121,959.92	42,385	37,078	128,787	18.82	6,843
2016	281,105.41	85,881	75,128	307,175	18.88	16,270
2018	69,809.59	14,781	12,930	82,011	18.98	4,321
2021	404,516.25	14,018	12,263	537,879	19.12	28,132
	2,536,155.87	1,447,056	1,265,877	2,183,295		120,746
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
1950	350.00	431	377	165	12.18	14
1951	1,858.00	2,278	1,993	887	12.34	72
1982	650.00	681	596	412	16.13	26
1992	544.00	515	451	393	17.06	23
1996	197,296.00	176,280	154,209	151,600	17.40	8,713
2003	18,740.00	14,434	12,627	16,420	17.97	914

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
2009	14,158.23	8,765	7,668	14,278	18.42	775
2019	17,493.21	3,149	2,755	24,360	19.03	1,280
2020	185,588.89	20,968	18,343	269,320	19.08	14,115
	436,678.33	227,501	199,017	477,834		25,932
	156,450,196.72	63,364,896	55,431,329	115,185,559		4,323,367
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					26.6	2.76

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
1971	581.00	408	419	185	18.31	10
1973	552.00	379	389	185	19.17	10
1974	176.00	119	122	61	19.60	3
1975	114.00	76	78	41	20.02	2
1976	394.00	260	267	143	20.45	7
1977	1,756.00	1,143	1,173	653	20.87	31
1978	35,252.00	22,635	23,234	13,428	21.28	631
1979	2,696.00	1,707	1,752	1,052	21.69	49
1980	9,589.00	5,983	6,141	3,831	22.10	173
1981	1,928.00	1,185	1,216	789	22.50	35
1982	17,391.00	10,532	10,811	7,276	22.89	318
1983	556.00	332	341	237	23.28	10
1984	16,593.00	9,737	9,995	7,262	23.66	307
1985	26,434.00	15,262	15,666	11,825	24.03	492
1986	32,005.00	18,167	18,648	14,637	24.40	600
1987	49,461.00	27,598	28,329	23,111	24.75	934
1988	10,756.00	5,896	6,052	5,134	25.10	205
1989	124,096.00	66,770	68,538	60,522	25.44	2,379
1990	71,475.00	37,735	38,734	35,600	25.77	1,381
1991	19,030.00	9,850	10,111	9,680	26.09	371
1992	44,983.00	22,815	23,419	23,363	26.40	885
1993	1,382.00	686	704	733	26.70	27
1995	11,736.00	5,573	5,721	6,485	27.27	238
1996	11,190.00	5,185	5,322	6,315	27.55	229
1997	3,207.00	1,450	1,488	1,847	27.81	66
1998	30,726.00	13,521	13,879	18,076	28.07	644
1999	1,749.00	748	768	1,051	28.32	37
2000	38,615.00	16,052	16,477	23,683	28.55	830
2001	56,493.00	22,761	23,364	35,389	28.78	1,230
2002	69,923.00	27,234	27,955	44,765	29.01	1,543
2003	15,883.00	5,973	6,131	10,387	29.22	355
2007	38,678.41	12,274	12,599	27,627	29.99	921
2008	103,289.76	31,111	31,935	75,487	30.17	2,502
2009	1,753.29	499	512	1,311	30.34	43
2010	22,067.00	5,898	6,054	16,896	30.50	554
2011	41,007.92	10,218	10,489	32,160	30.66	1,049
2012	14,652.29	3,380	3,469	11,769	30.80	382
2013	79,339.12	16,728	17,171	65,342	30.95	2,111
2014	17,966.68	3,418	3,508	15,177	31.09	488
2015	10,889.19	1,838	1,887	9,438	31.22	302
2016	131,698.17	19,299	19,810	117,156	31.34	3,738

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
2017	107,212.85	13,156	13,504	97,997	31.47	3,114
2018	169,319.09	16,614	17,054	159,038	31.58	5,036
2019	385,685.63	27,801	28,537	372,576	31.69	11,757
2020	217,737.76	9,681	9,937	216,510	31.80	6,808
2021	203,190.27	3,132	3,215	208,103	31.90	6,524
	2,251,209.43	532,819	546,925	1,794,333		59,361
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
1976	126.00	85	87	50	21.75	2
1978	63,372.00	41,275	42,368	26,708	22.86	1,168
1979	260,702.00	166,893	171,311	112,854	23.42	4,819
1980	130,561.00	82,114	84,288	58,024	23.98	2,420
1983	350.00	208	214	168	25.66	7
1984	25,970.00	15,143	15,544	12,763	26.22	487
1985	1,254.00	717	736	631	26.77	24
1986	314,063.00	175,734	180,386	161,942	27.33	5,925
1987	239,960.00	131,432	134,912	126,645	27.88	4,543
1988	194,965.00	104,469	107,235	105,277	28.42	3,704
1989	70,470.00	36,904	37,881	38,931	28.96	1,344
1990	153,783.00	78,669	80,752	86,872	29.49	2,946
1991	20,914,372.42	10,441,329	10,717,758	12,078,908	30.02	402,362
1993	61,575.00	29,213	29,986	37,130	31.05	1,196
1994	17,184.00	7,935	8,145	10,585	31.55	335
1995	6,976.00	3,134	3,217	4,387	32.04	137
1996	27,623.00	12,048	12,367	17,742	32.53	545
1997	1,716.00	726	745	1,125	33.00	34
1998	37,338.00	15,304	15,709	24,989	33.47	747
1999	25,692.00	10,189	10,459	17,546	33.92	517
2000	148,808.00	56,975	58,483	103,717	34.37	3,018
2001	79,381.00	29,302	30,078	56,448	34.80	1,622
2002	56,249.00	19,975	20,504	40,808	35.22	1,159
2003	80,743.00	27,520	28,249	59,761	35.63	1,677
2004	91,500.00	29,865	30,656	69,079	36.03	1,917
2005	40,744.00	12,699	13,035	31,376	36.41	862
2006	105,077.00	31,144	31,969	82,565	36.79	2,244

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
2007	152,923.00	42,987	44,125	122,561	37.15	3,299
2008	359,342.18	95,293	97,816	293,867	37.51	7,834
2009	62,488.80	15,564	15,976	52,137	37.85	1,377
2010	374,510.19	87,060	89,365	318,851	38.18	8,351
2011	76,813.47	16,543	16,981	66,746	38.50	1,734
2012	96,648.75	19,110	19,616	85,731	38.81	2,209
2013	298,695.66	53,743	55,166	270,412	39.10	6,916
2014	697,400.60	112,474	115,452	644,715	39.39	16,367
2015	2,080,231.29	295,290	303,108	1,964,344	39.67	49,517
2016	451,193.72	55,215	56,677	435,124	39.93	10,897
2017	257,186.17	26,180	26,873	253,460	40.19	6,307
2018	710,252.89	57,258	58,774	715,402	40.44	17,690
2019	1,115,777.78	65,346	67,076	1,149,122	40.68	28,248
2020	143,884.68	5,154	5,290	151,544	40.91	3,704
2021	79,018.87	953	978	85,152	41.13	2,070
	30,106,922.47	12,509,171	12,840,345	19,976,200		612,281
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1973	933,098.00	651,577	668,827	273,602	16.90	16,189
1974	162.00	112	115	49	17.18	3
1975	228,812.00	156,723	160,872	70,228	17.46	4,022
1976	11,877.00	8,055	8,268	3,728	17.73	210
1977	11,775.00	7,906	8,115	3,777	17.99	210
1978	68,519.00	45,531	46,736	22,468	18.25	1,231
1979	17,466.00	11,484	11,788	5,853	18.50	316
1980	15,487.00	10,074	10,341	5,301	18.74	283
1981	13,614.00	8,757	8,989	4,761	18.98	251
1982	16,589.00	10,551	10,830	5,925	19.21	308
1983	3,633.00	2,284	2,344	1,325	19.43	68
1984	5,340.00	3,317	3,405	1,989	19.65	101
1985	8,704.00	5,339	5,480	3,311	19.86	167
1986	21,882.00	13,252	13,603	8,498	20.06	424
1987	2,546.00	1,521	1,561	1,010	20.26	50
1988	19,216.00	11,325	11,625	7,783	20.45	381
1989	209,702.00	121,837	125,063	86,736	20.63	4,204

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1993	80,477.00	43,890	45,052	36,230	21.29	1,702
1994	25,142.00	13,472	13,829	11,565	21.44	539
1995	5,641.00	2,966	3,045	2,653	21.59	123
1996	2,879.00	1,485	1,524	1,383	21.72	64
1997	21,283.00	10,750	11,035	10,461	21.86	479
1998	10,173.00	5,026	5,159	5,116	21.99	233
1999	1,003.00	484	497	516	22.11	23
2000	31,210.00	14,698	15,087	16,435	22.23	739
2001	26,502.00	12,157	12,479	14,288	22.34	640
2002	1,612.00	719	738	890	22.45	40
2003	2,738.00	1,185	1,216	1,549	22.55	69
2006	32,808.00	12,767	13,105	20,031	22.83	877
2007	74,401.00	27,763	28,498	46,647	22.92	2,035
2008	65,819.78	23,449	24,070	42,408	23.01	1,843
2009	24,428.44	8,269	8,488	16,185	23.09	701
2010	10,658.12	3,413	3,503	7,261	23.16	314
2011	84,320.56	25,333	26,004	59,160	23.24	2,546
2012	118,249.68	33,054	33,929	85,503	23.31	3,668
2013	245,431.78	63,275	64,950	182,936	23.37	7,828
2014	112,527.31	26,365	27,063	86,590	23.44	3,694
2015	328,111.65	68,827	70,649	260,744	23.50	11,095
2016	863,543.70	158,196	162,384	709,795	23.56	30,127
2017	66,524.95	10,308	10,581	56,609	23.62	2,397
2018	471,677.23	58,911	60,471	415,923	23.67	17,572
2019	85,224.23	7,879	8,088	77,989	23.72	3,288
2020	12,384.94	715	734	11,775	23.77	495
2021	80,039.31	1,597	1,639	79,200	23.82	3,325
	4,473,232.68	1,706,598	1,751,779	2,766,186		124,874
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1971	317,370.00	230,262	236,358	90,533	16.32	5,547
1979	1,796.00	1,204	1,236	614	18.50	33
1980	632.00	419	430	221	18.74	12
1984	4,922.00	3,117	3,200	1,870	19.65	95
1985	214.00	134	138	83	19.86	4

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1986	5,561.00	3,434	3,525	2,203	20.06	110
1987	1,774.00	1,081	1,110	718	20.26	35
1988	1,534.00	922	946	634	20.45	31
1989	169,564.00	100,468	103,128	71,523	20.63	3,467
1993	61,767.00	34,353	35,263	28,358	21.29	1,332
1994	135,280.00	73,926	75,883	63,455	21.44	2,960
1997	3,461.00	1,783	1,830	1,735	21.86	79
2001	4,216.00	1,972	2,024	2,318	22.34	104
2002	609.00	277	284	343	22.45	15
2003	9,135.00	4,031	4,138	5,271	22.55	234
2004	3,853.00	1,645	1,689	2,280	22.65	101
2005	1,312.43	541	555	796	22.74	35
2006	9,404.30	3,732	3,831	5,856	22.83	257
2007	3,037.81	1,156	1,187	1,942	22.92	85
2008	9,051.16	3,288	3,375	5,948	23.01	258
2009	1,562.40	539	553	1,056	23.09	46
2011	50,042.36	15,332	15,738	35,806	23.24	1,541
2012	82,016.18	23,380	23,999	60,478	23.31	2,595
2013	64,914.73	17,067	17,519	49,343	23.37	2,111
2014	53,305.82	12,737	13,074	41,831	23.44	1,785
2015	7,244.27	1,550	1,591	5,871	23.50	250
2016	9,926.07	1,854	1,903	8,321	23.56	353
2017	1,877.00	297	305	1,628	23.62	69
2018	529.47	67	69	477	23.67	20
2019	33,754.22	3,183	3,267	31,500	23.72	1,328
2020	1,752,068.59	103,081	105,810	1,698,821	23.77	71,469
	2,801,734.81	646,832	663,957	2,221,830		96,361
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1970	1,584.00	1,225	1,257	532	17.87	30
1972	106.00	80	82	38	18.74	2
1973	547.00	408	419	199	19.17	10
1982	707.00	465	477	322	22.89	14
1983	692.00	448	460	322	23.28	14
1985	263.00	165	169	128	24.03	5

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1987	4,172.00	2,529	2,596	2,118	24.75	86
1988	2,109.00	1,256	1,289	1,094	25.10	44
1989	63,773.00	37,283	38,270	33,793	25.44	1,328
1991	19,028.00	10,701	10,984	10,517	26.09	403
1992	1,626.00	896	920	918	26.40	35
1993	3,236.00	1,746	1,792	1,864	26.70	70
1998	2,524.00	1,207	1,239	1,613	28.07	57
1999	4,522.00	2,103	2,159	2,951	28.32	104
2001	7,882.00	3,450	3,541	5,365	28.78	186
2002	941.00	398	409	655	29.01	23
2003	3,714.00	1,518	1,558	2,639	29.22	90
2004	28,088.00	11,053	11,346	20,394	29.42	693
2008	26,603.73	8,707	8,938	21,125	30.17	700
2009	18,159.43	5,615	5,764	14,756	30.34	486
2011	1,295.52	351	360	1,104	30.66	36
2012	17,400.00	4,362	4,477	15,185	30.80	493
2013	35,255.90	8,077	8,291	31,548	30.95	1,019
2014	14,133.84	2,921	2,998	12,973	31.09	417
2015	13,046.10	2,393	2,456	12,286	31.22	394
2016	31,673.09	5,043	5,177	30,614	31.34	977
2017	12,225.07	1,630	1,673	12,141	31.47	386
2018	5,489.93	585	600	5,603	31.58	177
2019	5,894.71	462	474	6,187	31.69	195
2020	4,285.67	207	212	4,630	31.80	146
2021	6,054.27	101	104	6,738	31.90	211
	337,031.26	117,385	120,493	260,352		8,831
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
1978	249.00	175	180	104	21.28	5
1982	662.00	439	451	304	22.89	13
1983	3,796.00	2,481	2,547	1,781	23.28	77
1988	814.00	489	502	426	25.10	17
1989	48,409.00	28,551	29,307	25,879	25.44	1,017
1991	20,864.00	11,838	12,151	11,634	26.09	446
1993	2,990.00	1,628	1,671	1,737	26.70	65

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
1994	6,529.00	3,477	3,569	3,874	26.99	144
1995	384.00	200	205	232	27.27	9
1998	1,590.00	767	787	1,025	28.07	37
2000	43,996.00	20,048	20,579	29,577	28.55	1,036
2001	592.00	261	268	407	28.78	14
2002	4,596.00	1,962	2,014	3,225	29.01	111
2003	1,286.00	530	544	922	29.22	32
2008	11,178.27	3,691	3,789	8,954	30.17	297
2009	1,836.29	573	588	1,505	30.34	50
2010	2,733.63	801	822	2,294	30.50	75
2011	452.88	124	127	389	30.66	13
2012	23,172.57	5,860	6,015	20,402	30.80	662
2013	98,749.34	22,822	23,426	89,148	30.95	2,880
2014	1,845.01	385	395	1,708	31.09	55
2015	12,895.31	2,386	2,449	12,251	31.22	392
2016	78,254.78	12,570	12,903	76,308	31.34	2,435
2017	127,973.80	17,214	17,670	128,220	31.47	4,074
2018	3,644.76	392	402	3,753	31.58	119
	499,493.64	139,664	143,362	426,061		14,075
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -3						
2006	22,698.00	7,482	7,680	15,699	29.81	527
2011	7,184,230.26	1,772,834	1,819,769	5,579,988	30.66	181,996
2012	5,173.48	1,182	1,213	4,115	30.80	134
2013	410.59	86	88	335	30.95	11
2015	3,052.12	510	524	2,620	31.22	84
2016	5,694.21	826	848	5,017	31.34	160
2017	142,777.03	17,352	17,811	129,249	31.47	4,107
2020	1,564.92	69	71	1,541	31.80	48
	7,365,600.61	1,800,341	1,848,004	5,738,565		187,067

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
1973	835.00	666	684	327	19.17	17
1978	2,536.00	1,895	1,945	1,123	21.28	53
1984	733.00	500	513	374	23.66	16
1985	2,805.00	1,884	1,934	1,460	24.03	61
1987	1,040.00	675	693	566	24.75	23
1989	104,599.00	65,480	67,213	59,351	25.44	2,333
1990	2,904.00	1,784	1,831	1,683	25.77	65
1991	23,364.00	14,070	14,442	13,828	26.09	530
1993	7,072.00	4,086	4,194	4,363	26.70	163
1994	32,132.00	18,162	18,643	20,237	26.99	750
1995	9,608.00	5,308	5,449	6,177	27.27	227
1997	2,433.00	1,280	1,314	1,630	27.81	59
1998	16,245.00	8,317	8,537	11,119	28.07	396
1999	1,645.00	819	841	1,150	28.32	41
2001	8,303.00	3,892	3,995	6,052	28.78	210
2007	30,390.37	11,221	11,518	25,254	29.99	842
2008	11,551.29	4,048	4,155	9,822	30.17	326
2009	14,580.90	4,828	4,956	12,687	30.34	418
2010	18,411.55	5,725	5,877	16,401	30.50	538
2011	21,850.03	6,334	6,502	19,937	30.66	650
2012	5,815.36	1,561	1,602	5,434	30.80	176
2013	2,958.63	726	745	2,835	30.95	92
2014	16,055.64	3,554	3,648	15,779	31.09	508
2015	1,948.58	383	393	1,965	31.22	63
2016	22,282.74	3,799	3,900	23,063	31.34	736
2017	85,886.49	12,262	12,587	91,336	31.47	2,902
2018	4,201.83	480	493	4,592	31.58	145
	452,187.41	183,739	188,603	358,544		12,340
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -16						
1974	308.00	233	239	118	19.60	6
1979	762.00	538	552	332	21.69	15
1981	4,562.00	3,128	3,211	2,081	22.50	92
1982	3,101.00	2,095	2,150	1,447	22.89	63
1983	1,304.00	867	890	623	23.28	27

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -16						
1984	6,749.00	4,418	4,535	3,294	23.66	139
1985	985.00	634	651	492	24.03	20
1986	849.00	538	552	433	24.40	18
1987	111,637.00	69,479	71,318	58,180	24.75	2,351
1989	3,690.00	2,215	2,274	2,007	25.44	79
1991	19,028.00	10,985	11,276	10,797	26.09	414
1993	5,980.00	3,312	3,400	3,537	26.70	132
1995	959.00	508	521	591	27.27	22
1996	26,225.00	13,554	13,913	16,508	27.55	599
1999	1,287.00	614	630	863	28.32	30
2001	2,960.00	1,330	1,365	2,068	28.78	72
2002	6,232.00	2,707	2,779	4,450	29.01	153
2006	32,743.00	12,155	12,477	25,505	29.81	856
2007	31,915.75	11,297	11,596	25,426	29.99	848
2008	17,913.92	6,018	6,177	14,603	30.17	484
2009	1,836.32	583	598	1,532	30.34	50
2010	6,815.65	2,032	2,086	5,820	30.50	191
2011	31,325.42	8,706	8,936	27,401	30.66	894
2012	3,108.13	800	821	2,784	30.80	90
2013	94,674.42	22,264	22,853	86,969	30.95	2,810
2014	906.09	192	197	854	31.09	27
2015	18,231.27	3,433	3,524	17,624	31.22	565
2016	36,628.21	5,987	6,146	36,343	31.34	1,160
2017	10,412.10	1,425	1,463	10,615	31.47	337
2019	19,536.08	1,571	1,613	21,049	31.69	664
	502,664.36	193,618	198,744	384,347		13,208
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
1978	248.00	213	219	67	12.39	5
1979	1,492.00	1,274	1,308	408	12.48	33
1980	1,459.00	1,237	1,270	408	12.57	32
1982	1,277.00	1,068	1,096	372	12.73	29
1983	998.00	829	851	297	12.81	23
1984	414.00	341	350	126	12.88	10
1986	2,883.00	2,339	2,401	915	13.02	70

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
1987	1,426.00	1,147	1,177	463	13.09	35
1989	289.00	228	234	98	13.21	7
1990	10,977.00	8,587	8,814	3,809	13.26	287
1991	2,181.00	1,688	1,733	775	13.32	58
1992	20,654.00	15,815	16,234	7,518	13.37	562
1993	1,886.00	1,428	1,466	703	13.42	52
1994	1,976.00	1,477	1,516	756	13.47	56
1995	16,363.00	12,079	12,399	6,419	13.51	475
1996	91,259.25	66,463	68,223	36,726	13.55	2,710
1997	1,740.00	1,249	1,282	719	13.59	53
1998	1,590.00	1,123	1,153	676	13.63	50
2002	17,760.00	11,641	11,949	8,475	13.77	615
2007	23,526.70	13,450	13,806	13,250	13.92	952
2008	38,533.88	21,247	21,809	22,504	13.94	1,614
2009	1,836.32	972	998	1,114	13.97	80
2011	17,808.30	8,559	8,786	11,694	14.01	835
2012	2,135.68	968	994	1,462	14.03	104
2013	29,248.84	12,377	12,705	20,932	14.05	1,490
2014	2,455.12	958	983	1,840	14.07	131
2015	15,081.88	5,347	5,489	11,856	14.09	841
2016	83,168.24	26,187	26,880	68,763	14.11	4,873
2017	9,660.82	2,626	2,696	8,414	14.12	596
2018	41,754.97	9,308	9,554	38,464	14.14	2,720
2019	36,812.20	6,226	6,391	35,943	14.15	2,540
2021	31,807.93	1,222	1,254	35,325	14.18	2,491
	510,703.13	239,673	246,018	341,291		24,429
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -7						
1970	1,585.00	1,160	1,191	505	17.87	28
1972	35.00	25	26	12	18.74	1
1977	1,279.00	856	879	490	20.87	23
1979	307.00	200	205	123	21.69	6
1984	488.00	295	303	219	23.66	9
1986	434.00	253	260	205	24.40	8
1987	82,181.00	47,178	48,427	39,507	24.75	1,596

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -7						
1990	6,053.00	3,288	3,375	3,102	25.77	120
1991	19,028.00	10,133	10,401	9,959	26.09	382
1993	8,135.00	4,156	4,266	4,438	26.70	166
1994	430.00	215	221	239	26.99	9
1995	959.00	468	480	546	27.27	20
1996	42,575.00	20,298	20,835	24,720	27.55	897
1997	26,927.00	12,523	12,855	15,957	27.81	574
1998	16,245.00	7,355	7,550	9,832	28.07	350
1999	2,377.00	1,047	1,075	1,469	28.32	52
2000	12,054.00	5,155	5,291	7,606	28.55	266
2001	5,351.00	2,218	2,277	3,449	28.78	120
2002	4,909.00	1,967	2,019	3,234	29.01	111
2003	509.00	197	202	342	29.22	12
2008	36,628.36	11,351	11,652	27,541	30.17	913
2009	1,836.32	538	552	1,413	30.34	47
2010	1,714.73	472	484	1,350	30.50	44
2011	19,035.43	4,880	5,009	15,359	30.66	501
2012	167,093.15	39,661	40,711	138,079	30.80	4,483
2013	21,492.19	4,662	4,785	18,211	30.95	588
2014	1,845.00	361	371	1,604	31.09	52
2015	14,724.43	2,558	2,626	13,129	31.22	421
2016	118,137.02	17,811	18,283	108,124	31.34	3,450
2017	41,976.44	5,299	5,439	39,476	31.47	1,254
2018	5,043.41	509	522	4,874	31.58	154
2019	6,075.39	451	463	6,038	31.69	191
2020	7,798.83	357	366	7,978	31.80	251
2021	2,927.00	46	47	3,085	31.90	97
	678,188.70	207,943	213,448	512,214		17,196
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1970	1,585.00	1,225	1,257	534	17.87	30
1972	35.00	26	27	13	18.74	1
1978	144.00	100	103	60	21.28	3
1982	1,081.00	711	730	492	22.89	21
1985	2,476.00	1,553	1,594	1,204	24.03	50

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1986	8,949.00	5,519	5,665	4,447	24.40	182
1987	4,815.00	2,919	2,996	2,445	24.75	99
1988	1,062.00	632	649	551	25.10	22
1989	97,322.00	56,896	58,402	51,571	25.44	2,027
1991	3,017.00	1,697	1,742	1,667	26.09	64
1992	59,762.00	32,934	33,806	33,725	26.40	1,277
1993	4,961.00	2,677	2,748	2,858	26.70	107
1994	299.00	158	162	176	26.99	7
1995	1,151.00	594	610	691	27.27	25
1996	39,531.00	19,903	20,430	24,240	27.55	880
2000	477.00	215	221	318	28.55	11
2001	776.00	340	349	528	28.78	18
2003	1,223.00	500	513	869	29.22	30
2005	24,644.00	9,312	9,559	18,289	29.62	617
2007	39,274.80	13,542	13,901	30,480	29.99	1,016
2008	15,923.91	5,211	5,349	12,645	30.17	419
2009	1,836.33	568	583	1,492	30.34	49
2010	10,683.94	3,103	3,185	8,888	30.50	291
2011	22,301.92	6,038	6,198	19,003	30.66	620
2012	7,834.74	1,964	2,016	6,837	30.80	222
2013	38,641.18	8,852	9,086	34,578	30.95	1,117
2014	64,480.85	13,328	13,681	59,182	31.09	1,904
2016	40,811.15	6,498	6,670	39,447	31.34	1,259
2017	2,592.59	346	355	2,574	31.47	82
2021	1,213.75	20	21	1,351	31.90	42
	498,905.16	197,381	202,607	361,156		12,492
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1977	665.00	470	482	269	20.87	13
1978	491.00	343	352	203	21.28	10
1982	917.00	603	619	417	22.89	18
1983	173.00	112	115	81	23.28	3
1985	1,921.00	1,205	1,237	934	24.03	39
1987	659.00	400	411	334	24.75	13
1988	530.00	316	324	275	25.10	11

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1989	51,437.00	30,071	30,867	27,257	25.44	1,071
1990	777.00	446	458	420	25.77	16
1991	21,065.00	11,847	12,161	11,643	26.09	446
1993	4,196.00	2,264	2,324	2,418	26.70	91
1995	4,873.00	2,514	2,581	2,926	27.27	107
1996	5,037.00	2,536	2,603	3,089	27.55	112
1997	57,706.00	28,342	29,092	36,115	27.81	1,299
1998	15,234.00	7,284	7,477	9,738	28.07	347
1999	6,750.00	3,138	3,221	4,406	28.32	156
2000	1,857.00	839	861	1,237	28.55	43
2001	6,918.00	3,028	3,108	4,709	28.78	164
2002	16,157.00	6,838	7,019	11,238	29.01	387
2003	2,939.00	1,201	1,233	2,088	29.22	71
2005	12,467.85	4,711	4,836	9,253	29.62	312
2007	45,823.69	15,800	16,218	35,562	29.99	1,186
2008	54,227.63	17,747	18,217	43,060	30.17	1,427
2009	3,464.17	1,071	1,099	2,815	30.34	93
2010	753.47	219	225	627	30.50	21
2011	9,767.44	2,644	2,714	8,323	30.66	271
2013	654.39	150	154	585	30.95	19
2014	2,220.08	459	471	2,038	31.09	66
2015	11,329.62	2,078	2,133	10,669	31.22	342
2016	34,412.63	5,479	5,624	33,262	31.34	1,061
2017	84,170.34	11,222	11,519	83,593	31.47	2,656
2018	48,210.98	5,140	5,276	49,202	31.58	1,558
2019	34,010.62	2,664	2,735	35,697	31.69	1,126
2020	94,229.72	4,552	4,673	101,807	31.80	3,201
2021	1,362.19	23	24	1,516	31.90	48
	637,406.82	177,756	182,462	537,808		17,804
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
1974	187.00	134	138	68	19.60	3
1979	1,741.00	1,166	1,197	718	21.69	33
1982	269.00	172	177	119	22.89	5
1985	1,328.00	811	832	628	24.03	26

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
1986	3,352.00	2,012	2,065	1,622	24.40	66
1987	6,011.00	3,548	3,642	2,970	24.75	120
1988	1,268.00	735	754	640	25.10	25
1989	104,255.00	59,331	60,902	53,779	25.44	2,114
1991	9,514.00	5,209	5,347	5,118	26.09	196
1993	3,848.00	2,021	2,075	2,158	26.70	81
1995	866.00	435	447	506	27.27	19
1996	2,568.00	1,259	1,292	1,532	27.55	56
1997	1,494.00	714	733	910	27.81	33
1998	11,590.00	5,395	5,538	7,211	28.07	257
1999	346.00	157	161	219	28.32	8
2001	1,421.00	606	622	941	28.78	33
2002	5,016.00	2,066	2,121	3,397	29.01	117
2003	568.00	226	232	393	29.22	13
2006	58,901.00	20,735	21,284	43,507	29.81	1,459
2007	6,471.09	2,172	2,230	4,889	29.99	163
2008	48,308.65	15,390	15,797	37,342	30.17	1,238
2009	3,081.37	928	953	2,437	30.34	80
2010	2,353.49	665	683	1,906	30.50	62
2011	94,598.39	24,930	25,590	78,468	30.66	2,559
2012	7,363.47	1,797	1,845	6,255	30.80	203
2013	6,681.38	1,490	1,529	5,820	30.95	188
2014	12,803.19	2,576	2,644	11,439	31.09	368
2015	3,161.07	564	579	2,898	31.22	93
2016	52,599.85	8,152	8,368	49,492	31.34	1,579
2017	114,521.03	14,864	15,258	110,716	31.47	3,518
2018	20,587.48	2,137	2,194	20,453	31.58	648
2019	60,924.70	4,645	4,768	62,249	31.69	1,964
2020	3,500.88	165	169	3,682	31.80	116
2021	211,911.71	3,455	3,546	229,556	31.90	7,196
	863,410.75	190,662	195,710	754,042		24,639
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -108						
1993	46,751.00	46,433	47,662	49,580	26.70	1,857
1994	19,252.00	18,706	19,201	20,843	26.99	772

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -108						
1995	23,287.00	22,114	22,699	25,738	27.27	944
1996	6,688.00	6,198	6,362	7,549	27.55	274
1997	15,148.00	13,695	14,058	17,450	27.81	627
2000	25,271.00	21,010	21,566	30,997	28.55	1,086
2009	9,611.20	5,470	5,615	14,376	30.34	474
2010	1,675.20	895	919	2,566	30.50	84
2011	361.73	180	185	568	30.66	19
2012	1,331.06	614	630	2,138	30.80	69
2013	1,888.03	796	817	3,110	30.95	100
2015	57,374.25	19,372	19,885	99,454	31.22	3,186
2016	71,836.42	21,053	21,610	127,809	31.34	4,078
2017	1,699.00	417	428	3,106	31.47	99
2019	6,493.01	936	961	12,545	31.69	396
2020	31,540.19	2,805	2,879	62,724	31.80	1,972
2021	82,368.63	2,539	2,606	168,721	31.90	5,289
	402,575.72	183,233	188,084	649,273		21,326
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
1974	5,749.00	4,455	4,573	2,268	19.60	116
1977	452.00	337	346	192	20.87	9
1978	298.00	219	225	130	21.28	6
1980	1,740.00	1,242	1,275	796	22.10	36
1982	1,358.00	941	966	650	22.89	28
1983	692.00	472	484	339	23.28	15
1989	51,968.00	31,995	32,842	29,000	25.44	1,140
1990	17,444.00	10,538	10,817	9,941	25.77	386
1991	19,028.00	11,269	11,567	11,076	26.09	425
1995	45,371.00	24,650	25,303	28,689	27.27	1,052
1996	5,650.00	2,996	3,075	3,648	27.55	132
1997	1,084.00	561	576	714	27.81	26
1998	354.00	178	183	239	28.07	9
2000	11,622.00	5,528	5,674	8,156	28.55	286
2008	15,741.12	5,425	5,569	13,163	30.17	436
2011	17,320.64	4,938	5,069	15,543	30.66	507
2013	5,048.23	1,218	1,250	4,757	30.95	154

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
2016	19,929.15	3,342	3,430	20,285	31.34	647
2017	25,105.46	3,525	3,618	26,257	31.47	834
2019	163,974.98	13,524	13,882	181,248	31.69	5,719
2021	46,275.77	816	838	54,231	31.90	1,700
	456,205.35	128,169	131,562	411,322		13,663
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -8						
2001	22,634.00	12,501	12,832	11,613	18.02	644
2002	1,835.00	989	1,015	967	18.08	53
2008	41,296.85	18,213	18,695	25,905	18.40	1,408
2011	45,054.21	16,994	17,444	31,215	18.54	1,684
2018	54,917.25	9,024	9,263	50,048	18.78	2,665
	165,737.31	57,721	59,249	119,747		6,454
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -17						
1974	272.00	229	235	83	14.84	6
2001	20,938.00	12,528	12,860	11,638	18.02	646
2002	1,835.00	1,071	1,099	1,048	18.08	58
2008	14,085.54	6,730	6,908	9,572	18.40	520
2011	45,421.39	18,560	19,051	34,092	18.54	1,839
2018	41,684.03	7,420	7,616	41,154	18.78	2,191
	124,235.96	46,538	47,770	97,586		5,260

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1973	58.00	46	47	17	15.01	1
1989	2,630.00	1,787	1,834	1,059	17.55	60
1990	6,681.00	4,482	4,601	2,748	17.67	156
1992	16,661.00	10,880	11,168	7,159	17.88	400
1993	6,809.00	4,382	4,498	2,992	17.98	166
2000	31,941.00	18,068	18,546	16,589	18.58	893
2001	85,293.00	47,124	48,372	45,451	18.65	2,437
2002	56,208.00	30,274	31,075	30,753	18.72	1,643
2003	14,091.00	7,387	7,583	7,918	18.78	422
2006	11,039.00	5,256	5,395	6,748	18.96	356
2007	30,587.00	14,020	14,391	19,255	19.01	1,013
2008	111,450.37	48,938	50,234	72,362	19.07	3,795
2009	11,600.67	4,860	4,989	7,772	19.12	406
2010	31,370.30	12,483	12,813	21,694	19.16	1,132
2011	53,915.55	20,223	20,758	38,549	19.21	2,007
2012	127,309.83	44,683	45,866	94,175	19.25	4,892
2013	18,203.08	5,909	6,065	13,958	19.30	723
2014	770.08	229	235	612	19.34	32
2015	91,853.02	24,529	25,178	75,860	19.37	3,916
2016	17,427.47	4,093	4,201	14,969	19.41	771
2017	260,548.90	51,990	53,366	233,237	19.45	11,992
2018	126,298.99	20,438	20,979	117,950	19.48	6,055
2019	23,578.42	2,852	2,928	23,009	19.51	1,179
2020	13,733.51	1,044	1,072	14,035	19.54	718
2021	65,296.31	1,720	1,766	70,060	19.57	3,580
	1,215,354.50	387,697	397,961	938,929		48,745
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
2000	84,308.00	110,638	113,567	50,833	9.84	5,166
2002	100,357.00	127,541	130,918	64,779	9.87	6,563
2011	17,001.98	16,717	17,160	15,994	9.98	1,603
2019	5,004.05	1,913	1,964	7,794	10.05	776
	206,671.03	256,809	263,608	139,401		14,108

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -11						
1993	265.00	175	180	115	17.41	7
2001	842.00	478	491	444	18.02	25
2002	42,099.00	23,313	23,930	22,800	18.08	1,261
2008	16,282.01	7,380	7,575	10,498	18.40	571
2012	123,805.85	44,912	46,101	91,324	18.58	4,915
2018	41,701.83	7,042	7,228	39,061	18.78	2,080
	224,995.69	83,300	85,505	164,240		8,859
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1980	1,420.00	1,324	1,359	572	15.85	36
1985	1,853.00	1,648	1,692	828	16.55	50
1989	172.00	146	150	84	17.01	5
1992	2,411.00	1,974	2,026	1,253	17.31	72
1993	5,928.00	4,784	4,911	3,151	17.41	181
2000	9,983.00	7,107	7,295	6,282	17.95	350
2001	2,745.00	1,909	1,960	1,774	18.02	98
2002	5,052.00	3,428	3,519	3,352	18.08	185
2003	5,961.00	3,939	4,043	4,064	18.14	224
2006	11,121.00	6,682	6,859	8,266	18.31	451
2008	41,055.22	22,801	23,405	32,430	18.40	1,762
2009	2,888.77	1,532	1,573	2,356	18.45	128
2010	11,255.39	5,671	5,821	9,486	18.49	513
2011	50,665.27	24,065	24,702	44,203	18.54	2,384
2012	2,306.11	1,025	1,052	2,084	18.58	112
2013	87,549.27	36,108	37,064	82,003	18.61	4,406
2014	27,814.70	10,494	10,772	27,056	18.65	1,451
2015	10,823.25	3,671	3,768	10,951	18.69	586
2016	2,792.67	834	856	2,942	18.72	157
2017	118,920.66	30,343	31,146	130,586	18.75	6,965
2018	845,541.27	174,951	179,583	970,353	18.78	51,669
2019	2,900.77	448	460	3,485	18.81	185
2020	5,862.74	570	585	7,388	18.84	392
	1,257,022.09	345,454	354,600	1,354,950		72,362

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
1969	555.00	641	658	202	13.85	15
1990	1,367.00	1,310	1,345	774	17.12	45
1993	342.00	315	323	207	17.41	12
2000	4,090.00	3,319	3,407	2,933	17.95	163
2002	93.00	72	74	70	18.08	4
2008	20,581.85	13,027	13,372	18,530	18.40	1,007
2011	31,147.74	16,861	17,307	30,972	18.54	1,671
2017	22,373.33	6,506	6,678	28,000	18.75	1,493
2018	17,457.80	4,117	4,226	22,834	18.78	1,216
	98,007.72	46,168	47,390	104,522		5,626
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -5						
1974	30,481.00	22,846	23,451	8,554	15.21	562
1975	1,622.00	1,206	1,238	465	15.41	30
1976	9,109.00	6,719	6,897	2,668	15.60	171
1977	7,420.00	5,429	5,573	2,218	15.78	141
1978	1,685.00	1,222	1,254	515	15.96	32
1979	2,024.00	1,456	1,495	631	16.13	39
1982	7,235.00	5,062	5,196	2,401	16.62	144
1983	1,104.00	765	785	374	16.77	22
1985	13,833.00	9,392	9,641	4,884	17.05	286
1986	10,669.00	7,168	7,358	3,845	17.18	224
1998	19,275.00	10,860	11,148	9,091	18.43	493
1999	465.00	257	264	224	18.50	12
2002	284,671.00	146,356	150,231	148,674	18.72	7,942
2007	25,170.49	11,013	11,305	15,124	19.01	796
2008	394,538.97	165,367	169,745	244,521	19.07	12,822
2015	2,854.22	728	747	2,250	19.37	116

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -5						
2019	3,079.81	356	365	2,868	19.51	147
2020	96,081.43	6,969	7,153	93,732	19.54	4,797
2021	14,440.90	363	373	14,790	19.57	756
	925,758.82	403,534	414,217	557,830		29,532
	57,055,255.42	20,782,205	21,332,403	40,970,729		1,450,893
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					28.2	2.54

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
1963	450,092.16	339,323	389,714	78,381	20.47	3,829
2012	1,790,323.54	410,743	471,741	1,390,196	33.53	41,461
	2,240,415.70	750,066	861,455	1,468,577		45,290
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
1991	17,869,699.00	8,440,195	9,702,858	9,775,114	39.39	248,162
2019	1,019,278.85	58,417	67,156	1,043,858	45.05	23,171
	18,888,977.85	8,498,612	9,770,014	10,818,972		271,333
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1973	414,590.00	287,672	330,393	88,343	21.24	4,159
1975	918.00	626	719	208	21.67	10
	415,508.00	288,298	331,112	88,551		4,169
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
1988	633,636.00	389,447	447,282	306,745	30.93	9,917
	633,636.00	389,447	447,282	306,745		9,917

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -8						
1954	45,569.00	40,517	46,534	2,681	12.99	206
1955	7,207.00	6,365	7,310	473	13.35	35
	52,776.00	46,882	53,844	3,154		241
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -17						
1952	26,361.00	25,726	29,546	1,296	12.26	106
1970	2,444.00	2,125	2,441	419	17.06	25
1977	4,658.00	3,857	4,430	1,020	17.92	57
1995	96,275.00	65,422	75,137	37,504	19.04	1,970
	129,738.00	97,130	111,554	40,239		2,158
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1942	93,152.47	90,360	102,468			
1955	2,981.00	2,672	3,106	173	13.60	13
1975	77,811.00	60,894	70,790	14,802	18.30	809
1990	8,497.00	5,750	6,684	2,662	19.55	136
2009	57,529.81	24,313	28,264	35,019	20.02	1,749
	239,971.28	183,989	211,312	52,656		2,707
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
1949	2,830.00	4,917	5,518			
	2,830.00	4,917	5,518			

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -11						
1955	72,465.00	65,778	75,587	4,849	13.35	363
1956	125.00	113	130	9	13.70	1
	72,590.00	65,891	75,717	4,858		364
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1941	29,471.00	35,543	40,081			
2000	16,553.00	11,888	14,424	8,088	19.16	422
	46,024.00	47,431	54,505	8,088		422
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
1950	8,678.00	11,361	13,055	396	11.53	34
	8,678.00	11,361	13,055	396		34
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. 0						
1919	84,399.00	81,552	84,399			
	84,399.00	81,552	84,399			
	22,815,543.83	10,465,576	12,019,767	12,792,236		336,635
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 38.0						1.48

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 340.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 65-R4						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. 0						
1948	3,037.00	2,743	1,881	1,156	6.30	183
1949	454.00	408	280	174	6.61	26
1950	202.00	180	123	79	6.94	11
1976	4,000.00	2,686	1,842	2,158	20.98	103
	7,693.00	6,017	4,126	3,567		323

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 11.0 4.20

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LINCOLN CTS						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 12-2040						
NET SALVAGE PERCENT.. -9						
1995	26,147,173.83	16,851,728	14,549,197	13,951,223	17.44	799,955
1999	616,473.00	368,621	318,255	353,701	17.84	19,826
2002	99,156.00	55,281	47,728	60,352	18.08	3,338
2004	99,500.00	52,475	45,305	63,150	18.21	3,468
2008	56,055.51	25,558	22,066	39,035	18.44	2,117
2010	517,918.39	214,206	184,938	379,593	18.53	20,485
2011	10,796.31	4,210	3,635	8,133	18.58	438
2012	3,646.96	1,332	1,150	2,825	18.61	152
2013	138,706.05	46,950	40,535	110,655	18.65	5,933
2014	833,934.96	258,417	223,108	685,881	18.68	36,717
2015	1,742.66	486	420	1,480	18.71	79
2016	28,970.16	7,114	6,142	25,435	18.74	1,357
2017	6,429.42	1,345	1,161	5,847	18.77	312
2018	14,896.59	2,537	2,190	14,047	18.79	748
2019	36,855.78	4,677	4,038	36,135	18.82	1,920
2020	165,292.42	13,205	11,401	168,768	18.84	8,958
2021	7,733.79	218	188	8,242	18.85	437
	28,785,281.83	17,908,360	15,461,456	15,914,501		906,240
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
1949	510,074.67	518,308	447,489	123,794	5.10	24,273
1978	143,412.00	110,387	95,304	65,317	17.07	3,826
1979	37,129.00	28,135	24,291	17,294	17.62	981
1982	44,051.00	31,779	27,437	21,900	19.25	1,138
1989	365,842.00	232,107	200,393	209,350	22.73	9,210
1992	912,426.00	544,018	469,686	552,231	24.00	23,010
1994	19,185.00	10,937	9,443	12,045	24.77	486
1995	9,850.00	5,486	4,736	6,296	25.12	251
2006	88,083.00	34,451	29,744	68,909	28.01	2,460
2007	95,854.01	35,794	30,903	76,453	28.19	2,712
2008	192,255.49	68,250	58,925	156,401	28.36	5,515
2009	66,114.15	22,180	19,149	54,898	28.53	1,924
2010	84,573.29	26,687	23,041	71,681	28.68	2,499
2011	84,046.26	24,766	21,382	72,750	28.82	2,524
2012	122,529,968.95	33,412,256	28,846,982	108,386,583	28.96	3,742,631

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
2013	1,097,304.32	274,419	236,924	992,057	29.08	34,115
2014	449,119.56	101,483	87,617	415,397	29.20	14,226
2015	8,358,391.15	1,677,750	1,448,511	7,912,887	29.31	269,972
2016	6,337,617.53	1,106,315	955,154	6,142,978	29.41	208,874
2017	3,657,748.11	535,764	462,560	3,634,118	29.51	123,149
2018	15,030.06	1,762	1,521	15,312	29.60	517
2019	399,522.36	34,379	29,682	417,783	29.68	14,076
2021	3,667,614.68	66,381	57,311	4,050,417	29.83	135,783
	149,165,212.59	38,903,794	33,588,185	133,476,853		4,624,152
LEE CTS						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -11						
2009	53,973.67	20,047	17,308	42,603	24.34	1,750
2014	27,586.63	7,048	6,085	24,536	24.75	991
2015	117,965.95	26,910	23,233	107,709	24.82	4,340
2017	492,127.55	82,868	71,545	474,716	24.94	19,034
2019	689,829.30	69,006	59,577	706,133	25.04	28,200
2020	7,728.74	481	415	8,164	25.09	325
	1,389,211.84	206,360	178,164	1,363,861		54,640
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2002	25,874,639.50	13,489,981	11,646,781	16,297,829	20.23	805,627
2003	2,652,195.87	1,343,877	1,160,257	1,704,115	20.32	83,864
2007	110,456.00	48,587	41,948	77,344	20.65	3,745
2008	257,184.70	108,240	93,451	184,309	20.72	8,895
2010	3,602.65	1,369	1,182	2,709	20.84	130
2011	847.23	303	262	653	20.90	31
2013	82,278.79	25,389	21,920	66,941	21.00	3,188
2014	162,342.52	45,651	39,413	135,916	21.05	6,457
2015	17,570.17	4,434	3,828	15,148	21.09	718
2016	280,966.13	62,218	53,717	249,727	21.13	11,819

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2017	124,423.31	23,383	20,188	114,189	21.17	5,394
2018	114,139.79	17,339	14,970	108,301	21.20	5,109
2019	37,355.64	4,220	3,643	36,701	21.23	1,729
2020	268,166.77	18,967	16,375	273,245	21.26	12,853
	29,986,169.07	15,193,958	13,117,936	19,267,127		949,559
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2008	561,529.47	247,881	214,012	369,979	17.98	20,577
2009	91,021.79	38,402	33,155	61,508	18.02	3,413
2010	125,068.52	50,126	43,277	86,794	18.07	4,803
2014	106,107.51	31,947	27,582	82,770	18.21	4,545
2015	6,574.00	1,782	1,539	5,298	18.24	290
2016	2,236,285.40	534,594	461,550	1,864,187	18.26	102,091
2017	160,955.39	32,816	28,332	139,061	18.29	7,603
2018	44,573.80	7,386	6,377	39,980	18.31	2,184
2020	17,259.39	1,348	1,164	16,786	18.35	915
2021	83,197.69	2,248	1,941	84,585	18.37	4,605
	3,432,572.96	948,530	818,928	2,750,948		151,026
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2009	157,427.07	53,435	46,134	128,610	27.72	4,640
2011	126,467,520.21	37,735,265	32,579,318	107,799,629	27.99	3,851,362
2013	410,122.60	104,040	89,825	365,412	28.22	12,949
2014	11,718.69	2,688	2,321	10,687	28.33	377
2015	2,716,069.69	554,670	478,883	2,535,955	28.43	89,200
2016	2,469,156.75	438,358	378,463	2,362,301	28.52	82,830
2017	13,952,789.83	2,084,631	1,799,798	13,687,799	28.61	478,427
2018	1,973,704.80	235,775	203,560	1,987,252	28.69	69,266

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2019	2,544,381.71	223,315	192,802	2,631,461	28.77	91,465
2020	4,446,240.44	240,893	207,979	4,727,348	28.84	163,916
2021	377,196.76	7,122	6,149	412,540	28.90	14,275
	155,526,328.55	41,680,192	35,985,231	136,648,994		4,858,707
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -12						
1958	2,800,641.70	2,697,578	2,328,995	807,724	7.70	104,899
2018	136,750,764.37	13,844,210	11,952,610	141,208,246	34.82	4,055,378
2019	884,429.03	65,347	56,418	934,142	34.97	26,713
2020	680,533.46	30,839	26,625	735,572	35.10	20,956
	141,116,368.56	16,637,974	14,364,649	143,685,684		4,207,946
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -13						
2019	8,567,151.48	617,834	533,417	9,147,464	36.23	252,483
2020	38,387.45	1,696	1,464	41,914	36.38	1,152
	8,605,538.93	619,530	534,881	9,189,378		253,635
LARK MAINTENANCE FACILITY						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -5						
1978	85,842.33	61,364	52,980	37,155	17.54	2,118
1986	1,400,555.42	857,865	740,651	729,932	22.72	32,127
1987	17,037.00	10,208	8,813	9,076	23.37	388
1988	62,614.60	36,680	31,668	34,077	24.01	1,419
1989	103,445.00	59,212	51,122	57,496	24.64	2,333
1992	1,119,480.54	595,074	513,766	661,688	26.48	24,988
1996	103,020.00	49,057	42,354	65,817	28.74	2,290

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LARK MAINTENANCE FACILITY						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -5						
2012	21,400.00	4,729	4,083	18,387	34.85	528
2013	165,184.10	33,275	28,728	144,715	35.09	4,124
2014	1,024,587.95	185,568	160,213	915,604	35.31	25,930
2016	1,322,344.73	182,972	157,972	1,230,490	35.71	34,458
2017	23,049,887.15	2,658,390	2,295,161	21,907,220	35.90	610,229
2018	483,843.19	44,351	38,291	469,744	36.07	13,023
2019	318,763.74	21,361	18,442	316,260	36.23	8,729
2020	428,054.69	17,569	15,168	434,289	36.38	11,938
	29,706,060.44	4,817,675	4,159,413	27,031,950		774,622
	547,712,744.77	136,916,373	118,208,843	489,329,296		16,780,527
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					29.2	3.06

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.66 STRUCTURES AND IMPROVEMENTS - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MOCKSVILLE						
INTERIM SURVIVOR CURVE.. IOWA 40-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -11						
2017	101,358.46	18,056	12,507	100,001	23.54	4,248
	101,358.46	18,056	12,507	100,001		4,248
MONROE						
INTERIM SURVIVOR CURVE.. IOWA 40-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -14						
2017	2,711,075.87	481,921	333,829	2,756,797	24.36	113,169
	2,711,075.87	481,921	333,829	2,756,797		113,169
GASTON						
INTERIM SURVIVOR CURVE.. IOWA 40-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2050						
NET SALVAGE PERCENT.. -12						
2020	419,744.32	24,437	16,928	453,186	27.36	16,564
	419,744.32	24,437	16,928	453,186		16,564
MAIDEN CREEK						
INTERIM SURVIVOR CURVE.. IOWA 40-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -17						
2021	4,698,133.36	95,260	65,987	5,430,829	28.36	191,496
	4,698,133.36	95,260	65,987	5,430,829		191,496
	7,930,312.01	619,674	429,251	8,740,813		325,477
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 26.9						4.10

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LINCOLN CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2040						
NET SALVAGE PERCENT.. -9						
1995	12,187,426.30	7,839,726	9,136,991	4,147,304	16.73	247,896
1996	60,039.00	37,952	44,232	21,210	16.87	1,257
2011	27,291.16	10,605	12,360	17,388	18.23	954
2012	10,454.63	3,800	4,429	6,967	18.29	381
2014	14,015.46	4,326	5,042	10,235	18.38	557
2015	4,995.66	1,387	1,617	3,829	18.43	208
2016	22,960.26	5,613	6,542	18,485	18.47	1,001
2017	18,430.97	3,844	4,480	15,610	18.51	843
2018	18,492.14	3,130	3,648	16,509	18.55	890
2019	597,816.13	75,640	88,156	563,463	18.58	30,326
2020	3,176.85	254	296	3,167	18.61	170
2021	3,405.32	95	111	3,601	18.64	193
	12,968,503.88	7,986,372	9,307,903	4,827,766		284,676
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
2012	18,870,360.21	5,146,536	5,998,150	15,136,654	27.96	541,368
2013	65,237.32	16,308	19,007	54,059	28.12	1,922
2014	337,170.80	76,210	88,821	288,811	28.28	10,213
2015	814,565.42	163,550	190,613	721,700	28.43	25,385
2016	165,953.42	28,945	33,735	152,133	28.57	5,325
2017	65,397.84	9,583	11,169	62,077	28.70	2,163
2018	64,284.94	7,515	8,759	63,241	28.83	2,194
2019	119,682.66	10,304	12,009	122,036	28.94	4,217
2020	33,281.11	1,772	2,065	35,210	29.05	1,212
2021	1,235,706.30	22,877	26,663	1,357,329	29.15	46,564
	21,771,640.02	5,483,600	6,390,989	17,993,248		640,563

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -11						
2014	33,721.31	8,585	10,005	27,425	24.16	1,135
2020	143,892.02	8,877	10,346	149,374	24.64	6,062
	177,613.33	17,462	20,351	176,800		7,197
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2002	9,882,037.00	5,138,110	5,988,330	4,684,270	19.55	239,605
2003	4,973,348.70	2,512,655	2,928,432	2,442,784	19.67	124,188
2010	10,327.58	3,907	4,554	6,600	20.37	324
2011	2,428.71	864	1,007	1,616	20.45	79
2013	21,151.85	6,495	7,570	15,274	20.59	742
2014	13,457.57	3,769	4,393	10,142	20.65	491
2015	50,367.83	12,657	14,751	39,646	20.71	1,914
2016	14,672.83	3,231	3,766	12,081	20.77	582
2017	15,794.46	2,959	3,449	13,609	20.82	654
2018	169,678.47	25,672	29,920	153,333	20.87	7,347
2020	1,176.19	83	97	1,174	20.96	56
	15,154,441.19	7,710,402	8,986,267	7,380,529		375,982
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2010	53,450.60	21,331	24,861	30,728	17.73	1,733
2011	28,042.76	10,565	12,313	16,851	17.78	948
2012	24,117.36	8,512	9,921	15,162	17.83	850
2014	104,843.92	31,469	36,676	72,361	17.92	4,038
2016	65,503.02	15,579	18,157	49,966	18.01	2,774
2017	142,736.69	29,000	33,799	114,647	18.04	6,355
2018	7,425.89	1,225	1,428	6,295	18.08	348
	426,120.24	117,681	137,154	306,011		17,046

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2009	30,515.10	10,365	12,080	21,792	26.67	817
2011	27,869,468.09	8,311,336	9,686,640	21,248,470	27.03	786,107
2014	772,341.52	177,204	206,527	650,773	27.48	23,682
2015	240,077.20	48,983	57,088	209,397	27.62	7,581
2016	1,208,418.90	214,079	249,503	1,091,842	27.75	39,346
2017	19,492.85	2,904	3,385	18,253	27.87	655
2018	31,847.20	3,800	4,429	30,922	27.98	1,105
2019	229,979.80	20,172	23,510	231,768	28.09	8,251
2020	37,259.11	2,023	2,358	39,000	28.19	1,383
	30,439,399.77	8,790,866	10,245,519	23,542,215		868,927
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -12						
2018	16,467,887.44	1,666,787	1,942,596	16,501,438	33.62	490,822
2020	61,921.96	2,818	3,284	66,068	33.99	1,944
2021	17,162.25	266	310	18,912	34.16	554
	16,546,971.65	1,669,871	1,946,190	16,586,418		493,320
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -13						
2019	1,223,118.39	88,484	103,126	1,278,998	34.94	36,606
	1,223,118.39	88,484	103,126	1,278,998		36,606
	98,707,808.47	31,864,738	37,137,499	72,091,985		2,724,317
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					26.5	2.76

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LINCOLN CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 12-2040						
NET SALVAGE PERCENT.. -9						
1995	167,108,671.56	106,321,873	142,591,241	39,557,211	14.87	2,660,202
1996	48,392,921.55	30,229,514	40,541,648	12,206,637	15.07	809,996
1999	23,547.00	13,825	18,541	7,125	15.64	456
2000	10,247.62	5,881	7,887	3,283	15.81	208
2001	1,047,863.00	586,722	786,869	355,301	15.98	22,234
2002	3,913,598.73	2,135,556	2,864,054	1,401,769	16.13	86,904
2007	613,069.42	284,138	381,065	287,180	16.79	17,104
2008	6,708,766.61	2,978,331	3,994,323	3,318,233	16.91	196,229
2011	5,038.27	1,914	2,567	2,925	17.20	170
2012	4,755,828.28	1,690,921	2,267,741	2,916,111	17.29	168,659
2013	12,665,068.17	4,174,747	5,598,870	8,206,054	17.37	472,427
2014	258,633.00	78,041	104,663	177,247	17.45	10,157
2015	6,309,653.69	1,712,022	2,296,041	4,581,482	17.53	261,351
2016	193,060.63	46,121	61,854	148,582	17.60	8,442
2017	486,442.74	99,311	133,189	397,034	17.66	22,482
2018	2,256,774.69	373,091	500,363	1,959,522	17.73	110,520
2019	1,920,174.19	237,764	318,872	1,774,118	17.79	99,726
2020	706,300.59	55,276	74,132	695,735	17.84	38,999
2021	146,433.25	3,998	5,362	154,250	17.90	8,617
	257,522,092.99	151,029,046	202,549,282	78,149,799		4,994,883
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
1977	989,951.40	807,644	1,083,154	25,592	10.86	2,357
1978	542,012.00	436,125	584,899	22,154	11.26	1,967
1988	272,369.00	184,109	246,914	58,140	15.74	3,694
1995	164,976.00	94,665	126,958	57,815	18.99	3,044
1998	77,255.00	40,726	54,619	31,907	20.31	1,571
2004	104,209.00	44,465	59,633	57,081	22.70	2,515
2007	148,561.00	55,276	74,132	92,256	23.72	3,889
2012	134,541,817.26	36,205,526	48,556,245	102,130,590	25.17	4,057,632
2013	507,925.02	125,022	167,671	401,206	25.42	15,783
2014	692,556.64	153,876	206,367	569,296	25.66	22,186
2015	980,779.74	193,617	259,665	838,808	25.89	32,399
2016	833,777.45	142,708	191,390	742,441	26.11	28,435
2017	2,677,232.17	385,367	516,826	2,481,674	26.31	94,324

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
2018	526,426.18	60,475	81,105	508,493	26.51	19,181
2019	10,502,534.25	884,095	1,185,685	10,577,154	26.70	396,148
2020	2,235,620.67	116,356	156,048	2,347,847	26.88	87,345
2021	4,997,154.03	89,605	120,172	5,476,641	27.05	202,464
	160,795,156.81	40,019,657	53,671,483	126,419,093		4,974,934
LEE CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -11						
2007	52,246,789.30	21,058,758	28,242,490	29,751,446	21.10	1,410,021
2014	894,557.19	222,870	298,897	694,061	22.39	30,999
2015	2,592,352.19	576,740	773,482	2,104,029	22.54	93,346
2016	156,075.20	30,312	40,652	132,591	22.68	5,846
2017	188,966.74	30,949	41,507	168,247	22.82	7,373
2018	1,548,122.80	203,993	273,581	1,444,836	22.94	62,983
2020	160,753.45	9,752	13,079	165,358	23.18	7,134
2021	142,327.92	2,995	4,017	153,967	23.29	6,611
	57,929,944.79	22,136,369	29,687,704	34,614,535		1,624,313
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2002	92,923,526.66	47,598,515	63,835,701	36,521,707	17.69	2,064,540
2003	88,842,731.45	44,138,028	59,194,745	36,755,405	17.89	2,054,522
2010	1,681.23	622	834	982	18.98	52
2011	141,383.77	49,236	66,032	86,663	19.10	4,537
2012	1,506,032.60	489,321	656,242	970,273	19.22	50,482
2013	125,801.64	37,760	50,641	85,225	19.33	4,409
2014	2,190.77	600	805	1,561	19.43	80
2015	8,199.41	2,014	2,701	6,154	19.53	315
2016	17,824.64	3,839	5,149	14,102	19.63	718
2017	32,973.44	6,030	8,087	27,524	19.72	1,396

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2018	380,247.57	56,212	75,387	335,280	19.80	16,933
2019	32,786.25	3,615	4,848	30,561	19.88	1,537
2020	328,445.12	22,628	30,347	324,374	19.96	16,251
	184,343,824.55	92,408,420	123,931,520	75,159,811		4,215,772
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2007	796,671.91	357,017	478,805	349,733	16.43	21,286
2008	44,979.79	19,349	25,949	20,829	16.53	1,260
2009	146,094.02	60,023	80,499	71,439	16.63	4,296
2011	10,732,212.79	3,953,515	5,302,170	5,859,332	16.81	348,562
2012	9,798,741.52	3,382,087	4,535,812	5,654,880	16.89	334,806
2013	11,207,849.23	3,589,049	4,813,374	6,842,789	16.97	403,229
2014	3,379,224.78	991,832	1,330,174	2,184,220	17.04	128,182
2015	4,431,143.98	1,171,176	1,570,697	3,037,693	17.11	177,539
2017	3,524,155.08	701,394	940,659	2,724,462	17.24	158,031
2018	7,818,126.70	1,265,892	1,697,723	6,433,129	17.30	371,857
2019	13,346,737.73	1,611,400	2,161,094	11,719,514	17.36	675,087
2020	13,178,002.53	1,006,504	1,349,851	12,355,272	17.41	709,665
2021	15,317,123.59	408,759	548,198	15,381,610	17.47	880,459
	93,721,063.65	18,517,997	24,835,004	72,634,902		4,214,259
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2009	271,226.85	91,068	122,134	178,928	23.82	7,512
2011	140,451,077.86	41,316,803	55,411,121	100,489,575	24.35	4,126,882
2013	1,190,949.49	296,514	397,663	924,291	24.83	37,225
2014	711,803.22	160,383	215,094	575,007	25.05	22,954
2015	275,793.10	55,226	74,065	232,065	25.26	9,187
2016	1,722,595.36	299,566	401,756	1,510,325	25.46	59,321
2017	134,008.50	19,589	26,271	122,478	25.65	4,775
2018	2,997,613.32	350,370	469,891	2,857,460	25.83	110,626

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2019	7,926,030.77	683,508	916,672	7,881,222	26.00	303,124
2020	4,704,516.37	250,761	336,303	4,885,711	26.17	186,691
2021	422,864.86	7,717	10,349	459,031	26.33	17,434
	160,808,479.70	43,531,505	58,381,320	120,116,092		4,885,731
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -12						
2014	18,939.80	3,761	5,044	16,169	28.86	560
2017	429,982.43	54,385	72,937	408,643	29.85	13,690
2018	121,122,432.09	12,161,661	16,310,344	119,346,780	30.16	3,957,121
2019	2,625,975.15	192,289	257,884	2,683,208	30.45	88,118
2020	1,451,612.29	65,016	87,195	1,538,611	30.73	50,069
2021	111,566.78	1,749	2,346	122,609	30.99	3,956
	125,760,508.54	12,478,861	16,735,750	124,116,020		4,113,514
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -13						
2019	12,164,887.11	872,754	1,170,475	12,575,847	31.27	402,170
2020	55,512.13	2,443	3,276	59,452	31.58	1,883
2021	12,742.93	192	257	14,142	31.87	444
	12,233,142.17	875,389	1,174,009	12,649,442		404,497
	1,053,114,213.20	380,997,244	510,966,072	643,859,694		29,427,903
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					21.9	2.79

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 6-L4						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. +40						
2015	10,713,309.99	5,238,809	3,078,787	3,349,199	1.11	3,017,296
2019	34,967,151.12	8,706,821	5,116,898	15,863,393	3.51	4,519,485
	45,680,461.11	13,945,630	8,195,685	19,212,592		7,536,781
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 6-L4						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. +40						
2014	6,420,724.03	3,255,307	1,913,106	1,939,328	0.93	1,939,328
2019	35,740,289.49	8,899,332	5,230,035	16,214,139	3.51	4,619,413
	42,161,013.52	12,154,639	7,143,141	18,153,467		6,558,741
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 6-L4						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. +40						
2018	42,938,701.23	14,642,011	8,604,940	17,158,281	2.59	6,624,819
2020	461,854.23	69,278	40,714	236,399	4.50	52,533
	43,400,555.46	14,711,289	8,645,654	17,394,679		6,677,352
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 6-L4						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. +40						
2019	717,644.23	178,693	105,016	325,571	3.51	92,755
	717,644.23	178,693	105,016	325,571		92,755
	131,959,674.32	40,990,251	24,089,496	55,086,309		20,865,629
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..				2.6		15.81

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LINCOLN CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2040						
NET SALVAGE PERCENT.. -9						
1995	57,798,983.33	37,179,976	37,146,400	25,854,492	16.73	1,545,397
1996	18,435,032.89	11,653,221	11,642,697	8,451,488	16.87	500,977
2011	22,720.63	8,829	8,821	15,944	18.23	875
2012	8,509.56	3,093	3,090	6,185	18.29	338
2014	184,547.26	56,957	56,906	144,251	18.38	7,848
2015	526,274.37	146,135	146,003	427,636	18.43	23,203
2016	1,013,008.97	247,645	247,421	856,758	18.47	46,386
2017	15,001.95	3,129	3,126	13,226	18.51	715
2018	15,051.74	2,548	2,546	13,861	18.55	747
2019	3,572.88	452	452	3,443	18.58	185
2020	333,114.29	26,582	26,558	336,537	18.61	18,084
2021	80,976.40	2,260	2,258	86,006	18.64	4,614
	78,436,794.27	49,330,827	49,286,278	36,209,828		2,149,369
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
2012	237,879,496.15	64,877,160	64,818,572	201,606,464	27.96	7,210,532
2015	327,031.52	65,662	65,603	300,673	28.43	10,576
2017	36,546.26	5,355	5,350	35,582	28.70	1,240
2019	252,885.93	21,772	21,752	261,480	28.94	9,035
	238,495,959.86	64,969,949	64,911,277	202,204,198		7,231,383
LEE CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -11						
2014	64,368.81	16,387	16,372	55,077	24.16	2,280
	64,368.81	16,387	16,372	55,077		2,280

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2010	8,406.18	3,180	3,177	5,902	20.37	290
2011	1,976.85	704	703	1,432	20.45	70
2013	29,863.29	9,170	9,162	23,091	20.59	1,121
2014	10,953.85	3,068	3,065	8,765	20.65	424
2015	40,997.07	10,302	10,293	33,984	20.71	1,641
2016	11,942.99	2,630	2,628	10,271	20.77	495
2017	833,947.94	156,247	156,106	744,558	20.82	35,762
2018	3,755.55	568	567	3,489	20.87	167
2019	97,037.75	10,907	10,897	93,904	20.92	4,489
2020	16,022.58	1,127	1,126	16,178	20.96	772
	1,054,904.05	197,903	197,724	941,572		45,231
ON-SITE DIESEL GENERATORS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2028						
NET SALVAGE PERCENT.. 0						
2001	594,058.00	449,019	448,614	145,444	6.37	22,833
2002	563,235.00	420,579	420,199	143,036	6.38	22,419
2004	2,006,455.00	1,457,369	1,456,053	550,402	6.39	86,135
2005	772,169.00	551,746	551,248	220,921	6.40	34,519
2010	2,561,688.37	1,631,078	1,629,605	932,083	6.43	144,958
2011	974,725.24	599,739	599,197	375,528	6.44	58,312
2012	408,777.90	241,952	241,734	167,044	6.44	25,939
2013	1,119,722.53	632,061	631,490	488,232	6.45	75,695
2014	1,135,137.10	606,118	605,571	529,566	6.45	82,103
2015	128,699.91	64,199	64,141	64,559	6.45	10,009
2016	3,699,712.69	1,689,622	1,688,096	2,011,616	6.46	311,396
2017	2,187,816.10	892,366	891,560	1,296,256	6.46	200,659
2018	2,131,118.60	744,719	744,046	1,387,072	6.46	214,717
2019	1,546,244.22	427,212	426,826	1,119,418	6.47	173,017
2021	5,053,182.95	362,515	362,188	4,690,995	6.47	725,038
	24,882,742.61	10,770,294	10,760,568	14,122,175		2,187,749

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2000	213,769,728.82	120,304,302	120,195,659	102,124,859	16.96	6,021,513
2010	161,495.79	64,450	64,392	103,564	17.73	5,841
2012	5,191,243.32	1,832,276	1,830,621	3,568,272	17.83	200,127
2016	9,394.05	2,234	2,232	7,538	18.01	419
2017	1,415,164.30	287,525	287,265	1,184,506	18.04	65,660
2018	293,785.41	48,483	48,439	257,098	18.08	14,220
	220,840,811.69	122,539,270	122,428,609	107,245,835		6,307,780
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2009	260,183.69	88,377	88,297	200,507	26.67	7,518
2011	229,576,829.05	68,465,251	68,403,422	186,426,858	27.03	6,897,035
2013	432,673.16	109,664	109,565	370,702	27.34	13,559
2014	27,343.60	6,274	6,268	24,083	27.48	876
2015	8,168.41	1,667	1,665	7,401	27.62	268
2016	96,068.72	17,019	17,004	89,633	27.75	3,230
2017	53,786.83	8,012	8,005	51,699	27.87	1,855
2019	827,752.38	72,604	72,538	846,267	28.09	30,127
2020	87,567.16	4,755	4,751	92,449	28.19	3,279
	231,370,373.00	68,773,623	68,711,516	188,109,598		6,957,747
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -12						
2018	213,089,745.69	21,567,751	21,548,274	217,112,241	33.62	6,457,830
2019	1,125,155.20	83,197	83,122	1,177,052	33.81	34,814
	214,214,900.89	21,650,948	21,631,396	218,289,293		6,492,644

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -13						
2019	781,766.66	56,555	56,504	826,892	34.94	23,666
2020	75,316.87	3,327	3,324	81,784	35.15	2,327
	857,083.53	59,882	59,828	908,676		25,993
	1,010,217,938.71	338,309,083	338,003,568	768,086,252		31,400,176
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					24.5	3.11

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.66 GENERATORS - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COMMUNITY - SMALL						
SURVIVOR CURVE.. IOWA 20-S2.5						
NET SALVAGE PERCENT.. 0						
2010	22,756,011.73	12,231,356	12,484,089	10,271,923	9.25	1,110,478
2011	4,415,170.51	2,198,755	2,244,187	2,170,983	10.04	216,233
2012	886,108.24	404,508	412,866	473,242	10.87	43,537
	28,057,290.48	14,834,619	15,141,142	12,916,148		1,370,248
MOCKSVILLE						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -11						
2016	29,390,361.36	7,442,680	7,596,465	25,026,836	18.54	1,349,883
2020	3,768.90	277	283	3,901	21.15	184
	29,394,130.26	7,442,957	7,596,748	25,030,737		1,350,067
MONROE						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -14						
2017	91,528,677.92	19,504,780	19,907,801	84,434,892	19.53	4,323,343
2020	10,736.46	796	812	11,427	21.57	530
2021	21,831.49	550	561	24,327	22.15	1,098
	91,561,245.87	19,506,126	19,909,175	84,470,645		4,324,971
WOODLEAF						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -12						
2018	13,905,161.31	2,269,256	2,316,145	13,257,635	20.52	646,084
2020	529.21	38	39	554	21.94	25
	13,905,690.52	2,269,294	2,316,184	13,258,189		646,109

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.66 GENERATORS - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GASTON						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2050						
NET SALVAGE PERCENT.. -12						
2020	33,742,748.79	2,360,103	2,408,869	35,383,010	22.52	1,571,182
	33,742,748.79	2,360,103	2,408,869	35,383,010		1,571,182
MAIDEN CREEK						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -17						
2021	75,170,133.59	1,831,099	1,868,934	86,080,122	23.52	3,659,869
	75,170,133.59	1,831,099	1,868,934	86,080,122		3,659,869
	271,831,239.51	48,244,198	49,241,052	257,138,851		12,922,446
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					19.9	4.75

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LINCOLN CTS						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 12-2040						
NET SALVAGE PERCENT.. -9						
1995	19,821,003.31	12,434,480	16,782,742	4,822,152	15.93	302,709
1996	2,620,776.00	1,615,947	2,181,034	675,612	16.07	42,042
2001	89,049.00	49,472	66,772	30,291	16.69	1,815
2002	59,910.00	32,456	43,806	21,496	16.80	1,280
2008	1,295,433.16	573,705	774,326	637,696	17.33	36,797
2009	172,415.26	72,886	98,374	89,559	17.41	5,144
2012	477,529.64	169,451	228,707	291,800	17.61	16,570
2013	184,667.29	60,761	82,009	119,279	17.67	6,750
2014	633,355.96	191,043	257,850	432,508	17.72	24,408
2015	1,066,428.13	289,253	390,403	772,004	17.78	43,420
2016	71,921.44	17,196	23,209	55,185	17.83	3,095
2017	93,783.18	19,106	25,787	76,436	17.88	4,275
2018	162,437.23	26,884	36,285	140,771	17.93	7,851
2019	54,398.76	6,754	9,116	50,179	17.97	2,792
	26,803,108.36	15,559,394	21,000,419	8,214,969		498,948
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
1978	42,703.00	32,031	43,232	4,595	14.79	311
2012	45,168,498.49	11,955,126	16,135,761	34,452,958	26.24	1,312,994
2013	137,356.85	33,259	44,889	108,950	26.43	4,122
2014	229,641.89	50,321	67,918	189,281	26.60	7,116
2015	199,709.16	38,935	52,550	171,124	26.76	6,395
2016	472,473.76	79,937	107,890	421,280	26.92	15,649
2017	47,985.66	6,829	9,217	44,527	27.07	1,645
2018	23,396.01	2,656	3,585	22,619	27.22	831
2019	830,336.34	69,209	93,411	836,566	27.36	30,576
2021	1,257,439.14	22,083	29,805	1,378,527	27.62	49,910
	48,409,540.30	12,290,386	16,588,259	37,630,426		1,429,549

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE CTS						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -11						
2008	9,317.00	3,533	4,768	5,573	22.20	251
2015	65,427.62	14,465	19,523	53,101	23.08	2,301
2016	91,252.90	17,615	23,775	77,516	23.18	3,344
2018	799,278.48	105,089	141,838	745,361	23.37	31,894
2019	35,067.54	3,406	4,597	34,328	23.46	1,463
2020	467,196.31	28,118	37,951	480,637	23.55	20,409
	1,467,539.85	172,226	232,452	1,396,517		59,662
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2002	12,341,910.12	6,249,292	8,434,632	4,894,631	18.58	263,435
2003	1,328,008.68	652,842	881,137	553,112	18.72	29,547
2008	29,033.89	11,851	15,995	15,361	19.29	796
2009	17,162.87	6,670	9,002	9,533	19.39	492
2011	301,054.61	104,357	140,850	184,289	19.57	9,417
2013	779,390.86	233,179	314,720	527,022	19.73	26,712
2014	767,572.42	209,508	282,772	546,207	19.81	27,572
2016	432,044.03	92,762	125,200	341,407	19.95	17,113
2017	427,478.01	78,189	105,531	356,145	20.01	17,798
2019	59,989.87	6,588	8,892	55,897	20.14	2,775
2020	594,703.99	41,093	55,463	586,817	20.19	29,065
2021	457,647.47	10,977	14,816	479,444	20.25	23,676
	17,535,996.82	7,697,308	10,389,010	8,549,867		448,398
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2007	931,117.15	416,037	561,523	406,839	16.86	24,130
2009	19,511.50	7,998	10,795	9,497	17.00	559
2010	212,159.04	82,632	111,528	109,117	17.07	6,392
2014	41,609.64	12,197	16,462	26,812	17.30	1,550
2016	216,997.14	50,531	68,201	157,476	17.40	9,050

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2017	201,943.90	40,116	54,144	155,877	17.45	8,933
2018	472,352.40	76,379	103,088	388,158	17.49	22,193
2019	186.54	23	31	163	17.53	9
	2,095,877.31	685,913	925,773	1,253,939		72,816
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
1988	10,980.00	6,956	9,388	2,799	18.72	150
1993	10,128.00	5,794	7,820	3,422	20.59	166
2009	80,856.83	26,612	35,918	53,833	25.03	2,151
2011	45,735,182.15	13,238,263	17,867,602	32,898,450	25.40	1,295,215
2014	32,010.96	7,117	9,606	25,926	25.91	1,001
2016	1,450,191.30	249,682	336,994	1,272,718	26.20	48,577
2018	40,518.53	4,686	6,325	38,651	26.48	1,460
2020	10,645.64	560	756	11,061	26.73	414
2021	1,149,624.73	21,043	28,402	1,247,682	26.84	46,486
	48,520,138.14	13,560,713	18,302,811	35,554,542		1,395,620
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -12						
2018	37,322,855.60	3,673,942	4,958,697	36,842,901	31.34	1,175,587
	37,322,855.60	3,673,942	4,958,697	36,842,901		1,175,587

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -13						
2019	4,188,010.23	294,832	397,933	4,334,518	32.51	133,329
2020	19,348.43	835	1,127	20,737	32.74	633
2021	13,378.72	199	269	14,849	32.96	451
	4,220,737.38	295,866	399,329	4,370,104		134,413
	186,375,793.76	53,935,748	72,796,750	133,813,265		5,214,993
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					25.7	2.80

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COMMUNITY - SMALL						
SURVIVOR CURVE.. IOWA 20-S2.5						
NET SALVAGE PERCENT.. 0						
2011	98,890.91	49,248	39,489	59,402	10.04	5,917
2012	890,004.18	406,287	325,775	564,229	10.87	51,907
	988,895.09	455,535	365,264	623,631		57,824
MOCKSVILLE						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -11						
2016	2,281,560.00	577,772	463,277	2,069,255	18.54	111,610
	2,281,560.00	577,772	463,277	2,069,255		111,610
MONROE						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -14						
2017	12,869,692.16	2,742,534	2,199,058	12,472,391	19.53	638,627
	12,869,692.16	2,742,534	2,199,058	12,472,391		638,627
GASTON						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2050						
NET SALVAGE PERCENT.. -12						
2020	4,608,876.97	322,363	258,481	4,903,461	22.52	217,738
	4,608,876.97	322,363	258,481	4,903,461		217,738

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MAIDEN CREEK						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -17						
2021	6,577,386.69	160,221	128,471	7,567,071	23.52	321,729
	6,577,386.69	160,221	128,471	7,567,071		321,729
	27,326,410.91	4,258,425	3,414,551	27,635,809		1,347,528
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					20.5	4.93

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LINCOLN CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 12-2040						
NET SALVAGE PERCENT.. -9						
1995	1,743,360.40	1,141,507	1,068,346	831,916	14.61	56,942
1996	11,863.00	7,618	7,130	5,801	14.87	390
1997	12,967.00	8,160	7,637	6,497	15.11	430
1998	27,496.00	16,951	15,865	14,106	15.33	920
1999	32,818.00	19,787	18,519	17,253	15.55	1,110
2000	31,718.00	18,683	17,486	17,087	15.76	1,084
2001	34,881.00	20,041	18,757	19,264	15.96	1,207
2002	22,790.00	12,750	11,933	12,908	16.15	799
2003	22,173.00	12,066	11,293	12,876	16.32	789
2004	30,626.36	16,170	15,134	18,249	16.49	1,107
2005	39,065.74	19,959	18,680	23,902	16.65	1,436
2006	19,022.28	9,380	8,779	11,955	16.80	712
2007	66,696.51	31,648	29,620	43,080	16.94	2,543
2008	23,896.29	10,872	10,175	15,872	17.07	930
2009	391,878.63	170,082	159,181	267,966	17.20	15,579
2010	68,980.14	28,411	26,590	48,598	17.32	2,806
2011	227,623.48	88,414	82,747	165,362	17.43	9,487
2012	76,259.22	27,739	25,961	57,161	17.53	3,261
2013	53,060.80	17,881	16,735	41,101	17.63	2,331
2014	156,859.96	48,416	45,313	125,664	17.72	7,092
2015	101,028.18	28,060	26,262	83,859	17.81	4,709
2016	482,428.94	117,895	110,339	415,509	17.89	23,226
2017	197,971.96	41,274	38,629	177,161	17.97	9,859
2018	324,226.73	54,930	51,409	301,998	18.04	16,740
2019	1,118,628.66	141,622	132,545	1,086,760	18.11	60,009
2020	123,473.03	9,814	9,185	125,401	18.18	6,898
2021	353,408.83	9,677	9,057	376,159	18.24	20,623
	5,795,202.14	2,129,807	1,993,305	4,323,465		253,019
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
2004	32,100.00	14,356	13,436	22,516	22.52	1,000
2010	15,732.23	5,123	4,795	12,825	24.86	516
2012	4,572,926.77	1,281,188	1,199,075	3,922,603	25.51	153,767
2013	749,517.84	192,119	179,806	659,654	25.81	25,558
2014	265,806.67	61,461	57,522	240,182	26.10	9,202

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
2015	2,433,192.00	498,789	466,821	2,258,354	26.38	85,609
2016	71,754.52	12,743	11,926	68,439	26.64	2,569
2017	408,455.97	61,054	57,141	400,330	26.88	14,893
2018	311,169.06	37,092	34,715	313,795	27.12	11,571
2019	383,221.16	33,440	31,297	397,911	27.34	14,554
2020	187,361.77	10,079	9,433	200,412	27.55	7,274
	9,431,237.99	2,207,444	2,065,966	8,497,021		326,513
LEE CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -11						
2014	38,409.21	9,864	9,232	33,402	22.79	1,466
2015	53,534.79	12,279	11,492	47,932	22.96	2,088
2016	365,888.19	73,137	68,450	337,686	23.13	14,599
2017	165,549.23	27,963	26,171	157,589	23.29	6,766
2018	158,636.54	21,500	20,122	155,964	23.44	6,654
2019	199,847.33	20,027	18,743	203,087	23.58	8,613
2020	39,302.66	2,449	2,292	41,334	23.71	1,743
	1,021,167.95	167,219	156,502	976,994		41,929
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2002	2,087,622.46	1,101,546	1,030,947	1,223,686	17.67	69,252
2003	240,320.00	122,983	115,101	144,445	17.90	8,070
2004	18,602.00	9,214	8,623	11,467	18.12	633
2005	367.43	176	165	232	18.33	13
2007	37,669.04	16,640	15,574	25,109	18.71	1,342
2008	101,568.01	42,895	40,146	69,548	18.89	3,682
2009	22,384.63	9,001	8,424	15,751	19.05	827
2010	149,184.95	56,732	53,096	108,024	19.21	5,623
2011	193,479.11	69,171	64,738	144,220	19.36	7,449
2012	100,981.69	33,673	31,515	77,545	19.50	3,977
2013	107,047.46	32,995	30,880	84,731	19.63	4,316

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2014	56,772.51	15,937	14,916	46,399	19.76	2,348
2015	11,913.57	2,998	2,806	10,061	19.88	506
2016	262,345.44	57,862	54,154	229,180	19.99	11,465
2017	88,575.38	16,606	15,542	80,120	20.09	3,988
2018	49,532.24	7,496	7,016	46,479	20.19	2,302
2019	92,764.50	10,443	9,774	90,412	20.28	4,458
2021	95,105.89	2,308	2,160	100,554	20.45	4,917
	3,716,236.31	1,608,676	1,505,574	2,507,961		135,168
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2007	305,349.00	140,093	131,114	186,449	16.57	11,252
2008	115,695.64	50,932	47,668	72,656	16.69	4,353
2009	9,790.71	4,115	3,851	6,331	16.81	377
2010	19,139.39	7,645	7,155	12,750	16.92	754
2011	237,294.75	89,379	83,651	163,136	17.03	9,579
2012	39,370.22	13,885	12,995	27,950	17.13	1,632
2013	202,362.92	66,187	61,945	148,512	17.22	8,624
2014	40,581.89	12,153	11,374	30,831	17.31	1,781
2015	54,591.88	14,726	13,782	42,993	17.39	2,472
2016	295,079.62	70,080	65,589	241,294	17.47	13,812
2017	56,186.20	11,397	10,667	47,767	17.54	2,723
2018	46,742.06	7,691	7,198	41,414	17.61	2,352
2019	165,073.42	20,378	19,072	152,604	17.67	8,636
2020	43,916.28	3,409	3,191	42,482	17.73	2,396
2021	22,240.20	608	569	22,561	17.79	1,268
	1,653,414.18	512,678	479,820	1,239,731		72,011
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2009	8,163.52	2,854	2,671	6,390	24.01	266
2011	6,073,607.19	1,858,823	1,739,689	5,002,015	24.64	203,004

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2012	74,853.48	21,176	19,819	63,269	24.94	2,537
2013	263,763.38	68,276	63,900	228,877	25.22	9,075
2014	1,212,441.92	283,831	265,640	1,080,171	25.48	42,393
2015	2,210,438.92	458,796	429,391	2,024,196	25.74	78,640
2016	80,643.83	14,544	13,612	75,903	25.98	2,922
2017	558,133.84	84,510	79,094	540,435	26.21	20,619
2018	226,652.13	27,408	25,651	225,932	26.42	8,552
2019	1,085,703.35	96,615	90,423	1,114,708	26.62	41,875
2020	709,102.50	38,781	36,295	750,808	26.82	27,994
2021	143,200.51	2,720	2,546	156,407	27.00	5,793
	12,646,704.57	2,958,334	2,768,731	11,269,111		443,670
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -12						
2018	5,996,312.10	629,747	589,386	6,126,484	30.83	198,718
2019	73,556.81	5,637	5,276	77,108	31.18	2,473
2020	263,157.35	12,367	11,574	283,162	31.51	8,986
2021	258,212.03	4,121	3,857	285,341	31.83	8,965
	6,591,238.29	651,872	610,093	6,772,094		219,142
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -13						
2019	2,151,202.90	162,333	151,929	2,278,930	32.00	71,217
2020	66,170.43	3,057	2,861	71,912	32.37	2,222
	2,217,373.33	165,390	154,790	2,350,842		73,439

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LARK MAINTENANCE FACILITY						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -5						
2004	95,660.00	37,919	35,489	64,954	24.42	2,660
2005	124,325.00	46,911	43,904	86,637	25.03	3,461
2012	83,964.97	19,844	18,572	69,591	28.92	2,406
2013	8,950.00	1,919	1,796	7,601	29.42	258
2014	902,021.59	173,428	162,313	784,810	29.89	26,257
2015	1,405,980.10	238,227	222,959	1,253,321	30.35	41,296
2016	799,412.36	116,456	108,992	730,391	30.79	23,722
2017	909,925.82	110,189	103,127	852,295	31.22	27,300
2018	3,582,597.43	343,747	321,716	3,440,012	31.62	108,792
2019	3,594,145.73	252,018	235,866	3,537,987	32.00	110,562
2020	1,586,781.06	68,128	63,762	1,602,359	32.37	49,501
2021	1,303,490.16	18,970	17,754	1,350,910	32.72	41,287
	14,397,254.22	1,427,756	1,336,248	13,780,869		437,502
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -5						
2014	33,014.37	6,348	5,941	28,724	29.89	961
2015	5,314.27	900	842	4,738	30.35	156
2016	40,792.67	5,943	5,562	37,270	30.79	1,210
	79,121.31	13,191	12,346	70,731		2,327
	57,548,950.29	11,842,367	11,083,375	51,788,819		2,004,720

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 25.8 3.48

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MOCKSVILLE						
INTERIM SURVIVOR CURVE.. IOWA 35-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -11						
2021	16,512.10	374	577	17,751	23.04	770
	16,512.10	374	577	17,751		770
MONROE						
INTERIM SURVIVOR CURVE.. IOWA 35-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -14						
2020	233,085.32	15,239	23,521	242,196	23.67	10,232
2021	36,496.46	821	1,267	40,339	23.85	1,691
	269,581.78	16,060	24,788	282,535		11,923
WOODLEAF						
INTERIM SURVIVOR CURVE.. IOWA 35-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -12						
2021	4,928.26	106	164	5,356	24.63	217
	4,928.26	106	164	5,356		217
MAIDEN CREEK						
INTERIM SURVIVOR CURVE.. IOWA 35-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -17						
2021	11,626.35	234	361	13,242	26.85	493
	11,626.35	234	361	13,242		493
	302,648.49	16,774	25,890	318,884		13,403
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 23.8						4.43

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 350.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 80-R4						
NET SALVAGE PERCENT.. 0						
1929	6,052.66	5,513	6,053			
1932	1,367.00	1,229	1,367			
1933	719.00	644	719			
1934	4,907.00	4,373	4,907			
1935	663.00	588	663			
1936	14.00	12	14			
1939	120.00	104	120			
1941	16,447.00	14,087	16,447			
1942	3,881.00	3,302	3,881			
1943	147.00	124	147			
1944	4,901.00	4,109	4,901			
1945	872.00	725	872			
1947	203.00	166	200	3	14.58	
1951	10.00	8	10			
1952	1,285.00	1,001	1,204	81	17.67	5
1954	961.00	733	882	79	19.01	4
1955	894.00	674	811	83	19.68	4
1956	4,977.00	3,710	4,462	515	20.37	25
1957	45.00	33	40	5	21.07	
1960	6,797,664.73	4,825,526	5,803,236	994,429	23.21	42,845
1961	979,429.00	686,208	825,242	154,187	23.95	6,438
1962	540,407.00	373,627	449,328	91,079	24.69	3,689
1963	1,311,684.00	894,568	1,075,818	235,866	25.44	9,271
1964	1,239,326.00	833,447	1,002,313	237,013	26.20	9,046
1965	1,605,446.00	1,064,218	1,279,841	325,605	26.97	12,073
1966	1,579,546.00	1,031,633	1,240,654	338,892	27.75	12,212
1967	1,460,142.00	939,236	1,129,537	330,605	28.54	11,584
1968	3,308,079.00	2,094,841	2,519,281	788,798	29.34	26,885
1969	2,288,024.00	1,425,714	1,714,581	573,443	30.15	19,020
1970	2,999,007.00	1,838,031	2,210,438	788,569	30.97	25,462
1971	2,349,811.04	1,416,043	1,702,950	646,861	31.79	20,348
1972	9,292,825.00	5,502,468	6,617,334	2,675,491	32.63	81,995
1973	3,158,086.00	1,836,806	2,208,965	949,121	33.47	28,357
1974	7,582,325.00	4,329,508	5,206,718	2,375,607	34.32	69,219
1975	6,752,178.33	3,782,908	4,549,371	2,202,807	35.18	62,615
1976	4,417,045.00	2,426,636	2,918,302	1,498,743	36.05	41,574
1977	1,207,092.88	649,875	781,547	425,546	36.93	11,523
1978	5,057,471.00	2,667,209	3,207,618	1,849,853	37.81	48,925
1979	2,871,900.00	1,482,618	1,783,014	1,088,886	38.70	28,137
1980	3,008,661.00	1,519,374	1,827,217	1,181,444	39.60	29,834
1981	5,056,712.00	2,496,094	3,001,833	2,054,879	40.51	50,725
1982	4,993,081.00	2,407,913	2,895,785	2,097,296	41.42	50,635
1983	3,226,426.00	1,518,840	1,826,575	1,399,851	42.34	33,062

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 350.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 80-R4						
NET SALVAGE PERCENT.. 0						
1984	2,200,577.00	1,010,615	1,215,378	985,199	43.26	22,774
1985	3,470,895.00	1,553,642	1,868,429	1,602,466	44.19	36,263
1986	1,559,136.00	679,783	817,515	741,621	45.12	16,437
1987	1,036,473.00	439,724	528,817	507,656	46.06	11,022
1988	669,720.00	276,179	332,136	337,584	47.01	7,181
1989	2,509,827.00	1,005,186	1,208,849	1,300,978	47.96	27,126
1990	8,657,445.00	3,364,456	4,046,135	4,611,310	48.91	94,282
1991	1,830,753.00	689,498	829,199	1,001,554	49.87	20,083
1992	2,339,354.00	852,975	1,025,798	1,313,556	50.83	25,842
1993	1,449,683.00	511,187	614,760	834,923	51.79	16,121
1994	2,359,167.00	803,296	966,053	1,393,114	52.76	26,405
1995	3,045,631.00	1,000,124	1,202,761	1,842,870	53.73	34,299
1996	1,612,108.00	509,829	613,127	998,981	54.70	18,263
1997	2,172,363.00	660,398	794,203	1,378,160	55.68	24,751
1998	1,456,790.00	425,018	511,132	945,658	56.66	16,690
1999	877,234.00	245,187	294,865	582,369	57.64	10,104
2000	2,280,322.00	609,416	732,891	1,547,431	58.62	26,398
2001	1,699,698.00	433,219	520,994	1,178,704	59.61	19,774
2002	873,214.00	211,859	254,784	618,430	60.59	10,207
2003	865,593.00	199,303	239,684	625,909	61.58	10,164
2004	2,150,689.00	468,592	563,534	1,587,155	62.57	25,366
2005	3,256,465.00	669,204	804,793	2,451,672	63.56	38,573
2006	2,111,765.52	407,824	490,454	1,621,312	64.55	25,117
2007	2,422,038.18	437,783	526,483	1,895,555	65.54	28,922
2008	6,472,291.91	1,088,963	1,309,600	5,162,692	66.54	77,588
2009	3,032,801.47	472,753	568,538	2,464,263	67.53	36,491
2010	2,957,645.11	424,067	509,988	2,447,657	68.53	35,717
2011	4,287,918.76	561,717	675,528	3,612,391	69.52	51,962
2012	1,820,772.78	215,762	259,478	1,561,295	70.52	22,140
2013	2,057,824.85	218,376	262,622	1,795,203	71.51	25,104
2014	681,498.18	63,802	76,729	604,769	72.51	8,340
2015	126,105.32	10,230	12,303	113,802	73.51	1,548
2016	3,641,538.10	249,882	300,511	3,341,027	74.51	44,840
2017	2,040,303.21	114,502	137,701	1,902,602	75.51	25,197
2018	488,552.11	21,374	25,705	462,847	76.50	6,050
2019	14,481.68	453	545	13,937	77.50	180
2020	301.50	6	7	294	78.50	4
2021	223,453.42	1,397	1,680	221,773	79.50	2,790
	163,883,263.74	68,992,057	82,968,907	80,914,357		1,665,627

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 48.6 1.02

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 43-R2						
NET SALVAGE PERCENT.. -10						
1967	34,907.33	31,888	18,377	20,021	7.29	2,746
1968	121,506.56	109,941	63,359	70,298	7.63	9,213
1969	159,562.71	142,946	82,380	93,139	7.98	11,672
1970	83,342.04	73,896	42,587	49,089	8.34	5,886
1971	192,340.87	168,718	97,233	114,342	8.71	13,128
1972	256,715.74	222,691	128,338	154,049	9.09	16,947
1973	573,887.91	491,954	283,515	347,762	9.49	36,645
1974	84,623.23	71,676	41,307	51,779	9.89	5,235
1975	18,862.58	15,774	9,091	11,658	10.31	1,131
1976	74,821.07	61,727	35,573	46,730	10.75	4,347
1977	314,920.74	256,183	147,639	198,774	11.20	17,748
1978	195,491.19	156,730	90,324	124,716	11.66	10,696
1979	230,266.67	181,842	104,796	148,497	12.13	12,242
1980	138,788.07	107,861	62,161	90,506	12.62	7,172
1981	753,303.38	575,610	331,726	496,908	13.13	37,845
1982	199,886.91	150,129	86,520	133,356	13.64	9,777
1983	247,401.19	182,397	105,116	167,025	14.18	11,779
1984	598,974.75	433,320	249,724	409,148	14.72	27,795
1985	47,233.03	33,494	19,303	32,653	15.28	2,137
1986	73,497.57	51,047	29,419	51,428	15.85	3,245
1987	40,122.74	27,261	15,711	28,424	16.44	1,729
1988	2,582,751.23	1,715,838	988,843	1,852,183	17.03	108,760
1989	610,799.64	396,254	228,362	443,518	17.64	25,143
1990	905,997.70	573,163	330,316	666,281	18.27	36,469
1991	398,894.03	245,925	141,727	297,056	18.90	15,717
1992	249,675.52	149,777	86,317	188,326	19.55	9,633
1993	1,178,063.77	686,811	395,811	900,059	20.21	44,535
1994	82,385.27	46,619	26,867	63,757	20.88	3,053
1995	1,610,625.83	883,364	509,086	1,262,602	21.56	58,562
1996	184,464.22	97,870	56,403	146,508	22.26	6,582
1997	566,265.28	290,299	167,300	455,592	22.96	19,843
1998	180,724.21	89,365	51,501	147,296	23.67	6,223
1999	103,229.74	49,118	28,307	85,246	24.40	3,494
2000	1,905,711.29	871,173	502,060	1,594,222	25.13	63,439
2001	840,546.43	368,121	212,149	712,452	25.88	27,529
2002	2,414,212.69	1,011,000	582,643	2,072,991	26.63	77,844
2003	420,791.77	167,925	96,776	366,095	27.40	13,361
2004	608,197.90	230,731	132,971	536,047	28.17	19,029
2005	4,815,467.56	1,730,746	997,434	4,299,580	28.95	148,517
2006	2,399,861.32	813,443	468,790	2,171,057	29.75	72,977
2007	1,884,183.98	600,081	345,829	1,726,773	30.55	56,523
2008	1,667,903.31	497,074	286,465	1,548,229	31.35	49,385
2009	834,714.24	231,254	133,272	784,914	32.17	24,399

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 43-R2						
NET SALVAGE PERCENT.. -10						
2010	7,714,790.96	1,973,567	1,137,373	7,348,897	33.00	222,694
2011	4,316,741.68	1,012,647	583,592	4,164,824	33.83	123,110
2012	4,899,720.92	1,044,091	601,713	4,787,980	34.67	138,102
2013	10,032,108.99	1,919,594	1,106,268	9,929,052	35.52	279,534
2014	5,712,576.81	968,904	558,383	5,725,451	36.37	157,422
2015	4,255,010.84	628,078	361,963	4,318,549	37.23	115,996
2016	4,504,970.79	564,676	325,425	4,630,043	38.10	121,523
2017	19,451,632.99	2,000,386	1,152,829	20,243,967	38.98	519,342
2018	8,433,909.73	677,428	390,404	8,886,897	39.86	222,953
2019	53,438,723.20	3,076,093	1,772,762	57,009,834	40.75	1,399,014
2020	5,898,204.33	203,724	117,407	6,370,618	41.65	152,956
2021	29,881,051.12	344,140	198,329	32,670,827	42.55	767,822
	189,425,365.57	29,706,364	17,119,876	191,248,026		5,360,600

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 35.7 2.83

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1.5						
NET SALVAGE PERCENT.. -15						
1919	5,289.25	6,083	6,083			
1929	632.68	728	728			
1933	121.55	138	138	2	0.64	2
1940	61.60	66	66	5	2.92	2
1941	427,391.72	456,879	456,507	34,993	3.17	11,039
1942	369,481.60	392,705	392,385	32,519	3.41	9,536
1943	348.78	369	369	32	3.64	9
1944	364.69	383	383	36	3.86	9
1949	9,053.47	9,243	9,235	1,176	5.05	233
1950	17,182.94	17,433	17,419	2,341	5.30	442
1951	235,906.20	237,771	237,577	33,715	5.56	6,064
1952	13,472.29	13,486	13,475	2,018	5.83	346
1953	95,987.61	95,398	95,320	15,066	6.11	2,466
1954	101,945.61	100,590	100,508	16,729	6.39	2,618
1955	93,187.47	91,282	91,208	15,958	6.67	2,393
1956	12,785.44	12,429	12,419	2,284	6.96	328
1957	17,273.80	16,664	16,650	3,215	7.25	443
1960	10,989,170.64	10,345,980	10,337,555	2,299,991	8.16	281,862
1961	1,703,498.56	1,589,865	1,588,570	370,453	8.48	43,685
1962	1,098,822.95	1,016,528	1,015,700	247,946	8.80	28,176
1963	1,504,900.55	1,379,888	1,378,764	351,872	9.12	38,582
1964	2,454,498.63	2,229,291	2,227,476	595,197	9.46	62,917
1965	2,278,314.77	2,049,465	2,047,796	572,266	9.80	58,394
1966	2,195,312.07	1,955,158	1,953,566	571,043	10.15	56,260
1967	4,439,225.24	3,911,637	3,908,452	1,196,657	10.52	113,751
1968	2,622,695.06	2,286,203	2,284,341	731,758	10.89	67,195
1969	10,158,186.14	8,756,296	8,749,166	2,932,748	11.27	260,226
1970	2,864,233.27	2,440,394	2,438,407	855,461	11.66	73,367
1971	8,965,839.34	7,547,444	7,541,298	2,769,417	12.06	229,637
1972	13,765,736.52	11,443,780	11,434,461	4,396,136	12.47	352,537
1973	14,576,019.80	11,960,994	11,951,254	4,811,169	12.89	373,248
1974	12,775,804.13	10,340,059	10,331,639	4,360,536	13.33	327,122
1975	23,084,617.08	18,423,833	18,408,830	8,138,480	13.77	591,030
1976	9,043,163.85	7,111,065	7,105,274	3,294,364	14.23	231,508
1977	8,844,145.00	6,848,282	6,842,705	3,328,062	14.70	226,399
1978	10,138,563.25	7,726,300	7,720,008	3,939,340	15.18	259,509
1979	8,682,211.09	6,505,529	6,500,232	3,484,311	15.68	222,214
1980	6,306,375.60	4,644,683	4,640,901	2,611,431	16.18	161,399
1981	24,974,732.34	18,062,313	18,047,605	10,673,337	16.70	639,122
1982	14,652,542.38	10,402,272	10,393,801	6,456,623	17.22	374,949
1983	25,903,692.19	18,032,324	18,017,640	11,771,606	17.76	662,816
1984	18,913,337.56	12,900,343	12,889,838	8,860,500	18.31	483,916
1985	8,624,006.01	5,758,857	5,754,168	4,163,439	18.87	220,638

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1.5						
NET SALVAGE PERCENT.. -15						
1986	10,542,699.39	6,883,824	6,878,218	5,245,886	19.45	269,711
1987	6,852,710.58	4,372,876	4,369,315	3,511,302	20.03	175,302
1988	8,038,758.17	5,008,524	5,004,446	4,240,126	20.62	205,632
1989	18,417,078.47	11,187,510	11,178,400	10,001,240	21.23	471,090
1990	23,181,038.92	13,720,173	13,709,001	12,949,194	21.84	592,912
1991	39,048,900.39	22,493,084	22,474,768	22,431,467	22.46	998,730
1992	16,047,742.36	8,981,448	8,974,134	9,480,770	23.10	410,423
1993	33,739,412.09	18,330,825	18,315,898	20,484,426	23.74	862,865
1994	18,410,036.79	9,696,566	9,688,670	11,482,872	24.39	470,802
1995	29,207,819.55	14,891,008	14,878,882	18,710,110	25.05	746,911
1996	10,569,001.95	5,207,411	5,203,171	6,951,181	25.72	270,264
1997	8,338,065.34	3,963,328	3,960,101	5,628,674	26.40	213,207
1998	15,043,731.33	6,885,516	6,879,909	10,420,382	27.09	384,658
1999	10,166,282.08	4,473,881	4,470,238	7,220,986	27.78	259,935
2000	28,144,770.11	11,882,061	11,872,385	20,494,101	28.48	719,596
2001	31,112,344.13	12,570,305	12,560,069	23,219,127	29.19	795,448
2002	40,281,864.11	15,544,530	15,531,872	30,792,272	29.90	1,029,842
2003	29,510,146.20	10,836,996	10,828,171	23,108,497	30.63	754,440
2004	41,519,629.43	14,472,767	14,460,982	33,286,592	31.36	1,061,435
2005	31,628,762.97	10,435,072	10,426,575	25,946,502	32.09	808,554
2006	33,631,268.38	10,459,526	10,451,009	28,224,950	32.83	859,730
2007	53,387,441.12	15,580,965	15,568,277	45,827,280	33.58	1,364,719
2008	42,744,218.88	11,655,344	11,645,853	37,509,999	34.33	1,092,630
2009	31,115,929.40	7,880,202	7,873,785	27,909,534	35.09	795,370
2010	63,425,002.05	14,830,637	14,818,560	58,120,192	35.85	1,621,205
2011	66,885,359.03	14,323,700	14,312,036	62,606,127	36.62	1,709,616
2012	84,012,744.46	16,338,504	16,325,199	80,289,457	37.39	2,147,351
2013	66,424,010.03	11,594,112	11,584,671	64,802,941	38.17	1,697,745
2014	87,248,278.77	13,489,107	13,478,123	86,857,398	38.95	2,229,972
2015	97,256,277.64	13,073,529	13,062,883	98,781,836	39.74	2,485,703
2016	73,836,374.52	8,415,612	8,408,759	76,503,072	40.54	1,887,101
2017	222,933,685.28	20,850,876	20,833,897	235,539,841	41.34	5,697,626
2018	159,499,751.23	11,658,475	11,648,981	171,775,733	42.14	4,076,311
2019	211,661,933.55	11,089,815	11,080,784	232,330,440	42.95	5,409,323
2020	174,755,491.50	5,492,478	5,488,005	195,480,810	43.77	4,466,091
2021	136,029,824.58	1,425,116	1,423,956	155,010,342	44.59	3,476,348
	2,307,608,515.50	597,116,133	596,629,900	2,057,119,893		58,994,987

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 34.9 2.56

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 70-R2.5						
NET SALVAGE PERCENT.. -40						
1960	10,089,000.44	9,873,096	12,044,169	2,080,432	21.07	98,739
1961	503,889.62	487,364	594,534	110,911	21.64	5,125
1962	516,841.59	493,893	602,499	121,079	22.22	5,449
1963	2,448,024.36	2,310,436	2,818,496	608,738	22.81	26,687
1964	2,053,685.32	1,913,620	2,334,421	540,738	23.41	23,099
1965	2,274,354.89	2,091,506	2,551,424	632,673	24.02	26,339
1966	2,263,377.70	2,053,336	2,504,860	663,869	24.64	26,943
1967	2,402,289.53	2,149,088	2,621,668	741,537	25.27	29,345
1968	3,487,191.23	3,075,019	3,751,209	1,130,859	25.91	43,646
1969	8,212,522.12	7,135,023	8,704,000	2,793,531	26.56	105,178
1970	7,062,074.44	6,042,283	7,370,968	2,515,936	27.22	92,430
1971	3,018,496.66	2,542,763	3,101,911	1,123,984	27.88	40,315
1972	25,463,374.18	21,104,045	25,744,780	9,903,944	28.56	346,777
1973	11,358,411.11	9,259,445	11,295,578	4,606,198	29.24	157,531
1974	35,528,506.57	28,465,653	34,725,191	15,014,718	29.94	501,494
1975	9,755,297.48	7,679,429	9,368,119	4,289,297	30.64	139,990
1976	4,418,195.13	3,415,247	4,166,253	2,019,220	31.35	64,409
1977	12,914,087.07	9,799,209	11,954,035	6,125,687	32.06	191,069
1978	5,080,560.61	3,780,943	4,612,364	2,500,421	32.79	76,256
1979	4,711,769.55	3,437,688	4,193,628	2,402,849	33.52	71,684
1980	4,904,816.14	3,505,953	4,276,905	2,589,838	34.26	75,594
1981	10,845,739.04	7,589,892	9,258,893	5,925,142	35.01	169,241
1982	14,659,080.53	10,038,480	12,245,921	8,276,792	35.76	231,454
1983	7,099,907.51	4,754,141	5,799,567	4,140,304	36.52	113,371
1984	9,087,840.21	5,945,320	7,252,683	5,470,293	37.29	146,696
1985	6,858,748.58	4,381,410	5,344,873	4,257,375	38.06	111,860
1986	7,628,505.47	4,752,559	5,797,637	4,882,271	38.85	125,670
1987	3,221,468.56	1,956,733	2,387,015	2,123,041	39.63	53,572
1988	4,361,984.71	2,579,686	3,146,954	2,959,825	40.43	73,209
1989	10,680,465.88	6,145,540	7,496,931	7,455,721	41.23	180,832
1990	13,459,166.35	7,529,031	9,184,649	9,658,184	42.03	229,793
1991	14,658,252.32	7,959,490	9,709,765	10,811,788	42.85	252,317
1992	1,821,151.22	959,011	1,169,896	1,379,716	43.67	31,594
1993	3,994,567.51	2,038,036	2,486,196	3,106,199	44.49	69,818
1994	11,415,489.49	5,634,663	6,873,714	9,107,971	45.32	200,970
1995	12,635,261.16	6,024,467	7,349,235	10,340,131	46.16	224,006
1996	6,365,206.92	2,927,982	3,571,839	5,339,451	47.00	113,605
1997	4,644,589.82	2,057,563	2,510,017	3,992,409	47.85	83,436
1998	1,298,253.32	553,064	674,682	1,142,873	48.70	23,468
1999	2,213,622.38	904,929	1,103,921	1,995,150	49.56	40,257
2000	3,587,397.92	1,404,804	1,713,717	3,308,640	50.42	65,622
2001	4,162,585.39	1,557,664	1,900,191	3,927,429	51.29	76,573
2002	5,440,336.05	1,941,134	2,367,985	5,248,485	52.16	100,623

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 70-R2.5						
NET SALVAGE PERCENT.. -40						
2003	5,180,660.39	1,757,311	2,143,740	5,109,185	53.04	96,327
2004	5,421,706.27	1,742,526	2,125,704	5,464,685	53.93	101,329
2005	4,172,073.08	1,267,476	1,546,191	4,294,711	54.81	78,356
2006	14,486,129.81	4,143,120	5,054,183	15,226,399	55.70	273,364
2007	18,874,630.81	5,058,439	6,170,779	20,253,704	56.60	357,839
2008	4,882,238.97	1,220,550	1,488,946	5,346,189	57.50	92,977
2009	3,782,272.66	876,723	1,069,513	4,225,669	58.41	72,345
2010	27,711,843.94	5,924,626	7,227,439	31,569,143	59.31	532,274
2011	6,907,989.01	1,349,807	1,646,627	8,024,558	60.23	133,232
2012	47,356,486.15	8,391,475	10,236,743	56,062,338	61.14	916,950
2013	31,712,730.78	5,036,045	6,143,461	38,254,362	62.06	616,409
2014	21,593,437.69	3,031,848	3,698,545	26,532,268	62.98	421,281
2015	15,507,023.05	1,888,755	2,304,088	19,405,744	63.91	303,642
2016	12,671,984.62	1,307,673	1,595,228	16,145,550	64.84	249,006
2017	18,713,919.44	1,583,235	1,931,385	24,268,102	65.77	368,984
2018	12,031,149.53	791,650	965,732	15,877,877	66.71	238,013
2019	36,655,703.90	1,729,929	2,110,337	49,207,648	67.64	727,493
2020	30,016,494.55	852,649	1,040,144	40,982,948	68.58	597,593
2021	15,236,683.39	143,133	174,608	21,156,749	69.53	304,282
	651,521,544.12	268,347,608	327,356,686	584,773,476		11,347,782

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 51.5 1.74

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 48-R1						
NET SALVAGE PERCENT.. -40						
1968	532,034.58	511,152	487,182	257,666	15.06	17,109
1969	1,153,580.95	1,093,170	1,041,908	573,105	15.51	36,951
1970	1,096,779.60	1,024,618	976,570	558,921	15.97	34,998
1971	558,648.58	514,400	490,278	291,830	16.43	17,762
1972	1,098,400.08	996,023	949,316	588,444	16.91	34,799
1973	563,655.97	503,229	479,631	309,487	17.39	17,797
1974	2,653,943.63	2,332,270	2,222,902	1,492,619	17.87	83,527
1975	1,284,262.39	1,109,867	1,057,822	740,145	18.37	40,291
1976	403,646.42	342,951	326,869	238,236	18.87	12,625
1977	1,397,120.42	1,166,657	1,111,949	844,020	19.37	43,574
1978	484,567.11	397,281	378,651	299,743	19.89	15,070
1979	1,304,077.15	1,049,399	1,000,189	825,519	20.41	40,447
1980	1,656,765.41	1,307,602	1,246,284	1,073,188	20.94	51,251
1981	1,952,885.96	1,510,557	1,439,722	1,294,318	21.48	60,257
1982	1,296,751.18	982,613	936,535	878,917	22.02	39,914
1983	1,868,808.71	1,386,107	1,321,108	1,295,224	22.57	57,387
1984	3,166,655.10	2,296,990	2,189,276	2,244,041	23.13	97,019
1985	1,114,312.80	790,097	753,047	806,991	23.69	34,065
1986	3,008,946.49	2,082,588	1,984,928	2,227,597	24.27	91,784
1987	1,530,029.24	1,033,085	984,640	1,157,401	24.85	46,575
1988	2,814,802.46	1,852,968	1,766,076	2,174,647	25.43	85,515
1989	3,016,136.09	1,932,722	1,842,090	2,380,501	26.03	91,452
1990	2,818,746.82	1,756,908	1,674,521	2,271,725	26.63	85,307
1991	2,940,545.88	1,781,365	1,697,831	2,418,933	27.23	88,833
1992	2,459,152.93	1,445,259	1,377,486	2,065,328	27.85	74,159
1993	2,628,606.55	1,497,338	1,427,123	2,252,926	28.47	79,133
1994	3,614,640.58	1,993,633	1,900,145	3,160,352	29.09	108,640
1995	3,818,525.72	2,035,893	1,940,423	3,405,513	29.72	114,587
1996	2,944,537.60	1,514,965	1,443,923	2,678,430	30.36	88,222
1997	3,394,654.38	1,682,201	1,603,317	3,149,199	31.01	101,554
1998	4,957,283.48	2,363,970	2,253,116	4,687,081	31.65	148,091
1999	3,877,300.39	1,774,377	1,691,170	3,737,051	32.31	115,662
2000	11,472,465.67	5,032,535	4,796,543	11,264,909	32.96	341,775
2001	7,290,751.72	3,055,787	2,912,491	7,294,561	33.63	216,906
2002	17,655,013.74	7,059,675	6,728,623	17,988,396	34.29	524,596
2003	10,975,237.59	4,174,300	3,978,553	11,386,780	34.96	325,709
2004	17,621,704.54	6,352,624	6,054,728	18,615,658	35.64	522,325
2005	24,307,224.28	8,287,694	7,899,056	26,131,058	36.31	719,666
2006	16,908,821.03	5,429,964	5,175,335	18,497,014	36.99	500,054
2007	12,764,790.72	3,842,202	3,662,028	14,208,679	37.68	377,088
2008	31,169,116.29	8,763,571	8,352,618	35,284,145	38.36	919,816
2009	10,333,876.92	2,697,597	2,571,098	11,896,330	39.05	304,644
2010	14,480,819.34	3,484,549	3,321,147	16,952,000	39.75	426,465

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 48-R1						
NET SALVAGE PERCENT.. -40						
2011	11,707,284.79	2,581,456	2,460,403	13,929,796	40.44	344,456
2012	18,964,596.77	3,794,588	3,616,647	22,933,788	41.14	557,457
2013	18,467,030.44	3,312,394	3,157,065	22,696,778	41.85	542,336
2014	25,864,021.34	4,111,241	3,918,451	32,291,179	42.55	758,900
2015	22,756,610.34	3,139,411	2,992,193	28,867,061	43.27	667,138
2016	32,879,704.23	3,855,145	3,674,364	42,357,222	43.98	963,102
2017	114,088,287.27	10,980,998	10,466,062	149,257,540	44.70	3,339,095
2018	30,166,840.33	2,261,186	2,155,151	40,078,425	45.43	882,202
2019	28,880,056.17	1,549,762	1,477,088	38,954,991	46.16	843,912
2020	59,583,959.20	1,928,614	1,838,175	81,579,368	46.89	1,739,803
2021	56,987,787.46	615,126	586,281	79,196,621	47.63	1,662,747
	662,736,804.83	140,372,674	133,790,128	794,041,399		19,534,549

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 40.6 2.95

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R2.5						
NET SALVAGE PERCENT.. -40						
1940	3,039.11	3,736	4,255			
1941	11,108.47	13,595	15,552			
1949	447.63	526	612	15	9.68	2
1950	5,519.81	6,442	7,497	231	9.98	23
1954	3,752.74	4,264	4,962	292	11.30	26
1955	18,421.24	20,778	24,180	1,610	11.66	138
1956	1,989.26	2,227	2,592	193	12.03	16
1957	4,937.84	5,482	6,380	533	12.42	43
1960	10,244,902.62	11,077,424	12,891,265	1,451,599	13.66	106,266
1961	901,312.20	965,091	1,123,117	138,720	14.11	9,831
1962	452,484.79	479,651	558,190	75,289	14.57	5,167
1963	1,235,695.08	1,296,321	1,508,583	221,390	15.04	14,720
1964	1,473,503.33	1,528,963	1,779,319	283,586	15.53	18,261
1965	1,858,623.93	1,906,878	2,219,114	382,960	16.03	23,890
1966	2,138,141.82	2,167,729	2,522,678	470,721	16.55	28,442
1967	2,002,653.14	2,005,581	2,333,979	469,735	17.08	27,502
1968	3,143,569.97	3,108,557	3,617,559	783,439	17.62	44,463
1969	5,374,136.90	5,244,083	6,102,761	1,421,031	18.18	78,165
1970	4,573,912.30	4,402,391	5,123,248	1,280,229	18.75	68,279
1971	1,886,356.44	1,789,658	2,082,700	558,199	19.34	28,862
1972	18,622,029.56	17,410,890	20,261,787	5,809,054	19.93	291,473
1973	8,217,726.00	7,566,373	8,805,307	2,699,509	20.54	131,427
1974	23,127,906.18	20,959,943	24,391,970	7,987,099	21.16	377,462
1975	7,346,862.92	6,550,184	7,622,725	2,662,883	21.79	122,207
1976	4,118,906.54	3,609,810	4,200,888	1,565,581	22.44	69,767
1977	8,492,731.55	7,314,263	8,511,916	3,377,908	23.09	146,293
1978	4,008,337.33	3,389,450	3,944,446	1,667,226	23.76	70,169
1979	4,455,005.68	3,697,485	4,302,919	1,934,089	24.43	79,169
1980	5,270,943.70	4,291,075	4,993,705	2,385,616	25.11	95,007
1981	8,397,640.32	6,699,318	7,796,279	3,960,417	25.81	153,445
1982	11,558,565.21	9,032,302	10,511,271	5,670,720	26.51	213,909
1983	5,240,922.82	4,007,409	4,663,591	2,673,701	27.23	98,190
1984	7,123,279.07	5,327,059	6,199,323	3,773,268	27.95	135,001
1985	4,048,883.81	2,958,924	3,443,425	2,225,012	28.68	77,581
1986	6,925,213.15	4,941,403	5,750,519	3,944,779	29.42	134,085
1987	3,422,328.52	2,382,071	2,772,116	2,019,144	30.17	66,926
1988	4,470,656.84	3,033,511	3,530,225	2,728,695	30.92	88,250
1989	8,271,811.04	5,464,044	6,358,738	5,221,797	31.69	164,777
1990	11,685,214.30	7,508,919	8,738,446	7,620,854	32.46	234,777
1991	10,882,379.35	6,794,958	7,907,579	7,327,752	33.24	220,450
1992	2,187,207.01	1,325,364	1,542,382	1,519,708	34.03	44,658
1993	4,199,000.64	2,467,072	2,871,036	3,007,565	34.82	86,375
1994	9,838,914.84	5,594,781	6,510,883	7,263,598	35.63	203,862

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R2.5						
NET SALVAGE PERCENT.. -40						
1995	18,341,252.33	10,082,883	11,733,876	13,943,877	36.44	382,653
1996	6,231,615.26	3,307,978	3,849,634	4,874,627	37.25	130,862
1997	6,526,354.71	3,337,982	3,884,550	5,252,347	38.08	137,929
1998	4,029,479.39	1,982,907	2,307,593	3,333,678	38.91	85,677
1999	3,773,789.23	1,784,014	2,076,132	3,207,173	39.74	80,704
2000	6,333,297.14	2,868,350	3,338,020	5,528,596	40.59	136,206
2001	5,653,667.41	2,448,389	2,849,294	5,065,840	41.44	122,245
2002	15,501,048.19	6,401,933	7,450,199	14,251,268	42.30	336,909
2003	13,560,072.31	5,328,268	6,200,730	12,783,371	43.16	296,186
2004	22,139,630.06	8,250,067	9,600,951	21,394,531	44.03	485,908
2005	26,979,413.60	9,505,873	11,062,385	26,708,794	44.90	594,851
2006	35,656,734.49	11,830,905	13,768,123	36,151,305	45.78	789,675
2007	25,034,161.65	7,786,576	9,061,567	25,986,259	46.67	556,809
2008	28,356,931.83	8,230,940	9,578,692	30,121,013	47.56	633,327
2009	39,402,443.16	10,618,958	12,357,729	42,805,691	48.45	883,502
2010	27,941,006.14	6,943,340	8,080,258	31,037,151	49.35	628,919
2011	29,019,389.09	6,595,004	7,674,884	32,952,261	50.26	655,636
2012	24,094,453.49	4,964,373	5,777,250	27,954,985	51.17	546,316
2013	30,348,948.01	5,608,486	6,526,832	35,961,695	52.08	690,509
2014	25,578,006.95	4,177,860	4,861,952	30,947,258	53.00	583,911
2015	35,463,717.76	5,030,954	5,854,733	43,794,472	53.92	812,212
2016	37,317,103.99	4,484,098	5,218,334	47,025,612	54.85	857,349
2017	38,352,032.72	3,785,346	4,405,167	49,287,679	55.77	883,767
2018	42,814,264.97	3,286,509	3,824,649	56,115,322	56.71	989,514
2019	47,964,087.65	2,640,999	3,073,442	64,076,281	57.64	1,111,663
2020	47,129,510.16	1,561,778	1,817,507	64,163,807	58.58	1,095,319
2021	84,090,512.17	921,800	1,072,738	116,653,979	59.53	1,959,583
	944,879,898.86	322,122,555	374,867,240	947,964,618		20,227,497

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 46.9 2.14

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 357.00 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 55-S4						
NET SALVAGE PERCENT.. 0						
1960	665.00	597	665			
1972	3,577.03	2,921	3,393	184	10.09	18
1973	3,140.00	2,534	2,943	197	10.61	19
1976	46,536.31	36,104	41,935	4,601	12.33	373
1987	50,980.00	31,663	36,777	14,203	20.84	682
2009	5,344.83	1,215	1,411	3,934	42.50	93
2011	793.41	151	175	618	44.50	14
2012	201.94	35	41	161	45.50	4
2013	65.90	10	12	54	46.50	1
2015	3,170.24	375	436	2,734	48.50	56
2016	12,806.91	1,281	1,488	11,319	49.50	229
2017	9,710.93	795	923	8,788	50.50	174
2018	162.87	10	12	151	51.50	3
2019	3,699.16	168	195	3,504	52.50	67
2020	13,674.10	373	433	13,241	53.50	247
2021	61.79	1	1	61	54.50	1
	154,590.42	78,233	90,840	63,750		1,981

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 32.2 1.28

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 358.00 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 40-S2						
NET SALVAGE PERCENT.. 0						
1999	45,167.02	23,103	58,968-	104,135	19.54	5,329
2010	363,904.97	102,985	262,859-	626,764	28.68	21,854
2016	1,422,393.72	195,224	498,289-	1,920,683	34.51	55,656
2019	1,752,197.58	109,512	279,518-	2,031,716	37.50	54,179
2020	6,985,288.61	261,948	668,596-	7,653,885	38.50	198,802
2021	1,602,647.43	20,033	51,132-	1,653,779	39.50	41,868
	12,171,599.33	712,805	1,819,362-	13,990,961		377,688

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.0 3.10

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 359.00 ROADS AND TRAILS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 65-R4						
NET SALVAGE PERCENT.. 0						
1976	2,044.00	1,345	1,441	603	22.23	27
1993	39,500.00	17,021	18,232	21,268	36.99	575
1998	694.00	248	266	428	41.75	10
	42,238.00	18,614	19,939	22,299		612

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 36.4 1.45

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 360.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 80-R3						
NET SALVAGE PERCENT.. 0						
1906	8,150.00	7,659	7,772	378	4.82	78
1927	112.00	97	98	14	10.51	1
1929	910.00	783	795	115	11.16	10
1930	10,102.00	8,650	8,778	1,324	11.50	115
1931	732.00	624	633	99	11.84	8
1932	7,886.00	6,683	6,782	1,104	12.20	90
1933	1,985.00	1,673	1,698	287	12.57	23
1934	580.00	486	493	87	12.95	7
1935	2,501.00	2,084	2,115	386	13.33	29
1938	27.00	22	22	5	14.57	
1941	1,269.00	1,017	1,032	237	15.91	15
1942	1,087.00	864	877	210	16.38	13
1947	3,150.00	2,406	2,442	708	18.90	37
1948	4,667.00	3,533	3,585	1,082	19.44	56
1949	5,431.00	4,073	4,133	1,298	20.00	65
1950	7,967.00	5,919	6,007	1,960	20.56	95
1951	2,377.00	1,749	1,775	602	21.14	28
1952	2,176.00	1,585	1,608	568	21.72	26
1953	1,326.00	956	970	356	22.32	16
1954	322.00	230	233	89	22.93	4
1955	1,231.00	869	882	349	23.54	15
1956	408.00	285	289	119	24.17	5
1957	664.50	458	465	200	24.81	8
1958	3,731.00	2,544	2,582	1,149	25.46	45
1959	2,033.00	1,369	1,389	644	26.12	25
1960	1,807.00	1,202	1,220	587	26.78	22
1961	7,250.00	4,761	4,831	2,419	27.46	88
1962	6,067.00	3,932	3,990	2,077	28.15	74
1963	5,950.00	3,805	3,861	2,089	28.84	72
1964	7,881.00	4,971	5,045	2,836	29.54	96
1965	7,966.00	4,954	5,027	2,939	30.25	97
1966	12,141.00	7,441	7,551	4,590	30.97	148
1967	11,504.00	6,946	7,049	4,455	31.70	141
1968	13,078.00	7,776	7,891	5,187	32.43	160
1969	8,992.00	5,264	5,342	3,650	33.17	110
1970	6,228.00	3,587	3,640	2,588	33.92	76
1971	11,210.00	6,350	6,444	4,766	34.68	137
1972	12,751.00	7,102	7,207	5,544	35.44	156
1973	18,282.00	10,007	10,155	8,127	36.21	224
1974	16,643.00	8,948	9,080	7,563	36.99	204
1975	29,923.00	15,796	16,030	13,893	37.77	368
1976	13,355.00	6,916	7,018	6,337	38.57	164
1977	36,406.00	18,494	18,767	17,639	39.36	448

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 360.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 80-R3						
NET SALVAGE PERCENT.. 0						
1978	31,784.00	15,825	16,059	15,725	40.17	391
1979	30,040.00	14,652	14,869	15,171	40.98	370
1980	53,049.00	25,331	25,706	27,343	41.80	654
1981	79,956.00	37,359	37,911	42,045	42.62	987
1982	81,408.00	37,194	37,744	43,664	43.45	1,005
1983	103,311.00	46,116	46,798	56,513	44.29	1,276
1984	100,571.00	43,837	44,485	56,086	45.13	1,243
1985	114,577.00	48,724	49,444	65,133	45.98	1,417
1986	110,447.00	45,794	46,471	63,976	46.83	1,366
1987	51,375.00	20,749	21,056	30,319	47.69	636
1988	138,545.00	54,465	55,270	83,275	48.55	1,715
1989	212,009.00	81,040	82,238	129,771	49.42	2,626
1990	101,962.00	37,853	38,413	63,549	50.30	1,263
1991	50,687.00	18,260	18,530	32,157	51.18	628
1992	30,491.00	10,645	10,802	19,689	52.07	378
1993	20,543.00	6,944	7,047	13,496	52.96	255
1994	148,839.00	48,633	49,352	99,487	53.86	1,847
1995	26,242.00	8,279	8,401	17,841	54.76	326
1996	95,255.00	28,969	29,397	65,858	55.67	1,183
1997	66,553.00	19,483	19,771	46,782	56.58	827
1998	13,052.00	3,673	3,727	9,325	57.49	162
1999	21,921.00	5,916	6,003	15,918	58.41	273
2000	814.00	210	213	601	59.34	10
2002	333,659.00	78,410	79,570	254,089	61.20	4,152
2003	58,182.00	12,989	13,181	45,001	62.14	724
2004	271,688.00	57,462	58,312	213,376	63.08	3,383
2005	343,359.00	68,586	69,600	273,759	64.02	4,276
2006	891,865.00	167,564	170,042	721,823	64.97	11,110
2007	186,661.44	32,852	33,338	153,323	65.92	2,326
2008	678,877.39	111,417	113,065	565,812	66.87	8,461
2009	2,048,663.27	311,643	316,251	1,732,412	67.83	25,540
2010	224,268.01	31,424	31,889	192,379	68.79	2,797
2011	298,486.69	38,242	38,807	259,680	69.75	3,723
2012	1,613,911.42	187,214	189,982	1,423,929	70.72	20,135
2013	33,892.49	3,521	3,573	30,319	71.69	423
2014	45,234.97	4,150	4,212	41,023	72.66	565
2016	17,550.69	1,183	1,200	16,351	74.61	219
2017	11,894.71	657	667	11,228	75.58	149
2018	79,594.42	3,423	3,474	76,120	76.56	994

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 360.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 80-R3						
NET SALVAGE PERCENT.. 0						
2019	81,436.75	2,504	2,541	78,896	77.54	1,017
2020	25,456.92	471	478	24,979	78.52	318
2021	102,565.76	628	637	101,929	79.51	1,282
	9,328,937.43	1,959,161	1,988,129	7,340,808		116,031

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 63.3 1.24

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 360.20 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 80-R3						
NET SALVAGE PERCENT.. 0						
1960	13,480.00	8,968	9,101	4,379	26.78	164
1961	152,939.00	100,443	101,928	51,011	27.46	1,858
1962	5,490.00	3,558	3,611	1,879	28.15	67
1963	9,322.00	5,961	6,049	3,273	28.84	113
1964	8,956.00	5,649	5,733	3,223	29.54	109
1965	17,213.00	10,704	10,862	6,351	30.25	210
1966	21,633.00	13,258	13,454	8,179	30.97	264
1967	31,136.00	18,798	19,076	12,060	31.70	380
1968	19,710.00	11,720	11,893	7,817	32.43	241
1969	33,391.00	19,546	19,835	13,556	33.17	409
1970	9,175.00	5,285	5,363	3,812	33.92	112
1971	209.00	118	120	89	34.68	3
1972	22,304.00	12,423	12,607	9,697	35.44	274
1973	20,435.00	11,186	11,351	9,084	36.21	251
1974	5,114.00	2,749	2,790	2,324	36.99	63
1975	5,825.00	3,075	3,120	2,705	37.77	72
1976	5,629.00	2,915	2,958	2,671	38.57	69
1977	2,881.00	1,464	1,486	1,395	39.36	35
1978	10,952.00	5,453	5,534	5,418	40.17	135
1979	14,115.00	6,885	6,987	7,128	40.98	174
1980	16,745.00	7,996	8,114	8,631	41.80	206
1981	18,858.00	8,811	8,941	9,917	42.62	233
1982	10,110.00	4,619	4,687	5,423	43.45	125
1983	16,919.00	7,552	7,664	9,255	44.29	209
1984	16,487.00	7,186	7,292	9,195	45.13	204
1985	17,273.00	7,345	7,453	9,820	45.98	214
1986	6,750.00	2,799	2,840	3,910	46.83	83
1987	3,145.00	1,270	1,289	1,856	47.69	39
1988	60.00	24	24	36	48.55	1
1989	243.00	93	94	149	49.42	3
1990	13,356.00	4,958	5,032	8,324	50.30	165
1991	1,902.00	685	695	1,207	51.18	24
2000	104.00	27	27	77	59.34	1
2001	29,699.00	7,324	7,433	22,266	60.27	369
	561,560.00	310,847	315,443	246,117		6,879

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 35.8 1.22

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-S0.5						
NET SALVAGE PERCENT.. -10						
1950	321.44	304	228	126	6.32	20
1960	220,784.58	190,082	142,274	100,589	9.78	10,285
1961	46.52	40	30	21	10.14	2
1962	43,469.50	36,659	27,439	20,377	10.50	1,941
1963	44,329.99	36,984	27,682	21,081	10.87	1,939
1964	34,732.63	28,663	21,454	16,752	11.24	1,490
1965	41,009.38	33,472	25,053	20,057	11.61	1,728
1966	86,566.90	69,873	52,299	42,925	11.98	3,583
1967	71,261.10	56,857	42,557	35,830	12.36	2,899
1968	117,302.01	92,502	69,237	59,795	12.74	4,693
1969	102,840.98	80,117	59,966	53,159	13.13	4,049
1970	102,404.48	78,802	58,982	53,663	13.52	3,969
1971	129,189.94	98,182	73,488	68,621	13.91	4,933
1972	129,780.18	97,361	72,873	69,885	14.31	4,884
1973	5,846.59	4,328	3,239	3,192	14.72	217
1974	195,336.13	142,626	106,754	108,116	15.13	7,146
1975	139,214.52	100,254	75,039	78,097	15.54	5,026
1976	474,990.95	337,179	252,374	270,116	15.96	16,925
1977	48,673.20	34,052	25,487	28,054	16.38	1,713
1978	226,142.84	155,831	116,637	132,120	16.81	7,860
1979	142,524.76	96,680	72,364	84,413	17.25	4,894
1980	402,919.06	268,980	201,328	241,883	17.69	13,673
1981	340,134.05	223,325	167,156	206,991	18.14	11,411
1982	256,911.95	165,857	124,142	158,461	18.59	8,524
1983	460,731.73	292,259	218,752	288,053	19.05	15,121
1984	367,016.61	228,593	171,099	232,619	19.52	11,917
1985	524,317.11	320,545	239,924	336,825	19.99	16,850
1986	287,912.32	172,638	129,217	187,487	20.47	9,159
1987	181,352.05	106,570	79,766	119,721	20.96	5,712
1988	842,196.15	484,617	362,729	563,687	21.46	26,267
1989	1,255,490.97	707,093	529,250	851,790	21.96	38,788
1990	1,128,022.02	621,243	464,992	775,832	22.47	34,527
1991	521,278.84	280,333	209,825	363,582	23.00	15,808
1992	983,832.35	516,336	386,471	695,745	23.53	29,568
1993	527,765.53	270,016	202,103	378,439	24.07	15,722
1994	319,502.09	159,169	119,136	232,316	24.62	9,436
1995	196,387.37	95,147	71,216	144,810	25.18	5,751
1996	494,757.25	232,812	174,257	369,976	25.75	14,368
1997	419,763.94	191,571	143,388	318,352	26.33	12,091
1998	309,654.84	136,854	102,433	238,187	26.92	8,848
1999	174,113.80	74,396	55,684	135,841	27.52	4,936
2000	273,875.61	112,874	84,485	216,778	28.14	7,704
2001	109,240.99	43,366	32,459	87,706	28.76	3,050

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-S0.5						
NET SALVAGE PERCENT.. -10						
2002	1,842,309.60	702,541	525,843	1,500,698	29.40	51,044
2003	898,406.64	328,316	245,740	742,507	30.05	24,709
2004	1,220,022.41	425,865	318,754	1,023,271	30.72	33,310
2005	3,458,573.92	1,149,775	860,591	2,943,840	31.40	93,753
2006	3,774,258.63	1,191,077	891,505	3,260,179	32.09	101,595
2007	4,036,958.57	1,203,906	901,108	3,539,546	32.80	107,913
2008	4,412,568.11	1,238,259	926,820	3,927,005	33.52	117,154
2009	886,337.03	232,696	174,170	800,801	34.26	23,374
2010	2,951,120.97	719,950	538,873	2,707,360	35.02	77,309
2011	4,790,507.36	1,078,520	807,258	4,462,300	35.79	124,680
2012	9,099,933.72	1,875,160	1,403,532	8,606,395	36.57	235,340
2013	12,307,486.52	2,292,429	1,715,852	11,822,383	37.38	316,276
2014	8,742,004.02	1,453,105	1,087,630	8,528,574	38.20	223,261
2015	9,653,349.38	1,406,339	1,052,626	9,566,058	39.04	245,032
2016	8,458,499.13	1,054,462	789,251	8,515,098	39.90	213,411
2017	11,042,469.40	1,139,119	852,615	11,294,101	40.78	276,952
2018	9,743,998.13	790,803	591,906	10,126,492	41.68	242,958
2019	33,399,227.11	1,959,299	1,466,509	35,272,641	42.60	827,996
2020	28,331,658.51	1,010,987	756,710	30,408,114	43.54	698,395
2021	6,792,850.43	81,372	60,906	7,411,229	44.51	166,507
	178,576,484.84	28,809,422	21,563,467	174,870,666		4,610,396

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.9 2.58

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1						
NET SALVAGE PERCENT.. -15						
1926	5,532.97	6,363	6,363			
1930	987.72	1,136	1,136			
1932	1,823.16	2,081	2,097			
1933	739.58	838	851			
1934	1,069.05	1,203	1,229			
1935	611.42	683	703			
1936	124.89	138	144			
1938	246.04	268	283			
1939	213.64	231	246			
1940	408.73	439	470			
1941	1,247.30	1,331	1,434			
1942	19,261.11	20,408	22,150			
1943	3,325.52	3,498	3,824			
1945	1,935.64	2,007	2,226			
1946	648.38	667	746			
1947	148.08	151	170			
1948	5,150.74	5,219	5,923			
1949	5,528.91	5,557	6,358			
1950	2,703.32	2,696	3,109			
1952	5,357.23	5,252	6,161			
1953	298.64	290	343			
1954	8,096.02	7,798	9,310			
1955	5,255.56	5,016	6,044			
1956	4,946.10	4,677	5,688			
1957	37,588.87	35,196	43,227			
1958	16,018.82	14,852	18,422			
1959	4,228.68	3,881	4,863			
1960	9,665,604.44	8,778,756	11,115,445			
1961	1,321,101.73	1,187,049	1,519,267			
1962	1,272,196.59	1,130,758	1,463,026			
1963	1,850,783.89	1,626,567	2,128,401			
1964	1,810,903.66	1,573,004	2,082,539			
1965	4,550,760.08	3,906,400	5,224,621	8,753	11.41	767
1966	3,590,842.44	3,044,781	4,072,247	57,222	11.82	4,841
1967	5,757,333.49	4,820,040	6,446,570	174,364	12.24	14,245
1968	7,117,361.54	5,882,289	7,867,276	317,690	12.66	25,094
1969	8,915,524.57	7,270,401	9,723,809	529,044	13.09	40,416
1970	7,703,969.53	6,197,797	8,289,253	570,312	13.52	42,183
1971	7,446,103.97	5,906,600	7,899,791	663,229	13.96	47,509
1972	14,009,890.26	10,952,190	14,648,023	1,463,351	14.41	101,551
1973	7,136,460.07	5,495,031	7,349,337	857,592	14.87	57,673
1974	12,513,410.90	9,488,037	12,689,789	1,700,634	15.33	110,935
1975	12,154,539.54	9,066,928	12,126,577	1,851,143	15.81	117,087

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1						
NET SALVAGE PERCENT.. -15						
1976	6,693,017.30	4,912,360	6,570,043	1,126,927	16.28	69,222
1977	3,304,653.91	2,384,075	3,188,585	611,767	16.77	36,480
1978	2,888,240.36	2,047,491	2,738,420	583,056	17.26	33,781
1979	4,887,375.99	3,401,010	4,548,686	1,071,796	17.77	60,315
1980	5,340,380.93	3,648,014	4,879,042	1,262,396	18.27	69,097
1981	6,126,970.62	4,103,882	5,488,743	1,557,273	18.79	82,878
1982	5,930,346.29	3,891,911	5,205,242	1,614,656	19.32	83,574
1983	6,262,238.97	4,024,888	5,383,093	1,818,482	19.85	91,611
1984	7,834,090.05	4,927,043	6,589,681	2,419,523	20.39	118,662
1985	11,200,542.67	6,889,717	9,214,662	3,665,962	20.93	175,153
1986	13,264,954.27	7,969,664	10,659,039	4,595,658	21.49	213,851
1987	10,542,338.75	6,183,082	8,269,572	3,854,118	22.05	174,790
1988	14,647,242.01	8,377,190	11,204,085	5,640,243	22.62	249,348
1989	19,191,982.87	10,691,969	14,299,990	7,770,790	23.20	334,948
1990	24,000,920.49	13,009,207	17,399,184	10,201,875	23.79	428,830
1991	14,932,312.55	7,868,627	10,523,907	6,648,252	24.38	272,693
1992	16,702,637.07	8,545,462	11,429,141	7,778,892	24.98	311,405
1993	12,069,000.06	5,986,580	8,006,760	5,872,590	25.59	229,488
1994	10,413,848.69	5,003,302	6,691,674	5,284,252	26.20	201,689
1995	7,517,409.99	3,492,589	4,671,168	3,973,853	26.82	148,168
1996	10,649,379.00	4,776,246	6,387,997	5,858,789	27.45	213,435
1997	10,565,465.31	4,565,834	6,106,582	6,043,703	28.09	215,155
1998	11,331,494.61	4,711,567	6,301,492	6,729,727	28.73	234,240
1999	9,487,272.41	3,789,496	5,068,267	5,842,096	29.37	198,914
2000	26,906,079.62	10,300,280	13,776,125	17,165,867	30.02	571,814
2001	28,200,181.67	10,319,941	13,802,421	18,627,788	30.68	607,164
2002	45,527,039.92	15,893,216	21,256,406	31,099,690	31.34	992,332
2003	30,744,251.72	10,213,963	13,660,680	21,695,209	32.00	677,975
2004	31,656,136.47	9,974,849	13,340,877	23,063,680	32.67	705,959
2005	50,505,351.19	15,036,630	20,110,764	37,970,390	33.35	1,138,542
2006	63,972,603.75	17,950,713	24,008,208	49,560,286	34.02	1,456,799
2007	48,293,855.38	12,712,078	17,001,788	38,536,146	34.70	1,110,552
2008	70,819,485.51	17,392,841	23,262,082	58,180,326	35.39	1,643,976
2009	53,111,384.17	12,120,337	16,210,363	44,867,729	36.07	1,243,907
2010	38,505,162.25	8,108,282	10,844,434	33,436,503	36.76	909,589
2011	44,310,574.81	8,538,382	11,419,672	39,537,489	37.46	1,055,459
2012	58,989,668.39	10,326,318	13,810,950	54,027,169	38.15	1,416,177
2013	46,923,480.84	7,362,576	9,847,088	44,114,915	38.86	1,135,227
2014	51,586,872.92	7,171,788	9,591,919	49,732,985	39.56	1,257,153
2015	65,648,761.80	7,935,393	10,613,203	64,882,873	40.27	1,611,196
2016	70,613,167.33	7,236,190	9,678,053	71,527,089	40.99	1,744,989
2017	76,387,275.61	6,422,375	8,589,615	79,255,752	41.71	1,900,162
2018	93,274,746.69	6,125,959	8,193,173	99,072,786	42.43	2,334,970

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1						
NET SALVAGE PERCENT.. -15						
2019	121,748,308.57	5,725,032	7,656,953	132,353,602	43.16	3,066,580
2020	142,031,290.93	4,029,499	5,389,260	157,946,725	43.89	3,598,695
2021	92,766,005.77	876,917	1,172,834	105,508,073	44.63	2,364,062
	1,705,256,083.30	433,433,269	578,861,414	1,382,183,082		37,353,307
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.0 2.19						

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 52-R2						
NET SALVAGE PERCENT.. -50						
1960	3,449,549.06	4,142,460	4,446,466	727,858	10.37	70,189
1961	523,629.71	623,070	668,796	116,649	10.75	10,851
1962	1,012,202.03	1,193,325	1,280,901	237,402	11.13	21,330
1963	1,836,693.59	2,144,165	2,301,521	453,519	11.53	39,334
1964	2,365,633.64	2,733,655	2,934,272	614,178	11.94	51,439
1965	1,436,451.09	1,642,532	1,763,074	391,603	12.36	31,683
1966	2,780,327.44	3,144,717	3,375,501	794,990	12.79	62,157
1967	3,057,555.31	3,419,478	3,670,426	915,907	13.23	69,230
1968	1,684,821.15	1,862,368	1,999,043	528,189	13.68	38,610
1969	4,375,034.19	4,776,750	5,127,305	1,435,246	14.15	101,431
1970	3,134,179.65	3,379,508	3,627,523	1,073,746	14.62	73,444
1971	6,977,226.87	7,424,676	7,969,557	2,496,283	15.11	165,207
1972	7,063,802.80	7,414,980	7,959,149	2,636,555	15.61	168,902
1973	7,819,707.84	8,093,398	8,687,355	3,042,207	16.12	188,723
1974	11,210,353.30	11,434,560	12,273,718	4,541,812	16.64	272,945
1975	4,578,117.66	4,599,703	4,937,265	1,929,911	17.17	112,400
1976	8,248,142.52	8,156,134	8,754,695	3,617,519	17.72	204,149
1977	11,112,552.90	10,812,236	11,605,723	5,063,106	18.27	277,127
1978	9,754,308.15	9,330,337	10,015,070	4,616,392	18.84	245,031
1979	14,051,072.51	13,205,338	14,174,449	6,902,160	19.42	355,415
1980	13,562,113.16	12,514,915	13,433,358	6,909,812	20.01	345,318
1981	16,201,011.13	14,669,611	15,746,182	8,555,335	20.61	415,106
1982	18,551,701.63	16,477,250	17,686,480	10,141,072	21.21	478,127
1983	22,421,507.99	19,513,102	20,945,126	12,687,136	21.83	581,179
1984	25,702,952.84	21,894,289	23,501,064	15,053,365	22.47	669,932
1985	25,955,624.73	21,630,639	23,218,065	15,715,372	23.11	680,025
1986	32,141,638.66	26,183,222	28,104,752	20,107,706	23.76	846,284
1987	34,805,708.01	27,690,377	29,722,514	22,486,048	24.42	920,805
1988	44,341,625.33	34,420,187	36,946,210	29,566,228	25.09	1,178,407
1989	46,934,100.35	35,525,829	38,132,993	32,268,158	25.76	1,252,646
1990	71,274,132.04	52,530,817	56,385,941	50,525,257	26.45	1,910,218
1991	47,612,783.40	34,129,795	36,634,507	34,784,668	27.15	1,281,203
1992	37,148,092.52	25,867,888	27,766,277	27,955,862	27.86	1,003,441
1993	38,524,682.75	26,037,677	27,948,526	29,838,498	28.57	1,044,400
1994	21,792,883.25	14,276,409	15,324,124	17,365,201	29.29	592,871
1995	20,721,584.29	13,132,304	14,096,055	16,986,321	30.03	565,645
1996	20,907,062.35	12,803,590	13,743,218	17,617,376	30.77	572,550
1997	18,495,278.60	10,931,819	11,734,082	16,008,836	31.51	508,056
1998	18,062,991.75	10,280,190	11,034,631	16,059,857	32.27	497,671
1999	19,060,487.54	10,430,185	11,195,634	17,395,097	33.03	526,645
2000	59,488,480.80	31,214,498	33,505,263	55,727,458	33.81	1,648,254
2001	28,781,169.81	14,454,335	15,515,107	27,656,648	34.59	799,556
2002	22,169,474.64	10,635,030	11,415,512	21,838,700	35.37	617,436

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 52-R2						
NET SALVAGE PERCENT.. -50						
2003	24,282,063.59	11,087,919	11,901,637	24,521,458	36.17	677,950
2004	39,167,667.22	16,981,534	18,227,772	40,523,729	36.97	1,096,125
2005	44,232,818.25	18,143,860	19,475,399	46,873,828	37.78	1,240,705
2006	42,475,373.96	16,430,324	17,636,110	46,076,951	38.59	1,194,013
2007	40,902,706.74	14,855,045	15,945,225	45,408,835	39.41	1,152,216
2008	42,400,684.19	14,383,372	15,438,937	48,162,089	40.24	1,196,871
2009	34,395,607.11	10,844,419	11,640,267	39,953,144	41.07	972,806
2010	24,083,228.00	7,002,801	7,516,721	28,608,121	41.92	682,446
2011	46,756,275.29	12,462,184	13,376,757	56,757,656	42.76	1,327,354
2012	26,997,747.03	6,526,030	7,004,961	33,491,660	43.62	767,805
2013	33,614,562.63	7,292,007	7,827,152	42,594,692	44.48	957,614
2014	74,264,649.50	14,267,724	15,314,802	96,082,172	45.34	2,119,148
2015	55,223,889.45	9,223,770	9,900,683	72,935,151	46.21	1,578,341
2016	58,048,237.97	8,221,372	8,824,721	78,247,636	47.09	1,661,661
2017	88,665,735.56	10,307,392	11,063,829	121,934,774	47.97	2,541,896
2018	66,500,036.24	6,022,908	6,464,916	93,285,138	48.86	1,909,233
2019	69,062,622.45	4,482,510	4,811,472	98,782,462	49.75	1,985,577
2020	86,312,490.87	3,361,008	3,607,665	125,861,071	50.65	2,484,917
2021	131,777,547.98	1,709,814	1,835,293	195,831,029	51.55	3,798,856
	1,840,292,393.01	800,383,341	859,121,749	1,901,316,841		50,840,906

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.4 2.76

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 364.10 POLES, TOWERS AND FIXTURES - STORM SECURITIZATION

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
2018	6,687,318.00	6,687,318	6,687,318			
	6,687,318.00	6,687,318	6,687,318			
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					0.0	0.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 52-R0.5						
NET SALVAGE PERCENT.. -30						
1960	3,570,313.04	3,026,754	4,322,874	318,533	18.09	17,608
1961	2,067,488.22	1,729,960	2,470,766	216,969	18.53	11,709
1962	2,176,599.29	1,796,783	2,566,204	263,375	18.98	13,876
1963	2,340,909.73	1,906,097	2,722,328	320,855	19.43	16,513
1964	2,504,055.19	2,010,749	2,871,794	383,478	19.88	19,290
1965	1,067,821.63	845,186	1,207,113	181,055	20.34	8,901
1966	2,617,145.10	2,041,373	2,915,532	486,757	20.80	23,402
1967	3,141,567.49	2,413,503	3,447,016	637,022	21.27	29,949
1968	1,797,433.79	1,359,751	1,942,025	394,639	21.74	18,153
1969	3,962,786.87	2,951,262	4,215,055	936,568	22.21	42,169
1970	2,800,680.35	2,052,185	2,930,974	709,910	22.69	31,287
1971	6,030,532.35	4,344,993	6,205,611	1,634,081	23.18	70,495
1972	5,006,717.21	3,547,259	5,066,271	1,442,461	23.66	60,966
1973	7,607,065.05	5,294,472	7,561,677	2,327,508	24.16	96,337
1974	10,029,971.18	6,857,973	9,794,702	3,244,261	24.65	131,613
1975	2,685,645.07	1,802,054	2,573,732	917,607	25.16	36,471
1976	5,009,298.59	3,298,633	4,711,178	1,800,910	25.66	70,184
1977	7,307,565.16	4,718,853	6,739,566	2,760,269	26.17	105,475
1978	5,738,209.89	3,630,847	5,185,653	2,274,020	26.69	85,201
1979	9,552,593.57	5,920,210	8,455,369	3,963,003	27.21	145,645
1980	5,908,346.38	3,584,883	5,120,006	2,560,844	27.73	92,349
1981	10,161,859.26	6,031,084	8,613,722	4,596,695	28.26	162,657
1982	11,656,640.69	6,763,824	9,660,237	5,493,396	28.79	190,809
1983	13,822,787.66	7,834,037	11,188,738	6,780,886	29.33	231,193
1984	15,197,731.06	8,408,205	12,008,777	7,748,273	29.87	259,400
1985	14,364,280.38	7,749,529	11,068,042	7,605,522	30.42	250,017
1986	17,676,358.91	9,297,871	13,279,416	9,699,851	30.96	313,303
1987	18,667,475.89	9,557,841	13,650,711	10,617,008	31.52	336,834
1988	28,193,375.18	14,047,377	20,062,762	16,588,626	32.07	517,263
1989	29,839,037.46	14,449,554	20,637,159	18,153,590	32.63	556,347
1990	47,539,686.23	22,355,490	31,928,585	29,873,007	33.19	900,060
1991	31,097,153.93	14,180,333	20,252,652	20,173,648	33.76	597,561
1992	23,889,458.98	10,553,240	15,072,361	15,983,936	34.33	465,597
1993	22,724,509.26	9,714,841	13,874,942	15,666,920	34.90	448,909
1994	30,211,630.18	12,477,313	17,820,363	21,454,756	35.48	604,700
1995	36,555,777.94	14,567,551	20,805,685	26,716,826	36.06	740,899
1996	46,460,178.05	17,840,430	25,480,080	34,918,151	36.64	953,006
1997	56,718,357.09	20,957,376	29,931,769	43,802,095	37.22	1,176,843
1998	51,780,665.60	18,368,880	26,234,824	41,080,041	37.81	1,086,486
1999	52,510,337.97	17,866,590	25,517,443	42,745,996	38.39	1,113,467
2000	85,397,228.59	27,796,286	39,699,245	71,317,152	38.98	1,829,583
2001	90,473,565.65	28,114,841	40,154,212	77,461,423	39.57	1,957,580
2002	73,461,933.27	21,726,367	31,030,058	64,470,455	40.17	1,604,940

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 52-R0.5						
NET SALVAGE PERCENT.. -30						
2003	56,156,595.61	15,779,723	22,536,935	50,466,639	40.76	1,238,141
2004	66,404,121.58	17,663,895	25,227,949	61,097,409	41.36	1,477,210
2005	76,870,169.23	19,313,707	27,584,246	72,346,974	41.95	1,724,600
2006	68,368,512.04	16,151,993	23,068,619	65,810,447	42.55	1,546,662
2007	65,738,831.64	14,544,519	20,772,790	64,687,691	43.15	1,499,135
2008	68,168,660.68	14,059,445	20,079,997	68,539,262	43.75	1,566,612
2009	56,167,255.13	10,742,325	15,342,416	57,675,016	44.35	1,300,451
2010	38,395,034.58	6,757,296	9,650,913	40,262,632	44.96	895,521
2011	76,909,928.28	12,382,883	17,685,496	82,297,411	45.56	1,806,352
2012	72,208,764.51	10,524,861	15,031,830	78,839,564	46.17	1,707,593
2013	95,440,482.34	12,479,225	17,823,094	106,249,533	46.77	2,271,745
2014	82,240,667.82	9,499,208	13,566,970	93,345,898	47.38	1,970,154
2015	103,447,566.20	10,371,239	14,812,423	119,669,413	47.99	2,493,632
2016	97,158,157.19	8,233,862	11,759,776	114,545,828	48.61	2,356,425
2017	146,252,092.37	10,164,228	14,516,766	175,610,954	49.22	3,567,878
2018	98,086,296.65	5,321,084	7,599,685	119,912,501	49.83	2,406,432
2019	146,131,687.44	5,663,041	8,088,075	181,883,119	50.45	3,605,215
2020	170,185,893.33	3,955,801	5,649,759	215,591,902	51.07	4,221,498
2021	186,744,015.07	1,446,893	2,066,483	240,700,737	51.69	4,656,621
	2,672,397,506.07	590,847,868	843,861,451	2,630,255,307		59,736,924

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 44.0 2.24

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 365.10 OVERHEAD CONDUCTORS AND DEVICES - STORM SECURITIZATION

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
2018	6,179,207.00	6,179,207	6,179,207			
	6,179,207.00	6,179,207	6,179,207			
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					0.0	0.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 366.00 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 65-R3						
NET SALVAGE PERCENT.. -20						
1960	254,475.32	235,605	305,370			
1961	32,540.53	29,809	39,049			
1962	54,300.80	49,202	65,161			
1963	24,973.80	22,370	29,969			
1964	69,421.53	61,454	83,306			
1965	115,113.58	100,670	137,717	419	17.63	24
1966	523,726.92	452,211	618,627	9,845	18.23	540
1967	125,644.15	107,071	146,474	4,299	18.84	228
1968	138,570.13	116,502	159,375	6,909	19.46	355
1969	10,901,668.68	9,036,655	12,362,189	719,813	20.10	35,812
1970	610,584.48	498,801	682,362	50,339	20.75	2,426
1971	538,880.78	433,661	593,250	53,407	21.41	2,494
1972	270,320.54	214,194	293,018	31,367	22.08	1,421
1973	580,548.30	452,723	619,327	77,331	22.76	3,398
1974	104,633.21	80,262	109,799	15,761	23.45	672
1975	373,621.03	281,700	385,367	62,978	24.16	2,607
1976	633,201.14	469,111	641,746	118,095	24.87	4,748
1977	1,688,966.13	1,228,844	1,681,065	345,694	25.59	13,509
1978	592,642.10	423,090	578,789	132,382	26.33	5,028
1979	782,879.17	548,210	749,954	189,501	27.07	7,000
1980	919,687.80	631,274	863,586	240,039	27.82	8,628
1981	965,372.72	649,090	887,958	270,489	28.58	9,464
1982	944,895.55	621,885	850,742	283,133	29.35	9,647
1983	1,220,855.75	785,928	1,075,153	389,874	30.13	12,940
1984	2,783,006.96	1,751,491	2,396,048	943,560	30.91	30,526
1985	3,677,653.18	2,260,212	3,091,981	1,321,203	31.71	41,665
1986	5,954,780.42	3,571,796	4,886,235	2,259,502	32.51	69,502
1987	9,209,080.52	5,385,986	7,368,056	3,682,841	33.32	110,529
1988	14,063,436.65	8,012,277	10,960,835	5,915,289	34.14	173,266
1989	14,330,515.75	7,947,417	10,872,106	6,324,513	34.96	180,907
1990	20,244,949.27	10,913,566	14,929,813	9,364,126	35.80	261,568
1991	12,254,546.21	6,416,137	8,777,308	5,928,147	36.64	161,794
1992	8,525,551.80	4,329,923	5,923,356	4,307,306	37.49	114,892
1993	5,485,570.20	2,699,888	3,693,460	2,889,224	38.34	75,358
1994	2,675,508.93	1,273,874	1,742,666	1,467,945	39.21	37,438
1995	1,769,063.12	813,868	1,113,376	1,009,500	40.08	25,187
1996	1,354,429.85	601,367	822,673	802,643	40.95	19,601
1997	2,152,702.61	920,823	1,259,690	1,323,553	41.83	31,641
1998	2,768,534.35	1,138,765	1,557,836	1,764,405	42.72	41,302
1999	2,742,232.81	1,082,370	1,480,688	1,809,991	43.62	41,495
2000	3,957,160.16	1,496,186	2,046,790	2,701,802	44.52	60,687
2001	3,327,983.39	1,202,387	1,644,871	2,348,709	45.43	51,700
2002	2,113,417.21	728,064	995,995	1,540,106	46.34	33,235

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 366.00 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 65-R3						
NET SALVAGE PERCENT.. -20						
2003	1,699,585.74	556,621	761,460	1,278,043	47.26	27,043
2004	2,052,927.29	637,483	872,080	1,591,433	48.18	33,031
2005	3,182,483.75	933,588	1,277,153	2,541,828	49.11	51,758
2006	2,561,051.42	706,850	966,974	2,106,288	50.05	42,084
2007	4,453,727.94	1,151,948	1,575,871	3,768,603	50.99	73,909
2008	4,204,811.44	1,014,604	1,387,983	3,657,791	51.93	70,437
2009	7,175,506.93	1,605,534	2,196,379	6,414,229	52.88	121,298
2010	1,887,564.93	389,254	532,501	1,732,577	53.83	32,186
2011	3,880,854.73	732,224	1,001,686	3,655,340	54.78	66,728
2012	2,660,794.61	454,868	622,262	2,570,692	55.74	46,119
2013	3,182,021.54	487,002	666,221	3,152,205	56.71	55,585
2014	4,993,487.75	675,739	924,415	5,067,770	57.67	87,875
2015	4,597,930.53	539,889	738,571	4,778,946	58.64	81,496
2016	4,977,431.50	495,274	677,537	5,295,381	59.61	88,834
2017	4,504,429.35	366,751	501,717	4,903,598	60.59	80,931
2018	7,245,372.10	460,110	629,433	8,065,014	61.56	131,011
2019	16,253,257.33	738,223	1,009,893	18,494,016	62.54	295,715
2020	18,948,051.62	517,737	708,267	22,029,395	63.52	346,810
2021	29,611,705.39	267,927	366,526	35,167,520	64.51	545,148
	269,930,643.42	92,808,345	126,940,065	196,976,707		3,961,232
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					49.7	1.47

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 54-R3						
NET SALVAGE PERCENT.. -20						
1967	71,769.82	69,122	78,815	7,309	10.66	686
1968	184,040.65	175,330	199,917	20,932	11.13	1,881
1969	5,676,330.06	5,345,809	6,095,474	716,122	11.62	61,628
1970	1,319,453.32	1,227,978	1,400,182	183,162	12.12	15,112
1971	2,000,518.41	1,838,252	2,096,038	304,584	12.65	24,078
1972	491,397.77	445,643	508,137	81,540	13.19	6,182
1973	2,741,097.73	2,452,383	2,796,291	493,026	13.74	35,883
1974	4,277,027.67	3,771,363	4,300,237	832,196	14.32	58,114
1975	1,154,286.26	1,002,692	1,143,304	241,840	14.91	16,220
1976	3,215,448.23	2,750,289	3,135,973	722,565	15.51	46,587
1977	4,638,920.74	3,902,872	4,450,188	1,116,517	16.14	69,177
1978	3,744,936.89	3,098,291	3,532,777	961,147	16.77	57,313
1979	7,326,442.84	5,955,607	6,790,786	2,000,945	17.42	114,865
1980	8,510,934.73	6,791,726	7,744,157	2,468,965	18.09	136,482
1981	9,355,930.24	7,324,683	8,351,853	2,875,263	18.77	153,184
1982	10,843,705.61	8,323,151	9,490,340	3,522,107	19.46	180,992
1983	11,494,994.68	8,644,282	9,856,505	3,937,489	20.16	195,312
1984	13,383,144.71	9,849,941	11,231,238	4,828,536	20.88	231,252
1985	15,455,511.20	11,124,444	12,684,470	5,862,143	21.61	271,270
1986	24,709,707.38	17,384,762	19,822,698	9,828,951	22.34	439,971
1987	25,402,162.06	17,448,542	19,895,422	10,587,172	23.09	458,518
1988	45,218,971.02	30,286,762	34,533,998	19,728,767	23.86	826,855
1989	37,463,939.20	24,451,514	27,880,449	17,076,278	24.63	693,312
1990	53,391,314.05	33,920,997	38,677,876	25,391,701	25.41	999,280
1991	63,919,829.18	39,487,881	45,025,427	31,678,368	26.20	1,209,098
1992	52,978,089.15	31,786,853	36,244,452	27,329,255	27.00	1,012,195
1993	48,266,347.02	28,091,014	32,030,331	25,889,285	27.81	930,934
1994	33,724,979.54	19,013,199	21,679,497	18,790,478	28.63	656,321
1995	35,028,784.34	19,102,177	21,780,953	20,253,588	29.46	687,495
1996	32,360,577.09	17,043,280	19,433,328	19,399,365	30.30	640,243
1997	35,228,858.55	17,888,510	20,397,088	21,877,542	31.15	702,329
1998	54,641,639.78	26,701,402	30,445,848	35,124,120	32.01	1,097,286
1999	45,621,855.88	21,422,199	24,426,321	30,319,906	32.87	922,419
2000	81,692,457.19	36,780,232	41,938,073	56,092,876	33.74	1,662,504
2001	73,908,000.78	31,812,960	36,274,221	52,415,380	34.63	1,513,583
2002	56,887,773.69	23,374,731	26,652,664	41,612,664	35.51	1,171,858
2003	50,434,166.82	19,714,111	22,478,701	38,042,299	36.41	1,044,831
2004	64,514,774.51	23,927,498	27,282,948	50,134,781	37.31	1,343,736
2005	91,373,261.51	32,041,313	36,534,596	73,113,318	38.22	1,912,960
2006	96,811,914.62	31,970,005	36,453,289	79,721,009	39.14	2,036,817
2007	127,296,921.12	39,405,017	44,930,942	107,825,363	40.07	2,690,925
2008	111,804,449.34	32,298,964	36,828,379	97,336,960	41.00	2,374,072
2009	44,555,720.12	11,950,913	13,626,838	39,840,026	41.93	950,156

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 54-R3						
NET SALVAGE PERCENT.. -20						
2010	26,937,134.74	6,662,415	7,596,713	24,727,849	42.87	576,810
2011	29,442,058.02	6,660,500	7,594,529	27,735,941	43.82	632,952
2012	33,886,095.85	6,950,580	7,925,288	32,738,027	44.77	731,249
2013	52,519,224.96	9,651,983	11,005,520	52,017,550	45.73	1,137,493
2014	37,300,231.37	6,059,199	6,908,905	37,851,373	46.69	810,696
2015	46,930,039.63	6,622,204	7,550,862	48,765,186	47.65	1,023,404
2016	60,335,884.33	7,213,517	8,225,098	64,177,963	48.62	1,319,991
2017	97,620,109.06	9,567,161	10,908,803	106,235,328	49.59	2,142,273
2018	77,074,869.88	5,874,955	6,698,824	85,791,020	50.57	1,696,481
2019	152,989,015.29	8,364,215	9,537,163	174,049,655	51.54	3,376,982
2020	150,257,679.56	4,942,276	5,635,351	174,673,864	52.52	3,325,854
2021	333,912,640.59	3,634,305	4,143,958	396,551,211	53.51	7,410,787
	2,592,327,368.78	793,602,004	904,892,035	2,205,900,808		53,838,888

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 41.0 2.08

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 368.00 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1.5						
NET SALVAGE PERCENT.. -15						
1929	0.27					
1933	50.34	57	58			
1939	193.43	209	222			
1940	124.91	134	144			
1941	170.84	183	196			
1942	91.74	98	106			
1944	236.35	248	272			
1945	1,894.41	1,981	2,179			
1946	2,640.26	2,745	3,036			
1947	4,364.26	4,511	5,019			
1948	7,150.54	7,346	8,223			
1949	5,376.21	5,489	6,183			
1950	7,403.11	7,511	8,514			
1951	9,868.80	9,947	11,349			
1952	9,646.05	9,656	11,092	1	5.83	
1953	13,575.93	13,492	15,499	113	6.11	18
1954	15,702.12	15,493	17,797	260	6.39	41
1955	23,913.18	23,424	26,908	592	6.67	89
1956	15,662.63	15,226	17,491	521	6.96	75
1957	38,685.43	37,321	42,872	1,616	7.25	223
1958	32,242.35	30,858	35,448	1,631	7.55	216
1959	51,888.30	49,262	56,589	3,083	7.85	393
1960	432,887.76	407,551	468,171	29,650	8.16	3,634
1961	89,855.08	83,861	96,335	6,998	8.48	825
1962	538,864.48	498,507	572,656	47,038	8.80	5,345
1963	705,402.20	646,804	743,011	68,202	9.12	7,478
1964	1,210,258.20	1,099,213	1,262,713	129,084	9.46	13,645
1965	1,613,114.99	1,451,082	1,666,920	188,162	9.80	19,200
1966	2,240,997.67	1,995,846	2,292,714	284,433	10.15	28,023
1967	4,137,826.34	3,646,058	4,188,383	570,117	10.52	54,194
1968	3,235,897.28	2,820,732	3,240,295	480,987	10.89	44,168
1969	5,584,107.00	4,813,467	5,529,435	892,288	11.27	79,174
1970	3,759,379.24	3,203,079	3,679,514	643,772	11.66	55,212
1971	4,804,721.48	4,044,615	4,646,222	879,208	12.06	72,903
1972	5,409,739.29	4,497,243	5,166,175	1,055,025	12.47	84,605
1973	10,704,979.72	8,784,442	10,091,064	2,219,663	12.89	172,200
1974	11,634,192.57	9,416,099	10,816,676	2,562,645	13.33	192,246
1975	1,221,498.96	974,878	1,119,884	284,840	13.77	20,686
1976	1,567,219.64	1,232,378	1,415,685	386,618	14.23	27,169
1977	9,437,436.38	7,307,685	8,394,650	2,458,402	14.70	167,238
1978	10,923,628.69	8,324,575	9,562,795	2,999,378	15.18	197,587
1979	12,526,890.36	9,386,324	10,782,472	3,623,452	15.68	231,088
1980	9,227,738.38	6,796,285	7,807,183	2,804,716	16.18	173,345

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 368.00 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1.5						
NET SALVAGE PERCENT.. -15						
1981	11,246,023.19	8,133,388	9,343,171	3,589,756	16.70	214,955
1982	11,232,694.80	7,974,421	9,160,558	3,757,041	17.22	218,179
1983	17,160,569.22	11,945,978	13,722,856	6,011,799	17.76	338,502
1984	20,811,628.28	14,195,123	16,306,545	7,626,828	18.31	416,539
1985	25,028,510.73	16,713,301	19,199,284	9,583,503	18.87	507,870
1986	33,999,029.64	22,199,564	25,501,589	13,597,295	19.45	699,090
1987	17,459,707.68	11,141,450	12,798,660	7,280,004	20.03	363,455
1988	65,224,291.12	40,637,799	46,682,378	28,325,557	20.62	1,373,693
1989	47,821,218.69	29,049,143	33,369,993	21,624,408	21.23	1,018,578
1990	38,762,012.27	22,942,092	26,354,562	18,221,752	21.84	834,329
1991	32,419,486.26	18,674,386	21,452,066	15,830,343	22.46	704,824
1992	26,756,962.37	14,975,083	17,202,518	13,567,989	23.10	587,359
1993	37,079,573.00	20,145,554	23,142,060	19,499,449	23.74	821,375
1994	23,337,097.73	12,291,649	14,119,943	12,717,719	24.39	521,432
1995	24,810,109.90	12,648,926	14,530,362	14,001,264	25.05	558,933
1996	24,255,474.45	11,950,818	13,728,416	14,165,380	25.72	550,753
1997	20,692,559.81	9,835,784	11,298,786	12,497,658	26.40	473,396
1998	30,875,115.41	14,131,540	16,233,504	19,272,879	27.09	711,439
1999	30,529,580.10	13,435,168	15,433,552	19,675,465	27.78	708,260
2000	43,646,571.04	18,426,557	21,167,374	29,026,183	28.48	1,019,178
2001	38,367,911.34	15,501,768	17,807,544	26,315,554	29.19	901,526
2002	29,899,048.10	11,537,863	13,254,037	21,129,868	29.90	706,685
2003	34,725,755.56	12,752,322	14,649,138	25,285,481	30.63	825,514
2004	33,027,881.71	11,512,743	13,225,180	24,756,884	31.36	789,441
2005	41,524,401.91	13,699,876	15,737,634	32,015,428	32.09	997,676
2006	49,360,474.57	15,351,404	17,634,814	39,129,732	32.83	1,191,889
2007	49,537,389.01	14,457,338	16,607,763	40,360,234	33.58	1,201,913
2008	56,558,221.78	15,422,098	17,716,024	47,325,931	34.33	1,378,559
2009	35,260,350.46	8,929,790	10,258,032	30,291,371	35.09	863,248
2010	23,185,495.41	5,421,453	6,227,855	20,435,465	35.85	570,027
2011	54,901,383.43	11,757,296	13,506,109	49,630,482	36.62	1,355,284
2012	30,339,920.96	5,900,402	6,778,044	28,112,865	37.39	751,882
2013	36,235,930.93	6,324,873	7,265,652	34,405,669	38.17	901,380
2014	36,203,077.54	5,597,213	6,429,758	35,203,781	38.95	903,820
2015	45,965,933.09	6,178,902	7,097,969	45,762,854	39.74	1,151,556
2016	53,161,509.79	6,059,163	6,960,420	54,175,316	40.54	1,336,342
2017	60,040,467.92	5,615,555	6,450,828	62,595,710	41.34	1,514,168
2018	56,507,585.54	4,130,365	4,744,727	60,238,996	42.14	1,429,497

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 368.00 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1.5						
NET SALVAGE PERCENT.. -15						
2019	107,459,387.30	5,630,227	6,467,682	117,110,613	42.95	2,726,673
2020	96,658,438.81	3,037,926	3,489,796	107,667,409	43.77	2,459,845
2021	184,171,088.39	1,929,468	2,216,462	209,580,290	44.59	4,700,163
	1,837,487,386.41	599,861,684	689,085,795	1,424,024,699		42,950,247
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					33.2	2.34

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 368.10 LINE TRANSFORMERS - STORM SECURITIZATION

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
2018	4,855,160.00	4,855,160	4,855,160			
	4,855,160.00	4,855,160	4,855,160			
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					0.0	0.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 369.00 SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 55-R1.5						
NET SALVAGE PERCENT.. -25						
1960	5,982,290.45	5,461,532	7,477,863			
1961	1,281,482.96	1,157,996	1,601,854			
1962	1,369,440.06	1,224,399	1,711,800			
1963	1,136,000.66	1,004,324	1,420,001			
1964	1,687,923.27	1,475,393	2,109,904			
1965	486,128.98	419,949	607,661			
1966	1,792,450.86	1,529,700	2,240,564			
1967	2,227,763.14	1,877,392	2,784,704			
1968	746,533.63	620,976	933,167			
1969	3,252,278.07	2,669,836	4,065,348			
1970	741,960.53	600,654	927,451			
1971	3,061,251.59	2,442,726	3,826,564			
1972	4,322,396.97	3,397,998	5,402,996			
1973	4,145,139.74	3,209,634	5,181,425			
1974	5,753,093.06	4,384,145	7,191,366			
1975	1,494,907.03	1,120,508	1,868,634			
1976	4,557,938.39	3,359,428	5,637,959	59,464	22.57	2,635
1977	6,133,940.11	4,442,889	7,456,278	211,147	23.13	9,129
1978	6,293,687.68	4,477,093	7,513,680	353,430	23.70	14,913
1979	7,598,795.90	5,303,580	8,900,732	597,763	24.29	24,609
1980	5,999,691.82	4,107,089	6,892,721	606,894	24.88	24,393
1981	9,002,251.79	6,041,749	10,139,564	1,113,251	25.47	43,708
1982	8,370,763.59	5,501,894	9,233,553	1,229,901	26.08	47,159
1983	12,604,937.52	8,110,174	13,610,898	2,145,274	26.69	80,377
1984	11,301,975.12	7,109,931	11,932,240	2,195,229	27.32	80,352
1985	8,217,825.78	5,052,114	8,478,709	1,793,573	27.95	64,171
1986	6,708,494.42	4,026,606	6,757,651	1,627,967	28.59	56,942
1987	14,041,525.46	8,223,946	13,801,836	3,750,071	29.23	128,295
1988	24,179,006.51	13,798,657	23,157,593	7,066,165	29.89	236,406
1989	23,809,513.10	13,230,649	22,204,334	7,557,557	30.55	247,383
1990	23,308,684.49	12,602,714	21,150,502	7,985,354	31.21	255,859
1991	18,079,896.01	9,496,013	15,936,682	6,663,188	31.89	208,943
1992	18,137,206.31	9,245,894	15,516,920	7,154,588	32.57	219,668
1993	24,999,754.52	12,352,066	20,729,852	10,519,841	33.26	316,291
1994	21,761,824.29	10,411,129	17,472,475	9,729,805	33.95	286,592
1995	20,869,955.78	9,652,355	16,199,063	9,888,382	34.65	285,379
1996	26,585,845.90	11,866,925	19,915,665	13,316,642	35.36	376,602
1997	32,470,073.36	13,969,437	23,444,205	17,143,387	36.07	475,281
1998	25,910,529.24	10,723,396	17,996,537	14,391,625	36.79	391,183
1999	33,187,215.21	13,191,918	22,139,334	19,344,685	37.51	515,721
2000	38,273,358.22	14,578,801	24,466,870	23,374,828	38.24	611,266
2001	30,665,151.42	11,164,798	18,737,320	19,594,119	38.98	502,671
2002	33,783,591.02	11,739,798	19,702,314	22,527,175	39.71	567,292

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 369.00 SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 55-R1.5						
NET SALVAGE PERCENT.. -25						
2003	12,295,885.47	4,063,175	6,819,023	8,550,834	40.46	211,340
2004	28,585,074.43	8,958,920	15,035,306	20,696,037	41.21	502,209
2005	34,043,085.04	10,089,094	16,932,020	25,621,836	41.96	610,625
2006	39,692,607.04	11,077,710	18,591,165	31,024,594	42.72	726,231
2007	38,471,977.26	10,072,445	16,904,079	31,185,893	43.48	717,247
2008	14,593,986.37	3,568,959	5,989,605	12,252,878	44.24	276,964
2009	42,590,953.29	9,670,276	16,229,139	37,009,553	45.01	822,252
2010	14,628,751.17	3,061,980	5,138,767	13,147,172	45.79	287,119
2011	39,416,551.35	7,551,719	12,673,671	36,597,018	46.57	785,850
2012	27,035,317.55	4,700,428	7,888,492	25,905,655	47.35	547,110
2013	35,229,398.16	5,492,704	9,218,129	34,818,619	48.14	723,278
2014	47,847,048.29	6,600,500	11,077,288	48,731,522	48.93	995,944
2015	38,007,949.69	4,560,954	7,654,420	39,855,517	49.72	801,599
2016	41,215,239.67	4,196,227	7,042,317	44,476,733	50.52	880,379
2017	30,601,978.90	2,552,588	4,283,880	33,968,594	51.33	661,769
2018	25,388,059.70	1,650,224	2,769,488	28,965,587	52.14	555,535
2019	83,909,461.40	3,909,132	6,560,501	98,326,326	52.95	1,856,966
2020	77,172,783.66	2,156,979	3,619,950	92,846,030	53.77	1,726,725
2021	66,764,247.12	621,742	1,043,438	82,411,871	54.59	1,509,651
	1,273,824,829.52	380,933,961	633,947,467	958,333,570		21,272,013
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					45.1	1.67

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 13-L0						
NET SALVAGE PERCENT.. 0						
1960	2,439,746.86	2,439,747	2,439,747			
1961	246,604.56	246,605	246,605			
1962	316,758.95	316,759	316,759			
1963	328,023.57	328,024	328,024			
1964	315,720.43	315,720	315,720			
1965	303,195.79	303,196	303,196			
1966	402,581.90	402,582	402,582			
1967	449,416.42	449,416	449,416			
1968	413,815.71	413,816	413,816			
1969	566,339.44	545,430	566,339			
1970	763,792.97	727,368	763,793			
1971	744,214.93	699,562	743,242	973	0.78	973
1972	852,077.49	791,776	841,214	10,863	0.92	10,863
1973	996,561.34	918,371	975,713	20,848	1.02	20,439
1974	1,868,192.13	1,702,932	1,809,262	58,930	1.15	51,243
1975	287,751.66	259,641	275,853	11,899	1.27	9,369
1976	1,393,164.49	1,244,207	1,321,894	71,270	1.39	51,273
1977	1,350,523.93	1,192,621	1,267,087	83,437	1.52	54,893
1978	1,546,289.98	1,351,225	1,435,594	110,696	1.64	67,498
1979	1,974,197.71	1,705,411	1,811,895	162,303	1.77	91,697
1980	1,924,021.90	1,642,826	1,745,403	178,619	1.90	94,010
1981	2,509,867.11	2,116,019	2,248,141	261,726	2.04	128,297
1982	2,537,543.53	2,113,977	2,245,972	291,572	2.17	134,365
1983	3,167,312.25	2,604,513	2,767,137	400,175	2.31	173,236
1984	3,393,276.91	2,751,167	2,922,948	470,329	2.46	191,191
1985	4,113,965.51	3,291,172	3,496,670	617,296	2.60	237,422
1986	3,172,271.65	2,501,209	2,657,382	514,890	2.75	187,233
1987	3,031,392.41	2,355,149	2,502,203	529,189	2.90	182,479
1988	3,537,543.38	2,704,876	2,873,766	663,777	3.06	216,921
1989	2,927,850.67	2,202,651	2,340,183	587,668	3.22	182,506
1990	1,224,995.56	906,497	963,098	261,898	3.38	77,485
1991	3,143,580.28	2,285,131	2,427,813	715,767	3.55	201,625
1992	2,635,202.50	1,879,110	1,996,440	638,762	3.73	171,250
1993	2,045,259.71	1,431,682	1,521,075	524,185	3.90	134,406
1994	3,111,880.20	2,135,217	2,268,538	843,342	4.08	206,701
1995	2,546,086.33	1,709,799	1,816,557	729,529	4.27	170,850
1996	2,950,594.98	1,938,305	2,059,331	891,264	4.46	199,835
1997	1,945,830.79	1,248,328	1,326,273	619,558	4.66	132,952
1998	1,678,392.55	1,049,633	1,115,171	563,222	4.87	115,651
1999	1,240,842.80	755,959	803,160	437,683	5.08	86,158
2000	719,275.30	426,588	453,224	266,051	5.29	50,293
2001	1,727,531.62	993,987	1,056,051	671,481	5.52	121,645
2002	2,644,046.80	1,474,558	1,566,628	1,077,419	5.75	187,377

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 13-L0						
NET SALVAGE PERCENT.. 0						
2003	620,951.87	334,836	355,743	265,209	5.99	44,275
2004	1,359,609.02	706,997	751,141	608,468	6.24	97,511
2005	693,892.87	347,481	369,177	324,716	6.49	50,033
2006	536,730.10	257,630	273,716	263,014	6.76	38,907
2007	1,125,283.11	516,764	549,030	576,253	7.03	81,971
2008	1,403,688.21	613,299	651,593	752,095	7.32	102,745
2009	1,200,358.03	496,768	527,786	672,572	7.62	88,264
2010	828,733.82	323,844	344,065	484,669	7.92	61,196
2011	870,272.92	318,650	338,546	531,727	8.24	64,530
2012	1,982,345.52	675,524	717,703	1,264,643	8.57	147,566
2013	655,000.10	205,572	218,408	436,592	8.92	48,945
2014	964,725.41	276,056	293,293	671,432	9.28	72,353
2015	1,134,333.58	292,306	310,557	823,777	9.65	85,365
2016	1,052,031.18	239,537	254,493	797,538	10.04	79,436
2017	851,488.09	167,019	177,448	674,040	10.45	64,501
2018	377,741.82	61,020	64,830	312,912	10.90	28,708
2019	13,166,974.71	1,630,730	1,732,551	11,434,424	11.39	1,003,900
2020	3,833,999.94	312,624	332,144	3,501,856	11.94	293,288
2021	5,438,909.33	167,355	177,805	5,261,104	12.60	417,548
	113,584,604.63	66,816,774	70,640,944	42,943,661		6,813,178

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 6.3 6.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.02 METERS - UTILITY OF THE FUTURE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 15-S2.5						
NET SALVAGE PERCENT.. 0						
2009	11,733,367.45	8,221,219	9,677,213	2,056,154	4.49	457,941
2010	245,199.10	163,138	192,030	53,169	5.02	10,591
2013	82,246.67	43,700	51,439	30,808	7.03	4,382
2014	9,937.18	4,750	5,591	4,346	7.83	555
2015	2,827,527.24	1,189,456	1,400,111	1,427,416	8.69	164,260
2016	82,408,795.33	29,667,166	34,921,278	47,487,517	9.60	4,946,616
2017	117,281,911.30	34,871,431	41,047,229	76,234,682	10.54	7,232,892
2018	3,962,692.97	919,345	1,082,163	2,880,530	11.52	250,046
2019	246,589,445.57	41,099,063	48,377,786	198,211,660	12.50	15,856,933
2020	3,651,149.98	365,115	429,778	3,221,372	13.50	238,620
2021	6,378,210.54	212,586	250,235	6,127,976	14.50	422,619
	475,170,483.33	116,756,969	137,434,853	337,735,630		29,585,455

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 11.4 6.23

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 35-R1						
NET SALVAGE PERCENT.. -5						
1970	349,356.56	303,624	329,918	36,906	6.03	6,120
1973	15,867.00	13,276	14,426	2,234	7.11	314
1974	1,129,670.33	932,661	1,013,429	172,725	7.48	23,092
1975	36,837.80	29,993	32,590	6,090	7.86	775
1976	789,143.59	633,291	688,134	140,467	8.25	17,026
1977	880,428.21	695,981	756,253	168,197	8.65	19,445
1978	702,834.61	546,944	594,309	143,667	9.06	15,857
1979	1,005,429.11	770,060	836,747	218,954	9.47	23,121
1980	610,977.10	460,250	500,108	141,418	9.89	14,299
1981	1,839,601.95	1,362,036	1,479,988	451,594	10.32	43,759
1982	1,691,118.75	1,229,779	1,336,278	439,397	10.76	40,836
1983	1,126,572.04	804,029	873,658	309,243	11.21	27,586
1984	3,469,003.50	2,427,950	2,638,210	1,004,244	11.67	86,053
1985	4,238,455.87	2,906,720	3,158,442	1,291,937	12.14	106,420
1986	4,857,479.15	3,262,747	3,545,301	1,555,052	12.61	123,319
1987	6,836,691.39	4,491,675	4,880,654	2,297,872	13.10	175,410
1988	8,748,409.95	5,619,064	6,105,675	3,080,155	13.59	226,649
1989	8,050,197.08	5,047,449	5,484,558	2,968,149	14.10	210,507
1990	12,713,109.14	7,776,590	8,450,043	4,898,722	14.61	335,299
1991	15,258,358.01	9,090,953	9,878,229	6,143,047	15.14	405,749
1992	11,049,542.86	6,404,315	6,958,929	4,643,091	15.68	296,115
1993	14,219,588.37	8,011,295	8,705,073	6,225,495	16.22	383,816
1994	12,054,256.24	6,588,838	7,159,431	5,497,538	16.78	327,624
1995	12,494,773.39	6,619,712	7,192,979	5,926,533	17.34	341,784
1996	12,763,784.42	6,540,163	7,106,541	6,295,433	17.92	351,308
1997	17,621,392.74	8,722,616	9,477,995	9,024,467	18.50	487,809
1998	19,734,110.59	9,413,260	10,228,448	10,492,368	19.10	549,339
1999	19,501,511.32	8,951,135	9,726,303	10,750,284	19.70	545,700
2000	25,034,709.40	11,032,684	11,988,114	14,298,331	20.31	704,004
2001	16,522,957.42	6,974,340	7,578,318	9,770,787	20.93	466,832
2002	25,256,319.11	10,183,348	11,065,226	15,453,909	21.56	716,786
2003	22,250,425.92	8,544,063	9,283,979	14,078,968	22.20	634,188
2004	38,208,902.10	13,938,665	15,145,753	24,973,594	22.84	1,093,415
2005	26,081,185.10	8,997,970	9,777,194	17,608,050	23.50	749,279
2006	34,014,340.94	11,071,668	12,030,474	23,684,584	24.15	980,728
2007	40,249,092.22	12,292,194	13,356,698	28,904,849	24.82	1,164,579
2008	42,140,014.41	12,022,356	13,063,492	31,183,523	25.49	1,223,363
2009	27,524,840.35	7,299,546	7,931,687	20,969,395	26.16	801,582
2010	17,399,907.92	4,259,445	4,628,313	13,641,590	26.84	508,256
2011	37,774,253.74	8,476,373	9,210,427	30,452,539	27.52	1,106,560
2012	29,157,746.30	5,939,433	6,453,788	24,161,846	28.21	856,499
2013	27,915,586.49	5,108,678	5,551,090	23,760,276	28.90	822,155
2014	37,160,452.37	6,020,161	6,541,507	32,476,968	29.60	1,097,195

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 35-R1						
NET SALVAGE PERCENT.. -5						
2015	44,772,019.69	6,313,056	6,859,767	40,150,854	30.30	1,325,111
2016	53,503,965.76	6,404,425	6,959,048	49,220,116	31.01	1,587,234
2017	25,745,203.02	2,533,212	2,752,588	24,279,875	31.72	765,444
2018	18,939,029.42	1,454,461	1,580,417	18,305,564	32.44	564,290
2019	88,762,550.29	4,899,560	5,323,862	87,876,816	33.16	2,650,085
2020	37,699,046.16	1,255,209	1,363,910	38,220,088	33.89	1,127,769
2021	153,790,841.91	1,706,848	1,854,661	159,625,723	34.63	4,609,464
	1,063,691,891.11	266,384,101	289,452,962	827,423,524		30,739,949
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					26.9	2.89

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 36-R0.5						
NET SALVAGE PERCENT.. -10						
1960	5,138.40	4,900	5,652			
1961	205,762.45	193,646	226,339			
1962	110,191.29	102,322	121,210			
1963	74,521.21	68,289	81,973			
1964	115,634.18	104,584	126,486	712	6.40	111
1965	105,707.54	94,314	114,066	2,212	6.80	325
1966	344,264.27	302,953	366,399	12,292	7.20	1,707
1967	234,682.84	203,725	246,390	11,761	7.59	1,550
1968	89,789.55	76,848	92,942	5,827	7.99	729
1969	1,852,294.36	1,562,659	1,889,918	147,606	8.39	17,593
1970	169,493.46	140,919	170,431	16,012	8.79	1,822
1971	171,994.70	140,897	170,404	18,790	9.19	2,045
1972	150,593.63	121,478	146,918	18,735	9.60	1,952
1973	344,326.32	273,441	330,706	48,053	10.01	4,800
1974	572,132.30	447,188	540,840	88,506	10.42	8,494
1975	290,199.31	223,099	269,821	49,398	10.84	4,557
1976	348,360.26	263,340	318,490	64,706	11.26	5,747
1977	645,794.13	479,701	580,162	130,212	11.69	11,139
1978	328,865.06	239,961	290,215	71,537	12.12	5,902
1979	465,117.87	333,127	402,892	108,738	12.56	8,657
1980	829,284.38	582,804	704,857	207,356	13.00	15,950
1981	902,863.88	622,099	752,382	240,768	13.45	17,901
1982	1,795,044.03	1,212,156	1,466,011	508,537	13.90	36,585
1983	1,406,595.17	930,070	1,124,849	422,406	14.36	29,415
1984	1,741,971.07	1,126,822	1,362,806	553,362	14.83	37,314
1985	1,905,654.34	1,205,326	1,457,751	638,469	15.30	41,730
1986	3,908,481.15	2,414,804	2,920,523	1,378,806	15.78	87,377
1987	2,326,875.68	1,402,794	1,696,573	862,990	16.27	53,042
1988	3,315,478.83	1,949,117	2,357,309	1,289,718	16.76	76,952
1989	3,635,708.98	2,081,865	2,517,858	1,481,422	17.26	85,830
1990	6,099,112.02	3,397,382	4,108,876	2,600,147	17.77	146,322
1991	8,352,178.36	4,522,220	5,469,283	3,718,113	18.28	203,398
1992	5,872,494.97	3,086,337	3,732,691	2,727,053	18.80	145,056
1993	5,363,570.67	2,733,614	3,306,099	2,593,829	19.32	134,256
1994	4,940,797.91	2,438,140	2,948,746	2,486,132	19.85	125,246
1995	5,342,831.98	2,548,376	3,082,068	2,795,047	20.39	137,079
1996	6,901,301.50	3,177,849	3,843,368	3,748,064	20.93	179,076
1997	6,648,104.52	2,949,518	3,567,219	3,745,696	21.48	174,381
1998	7,163,389.35	3,057,807	3,698,186	4,181,542	22.03	189,811
1999	4,671,355.70	1,914,088	2,314,944	2,823,547	22.59	124,991
2000	6,713,481.57	2,635,941	3,187,971	4,196,859	23.15	181,290
2001	4,623,899.03	1,734,984	2,098,332	2,987,957	23.72	125,968
2002	4,985,040.58	1,782,152	2,155,378	3,328,167	24.30	136,962

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 36-R0.5						
NET SALVAGE PERCENT.. -10						
2003	3,218,774.05	1,094,663	1,323,912	2,216,739	24.87	89,133
2004	6,638,154.58	2,139,915	2,588,065	4,713,905	25.45	185,222
2005	5,283,381.18	1,607,928	1,944,667	3,867,052	26.04	148,504
2006	6,202,760.37	1,775,900	2,147,817	4,675,219	26.63	175,562
2007	6,932,846.26	1,859,937	2,249,453	5,376,678	27.22	197,527
2008	7,129,284.85	1,784,104	2,157,739	5,684,474	27.81	204,404
2009	4,861,624.53	1,128,971	1,365,405	3,982,382	28.40	140,225
2010	789,935.01	168,954	204,337	664,592	29.00	22,917
2011	12,151,363.87	2,376,296	2,873,950	10,492,550	29.60	354,478
2012	6,448,716.54	1,142,848	1,382,188	5,711,400	30.20	189,119
2013	6,574,955.94	1,044,655	1,263,431	5,969,021	30.80	193,799
2014	7,202,108.44	1,012,314	1,224,317	6,698,002	31.40	213,312
2015	8,824,190.95	1,075,784	1,301,079	8,405,531	32.01	262,591
2016	8,951,008.54	924,451	1,118,053	8,728,056	32.62	267,568
2017	11,548,078.87	977,360	1,182,043	11,520,844	33.23	346,700
2018	13,447,110.17	887,509	1,073,375	13,718,446	33.84	405,391
2019	16,321,494.46	773,084	934,986	17,018,658	34.45	494,010
2020	29,475,789.00	837,496	1,012,888	31,410,480	35.07	895,651
2021	88,943,496.24	842,384	1,018,800	96,819,046	35.69	2,712,778
	357,015,452.65	78,338,209	94,732,839	297,984,159		10,061,953

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 29.6 2.82

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 389.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 65-R3						
NET SALVAGE PERCENT.. 0						
1996	546,471.00	202,194	253,712	292,759	40.95	7,149
1997	2,324.00	828	1,039	1,285	41.83	31
1999	1,260.00	414	519	741	43.62	17
2004	71.00	18	23	48	48.18	1
2008	1.03			1	51.93	
	550,127.03	203,454	255,293	294,834		7,198

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 41.0 1.31

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 389.20 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 65-R3						
NET SALVAGE PERCENT.. 0						
1994	165.00	65	82	83	39.21	2
	165.00	65	82	83		2

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 41.5 1.21

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 40-S0.5						
NET SALVAGE PERCENT.. -10						
1956	5,858.42	5,645	5,786	658	4.96	133
1958	1,383.12	1,307	1,340	181	5.63	32
1960	111,695.63	103,483	106,070	16,795	6.31	2,662
1962	337,751.82	306,510	314,171	57,356	7.00	8,194
1963	71,866.48	64,547	66,160	12,893	7.34	1,757
1965	480.14	422	433	95	8.04	12
1966	18,754.02	16,297	16,704	3,925	8.40	467
1967	12,290.63	10,562	10,826	2,694	8.75	308
1968	79,147.65	67,234	68,915	18,147	9.11	1,992
1969	447,899.93	375,922	385,318	107,372	9.48	11,326
1970	32,095.38	26,620	27,285	8,020	9.84	815
1971	330,049.60	270,385	277,143	85,912	10.21	8,414
1972	106,556.68	86,180	88,334	28,878	10.59	2,727
1973	262,441.90	209,514	214,751	73,935	10.97	6,740
1974	52,476.50	41,345	42,378	15,346	11.35	1,352
1975	3,639,334.92	2,828,309	2,899,003	1,104,265	11.74	94,060
1976	16,325.34	12,512	12,825	5,133	12.13	423
1977	9,590,164.67	7,247,287	7,428,433	3,120,748	12.52	249,261
1978	428,564.49	319,152	327,129	144,292	12.92	11,168
1979	922,830.98	676,827	693,744	321,370	13.33	24,109
1980	4,540,393.50	3,278,845	3,360,800	1,633,633	13.74	118,896
1981	4,315,204.86	3,066,385	3,143,029	1,603,696	14.16	113,255
1982	799,966.44	558,997	572,969	306,994	14.59	21,041
1983	825,939.92	567,379	581,561	326,973	15.02	21,769
1984	512,940.97	346,299	354,955	209,280	15.45	13,546
1985	9,826,533.48	6,512,535	6,675,316	4,133,871	15.90	259,992
1986	2,441,656.33	1,587,992	1,627,684	1,058,138	16.35	64,718
1987	20,915,323.16	13,343,976	13,677,508	9,329,347	16.80	555,318
1988	9,066,603.82	5,667,307	5,808,961	4,164,303	17.27	241,129
1989	14,394,427.88	8,811,549	9,031,793	6,802,078	17.74	383,432
1990	2,763,570.85	1,655,241	1,696,614	1,343,314	18.22	73,727
1991	24,451,236.26	14,315,588	14,673,406	12,222,954	18.71	653,285
1992	5,338,936.13	3,052,403	3,128,698	2,744,132	19.21	142,849
1993	2,121,887.39	1,183,377	1,212,955	1,121,121	19.72	56,852
1994	18,207,767.70	9,894,101	10,141,404	9,887,140	20.24	488,495
1995	2,628,977.65	1,390,269	1,425,019	1,466,856	20.77	70,624
1996	13,264,483.29	6,821,261	6,991,758	7,599,174	21.30	356,769
1997	4,258,390.92	2,125,469	2,178,595	2,505,635	21.85	114,674
1998	2,144,783.12	1,037,485	1,063,417	1,295,844	22.41	57,824
1999	2,750,256.13	1,287,257	1,319,432	1,705,850	22.98	74,232
2000	4,471,725.63	2,020,437	2,070,938	2,847,960	23.57	120,830
2001	1,725,210.36	751,502	770,286	1,127,445	24.16	46,666
2002	4,614,564.06	1,932,695	1,981,003	3,095,017	24.77	124,950

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 40-S0.5						
NET SALVAGE PERCENT.. -10						
2003	375,819.45	150,995	154,769	258,632	25.39	10,186
2004	5,107,729.44	1,962,262	2,011,309	3,607,193	26.03	138,578
2005	4,521,589.10	1,656,258	1,697,656	3,276,092	26.68	122,792
2006	12,584,365.77	4,381,247	4,490,756	9,352,046	27.34	342,065
2007	7,679,744.61	2,527,980	2,591,167	5,856,552	28.03	208,939
2008	20,230,463.13	6,275,490	6,432,346	15,821,163	28.72	550,876
2009	8,900,993.05	2,584,848	2,649,456	7,141,636	29.44	242,583
2010	9,635,004.69	2,604,583	2,669,684	7,928,821	30.17	262,805
2011	58,988,456.41	14,745,639	15,114,205	49,773,097	30.91	1,610,259
2012	19,676,007.44	4,501,871	4,614,395	17,029,213	31.68	537,538
2013	13,883,755.38	2,874,979	2,946,839	12,325,292	32.47	379,590
2014	21,113,498.59	3,907,581	4,005,251	19,219,597	33.27	577,686
2015	22,806,925.47	3,700,424	3,792,916	21,294,702	34.10	624,478
2016	35,574,193.15	4,950,149	5,073,878	34,057,734	34.94	974,749
2017	151,890,898.72	17,501,629	17,939,081	149,140,908	35.81	4,164,784
2018	37,360,455.12	3,390,461	3,475,205	37,621,296	36.70	1,025,103
2019	47,077,075.34	3,094,141	3,171,479	48,613,304	37.61	1,292,563
2020	42,214,125.61	1,694,897	1,737,261	44,698,277	38.54	1,159,789
2021	40,550,265.97	546,415	560,073	44,045,220	39.51	1,114,787
	733,020,114.59	186,930,258	191,602,575	614,719,551		19,940,975

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 30.8 2.72

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 391.00 OFFICE FURNITURE AND EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
2007	990,281.00	990,281	990,281			
	990,281.00	990,281	990,281			
AMORTIZED						
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2008	2,390,988.20	2,151,889	2,151,888	239,100	1.50	159,400
2009	924,453.19	770,375	770,375	154,078	2.50	61,631
2010	2,074,605.94	1,590,538	1,590,538	484,068	3.50	138,305
2011	1,520,477.00	1,064,334	1,064,334	456,143	4.50	101,365
2012	2,691,497.52	1,704,606	1,704,606	986,892	5.50	179,435
2013	2,889,600.97	1,637,450	1,637,450	1,252,151	6.50	192,639
2014	1,962,795.08	981,398	981,398	981,397	7.50	130,853
2015	2,806,602.19	1,216,185	1,216,185	1,590,418	8.50	187,108
2016	2,809,360.64	1,030,108	1,030,108	1,779,253	9.50	187,290
2017	6,437,538.11	1,931,261	1,931,261	4,506,278	10.50	429,169
2018	5,928,090.40	1,383,201	1,383,201	4,544,890	11.50	395,208
2019	17,323,543.64	2,887,315	2,887,314	14,436,229	12.50	1,154,898
2020	7,745,065.69	774,507	774,507	6,970,559	13.50	516,338
2021	7,597,586.70	253,228	253,228	7,344,359	14.50	506,508
	65,102,205.27	19,376,395	19,376,390	45,725,815		4,340,147
	66,092,486.27	20,366,676	20,366,671	45,725,815		4,340,147

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 10.5 6.57

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 391.10 OFFICE FURNITURE AND EQUIPMENT - EDP

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 8-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	7,460,225.23	6,993,961	6,830,909	629,316	0.50	629,316
2015	7,182,502.25	5,835,783	5,699,731	1,482,771	1.50	988,514
2016	4,237,071.96	2,912,987	2,845,076	1,391,996	2.50	556,798
2017	12,437,000.63	6,995,813	6,832,717	5,604,284	3.50	1,601,224
2018	47,232,991.99	20,664,434	20,182,677	27,050,315	4.50	6,011,181
2019	17,856,453.88	5,580,142	5,450,051	12,406,403	5.50	2,255,710
2020	9,669,603.58	1,813,051	1,770,782	7,898,822	6.50	1,215,203
2021	3,962,321.65	247,645	241,872	3,720,450	7.50	496,060
	110,038,171.17	51,043,816	49,853,815	60,184,356		13,754,006

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 4.4 12.50

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.00 TRANSPORTATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PASSENGER CARS AND STATION WAGONS						
SURVIVOR CURVE.. IOWA 5-S2.5						
NET SALVAGE PERCENT.. +10						
1994	1.00	1	1			
1995	8,056.00	7,250	7,250			
2017	52,114.57	34,427	46,903			
	60,171.57	41,678	54,154			
LIGHT TRUCKS						
SURVIVOR CURVE.. IOWA 6-L3						
NET SALVAGE PERCENT.. +10						
2004	6,423.00	5,781	5,781			
2005	147,000.00	132,300	132,300			
2017	1,998,095.54	1,141,912	1,798,286			
2018	26,986.50	13,075	24,288			
2020	48,216.12	10,776	43,394			
	2,226,721.16	1,303,844	2,004,049			
MEDIUM TRUCKS						
SURVIVOR CURVE.. IOWA 8-L2						
NET SALVAGE PERCENT.. +10						
2004	9,836.00	7,801	8,852			
2017	428,714.50	179,899	339,322	46,521	4.27	10,895
2020	148,720.86	24,260	45,759	88,090	6.55	13,449
	587,271.36	211,960	393,933	134,611		24,344
HEAVY TRUCKS						
SURVIVOR CURVE.. IOWA 10-L2						
NET SALVAGE PERCENT.. +10						
1998	73,934.00	60,618	66,541			
1999	359,874.00	289,231	323,887			
2000	305,141.00	240,024	274,627			
2017	270,407.18	96,860	243,366			
2018	295,478.82	85,630	265,931			
2020	82,883.84	10,966	74,596			
	1,387,718.84	783,329	1,248,947			

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.00 TRANSPORTATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
HEAVY TRUCKS / POWER EQUIPPED						
SURVIVOR CURVE.. IOWA 10-L2						
NET SALVAGE PERCENT.. +10						
1987	43,536.00	39,182	39,182			
1998	465,247.00	381,456	418,722			
2001	455,912.00	350,824	410,321			
2017	271,628.14	97,297	244,465			
2018	1,142,780.97	331,178	1,028,503			
	2,379,104.11	1,199,937	2,141,194			
TRACTORS						
SURVIVOR CURVE.. IOWA 13-L3						
NET SALVAGE PERCENT.. +10						
2002	65,897.00	48,176	59,307			
	65,897.00	48,176	59,307			
TRAILERS						
SURVIVOR CURVE.. IOWA 16-L0.5						
NET SALVAGE PERCENT.. +10						
1957	1.00	1	1			
1961	1,045.00	870	941			
1966	2,537.00	2,029	2,283			
1967	1.00	1	1			
1968	11,307.00	8,885	10,176			
1969	12,288.00	9,566	11,059			
1971	3,850.00	2,941	3,465			
1972	2,163.00	1,636	1,947			
1974	7,110.00	5,271	6,399			
1975	1,989.00	1,461	1,790			
1976	2,900.00	2,111	2,610			
1977	12,836.00	9,256	11,552			
1978	21,501.00	15,384	19,351			
1979	21,383.00	15,167	19,245			
1980	16,614.00	11,691	14,953			
1981	11,230.00	7,839	10,107			
1982	6,986.00	4,833	6,287			
1983	1,851.00	1,269	1,666			
1984	10,235.00	6,955	9,212			
1985	4,399.00	2,959	3,959			
1986	16,239.00	10,806	14,615			

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.00 TRANSPORTATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TRAILERS						
SURVIVOR CURVE.. IOWA 16-L0.5						
NET SALVAGE PERCENT.. +10						
1987	4,749.00	3,123	4,274			
1988	50,460.00	32,755	45,414			
1989	94,166.00	60,331	84,749			
1990	114,759.00	72,492	103,283			
1991	80,265.00	49,935	72,239			
1992	5,915.00	3,620	5,324			
1993	100,861.00	60,649	90,775			
1994	106,834.00	63,099	96,151			
1995	169,641.00	98,286	152,677			
1996	43,741.00	24,826	39,367			
1997	5,604.00	3,111	5,044			
1998	28,456.00	15,430	25,610			
1999	18,942.00	10,026	17,048			
2000	5,391.00	2,781	4,852			
2001	95,168.00	47,697	85,651			
2002	80,891.00	39,358	72,802			
2006	100,168.00	42,371	90,151			
2007	47,207.00	19,145	42,486			
2008	21,207.00	8,219	19,086			
2017	3,393,375.37	610,808	1,533,713	1,520,325	12.80	118,775
2018	491,989.93	71,954	180,673	262,117	13.40	19,561
2019	518,826.31	56,911	142,901	324,043	14.05	23,064
2020	1,083,336.25	74,958	188,216	786,786	14.77	53,269
2021	1,995,299.74	49,384	124,001	1,671,769	15.56	107,440
	8,825,717.60	1,642,200	3,378,106	4,565,040		322,109
	15,532,601.64	5,231,124	9,279,690	4,699,651		346,453

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 13.6 2.23

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 393.00 STORES EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
2000	79,448.00	79,448	79,448			
2001	1,003,007.00	1,003,007	1,003,007			
	1,082,455.00	1,082,455	1,082,455			
AMORTIZED						
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2002	113,725.00	110,882	110,225	3,500	0.50	3,500
2006	254,054.00	196,892	195,726	58,328	4.50	12,962
2007	65,228.00	47,290	47,010	18,218	5.50	3,312
2008	172,554.74	116,474	115,784	56,771	6.50	8,734
2009	15,707.81	9,817	9,759	5,949	7.50	793
2011	5,751.43	3,020	3,002	2,749	9.50	289
2012	15,496.82	7,361	7,317	8,179	10.50	779
2013	27,397.96	11,644	11,575	15,823	11.50	1,376
2016	106,196.47	29,204	29,031	77,165	14.50	5,322
2017	11,661,944.43	2,623,937	2,608,397	9,053,547	15.50	584,100
2018	289,556.62	50,672	50,372	239,185	16.50	14,496
2019	399,670.27	49,959	49,663	350,007	17.50	20,000
2020	1,470,971.13	110,323	109,670	1,361,302	18.50	73,584
2021	401,717.01	10,043	9,984	391,733	19.50	20,089
	14,999,971.69	3,377,518	3,357,515	11,642,457		749,336
	16,082,426.69	4,459,973	4,439,970	11,642,457		749,336

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 15.5 4.66

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 394.00 TOOLS, SHOP AND GARAGE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
1998	1,596.00	1,596	1,596			
1999	2,662.00	2,662	2,662			
2000	1,164,438.00	1,164,438	1,164,438			
	1,168,696.00	1,168,696	1,168,696			
AMORTIZED						
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2002	1,899,043.00	1,851,567	1,841,291	57,752	0.50	57,752
2003	2,903,174.00	2,685,436	2,670,532	232,642	1.50	155,095
2004	2,224,015.00	1,946,013	1,935,212	288,803	2.50	115,521
2005	5,465,252.00	4,508,833	4,483,809	981,443	3.50	280,412
2006	5,380,134.00	4,169,604	4,146,462	1,233,672	4.50	274,149
2007	5,182,715.00	3,757,468	3,736,614	1,446,101	5.50	262,927
2008	4,191,041.81	2,828,953	2,813,252	1,377,790	6.50	211,968
2009	668,570.65	417,857	415,538	253,033	7.50	33,738
2010	328,047.39	188,627	187,580	140,467	8.50	16,526
2011	1,319,895.40	692,945	689,099	630,796	9.50	66,400
2012	2,972,350.72	1,411,867	1,404,031	1,568,320	10.50	149,364
2013	1,158,977.13	492,565	489,831	669,146	11.50	58,187
2014	448,786.54	168,295	167,361	281,426	12.50	22,514
2015	995,758.71	323,622	321,826	673,933	13.50	49,921
2016	2,592,971.80	713,067	709,109	1,883,862	14.50	129,922
2017	19,087,487.79	4,294,685	4,270,849	14,816,639	15.50	955,912
2018	3,427,741.07	599,855	596,526	2,831,215	16.50	171,589
2019	1,118,772.12	139,847	139,071	979,701	17.50	55,983
2020	63,775,171.64	4,783,138	4,756,591	59,018,580	18.50	3,190,194
2021	2,484,855.37	62,121	61,776	2,423,079	19.50	124,260
	127,624,761.14	36,036,365	35,836,360	91,788,401		6,382,334
	128,793,457.14	37,205,061	37,005,056	91,788,401		6,382,334

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 14.4 4.96

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 395.00 LABORATORY EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2007	235,575.00	227,723	224,467	11,108	0.50	11,108
2008	331,781.35	298,603	294,334	37,447	1.50	24,965
2009	160,931.26	134,109	132,192	28,739	2.50	11,496
2010	25,126.59	19,264	18,989	6,138	3.50	1,754
2011	4,711.28	3,298	3,251	1,460	4.50	324
2013	32,816.83	18,596	18,330	14,487	6.50	2,229
2015	364,474.33	157,938	155,680	208,794	8.50	24,564
2016	293,001.41	107,435	105,899	187,102	9.50	19,695
2017	1,263,634.53	379,090	373,670	889,965	10.50	84,759
2018	10,426.79	2,433	2,398	8,029	11.50	698
2019	90,876.36	15,146	14,930	75,946	12.50	6,076
	2,813,355.73	1,363,635	1,344,140	1,469,216		187,668

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 7.8 6.67

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 396.00 POWER OPERATED EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MOBILE CRANES						
SURVIVOR CURVE.. IOWA 19-S1.5						
NET SALVAGE PERCENT.. +10						
2006	257,721.00	146,494	231,949			
2007	97,683.00	53,166	87,915			
2008	218,201.00	113,178	196,381			
2018	73,293.45	11,874	65,964			
2019	37,934.59	4,438	34,141			
2020	718,500.88	50,710	481,825	164,826	17.51	9,413
2021	618,026.15	14,640	139,103	417,120	18.50	22,547
	2,021,360.07	394,500	1,237,278	581,946		31,960
MISCELLANEOUS NON-HIGHWAY EQUIPMENT						
SURVIVOR CURVE.. IOWA 13-L2.5						
NET SALVAGE PERCENT.. +10						
2018	866,929.42	203,462	638,122	142,115	9.61	14,788
2019	24,679.64	4,203	13,182	9,030	10.54	857
2020	897,573.28	92,592	290,398	517,418	11.51	44,954
2021	618,026.17	21,392	67,092	489,131	12.50	39,130
	2,407,208.51	321,649	1,008,794	1,157,694		99,729
MISCELLANEOUS EQUIPMENT						
SURVIVOR CURVE.. IOWA 13-L2.5						
NET SALVAGE PERCENT.. +10						
2008	732.15	436	659			
2009	23,561.65	13,735	21,205			
2012	124,227.21	65,363	111,804			
2013	426.74	211	384			
2017	9,074,629.23	2,688,876	8,167,166			
2018	176,568.98	41,440	155,616	3,297	9.61	343
2019	1,469,052.98	250,190	939,514	382,634	10.54	36,303
2020	2,861,916.72	295,230	1,108,648	1,467,077	11.51	127,461
2021	880,437.94	30,475	114,440	677,954	12.50	54,236
	14,611,553.60	3,385,956	10,619,436	2,530,962		218,343
	19,040,122.18	4,102,105	12,865,508	4,270,602		350,032
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					12.2	1.84

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 397.00 COMMUNICATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
2009	8,786.50	8,786	8,787			
2010	31,992.77	31,993	31,993			
2011	121,527.42	121,527	121,528			
	162,306.69	162,306	162,307			
AMORTIZED						
SURVIVOR CURVE.. 10-SQUARE						
NET SALVAGE PERCENT.. 0						
2012	5,543,341.90	5,266,175	5,199,929	343,413	0.50	343,413
2013	7,763,670.77	6,599,120	6,516,107	1,247,564	1.50	831,709
2014	17,284,351.35	12,963,264	12,800,193	4,484,158	2.50	1,793,663
2015	5,892,069.46	3,829,845	3,781,668	2,110,402	3.50	602,972
2016	9,044,063.64	4,974,235	4,911,662	4,132,402	4.50	918,312
2017	7,863,223.84	3,538,451	3,493,939	4,369,285	5.50	794,415
2018	18,049,386.03	6,317,285	6,237,817	11,811,569	6.50	1,817,164
2019	82,913,528.80	20,728,382	20,467,630	62,445,899	7.50	8,326,120
2020	52,999,404.04	7,949,911	7,849,905	45,149,499	8.50	5,311,706
2021	47,501,554.47	2,375,078	2,345,201	45,156,354	9.50	4,753,300
	254,854,594.30	74,541,746	73,604,050	181,250,544		25,492,774
	255,016,900.99	74,704,052	73,766,357	181,250,544		25,492,774

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 7.1 10.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 398.00 MISCELLANEOUS EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2002	83,085.00	81,008	80,576	2,509	0.50	2,509
2003	45,150.00	41,764	41,541	3,609	1.50	2,406
2006	805,841.00	624,527	621,195	184,646	4.50	41,032
2007	322,046.00	233,483	232,237	89,809	5.50	16,329
2008	96,902.43	65,409	65,060	31,842	6.50	4,899
2009	107,665.76	67,291	66,932	40,734	7.50	5,431
2010	180,362.61	103,709	103,156	77,207	8.50	9,083
2011	56,981.01	29,915	29,755	27,226	9.50	2,866
2012	129,438.28	61,483	61,155	68,283	10.50	6,503
2013	19,820.29	8,424	8,379	11,441	11.50	995
2014	35,787.02	13,420	13,348	22,439	12.50	1,795
2015	376,553.93	122,380	121,727	254,827	13.50	18,876
2016	793,347.89	218,171	217,007	576,341	14.50	39,748
2017	6,515,597.42	1,466,009	1,458,189	5,057,408	15.50	326,284
2018	833,682.98	145,895	145,117	688,566	16.50	41,731
2019	3,198,709.12	399,839	397,706	2,801,003	17.50	160,057
2020	556,712.82	41,753	41,530	515,183	18.50	27,848
2021	988,899.58	24,722	24,590	964,310	19.50	49,452
	15,146,583.14	3,749,202	3,729,200	11,417,383		757,844

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 15.1 5.00

OFFICIAL COPY
Sep 22 2023

2021 DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION
ACCRUALS RELATED TO ELECTRIC PLANT
AS OF DECEMBER 31, 2021

Prepared by:

OFFICIAL COPY

Sep 22 2023

DUKE ENERGY CAROLINAS

Charlotte, North Carolina

2021 DEPRECIATION STUDY

CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Harrisburg, Pennsylvania

OFFICIAL COPY
Sep 22 2023

Gannett Fleming
Valuation and Rate Consultants, LLC

Corporate Headquarters
207 Senate Avenue
Camp Hill, PA 17011
P 717.763.7211 | **F** 717.763.8150

gannettfleming.com

July 13, 2023

Duke Energy Carolinas
400 S. Tryon Street
Charlotte, NC 28202

Attention: Michael O'Keefe
Director of Asset Accounting

Ladies and Gentlemen:

Pursuant to your request, we have conducted a depreciation study related to the electric plant of Duke Energy Carolinas as of December 31, 2021. The attached report presents a description of the methods used in the estimation of depreciation, the summary of annual depreciation accrual rates, the statistical support for the life and net salvage estimates and the detailed tabulations of annual depreciation.

Respectfully submitted,

GANNETT FLEMING VALUATION
AND RATE CONSULTANTS, LLC

John J Spanos

JOHN J. SPANOS
President

JJS:mle

071070.000

OFFICIAL COPY
Sep 22 2023

TABLE OF CONTENTS

EXECUTIVE SUMMARY iii

PART I. INTRODUCTION I-1
Scope I-2
Plan of Report I-2
Basis of the Study I-3
Depreciation I-3
Service Life and Net Salvage Estimates I-4

PART II. ESTIMATION OF SURVIVOR CURVES II-1
Survivor Curves II-2
Iowa Type Curves II-3
Retirement Rate Method of Analysis II-9
Schedules of Annual Transactions in Plant Records II-10
Schedule of Plant Exposed to Retirement II-13
Original Life Table II-15
Smoothing the Original Survivor Curve II-17

PART III. SERVICE LIFE CONSIDERATIONS III-1
Field Trips III-2
Service Life Analysis III-4
Life Span Estimates III-7

PART IV. NET SALVAGE CONSIDERATIONS IV-1
Net Salvage Analysis IV-2
Net Salvage Considerations IV-2

PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION V-1
Group Depreciation Procedures V-2
Single Unit of Property V-2
Remaining Life Annual Accruals V-3
Average Service Life Procedure V-3
Calculation of Annual and Accrued Amortization V-4

PART VI. RESULTS OF STUDY VI-1
Qualification of Results VI-2
Description of Statistical Support VI-2
Description of Depreciation Tabulations VI-3

OFFICIAL COPY
Sep 22 2023

TABLE OF CONTENTS, cont.

Table 1. Summary of Estimated Survivor Curve, Net Salvage Percent, Original Cost, Book Depreciation Reserve and Calculated Annual Depreciation Accruals Related to Electric Plant as of December 31, 2021 ..... VI-4

PART VII. SERVICE LIFE STATISTICS VII-1

PART VIII. NET SALVAGE STATISTICS VIII-1
Table 1. Calculation of Terminal and Interim Retirements as a Percent of Total Retirements VIII-2
Table 2. Calculation of Weighted Net Salvage Percent VIII-3
Table 3. Calculation of Terminal Net Salvage Percent VIII-4

PART IX. DETAILED DEPRECIATION CALCULATIONS IX-1

OFFICIAL COPY

Sep 22 2023

DUKE ENERGY CAROLINAS

DEPRECIATION STUDY

EXECUTIVE SUMMARY

Pursuant to Duke Energy Carolinas' ("DEC" or "Company") request, Gannett Fleming Valuation and Rate Consultants, LLC ("Gannett Fleming") conducted a depreciation study related to the electric plant as of December 31, 2021. The purpose of this study was to determine the annual depreciation accrual rates and amounts for book and ratemaking purposes.

The depreciation rates are based on the straight line method using the average service life ("ASL") procedure and were applied on a remaining life basis. The calculations were based on attained ages and estimated average service life and forecasted net salvage characteristics for each depreciable group of assets.

The depreciation study results in an overall increase in depreciation expense. This is primarily related to production plant accounts as there have been large capital additions and changes to life expectancies. There is an increase in transmission and distribution accounts due primarily to slightly shorter service lives and some increased net salvage. There is an overall decrease in depreciation expense for general plant accounts.

Gannett Fleming recommends the calculated annual depreciation accrual rates set forth herein apply specifically to electric plant in service as of December 31, 2021 as summarized by Table 1 of the study. Supporting analysis and calculations are provided within the study.

OFFICIAL COPY

Sep 22 2023

The study results set forth an annual depreciation expense of $1.459 billion when applied to depreciable plant balances as of December 31, 2021. The results are summarized at the functional level as follows:

SUMMARY OF ORIGINAL COST, ACCRUAL RATES AND AMOUNTS

FUNCTION	ORIGINAL COST AS OF DECEMBER 31, 2021	PROPOSED RATE	PROPOSED EXPENSE
Steam Production Plant	$8,554,672,949.04	6.37	$545,052,469
Nuclear Production Plant	9,130,612,833.21	2.21	202,087,899
Hydraulic Production Plant	2,508,338,880.87	2.31	57,821,777
Other Production Plant	3,393,027,734.44	3.63	123,027,119
Transmission Plant	4,768,540,556.63	2.43	115,845,696
Distribution Plant	14,397,276,812.07	2.44	351,764,448
General Plant	1,361,576,219.54	5.31	72,301,569
Land Rights	200,607,727.12	0.97	1,944,823
General Plant Reserve Amortization	-	-	(11,071,465)
Total Depreciable Plant	**$44,314,653,712.92**	**3.29**	**$1,458,774,335**

OFFICIAL COPY

Sep 22 2023

PART I. INTRODUCTION

OFFICIAL COPY

Sep 22 2023

DUKE ENERGY CAROLINAS
DEPRECIATION STUDY

PART I. INTRODUCTION

SCOPE

This report sets forth the results of the depreciation study for Duke Energy Carolinas ("Company"), as applied to specific electric plant in service as of December 31, 2021. The rates and amounts are based on the straight line remaining life method of depreciation. This report also describes the concepts, methods and judgments which underlie the recommended annual depreciation accrual rates related to current electric plant in service.

The service life and net salvage estimates resulting from the study were based on informed judgment which incorporated analyses of historical plant retirement data as recorded through 2021; the net salvage analyses of historical plant retirement data recorded through 2021; a review of Company practice and outlook as they relate to plant operation and retirement; and consideration of current practice in the electric industry, including knowledge of service lives and net salvage estimates used for other electric companies.

PLAN OF REPORT

Part I, Introduction, contains statements with respect to the plan of the report, and the basis of the study. Part II, Estimation of Survivor Curves, presents descriptions of the considerations and the methods used in the service life study. Part III, Service Life Considerations, presents the factors and judgment utilized in the average service life analysis. Part IV, Net Salvage Considerations, presents the judgment utilized for the net salvage study. Part V, Calculation of Annual and Accrued Depreciation, describes the procedures used in the calculation of group depreciation. Part VI, Results of Study,

OFFICIAL COPY

Sep 22 2023

presents a summary by depreciable group of annual depreciation accrual rates and amounts, as well as composite remaining lives. Part VII, Service Life Statistics presents the statistical analysis of service life estimates, Part VIII, Net Salvage Statistics sets forth the statistical indications of net salvage percents, and Part IX, Detailed Depreciation Calculations presents the detailed tabulations of annual depreciation.

BASIS OF THE STUDY

Depreciation

Depreciation, in public utility regulation, is the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of utility plant in the course of service from causes which are known to be in current operation and against which the utility is not protected by insurance. Among causes to be given consideration are wear and tear, deterioration, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand, and the requirements of public authorities.

Depreciation, as used in accounting, is a method of distributing fixed capital costs, less net salvage, over a period of time by allocating annual amounts to expense. Each annual amount of such depreciation expense is part of that year's total cost of providing electric utility service. Normally, the period of time over which the fixed capital cost is allocated to the cost of service is equal to the period of time over which an item renders service, that is, the item's service life. The most prevalent method of allocation is to distribute an equal amount of cost to each year of service life. This method is known as the straight line method of depreciation.

For all accounts, the annual depreciation was calculated by the straight line method using the average service life procedure and the remaining life basis. The calculated remaining lives and annual depreciation accrual rates were based on

OFFICIAL COPY
Sep 22 2023

attained ages of plant in service and the estimated service life and net salvage characteristics of each depreciable group. Amortization accounting or vintage pooling is proposed for most general plant accounts.

The straight line method, average service life procedure is a commonly used depreciation calculation procedure that has been widely accepted in jurisdictions throughout North America. Gannett Fleming recommends its continued use.

Service Life and Net Salvage Estimates

The service life and net salvage estimates used in the depreciation calculations were based on informed judgment which incorporated a review of management's plans, policies and outlook, a general knowledge of the electric utility industry, and comparisons of the service life and net salvage estimates from our studies of other electric utilities. The use of survivor curves to reflect the expected dispersion of retirement provides a consistent method of estimating depreciation for utility property. Iowa type survivor curves were used to depict the estimated survivor curves for the plant accounts. For steam, nuclear, hydraulic and other production plants, the life span technique was used. In this technique, the date of final retirement was estimated for each unit, and the estimated survivor curves applied to each vintage were truncated at ages coinciding with the date of final retirement.

The procedure for estimating service lives consisted of compiling historical data for the plant accounts or depreciable groups, analyzing this history through the use of widely accepted techniques, and forecasting the survivor characteristics for each depreciable group on the basis of interpretations of the historical data analyses and the probable future. The combination of the historical experience and the estimated future yielded estimated survivor curves from which the average service lives were derived.

OFFICIAL COPY
Sep 22 2023

The estimates of net salvage by account incorporated a review of experienced costs of removal and gross salvage related to plant retirements, and consideration of trends exhibited by the historical data. Each component of net salvage, i.e., cost of removal and gross salvage, was stated in dollars and as a percent of retirement.

An understanding of the function of the plant and information with respect to the reasons for past retirements and the expected causes of future retirements was obtained through discussions with operating and management personnel. The supplemental information obtained in this manner was considered in the interpretation and extrapolation of the statistical analyses.

OFFICIAL COPY

Sep 22 2023

PART II. ESTIMATION OF SURVIVOR CURVES

OFFICIAL COPY
Sep 22 2023

PART II. ESTIMATION OF SURVIVOR CURVES

The calculation of annual depreciation based on the straight line method requires the estimation of survivor curves and the selection of group depreciation procedures. The estimation of survivor curves is discussed below and the development of net salvage is discussed in later sections of this report.

SURVIVOR CURVES

The use of an average service life for a property group implies that the various units in the group have different lives. Thus, the average life may be obtained by determining the separate lives of each of the units or by constructing a survivor curve by plotting the number of units which survive at successive ages.

The survivor curve graphically depicts the amount of property existing at each age throughout the life of an original group. From the survivor curve, the average life of the group, the remaining life expectancy, the probable life, and the frequency curve can be calculated. In Figure 1, a typical smooth survivor curve and the derived curves are illustrated. The average life is obtained by calculating the area under the survivor curve, from age zero to the maximum age, and dividing this area by the ordinate at age zero. The remaining life expectancy at any age can be calculated by obtaining the area under the curve, from the observation age to the maximum age, and dividing this area by the percent surviving at the observation age. For example, in Figure 1, the remaining life at age 30 is equal to the crosshatched area under the survivor curve divided by 29.5 percent surviving at age 30. The probable life at any age is developed by adding the age and remaining life. If the probable life of the property is calculated for each year of age, the probable life curve shown in the chart can be developed. The frequency curve presents the number of units retired in each age interval. It is derived by obtaining the differences between the amount of property surviving at the beginning and at the end of each interval.

OFFICIAL COPY

Sep 22 2023

This study has incorporated the use of Iowa curves developed from a retirement rate analysis of historical retirement history. A discussion of the concepts of survivor curves and of the development of survivor curves using the retirement rate method is presented below.

Iowa Type Curves

The range of survivor characteristics usually experienced by utility and industrial properties is encompassed by a system of generalized survivor curves known as the Iowa type curves. There are four families in the Iowa system, labeled in accordance with the location of the modes of the retirements (or the portion of the frequency curve with the highest level of retirements) in relationship to the average life and the relative height of the modes. The left moded curves, presented in Figure 2, are those in which the greatest frequency of retirement occurs to the left of, or prior to, average service life. The symmetrical moded curves, presented in Figure 3, are those in which the greatest frequency of retirement occurs at average service life. The right moded curves, presented in Figure 4, are those in which the greatest frequency occurs to the right of, or after, average service life. The origin moded curves, presented in Figure 5, are those in which the greatest frequency of retirement occurs at the origin, or immediately after age zero. The letter designation of each family of curves (L, S, R or O) represents the location of the mode of the associated frequency curve with respect to the average service life. The numbers represent the relative heights of the modes of the frequency curves within each family. A higher number designates a higher mode curve.

The Iowa curves were developed at the Iowa State College Engineering Experiment Station through an extensive process of observation and classification of the ages at which industrial property had been retired. A report of the study which resulted in the classification of property survivor characteristics into 18 type curves, which constitute three of the four families, was published in 1935 in the form of the Experiment Station's Bulletin 125.

OFFICIAL COPY
Sep 22 2023

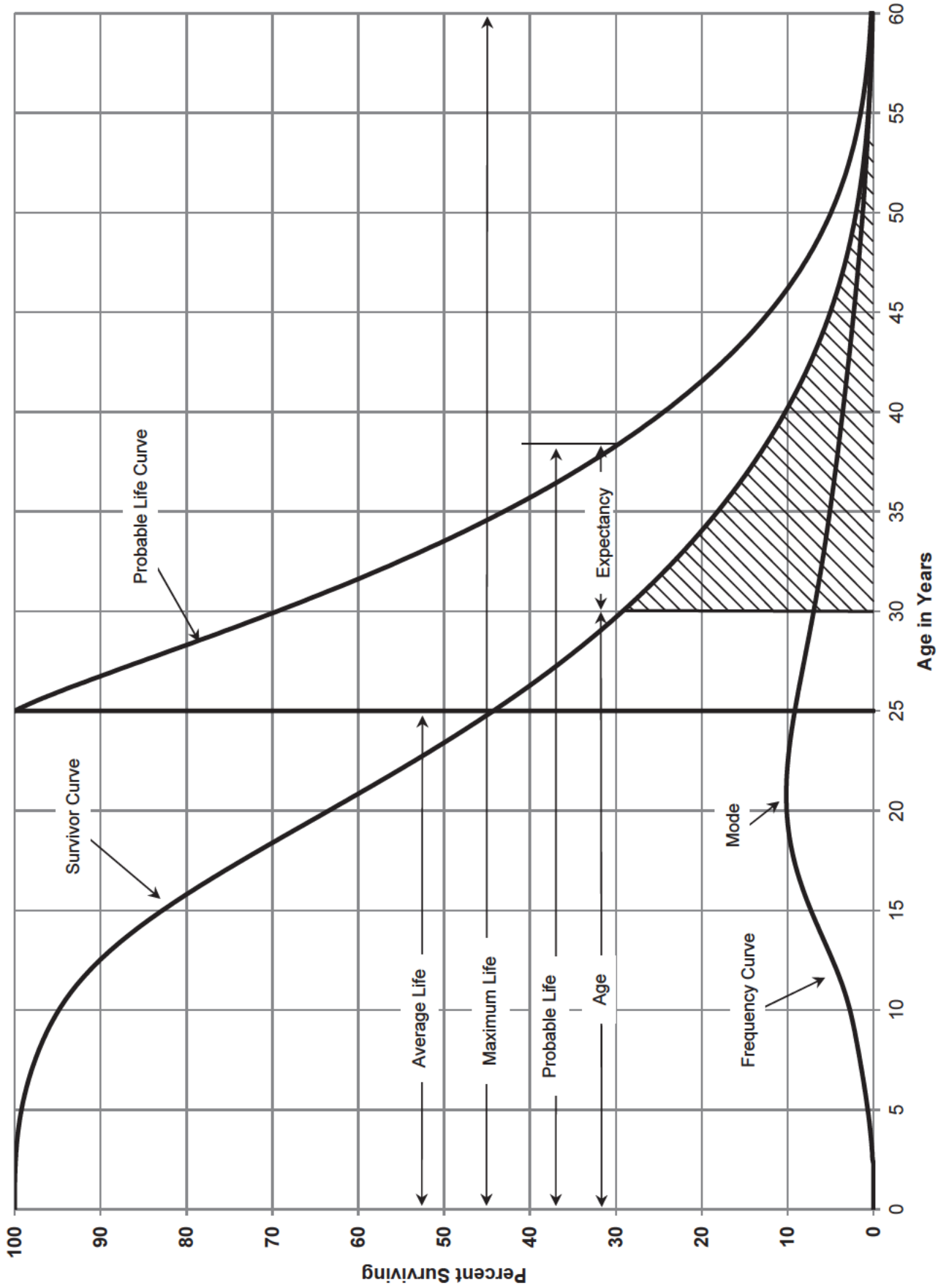


FIGURE 1. TYPICAL SURVIVOR CURVE AND DERIVED CURVES

OFFICIAL COPY
Sep 22 2023

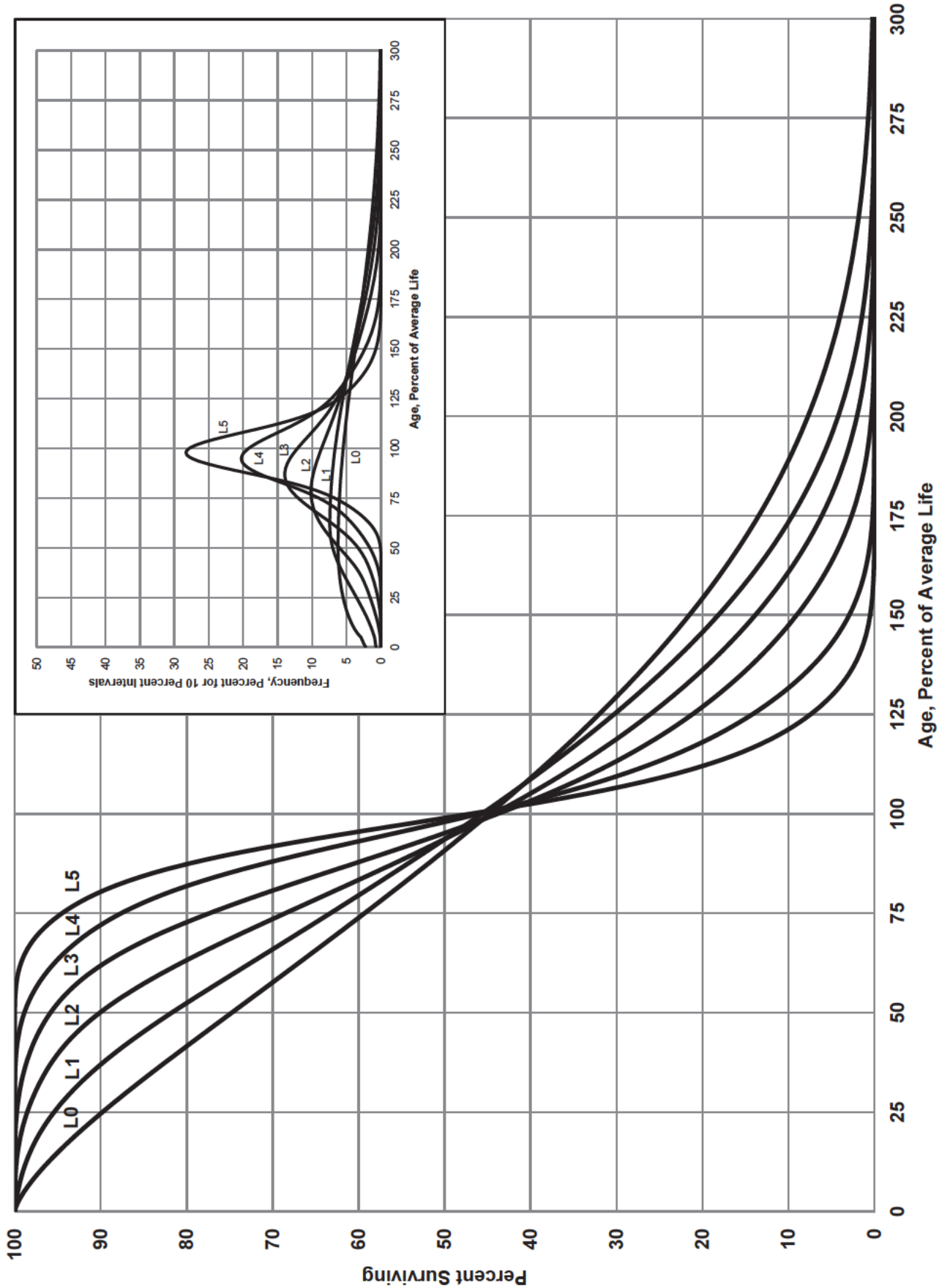


FIGURE 2. LEFT MODAL OR "L" IOWA TYPE SURVIVOR CURVES

OFFICIAL COPY
Sep 22 2023

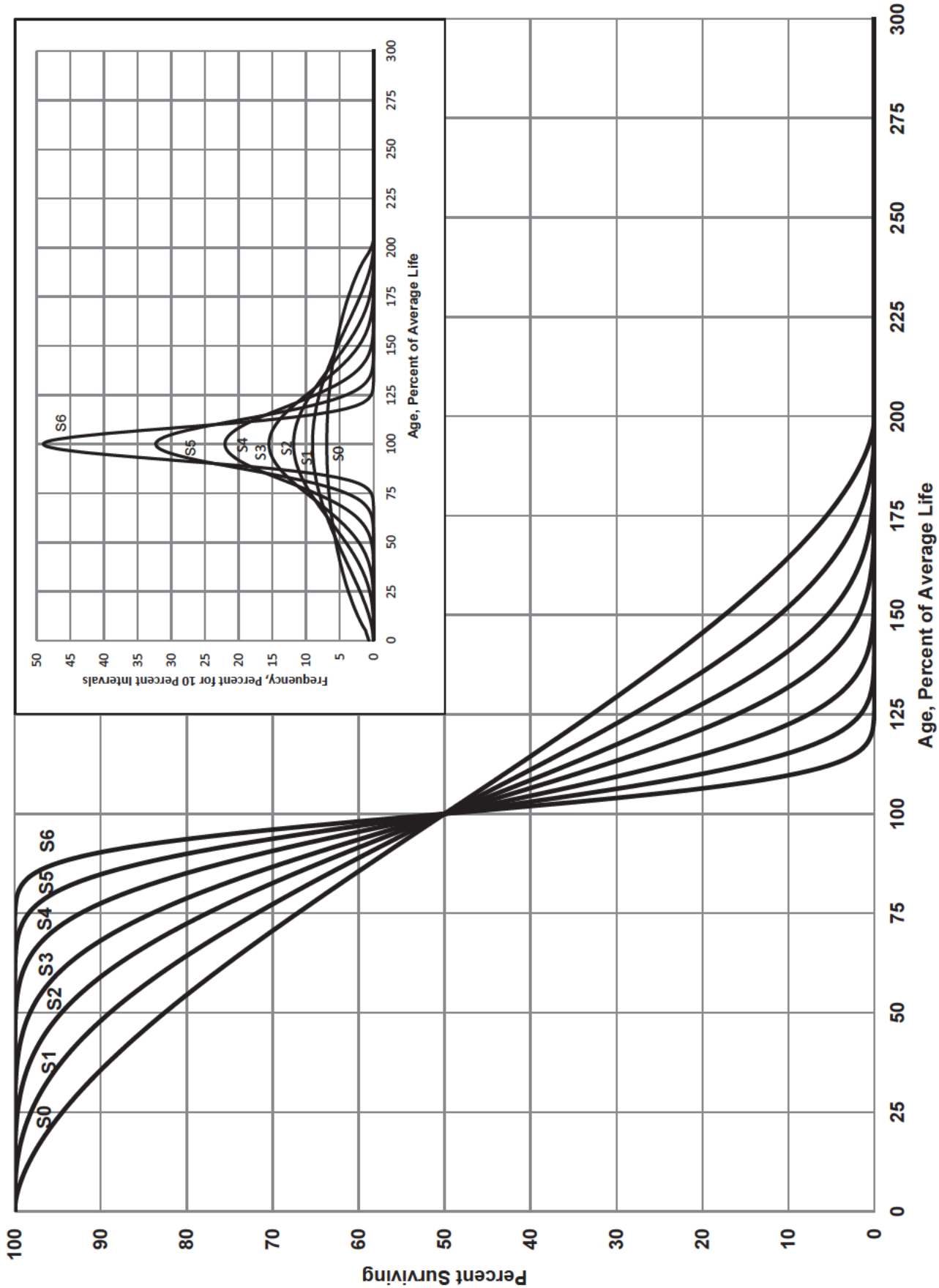


FIGURE 3. SYMMETRICAL OR "S" IOWA TYPE SURVIVOR CURVES

OFFICIAL COPY
Sep 22 2023

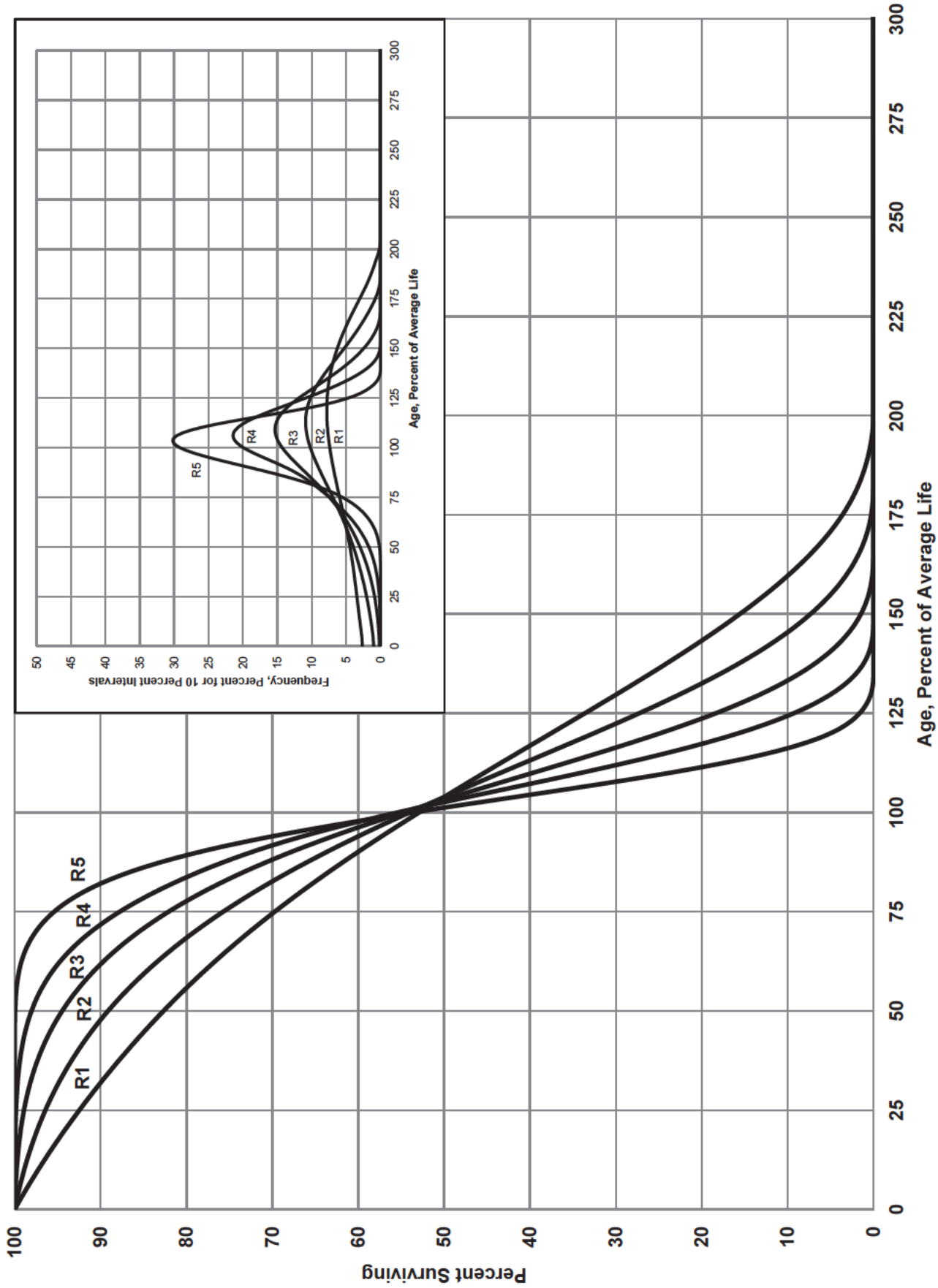


FIGURE 4. RIGHT MODAL OR "R" IOWA TYPE SURVIVOR CURVES

OFFICIAL COPY
Sep 22 2023

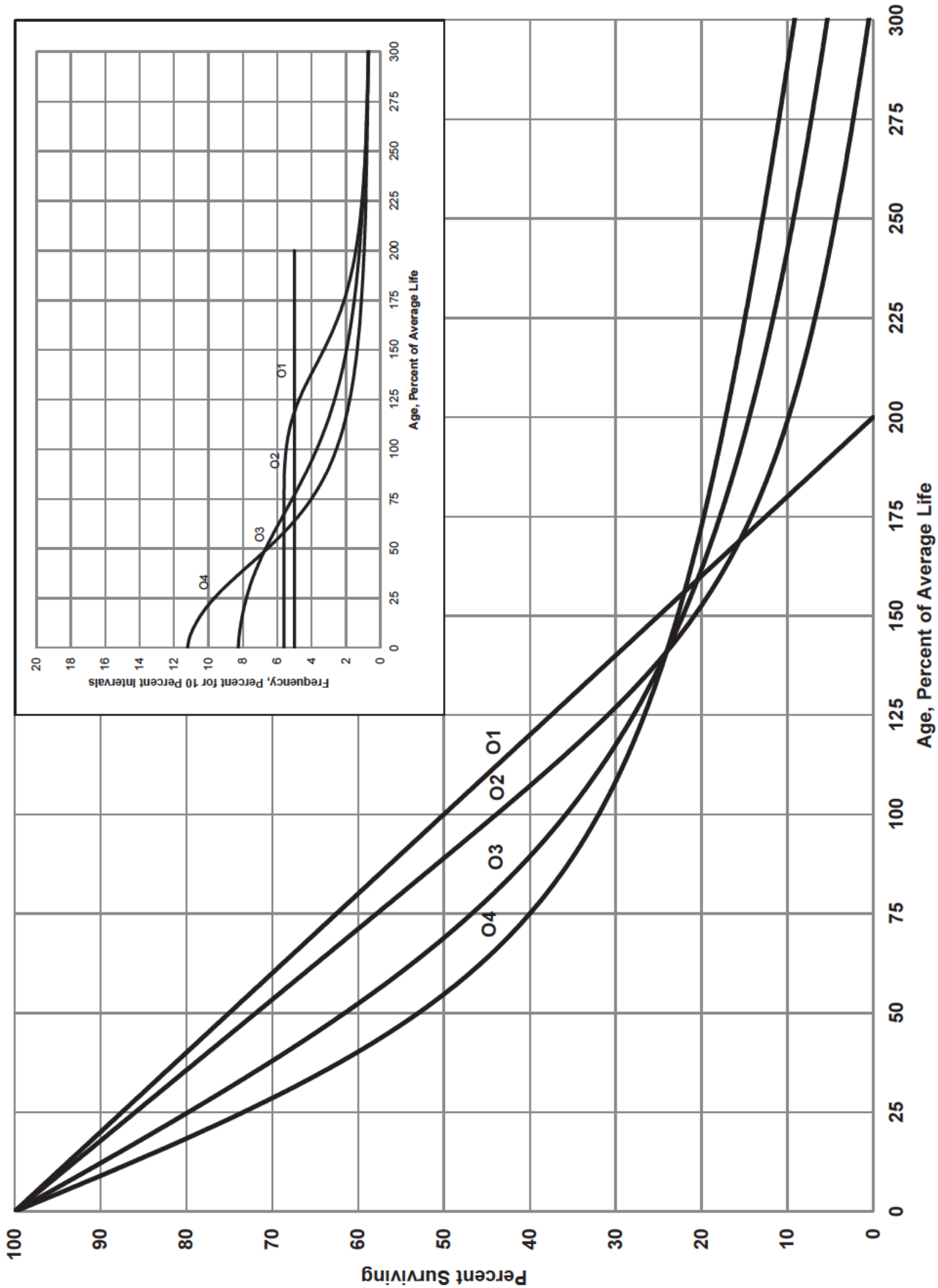


FIGURE 5. ORIGIN MODAL OR "O" IOWA TYPE SURVIVOR CURVES

OFFICIAL COPY
Sep 22 2023

These curve types have also been presented in subsequent Experiment Station bulletins and in the text, "Engineering Valuation and Depreciation."[1] In 1957, Frank V. B. Couch, Jr., an Iowa State College graduate student, submitted a thesis presenting his development of the fourth family consisting of the four O type survivor curves.

Retirement Rate Method of Analysis

The retirement rate method is an actuarial method of deriving survivor curves using the average rates at which property of each age group is retired. The method relates to property groups for which aged accounting experience is available and is the method used to develop the original stub survivor curves in this study. The method (also known as the annual rate method) is illustrated through the use of an example in the following text and is also explained in several publications including "Statistical Analyses of Industrial Property Retirements,"[2] "Engineering Valuation and Depreciation,"[3] and "Depreciation Systems."[4]

The average rate of retirement used in the calculation of the percent surviving for the survivor curve (life table) requires two sets of data: first, the property retired during a period of observation, identified by the property's age at retirement; and second, the property exposed to retirement at the beginning of the age intervals during the same period. The period of observation is referred to as the experience band. The band of years which represent the installation dates of the property exposed to retirement during the experience band is referred to as the placement band. An example of the calculations used in the development of a life table follows. The example includes schedules of annual aged property transactions, a schedule of plant exposed to retirement, a life table and illustrations of smoothing the stub survivor curve.

---

[1]Marston, Anson, Robley Winfrey and Jean C. Hempstead. Engineering Valuation and Depreciation, 2nd Edition. New York, McGraw-Hill Book Company. 1953.

[2]Winfrey, Robley, Statistical Analyses of Industrial Property Retirements. Iowa State College, Engineering Experiment Station, Bulletin 125. 1935.

[3]Marston, Anson, Robley Winfrey, and Jean C. Hempstead, Supra Note 1.

[4]Wolf, Frank K. and W. Chester Fitch. Depreciation Systems. Iowa State University Press. 1994.

OFFICIAL COPY
Sep 22 2023

Schedules of Annual Transactions in Plant Records

The property group used to illustrate the retirement rate method is observed for the experience band 2012-2021 for which there were placements during the years 2007-2021. In order to illustrate the summation of the aged data by age interval, the data were compiled in the manner presented in Schedules 1 and 2 on pages II-11 and II-12. In Schedule 1, the year of installation (year placed) and the year of retirement are shown. The age interval during which a retirement occurred is determined from this information. In the example which follows, $10,000 of the dollars invested in 2007 were retired in 2012. The $10,000 retirement occurred during the age interval between 4½ and 5½ years on the basis that approximately one-half of the amount of property was installed prior to and subsequent to July 1 of each year. That is, on the average, property installed during a year is placed in service at the midpoint of the year for the purpose of the analysis. All retirements also are stated as occurring at the midpoint of a one-year age interval of time, except the first age interval which encompasses only one-half year.

The total retirements occurring in each age interval in a band are determined by summing the amounts for each transaction year-installation year combination for that age interval. For example, the total of $143,000 retired for age interval 4½-5½ is the sum of the retirements entered on Schedule 1 immediately above the stair step line drawn on the table beginning with the 2012 retirements of 2007 installations and ending with the 2021 retirements of the 2016 installations. Thus, the total amount of 143 for age interval 4½-5½ equals the sum of:

10 + 12 + 13 + 11 + 13 + 13 + 15 + 17 + 19 + 20.

SCHEDULE 1. RETIREMENTS FOR EACH YEAR 2012-2021
SUMMARIZED BY AGE INTERVAL

Experience Band 2012-2021

Placement Band 2007-2021

Year Placed	Retirements, Thousands of Dollars During Year										Total During Age Interval	Age Interval
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2007	10	11	12	13	14	16	23	24	25	26	26	13½-14½
2008	11	12	13	15	16	18	20	21	22	19	44	12½-13½
2009	11	12	13	14	16	17	19	21	22	18	64	11½-12½
2010	8	9	10	11	11	13	14	15	16	17	83	10½-11½
2011	9	10	11	12	13	14	16	17	19	20	93	9½-10½
2012	4	9	10	11	12	13	14	15	16	20	105	8½-9½
2013		5	11	12	13	14	15	16	18	20	113	7½-8½
2014			6	12	13	15	16	17	19	19	124	6½-7½
2015				6	13	15	16	17	19	19	131	5½-6½
2016					7	14	16	17	19	20	143	4½-5½
2017						8	18	20	22	23	146	3½-4½
2018							9	20	22	25	150	2½-3½
2019								11	23	25	151	1½-2½
2020									11	24	153	½-1½
2021										13	80	0-½
Total	53	68	86	106	128	157	196	231	273	308	1,606	

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page23 of 64

Sep 22 2023 OFFICIAL COPY

SCHEDULE 2. OTHER TRANSACTIONS FOR EACH YEAR 2012-2021
SUMMARIZED BY AGE INTERVAL

Experience Band 2012-2021 Placement Band 2007-2021

Year Placed	Acquisitions, Transfers and Sales, Thousands of Dollars During Year										Total During Age Interval	Age Interval
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2007	-	-	-	-	-	-	60[a]	-	-	-	-	13½-14½
2008	-	-	-	-	-	-	-	-	-	-	-	12½-13½
2009	-	-	-	-	-	-	-	-	-	-	-	11½-12½
2010	-	-	-	-	-	-	-	(5)[b]	-	-	60	10½-11½
2011	-	-	-	-	-	-	-	6[a]	-	-	-	9½-10½
2012	-	-	-	-	-	-	-	-	-	-	(5)	8½-9½
2013		-	-	-	-	-	-	-	-	-	6	7½-8½
2014			-	-	-	-	-	-	-	-	-	6½-7½
2015				-	-	-	-	(12)[b]	-	-	-	5½-6½
2016					-	-	-	-	22[a]	-	-	4½-5½
2017						-	-	(19)[b]	-	-	10	3½-4½
2018							-	-	-	-	-	2½-3½
2019								-	-	(102)[c]	(121)	1½-2½
2020									-	-	-	½-1½
2021											-	0-½
Total	-	-	-	-	-	-	60	(30)	22	(102)	(50)	

[a] Transfer Affecting Exposures at Beginning of Year
[b] Transfer Affecting Exposures at End of Year
[c] Sale with Continued Use
Parentheses Denote Credit Amount.

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page24 of 64
Sep 22 2023
OFFICIAL COPY

OFFICIAL COPY
Sep 22 2023

In Schedule 2, other transactions which affect the group are recorded in a similar manner. The entries illustrated include transfers and sales. The entries which are credits to the plant account are shown in parentheses. The items recorded on this schedule are not totaled with the retirements, but are used in developing the exposures at the beginning of each age interval.

Schedule of Plant Exposed to Retirement

The development of the amount of plant exposed to retirement at the beginning of each age interval is illustrated in Schedule 3 on page II-14. The surviving plant at the beginning of each year from 2012 through 2021 is recorded by year in the portion of the table headed "Annual Survivors at the Beginning of the Year." The last amount entered in each column is the amount of new plant added to the group during the year. The amounts entered in Schedule 3 for each successive year following the beginning balance or addition are obtained by adding or subtracting the net entries shown on Schedules 1 and 2. For the purpose of determining the plant exposed to retirement, transfers-in are considered as being exposed to retirement in this group at the beginning of the year in which they occurred, and the sales and transfers-out are considered to be removed from the plant exposed to retirement at the beginning of the following year. Thus, the amounts of plant shown at the beginning of each year are the amounts of plant from each placement year considered to be exposed to retirement at the beginning of each successive transaction year. For example, the exposures for the installation year 2017 are calculated in the following manner:

Exposures at age 0	= amount of addition	= $750,000
Exposures at age ½	= $750,000 - $ 8,000	= $742,000
Exposures at age 1½	= $742,000 - $18,000	= $724,000
Exposures at age 2½	= $724,000 - $20,000 - $19,000	= $685,000
Exposures at age 3½	= $685,000 - $22,000	= $663,000

SCHEDULE 3. PLANT EXPOSED TO RETIREMENT
JANUARY 1 OF EACH YEAR 2012-2021
SUMMARIZED BY AGE INTERVAL

Experience Band 2012-2021

Placement Band 2007-2021

Year Placed	Exposures, Thousands of Dollars — Annual Survivors at the Beginning of the Year										Total at Beginning of Age Interval	Age Interval
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
2007	255	245	234	222	209	195	239	216	192	167	167	13½-14½
2008	279	268	256	243	228	212	194	174	153	131	323	12½-13½
2009	307	296	284	271	257	241	224	205	184	162	531	11½-12½
2010	338	330	321	311	300	289	276	262	242	226	823	10½-11½
2011	376	367	357	346	334	321	307	297	280	261	1,097	9½-10½
2012	420[a]	416	407	397	386	374	361	347	332	316	1,503	8½-9½
2013		460[a]	455	444	432	419	405	390	374	356	1,952	7½-8½
2014			510[a]	504	492	479	464	448	431	412	2,463	6½-7½
2015				580[a]	574	561	546	530	501	482	3,057	5½-6½
2016					660[a]	653	639	623	628	609	3,789	4½-5½
2017						750[a]	742	724	685	663	4,332	3½-4½
2018							850[a]	841	821	799	4,955	2½-3½
2019								960[a]	949	926	5,719	1½-2½
2020									1,080[a]	1,069	6,579	½-1½
2021										1,220[a]	7,490	0-½
Total	1,975	2,382	2,824	3,318	3,872	4,494	5,247	6,017	6,852	7,799	44,780	

[a]Additions during the year

Spanos Supplemental Exhibit 1
Docket No. E-7, Sub 1276
Page26 of 64

Sep 22 2023 OFFICIAL COPY

OFFICIAL COPY
Sep 22 2023

For the entire experience band 2012-2021, the total exposures at the beginning of an age interval are obtained by summing diagonally in a manner similar to the summing of the retirements during an age interval (Schedule 1). For example, the figure of 3,789, shown as the total exposures at the beginning of age interval 4½-5½, is obtained by summing:

255 + 268 + 284 + 311 + 334 + 374 + 405 + 448 + 501 + 609.

Original Life Table

The original life table, illustrated in Schedule 4 on page II-16, is developed from the totals shown on the schedules of retirements and exposures, Schedules 1 and 3, respectively. The exposures at the beginning of the age interval are obtained from the corresponding age interval of the exposure schedule, and the retirements during the age interval are obtained from the corresponding age interval of the retirement schedule. The retirement ratio is the result of dividing the retirements during the age interval by the exposures at the beginning of the age interval. The percent surviving at the beginning of each age interval is derived from survivor ratios, each of which equals one minus the retirement ratio. The percent surviving is developed by starting with 100% at age zero and successively multiplying the percent surviving at the beginning of each interval by the survivor ratio, i.e., one minus the retirement ratio for that age interval. The calculations necessary to determine the percent surviving at age 5½ are as follows:

Percent surviving at age 4½	=	88.15				
Exposures at age 4½	=	3,789,000				
Retirements from age 4½ to 5½	=	143,000				
Retirement Ratio	=	143,000	÷	3,789,000	=	0.0377
Survivor Ratio	=	1.000	-	0.0377	=	0.9623
Percent surviving at age 5½	=	(88.15)	x	(0.9623)	=	84.83

The totals of the exposures and retirements (columns 2 and 3) are shown for the purpose of checking with the respective totals in Schedules 1 and 3. The ratio of the total retirements to the total exposures, other than for each age interval, is meaningless.

OFFICIAL COPY
Sep 22 2023

SCHEDULE 4. ORIGINAL LIFE TABLE
CALCULATED BY THE RETIREMENT RATE METHOD

Experience Band 2012-2021 Placement Band 2007-2021

(Exposure and Retirement Amounts are in Thousands of Dollars)

Age at Beginning of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Age Interval
(1)	(2)	(3)	(4)	(5)	(6)
0.0	7,490	80	0.0107	0.9893	100.00
0.5	6,579	153	0.0233	0.9767	98.93
1.5	5,719	151	0.0264	0.9736	96.62
2.5	4,955	150	0.0303	0.9697	94.07
3.5	4,332	146	0.0337	0.9663	91.22
4.5	3,789	143	0.0377	0.9623	88.15
5.5	3,057	131	0.0429	0.9571	84.83
6.5	2,463	124	0.0503	0.9497	81.19
7.5	1,952	113	0.0579	0.9421	77.11
8.5	1,503	105	0.0699	0.9301	72.65
9.5	1,097	93	0.0848	0.9152	67.57
10.5	823	83	0.1009	0.8991	61.84
11.5	531	64	0.1205	0.8795	55.60
12.5	323	44	0.1362	0.8638	48.90
13.5	167	26	0.1557	0.8443	42.24
					35.66
Total	44,780	1,606			

Column 2 from Schedule 3, Column 12, Plant Exposed to Retirement.
Column 3 from Schedule 1, Column 12, Retirements for Each Year.
Column 4 = Column 3 Divided by Column 2.
Column 5 = 1.0000 Minus Column 4.
Column 6 = Column 5 Multiplied by Column 6 as of the Preceding Age Interval.

OFFICIAL COPY

Sep 22 2023

The original survivor curve is plotted from the original life table (column 6, Schedule 4). When the curve terminates at a percent surviving greater than zero, it is called a stub survivor curve. Survivor curves developed from retirement rate studies generally are stub curves.

Smoothing the Original Survivor Curve

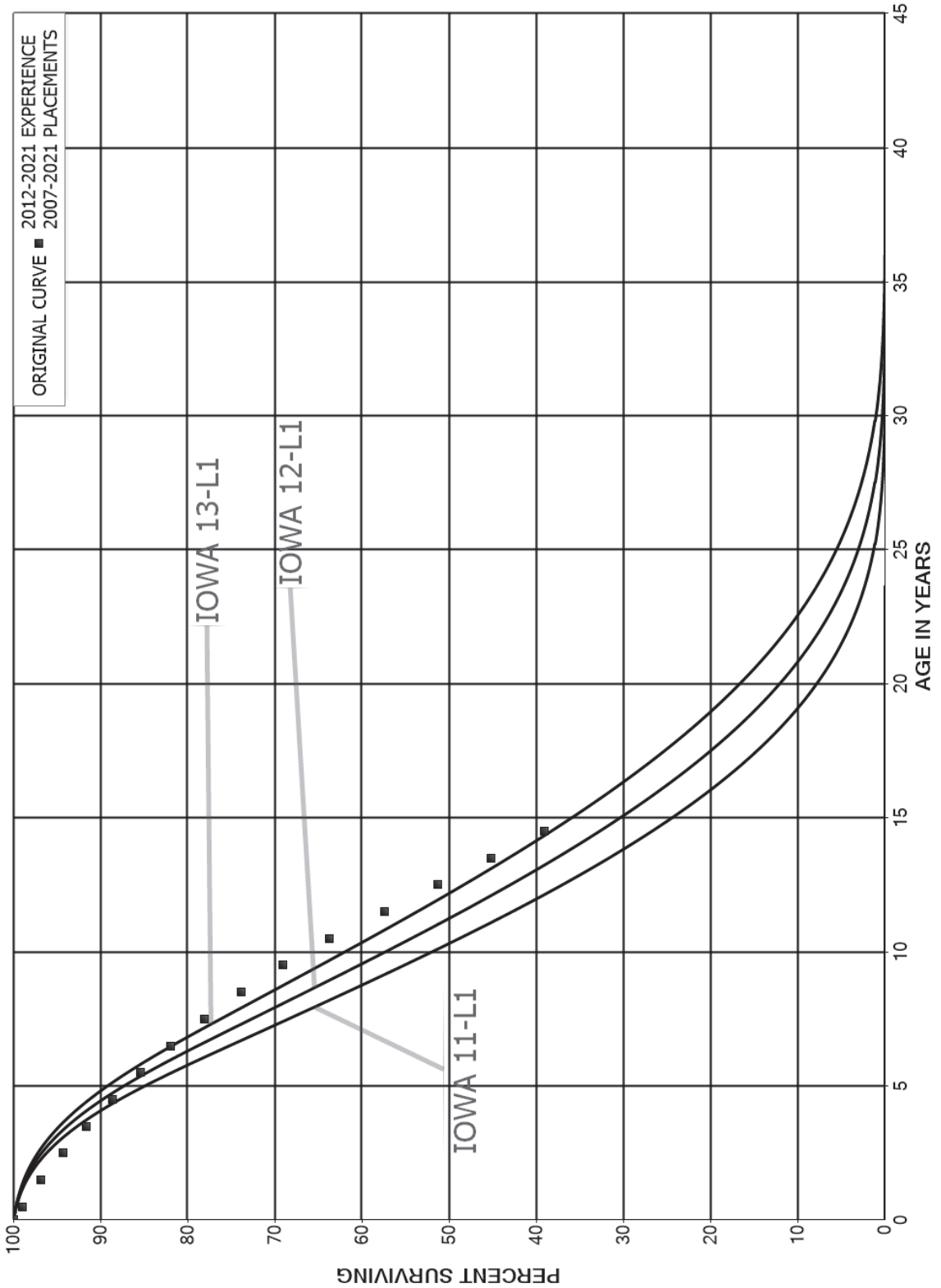
The smoothing of the original survivor curve eliminates any irregularities and serves as the basis for the preliminary extrapolation to zero percent surviving of the original stub curve. Even if the original survivor curve is complete from 100% to zero percent, it is desirable to eliminate any irregularities, as there is still an extrapolation for the vintages which have not yet lived to the age at which the curve reaches zero percent. In this study, the smoothing of the original curve with established type curves was used to eliminate irregularities in the original curve.

The Iowa type curves are used in this study to smooth those original stub curves which are expressed as percents surviving at ages in years. Each original survivor curve was compared to the Iowa curves using visual and mathematical matching in order to determine the better fitting smooth curves. In Figures 6, 7, and 8, the original curve developed in Schedule 4 is compared with the L, S, and R Iowa type curves which most nearly fit the original survivor curve. In Figure 6, the L1 curve with an average life between 12 and 13 years appears to be the best fit. In Figure 7, the S0 type curve with a 12-year average life appears to be the best fit and appears to be better than the L1 fitting. In Figure 8, the R1 type curve with a 12-year average life appears to be the best fit and appears to be better than either the L1 or the S0.

In Figure 9, the three fittings, 12-L1, 12-S0 and 12-R1 are drawn for comparison purposes. It is probable that the 12-R1 Iowa curve would be selected as the most representative of the plotted survivor characteristics of the group.

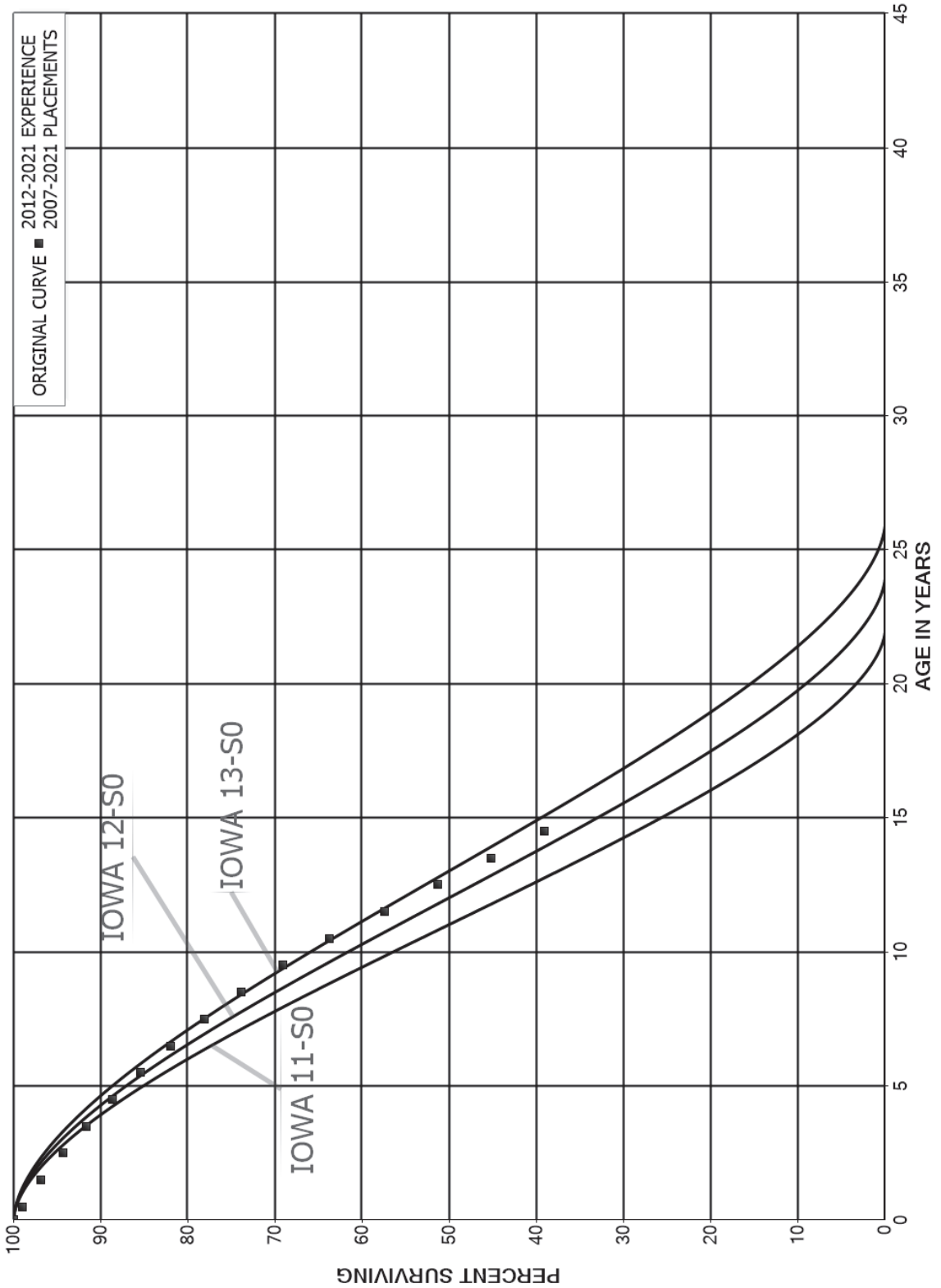
OFFICIAL COPY
Sep 22 2023

FIGURE 6. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES



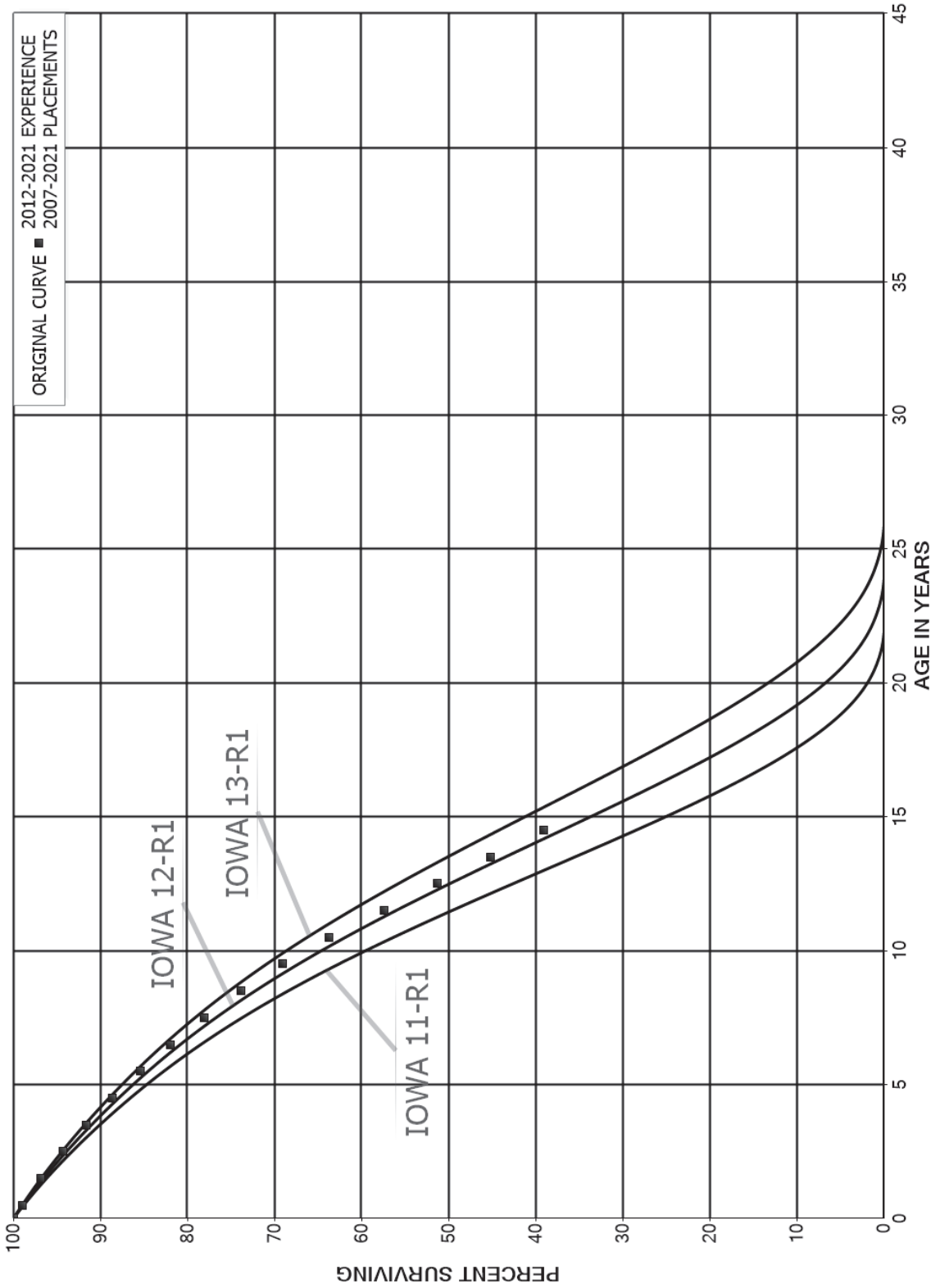
OFFICIAL COPY
Sep 22 2023

FIGURE 7. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN S0 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES



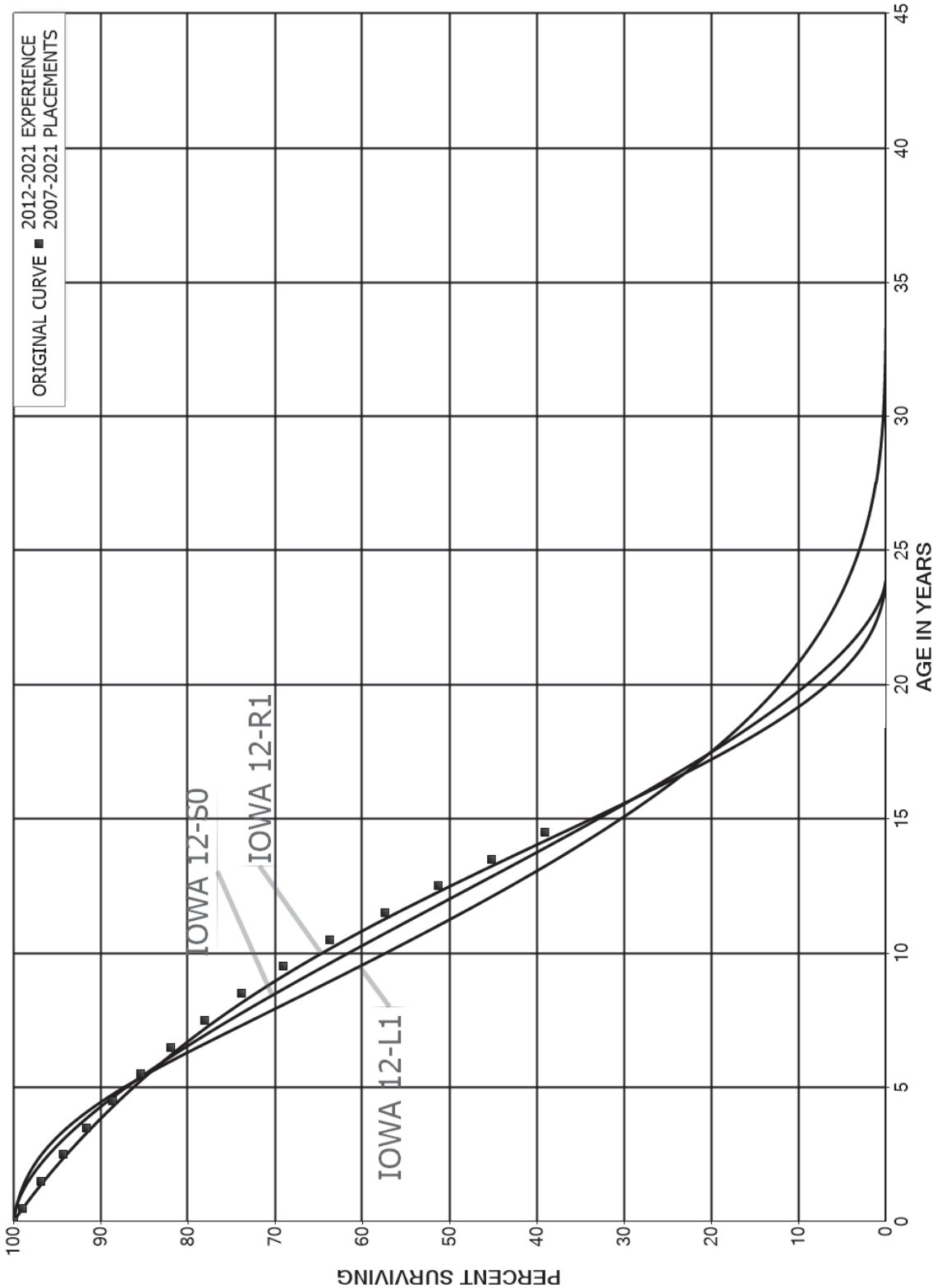
OFFICIAL COPY
Sep 22 2023

FIGURE 8. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN R1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

FIGURE 9. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1, S0 AND R1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY

Sep 22 2023

PART III. SERVICE LIFE CONSIDERATIONS

OFFICIAL COPY
Sep 22 2023

PART III. SERVICE LIFE CONSIDERATIONS

FIELD TRIPS

In order to be familiar with the operation of the Company and observe representative portions of the plant, field trips have been conducted. A general understanding of the function of the plant and information with respect to the reasons for past retirements and the expected future causes of retirements are obtained during field trips. This knowledge and information were incorporated in the interpretation and extrapolation of the statistical analyses.

The following is a list of the locations visited during the recent field trips.

May 17-19, 2022
- Mountain Island Hydro Plant
- Allen Steam Generating Station
- Gaston Solar Station
- Cliffside Steam Generating Station
- Thorpe Hydro Plant
- Cedar Cliff Hydro Plant
- Tennessee Hydro Plant
- Clemson Combined Heat and Power Plant
- Marshall Steam Generating Station
- Lincoln Combustion Turbine Station
- Cowans Ford Hydro Plant

April 1-2, 2019
- Buster Boyd Substation
- Riverbend Switching Station
- Stonewater Tie-in
- Marshall Substation
- Marshall Steam Generating Station
- Lee Combined Cycle Generating Station

January 11-13, 2017
- Mill Creek Generating Station
- Ninety-Nine Islands Hydro Plant
- W.S. Lee Combined Cycle Plant
- W.S. Lee Steam Plant
- Keowee Hydro Plant
- Jocassee Pump Storage Plant
- Tennessee Creek Hydro Plant

OFFICIAL COPY
Sep 22 2023

Wolf Creek Dam
Cedar Cliff Hydro Plant
Thorpe Hydro Plant
Bridgewater Hydro Plant

December 7, 2016
Dan River Combined Cycle Plant

June 13-15, 2012
Buck Combined Cycle Generating Station
Rockingham Combustion Turbine Station
Belews Creek Generating Station
Lewisville Operations Center
Peace Haven Road Substation
Shallowford Substation
Bridgewater Hydro Plant
Marshall Steam Generating Station
Lincolntown Tie Substation
Cliffside Steam Generating Station
Allen Steam Generating Station

March 3-5, 2009
Allen Steam Generating Station
Marshall Steam Generating Station
Belews Creek Generating Station
McGuire Nuclear Station
Cowans Ford Hydro Plant
Lincoln Combustion Turbine Station
Mountain Island Hydro Plant
Riverbend Steam Generating Station
Mill Creek Combustion Turbine Station
Oconee Nuclear Station
Bad Creek Pump Storage
Jocassee Hydro Plant
Cliffside Steam Generating Station

October 27-29, 2003
McGuire Nuclear Station
Allen Steam Generating Station
Mountain Island Hydro Plant
Riverbend Steam Generating Station
Lincoln Combustion Turbine Station
Marshall Steam Generating Station
Cowans Ford Hydro Plant
Bad Creek Pump Storage
Oconee Nuclear Station

OFFICIAL COPY
Sep 22 2023

SERVICE LIFE ANALYSIS

The service life estimates were based on judgment which considered a number of factors. The primary factors were the statistical analyses of data, current Company policies and outlook as determined during conversations with management; and the survivor curve estimates from previous studies of this company and other electric utility companies.

For 47 plant accounts and subaccounts for which survivor curves were estimated, the statistical analyses using the retirement rate method resulted in good to excellent indications of the survivor patterns experienced. These accounts represent 90 percent of depreciable plant. Generally, the information external to the statistics led to minimal or no significant departure from the indicated survivor curves for the accounts listed below. The statistical support for the service life estimates is presented in the section beginning on page VII-2.

STEAM PRODUCTION PLANT
- 311.00 Structures and Improvements
- 312.00 Boiler Plant Equipment
- 314.00 Turbogenerator Units
- 315.00 Accessory Electric Equipment

NUCLEAR PLANT
- 321.00 Structures and Improvements
- 322.00 Reactor Plant Equipment
- 323.00 Turbogenerators
- 324.00 Accessory Electric Equipment
- 325.00 Miscellaneous Power Plant Equipment

HYDRAULIC PLANT
- 331.00 Structures and Improvements
- 332.00 Reservoirs, Dams and Waterways
- 333.00 Water Wheels, Turbines and Generators
- 334.00 Accessory Electric Equipment
- 335.00 Miscellaneous Power Plant Equipment

OFFICIAL COPY
Sep 22 2023

OTHER PRODUCTION PLANT
- 342.00 Fuel Holders, Producers and Accessories
- 343.00 Prime Movers
- 343.10 Prime Movers - Rotable Parts
- 344.00 Generators
- 346.00 Miscellaneous Power Plant Equipment

TRANSMISSION PLANT
- 352.00 Structures and Improvements
- 353.00 Station Equipment
- 354.00 Towers and Fixtures
- 355.00 Poles and Fixtures
- 356.00 Overhead Conductors and Devices

DISTRIBUTION PLANT
- 361.00 Structures and Improvements
- 362.00 Station Equipment
- 364.00 Poles, Towers and Fixtures
- 364.10 Poles, Towers and Fixtures - Storm Securitization
- 365.00 Overhead Conductors and Devices
- 365.10 Overhead Conductors and Devices - Storm Securitization
- 367.00 Underground Conductors and Devices
- 368.00 Line Transformers
- 368.10 Line Transformers - Storm Securitization
- 370.00 Meters and Metering Equipment
- 371.00 Installations on Customers' Premises
- 373.00 Street Lighting and Signal Systems

GENERAL PLANT
- 390.00 Structures and Improvements
- 392.10 Transportation Equipment - Passenger Cars and Station Wagons
- 392.11 Transportation Equipment - Light Trucks
- 392.12 Transportation Equipment - Medium Trucks
- 392.13 Transportation Equipment - Heavy Trucks
- 392.15 Transportation Equipment - Heavy Trucks/Power Equipped
- 392.16 Transportation Equipment - Tractors
- 392.18 Transportation Equipment - Trailers
- 396.04 Power Operated Equipment - Mobile Cranes
- 396.07 Power Operated Equipment - Miscellaneous Non-Highway Equipment
- 396.09 Power Operated Equipment - Miscellaneous Equipment

OFFICIAL COPY
Sep 22 2023

Accounts 365.00 and 365.10, Overhead Conductors and Devices, is used to illustrate the manner in which the study was conducted for the groups in the preceding list. Aged plant accounting data have been compiled for the years 1960 through 2021. These data have been coded in the course of the Company's normal record keeping according to account or property group, type of transaction, year in which the transaction took place, and year in which the electric plant was placed in service. The retirements, other plant transactions, and plant additions were analyzed by the retirement rate method.

The survivor curve estimate is based on the statistical indications for the periods 1960 through 2021 and 1992 through 2021. The Iowa 52-R0.5 is a reasonable fit of the stub original survivor curve through age 58 for Overhead Conductors and Devices. The 52-year service life is within the typical service life range of 45 to 55 years for overhead conductor. The 52-year life reflects the Company's plans to replace overhead conductor at the time the equipment fails or requires a load upgrade due to growth in the service territory.

For Accounts 364.00 and 364.10, Poles, Towers and Fixtures, the survivor curve estimate is the 52-R2. The statistical analysis for this account provides a good indication of service life through age 62. The 52-R2 estimate is within the industry range and is consistent with the outlook for this account. The current estimate for this account is 50-R2. Based on these considerations, the 52-R2 survivor curve is the most reasonable estimate for this account.

For Account 367.00, Underground Conductors and Devices, the survivor curve estimate of 54-R3 is based on the statistical indications for the periods 1960 through 2021 and 2002 through 2021. The Iowa 54-R3 is a good fit of the stub curve for Underground Conductors and Devices through age 53 and is consistent with the outlook for this account. The 54-year service life is within the typical service life range of 40 to

OFFICIAL COPY
Sep 22 2023

60 years for underground conductor. The current estimate for this account is 55-R3. Based on these considerations, the 54-R3 survivor curve is the most reasonable estimate for this account.

Similar studies were performed for the remaining plant accounts. Each of the judgments represented a consideration of statistical analyses of aged plant activity, management's outlook for the future, and the typical range of lives used by other electric companies.

Life Span Estimates

Inasmuch as production plant consists of large generating units, the life span technique was employed in conjunction with the use of interim survivor curves which reflect interim retirements that occur prior to the ultimate retirement of the major unit. An interim survivor curve was estimated for each plant account, inasmuch as the rate of interim retirements differs from account to account. The interim survivor curves estimated for steam, nuclear, hydraulic and other production plant were based on the retirement rate method of life analysis which incorporated experienced aged retirements for the period 1960 through 2021 for steam; 1978 through 2021 for nuclear; 1960 through 2021 for hydraulic; and 1971 through 2021 for other production.

The depreciable life span estimates for power generating stations were the result of considering experienced life spans of similar generating units, the age of surviving units, general operating characteristics of the units, major refurbishments, discussions with management personnel concerning the probable long-term outlook for the units, and the estimate of the operating partner, if applicable.

The depreciable life span estimate for most steam, base-load units is 53 to 66 years, which is within the typical range of life spans for such units. The life span for nuclear units is approximately 80 years, and is consistent with the planned relicense dates for each unit. The depreciable life span for hydraulic units is 73 to 148 years

OFFICIAL COPY
Sep 22 2023

which corresponds to the license or relicense dates of each station. A life span of 40-45 years was estimated for the combustion turbines. These life span estimates are typical for combustion turbines which are used primarily as peaking units. The combined cycle units are relatively new units with a commonly used 40-year life span estimate. The large solar facilities constructed to date will have a 30-year life span.

A summary of the major year in service, depreciable life date and depreciable life span for each power production unit follows:

Depreciable Group	Major Year in Service	Probable Retirement Year	Life Span
Steam Production Plant			
Marshall Unit 1	1965	2028	63
Marshall Unit 2	1966	2028	62
Marshall Unit 3	1969	2032	63
Marshall Unit 4	1970	2032	62
Belews Creek Unit 1	1974,2003	2035	61,32
Belews Creek Unit 2	1974,2003	2035	61,32
Cliffside Unit 5 (J.E. Rodgers)	1972	2025	53
Cliffside Unit 6 (J.E. Rodgers)	2012	2048	36
Lee	1951,1990	2022	71,32
Allen	1957,1961	2023	66,62
Nuclear Production			
Oconee	1973	2054	81
McGuire	1981	2063	82
Catawba	1985	2063	78
Hydro Production			
Cowans Ford	1963	2055	92
Bad Creek	1991	2067	76
Jocassee	1973	2046	73
Keowee	1971	2046	75
Fishing Creek	1916,1997	2055	139,58
Cedar Creek	1927,1999	2055	128,56
Bridgewater	1919,2011	2055	136,44
Lookout Shoals	1915,1995	2055	140,60

OFFICIAL COPY
Sep 22 2023

Depreciable Group	Major Year in Service	Probable Retirement Year	Life Span
Mountain Island	1923,2005	2055	132,50
99 Islands	1910	2036	126
Oxford	1928,1997	2055	127,58
Rhodhiss	1925, 2000	2055	130,55
Wateree	1919,1996	2055	136,59
Wylie	1925,1997	2055	130,58
Great Falls	1907,1993	2055	148,62
Dearborn	1923,1996	2055	132,59
NPL Bear Creek	1954	2041	87
NPL Cedar Cliff	1952	2041	89
NPL Nantahala	1942	2042	100
NPL Queens Creek	1949	2032	83
NPL Tennessee Creek	1955	2041	86
NPL Thorpe	1943	2041	98
NPL Tuckasegee	1951	2041	90
Other Production Plant			
Lincoln CTs	1995	2040	45
Lee CTs	2007	2047	40
Mill Creek CTs	2002	2043	41
Rockingham CTs	2000	2040	40
Buck Combined Cycle	2011	2051	40
Dan River Combined Cycle	2012	2052	40
Lee Combined Cycle	2018	2058	40
Clemson Combined Heat and Power Plant	2019	2059	40
Woodleaf – Solar	2018	2048	30
Monroe – Solar	2017	2047	30
Mocksville – Solar	2016	2046	30
Gaston – Solar	2020	2050	30
Maiden Creek - Solar	2021	2051	30

The selected amortization periods for other General Plant accounts are described in the section “Calculated Annual and Accrued Amortization.”

OFFICIAL COPY

Sep 22 2023

PART IV. NET SALVAGE CONSIDERATIONS

OFFICIAL COPY
Sep 22 2023

PART IV. NET SALVAGE CONSIDERATIONS

NET SALVAGE ANALYSIS

The estimates of net salvage by account were based in part on historical data compiled through 2021. Cost of removal and gross salvage were expressed as percents of the original cost of plant retired, both on annual and three-year moving average bases. The most recent five-year average also was calculated for consideration. The net salvage estimates by account are expressed as a percent of the original cost of plant retired.

Net Salvage Considerations

The estimates of future net salvage are expressed as percentages of surviving plant in service, i.e., all future retirements. In cases in which removal costs are expected to exceed salvage receipts, a negative net salvage percentage is estimated. The net salvage estimates were based on judgment which incorporated analyses of historical cost of removal and gross salvage data, expectations with respect to future removal requirements and markets for retired equipment and materials.

The analyses of historical cost of removal and gross salvage data are presented in the section titled “Net Salvage Statistics” for the plant accounts for which the net salvage estimate relied partially on those analyses.

Statistical analyses of historical data for the periods 2003 through 2021 for all plant accounts were analyzed. The analyses contributed significantly toward the net salvage estimates for 45 plant accounts, representing 87 percent of the depreciable plant, as follows:

OFFICIAL COPY
Sep 22 2023

STEAM PRODUCTION PLANT
- 311.00 Structures and Improvements
- 312.00 Boiler Plant Equipment
- 314.00 Turbogenerator Units
- 315.00 Accessory Electric Equipment
- 316.00 Miscellaneous Power Plant Equipment

NUCLEAR PRODUCTION PLANT
- 321.00 Structures and Improvements
- 322.00 Reactor Plant Equipment
- 323.00 Turbogenerator Units
- 324.00 Accessory Electric Equipment
- 325.00 Miscellaneous Power Plant Equipment

HYDRAULIC PRODUCTION PLANT
- 331.00 Structures and Improvements
- 332.00 Reservoirs, Dams and Waterway
- 333.00 Water Wheels, Turbines and Generators
- 334.00 Accessory Electric Equipment
- 335.00 Miscellaneous Power Plant Equipment

OTHER PRODUCTION PLANT
- 342.00 Fuel Holders, Producers and Accessories
- 345.00 Accessory Electric Equipment
- 346.00 Miscellaneous Power Plant Equipment

TRANSMISSION PLANT
- 352.00 Structures and Improvements
- 353.00 Station Equipment
- 354.00 Towers and Fixtures
- 355.00 Poles and Fixtures
- 356.00 Overhead Conductors and Devices
- 358.00 Underground Conductors and Devices

DISTRIBUTION PLANT
- 361.00 Structures and Improvements
- 362.00 Station Equipment
- 364.00 Poles, Towers and Fixtures
- 365.00 Overhead Conductors and Devices
- 366.00 Underground Conduit
- 367.00 Underground Conductors and Devices
- 368.00 Line Transformers
- 370.00 Meters and Metering Equipment
- 371.00 Installations on Customers' Premises
- 373.00 Street Lighting and Signal Systems

OFFICIAL COPY
Sep 22 2023

GENERAL PLANT

390.00	Structures and Improvements
392.10	Transportation Equipment - Passenger Cars and Station Wagons
392.11	Transportation Equipment - Light Trucks
392.12	Transportation Equipment - Medium Trucks
392.13	Transportation Equipment - Heavy Trucks
392.15	Transportation Equipment - Heavy Trucks/Power Equipped
392.16	Transportation Equipment - Tractors
392.18	Transportation Equipment - Trailers
396.04	Power Operated Equipment - Mobile Cranes
396.07	Power Operated Equipment - Miscellaneous Non-Highway Equipment
396.00	Power Operated Equipment - Miscellaneous Equipment

Account 365.00, Overhead Conductors and Devices, is used to illustrate the manner in which the study was conducted for the groups in the preceding list. Net salvage data for the period 2003 through 2021 were analyzed for this account. The data include cost of removal, gross salvage and net salvage amounts and each of these amounts is expressed as a percent of the original cost of regular retirements. Three-year moving averages for the 2003-2005 through 2019-2021 periods were computed to smooth the annual amounts.

Cost of removal was relatively consistent during the nineteen-year period with the exception of 2011 through 2013. The primary cause of the higher levels of cost of removal in recent years has been the increased safety needs and environmental requirements that have caused labor hours per project to increase. Cost of removal for the most recent five years averaged 42 percent.

Gross salvage has varied throughout the period with high levels in 2009, 2010 and 2017 due to practices of reuse. The most recent five-year average of 2 percent gross salvage is in line with overall future expectations of moderate levels of scrap value.

OFFICIAL COPY
Sep 22 2023

The net salvage percent based on the overall period 2003 through 2021 is negative 31 percent and based on the most recent five-year period is negative 40 percent. The typical range of estimates made by other electric companies for Overhead Conductors and Devices is negative 20 to negative 40 percent. The net salvage estimate for overhead conductor is negative 30 percent, is within the range of other estimates and reflects the levels of net salvage experienced over the last nineteen years.

The net salvage estimate for Account 353.00, Station Equipment, is negative 15 percent. Net salvage data for the period 2003 through 2021 were analyzed for this account. Cost of removal has been high in most years for the period studied with a slight decrease in recent years. There has been some gross salvage, but it has been less than cost of removal and has only averaged approximately 1 percent throughout the period. For the period 2003 through 2021, net salvage has averaged negative 18 percent. More recent years have experienced higher levels of retirements and have also experienced increased amounts of cost of removal except for 2018 which had some delays in recording. The most recent five year average is negative 11 percent.

Estimates of negative 20 percent or less are common in the industry for station equipment. There has been a trend to less negative net salvage related to station equipment in recent years, however, some electric companies have estimates that are even more negative than the recent indications of the Company. While the trend for this account does support a less negative net salvage estimate than currently utilized, a negative 15 percent estimate reflects the expectations of the Company for this account as well as the experience of others in the industry.

The overall net salvage estimates for the Company's production facilities, for which the life span method is used, is based on estimates of both final net salvage and interim net salvage. Final net salvage is the net salvage experienced at the end of a

OFFICIAL COPY
Sep 22 2023

production plant's life span. Interim net salvage is the net salvage experienced for interim retirements that occur prior to the final retirement of the plant. The final net salvage estimates in the study were based on a decommissioning study performed by 1898 & Co. (part of Burns & McDonnell). These studies excluded ash pond closure activities. The interim net salvage estimates were based in part on an analysis of historical interim retirement and net salvage data. Based on informed judgment that incorporated these interim net salvage analyses for each plant account, an interim net salvage estimate of negative 18 percent was used for steam plant accounts; negative 10 percent for nuclear plant accounts; negative 20 percent for hydraulic plant accounts; and a negative 23percent estimate was used for all other production plant accounts, other than solar assets. The other exception is for Account 343.10, Prime Movers – Rotable Parts, which are only associated with the combined cycle units. This account includes the hot gas path components of the combustion turbines for these plants. An interim net salvage estimate of 40 percent is recommended, consistent with the historical data and outlook for these assets.

The interim survivor curve estimates for each account and production facility were used to calculate the percentage of plant expected to be retired as interim retirements and final retirements. These are shown on Table 1 in the Net Salvage Statistics section on page VIII-2. These percentages were used to determine the weighted net salvage estimate for each account and production facility based on the interim and final net salvage estimates. These calculations, as well as the estimated final net salvage and interim net salvage percents, are shown on Table 2 of the Net Salvage Statistics section on page VIII-3. Table 3 sets forth the calculation for establishing the terminal net salvage percent for each generating location which is utilized in Table 2.

OFFICIAL COPY
Sep 22 2023

The net salvage percents for the remaining accounts were based on judgment incorporating factors such as the statistical net salvage analysis, general knowledge of the property studied, and estimates of previous studies of this and other electric companies.

Generally, the net salvage estimates for remaining general plant accounts were zero percent, consistent with amortization accounting.

OFFICIAL COPY

Sep 22 2023

PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

OFFICIAL COPY
Sep 22 2023

PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

GROUP DEPRECIATION PROCEDURES

A group procedure for depreciation is appropriate when considering more than a single item of property. Normally the items within a group do not have identical service lives, but have lives that are dispersed over a range of time. There are two primary group procedures, namely, average service life and equal life group. In the average service life procedure, the rate of annual depreciation is based on the average life or average remaining life of the group, and this rate is applied to the surviving balances of the group's cost. A characteristic of this procedure is that the cost of plant retired prior to average life is not fully recouped at the time of retirement, whereas the cost of plant retired subsequent to average life is more than fully recouped. Over the entire life cycle, the portion of cost not recouped prior to average life is balanced by the cost recouped subsequent to average life.

Single Unit of Property

The calculation of straight line depreciation for a single unit of property is straightforward. For example, if a $1,000 unit of property attains an age of four years and has a life expectancy of six years, the annual accrual over the total life is:

$$\frac{\$1{,}000}{(4 + 6)} = \$100 \text{ per year.}$$

The accrued depreciation is:

$$\$1{,}000\left(1 - \frac{6}{10}\right) = \$400.$$

OFFICIAL COPY
Sep 22 2023

Remaining Life Annual Accruals

For the purpose of calculating remaining life accruals as of December 31, 2021, the depreciation reserve for each plant account is allocated among vintages in proportion to the calculated accrued depreciation for the account. Explanations of remaining life accruals and calculated accrued depreciation follow. The detailed calculations as of December 31, 2021, are set forth in the Results of Study section of the report.

Average Service Life Procedure

In the average service life procedure, the remaining life annual accrual for each vintage is determined by dividing future book accruals (original cost less book reserve) by the average remaining life of the vintage. The average remaining life is a directly weighted average derived from the estimated future survivor curve in accordance with the average service life procedure.

The calculated accrued depreciation for each depreciable property group represents that portion of the depreciable cost of the group which would not be allocated to expense through future depreciation accruals if current forecasts of life characteristics are used as the basis for such accruals. The accrued depreciation calculation consists of applying an appropriate ratio to the surviving original cost of each vintage of each account based upon the attained age and service life. The straight line accrued depreciation ratios are calculated as follows for the average service life procedure:

$$Ratio = 1 - \frac{Average\ Remaining\ Life}{Average\ Service\ Life}.$$

OFFICIAL COPY
Sep 22 2023

CALCULATION OF ANNUAL AND ACCRUED AMORTIZATION

Amortization, as defined in the Uniform System of Accounts, is the gradual extinguishment of an amount in an account by distributing such amount over a fixed period, over the life of the asset or liability to which it applies, or over the period during which it is anticipated the benefit will be realized. Normally, the distribution of the amount is in equal amounts to each year of the amortization period.

The calculation of annual and accrued amortization requires the selection of an amortization period. The amortization periods used in this report were based on judgment which incorporated a consideration of the period during which the assets will render most of their service, the amortization periods and service lives used by other utilities, and the service life estimates previously used for the asset under depreciation accounting.

Amortization accounting is appropriate for certain General Plant accounts that represent numerous units of property, but a very small portion of total depreciable electric plant in service. The accounts and their amortization periods are as follows:

Account		Amortization Period, Years
391	Office Furniture and Equipment	
	Furniture and Equipment	15
	EDP	8
393	Stores Equipment	20
394	Tools, Shop and Garage Equipment	20
395	Laboratory Equipment	15
397	Communication Equipment	10
398	Miscellaneous Equipment	20

For the purpose of calculating annual amortization amounts as of December 31, 2021, the book depreciation reserve for each plant account or subaccount is assigned or allocated to vintages. The book reserve assigned to vintages with an age greater

OFFICIAL COPY
Sep 22 2023

than the amortization period is equal to the vintage's original cost. The remaining book reserve is allocated among vintages with an age less than the amortization period in proportion to the calculated accrued amortization. The calculated accrued amortization is equal to the original cost multiplied by the ratio of the vintage's age to its amortization period. The annual amortization amount is determined by dividing the future amortizations (original cost less allocated book reserve) by the remaining period of amortization for the vintage.

OFFICIAL COPY

Sep 22 2023

PART VI. RESULTS OF STUDY

OFFICIAL COPY
Sep 22 2023

PART VI. RESULTS OF STUDY

QUALIFICATION OF RESULTS

The calculated annual and accrued depreciation are the principal results of the study. Continued surveillance and periodic revisions are normally required to maintain continued use of appropriate annual depreciation accrual rates. An assumption that accrual rates can remain unchanged over a long period of time implies a disregard for the inherent variability in service lives and net salvage and for the change of the composition of property in service. The annual accrual rates were calculated in accordance with the straight line remaining life method of depreciation, using the average service life procedure based on estimates which reflect considerations of current historical evidence and expected future conditions.

The annual depreciation accrual rates are applicable specifically to the electric plant in service as of December 31, 2021. For most plant accounts, the application of such rates to future balances that reflect additions subsequent to December 31, 2021, is reasonable for a period of three to five years.

DESCRIPTION OF STATISTICAL SUPPORT

The service life and net salvage estimates were based on judgment which incorporated statistical analyses of retirement data, discussions with management and consideration of estimates made for other electric companies. The results of the statistical analyses of service life are presented in the section titled "Service Life Statistics".

The estimated survivor curves for each account are presented in graphical form. The charts depict the estimated smooth survivor curve and original survivor curve(s), when applicable, related to each specific group. For groups where the original survivor curve was plotted, the calculation of the original life table is also presented.

OFFICIAL COPY
Sep 22 2023

The analyses of net salvage data are presented in the section titled, "Net Salvage Statistics". The tabulations present annual cost of removal and gross salvage data, three-year moving averages and the most recent five-year average. Data are shown in dollars and as percentages of original costs retired.

DESCRIPTION OF DEPRECIATION TABULATIONS

A summary of the results of the study, as applied to the original cost of electric plant as of December 31, 2021, is presented on pages VI-4 through VI-15 of this report. The schedule sets forth the original cost, the book depreciation reserve, future accruals, the calculated annual depreciation rate and amount, and the composite remaining life related to electric plant.

The tables of the calculated annual depreciation accruals are presented in account sequence in the section titled "Detailed Depreciation Calculations." The tables indicate the estimated survivor curve and net salvage percent for the account and set forth, for each installation year, the original cost, the calculated accrued depreciation, the allocated book reserve, future accruals, the remaining life and the calculated annual accrual amount.

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

ACCOUNT		PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
(1)		(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
STEAM PRODUCTION PLANT											
311.00	STRUCTURES AND MPROVEMENTS										
	MARSHALL UNIT 1	12-2028	90-S1	*	(3)	4,009,963.84	2,729,491	1,400,772	206,059	5.14	6.8
	MARSHALL UNIT 2	12-2028	90-S1	*	(4)	6,092,584.90	4,159,602	2,176,686	320,505	5.26	6.8
	MARSHALL UNIT 3	12-2032	90-S1	*	(4)	9,592,807.15	5,927,916	4,048,603	382,722	3.99	10.6
	MARSHALL UNIT 4	12-2032	90-S1	*	(4)	7,104,018.20	4,440,018	2,948,161	279,271	3.93	10.6
	MARSHALL COMMON	12-2032	90-S1	*	(4)	168,536,268.86	43,525,193	131,752,527	12,018,857	7.13	11.0
	BELEWS CREEK UNIT 1	12-2035	90-S1	*	(6)	131,857,154.97	66,126,778	73,641,806	5,390,821	4.09	13.7
	BELEWS CREEK UNIT 2	12-2035	90-S1	*	(6)	65,951,215.49	29,886,655	40,021,633	2,903,561	4.40	13.8
	BELEWS CREEK COMMON	12-2035	90-S1	*	(6)	200,205,509.06	51,184,550	161,033,290	11,579,230	5.78	13.9
	LEE	03-2022	90-S1	*	(12)	13,123,930.34	12,643,112	2,055,690	2,055,690	15.66	1.0
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	90-S1	*	(5)	60,758,312.35	39,369,107	24,427,121	6,136,665	10.10	4.0
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	90-S1	*	(8)	155,989,756.57	34,270,711	134,198,226	5,086,714	3.26	26.4
	CL FFS DE COMMON (J.E. ROGERS)	12-2048	90-S1	*	(6)	147,832,930.54	15,254,680	141,448,226	5,310,989	3.59	26.6
	ALLEN	12-2023	90-S1	*	(5)	161,355,511.52	97,632,999	71,790,288	35,915,444	22.26	2.0
	TOTAL STRUCTURES AND IMPROVEMENTS					1,132,409,963.79	407,150,812	790,943,029	87,586,528	7.73	9.0
312.00	BOILER PLANT EQUIPMENT										
	MARSHALL UNIT 1	12-2028	47-R2	*	(3)	482,435,560.10	301,877,381	195,031,246	28,441,871	5.90	6.9
	MARSHALL UNIT 2	12-2028	47-R2	*	(4)	113,723,953.57	61,859,071	56,413,841	8,248,014	7.25	6.8
	MARSHALL UNIT 3	12-2032	47-R2	*	(4)	306,016,158.30	148,924,894	169,331,911	15,963,334	5.22	10.6
	MARSHALL UNIT 4	12-2032	47-R2	*	(4)	199,256,872.74	88,589,690	118,637,458	11,188,264	5.61	10.6
	MARSHALL COMMON	12-2032	47-R2	*	(4)	354,842,132.37	112,724,551	256,311,267	23,915,090	6.74	10.7
	BELEWS CREEK UNIT 1	12-2035	47-R2	*	(6)	402,272,281.54	173,409,410	252,999,208	18,896,533	4.70	13.4
	BELEWS CREEK UNIT 2	12-2035	47-R2	*	(6)	325,520,604.88	143,192,228	201,859,613	15,092,641	4.64	13.4
	BELEWS CREEK COMMON	12-2035	47-R2	*	(6)	1,007,887,247.57	420,289,184	648,071,298	48,751,094	4.84	13.3
	LEE	03-2022	47-R2	*	(12)	46,799,187.41	48,304,265	4,110,825	4,110,825	8.78	1.0
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	47-R2	*	(5)	636,792,124.37	433,520,342	235,111,389	59,392,403	9.33	4.0
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	47-R2	*	(8)	1,277,318,126.21	337,771,793	1,041,731,783	42,551,335	3.33	24.5
	CL FFS DE COMMON (J.E. ROGERS)	12-2048	47-R2	*	(6)	14,918,380.38	3,586,629	12,226,854	497,519	3.33	24.6
	ALLEN	12-2023	47-R2	*	(5)	607 456 476.02	495 250 720	142 578 580	71 656 558	11.80	2.0
	TOTAL BOILER PLANT EQUIPMENT					5,775,239,105.46	2,769,300,158	3,334,415,273	348,705,481	6.04	9.6
314.00	TURBOGENERATOR UNITS										
	MARSHALL UNIT 1	12-2028	50-S0.5	*	(3)	48,514,739.94	15,514,115	34,456,067	4,994,770	10.30	6.9
	MARSHALL UNIT 2	12-2028	50-S0.5	*	(4)	55,070,729.51	18,058,566	39,214,993	5,735,265	10.41	6.8
	MARSHALL UNIT 3	12-2032	50-S0.5	*	(4)	55,000,059.28	17,659,666	39,540,396	3,781,668	6.88	10.5
	MARSHALL UNIT 4	12-2032	50-S0.5	*	(4)	74,442,601.09	26,228,625	51,191,680	4,891,231	6.57	10.5
	MARSHALL COMMON	12-2032	50-S0.5	*	(4)	8,584,327.39	3,189,284	5,738,416	554,541	6.46	10.3
	BELEWS CREEK UNIT 1	12-2035	50-S0.5	*	(6)	97,199,859.58	27,169,171	75,862,680	5,689,011	5.85	13.3
	BELEWS CREEK UNIT 2	12-2035	50-S0.5	*	(6)	111,149,237.44	31,192,253	86,625,939	6,490,543	5.84	13.3
	BELEWS CREEK COMMON	12-2035	50-S0.5	*	(6)	40,782,764.55	15,357,105	27,872,625	2,220,310	5.44	12.6
	LEE	03-2022	50-S0.5	*	(12)	8,683,987.42	8,037,775	1,688,291	1,688,290	19.44	1.0
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	50-S0.5	*	(5)	59,900,126.04	32,562,682	30,332,450	7,764,052	12.96	3.9
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	50-S0.5	*	(8)	267,185,630.48	52,348,945	236,211,536	9,865,339	3.69	23.9
	ALLEN	12-2023	50-S0.5	*	(5)	63,590,030.88	35,719,065	31,050,467	15,687,378	24.67	2.0
	SHARED DEPARTMENT PLANT	12-2048	50-S0.5	*	(10)	14 673.94	4 111	12 030	525	3.58	22.9
	TOTAL TURBOGENERATOR UNITS					890,118,767.54	283,041,363	659,797,570	69,362,923	7.79	9.5

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page58 of 64

Sep 22 2023

OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
315.00	ACCESSORY ELECTRIC EQU PMENT										
	MARSHALL UNIT 1	12-2028	60-S1	*	(3)	7,604,503.50	4,243,531	3,589,108	521,428	6.86	6.9
	MARSHALL UNIT 2	12-2028	60-S1	*	(4)	5,922,427.73	2,729,281	3,430,044	496,365	8.38	6.9
	MARSHALL UNIT 3	12-2032	60-S1	*	(4)	29,085,682.54	17,117,032	13,132,078	1,251,051	4.30	10.5
	MARSHALL UNIT 4	12-2032	60-S1	*	(4)	19,892,421.83	11,369,093	9,319,026	887,122	4.46	10.5
	MARSHALL COMMON	12-2032	60-S1	*	(4)	22,419,153.37	10,067,726	13,248,194	1,234,850	5.51	10.7
	BELEWS CREEK UNIT 1	12-2035	60-S1	*	(6)	21,359,179.08	9,972,734	12,667,996	938,327	4.39	13.5
	BELEWS CREEK UNIT 2	12-2035	60-S1	*	(6)	19,328,358.98	9,555,358	10,932,703	812,600	4.20	13.5
	BELEWS CREEK COMMON	12-2035	60-S1	*	(6)	31,217,294.84	16,089,195	17,001,138	1,296,138	4.15	13.1
	LEE	03-2022	60-S1	*	(12)	16,637,076.93	16,176,161	2,457,365	2,457,364	14.77	1.0
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	60-S1	*	(5)	24,027,867.42	18,356,689	6,872,572	1,748,786	7.28	3.9
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	60-S1	*	(8)	153,701,998.28	38,843,044	127,155,114	5,024,632	3.27	25.3
	CL FFS DE COMMON (J.E. ROGERS)	12-2048	60-S1	*	(6)	1,315,068.92	117,821	1,276,152	48,936	3.72	26.1
	ALLEN	12-2023	60-S1	*	(5)	41,454,912.16	34,572,199	8,955,459	4,514,428	10.89	2.0
	TOTAL ACCESSORY ELECTRIC EQUIPMENT					393,965,945.58	189,209,864	230,036,949	21,232,027	5.39	10.8
316.00	MISCELLANEOUS POWER PLANT EQUIPMENT										
	MARSHALL UNIT 1	12-2028	45-R2.5	*	(3)	2,025,256.80	1,133,844	952,171	139,229	6.87	6.8
	MARSHALL UNIT 2	12-2028	45-R2.5	*	(4)	1,050,801.00	734,107	358,726	53,973	5.14	6.6
	MARSHALL UNIT 3	12-2032	45-R2.5	*	(4)	3,695,499.62	1,694,396	2,148,924	201,660	5.46	10.7
	MARSHALL UNIT 4	12-2032	45-R2.5	*	(4)	2,213,259.65	1,158,895	1,142,895	109,000	4.92	10.5
	MARSHALL COMMON	12-2032	45-R2.5	*	(4)	28,791,315.97	12,378,779	17,564,190	1,654,737	5.75	10.6
	BELEWS CREEK UNIT 1	12-2035	45-R2.5	*	(6)	3,359,701.77	1,354,121	2,207,163	163,766	4.87	13.5
	BELEWS CREEK UNIT 2	12-2035	45-R2.5	*	(6)	2,108,637.33	760,115	1,475,041	108,725	5.16	13.6
	BELEWS CREEK COMMON	12-2035	45-R2.5	*	(6)	26,224,507.01	9,067,248	18,730,729	1,393,579	5.31	13.4
	LEE	03-2022	45-R2.5	*	(12)	6,290,749.21	5,857,143	1,188,496	1,188,497	18.89	1.0
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	45-R2.5	*	(5)	11,493,380.05	7,600,340	4,467,709	1,130,744	9.84	4.0
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	45-R2.5	*	(8)	246,475,193.56	60,275,006	205,918,203	8,349,656	3.39	24.7
	CL FFS DE COMMON (J.E. ROGERS)	12-2048	45-R2.5	*	(6)	7,330,212.97	1,039,440	6,730,586	265,708	3.62	25.3
	ALLEN	12-2023	45-R2.5	*	(5)	21,050,521.37	15,381,568	6,721,479	3,376,362	16.04	2.0
	SHARED DEPARTMENT PLANT	12-2048	45-R2.5	*	(10)	830,130.36	165,262	747,881	29,874	3.60	25.0
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT					362,939,166.67	118,600,264	270,354,193	18,165,510	5.01	14.9
	TOTAL STEAM PRODUCTION PLANT					**8,554,672,949.04**	**3,767,302,461**	**5,285,547,014**	**545,052,469**	**6.37**	
	NUCLEAR PRODUCTION PLANT										
321.00	STRUCTURES AND MPROVEMENTS										
	OCONEE	07-2054	55-S1.5	*	(4)	1,019,281,183.74	375,180,447	684,871,984	23,618,229	2.32	29.0
	MCGUIRE	03-2063	55-S1.5	*	(8)	721,643,971.62	427,262,855	352,112,634	12,195,424	1.69	28.9
	CATAWBA	12-2063	55-S1.5	*	(8)	251 711 370.41	150 853 755	120 994 525	4 213 221	1.67	28.7
	TOTAL STRUCTURES AND IMPROVEMENTS					1,992,636,525.77	953,297,057	1,157,979,143	40,026,874	2.01	28.9
322.00	REACTOR PLANT EQUIPMENT										
	OCONEE	07-2054	45-R2	*	(4)	2,067,904,613.19	749,753,548	1,400,867,250	51,161,786	2.47	27.4
	MCGUIRE	03-2063	45-R2	*	(8)	1,614,070,842.69	975,050,591	768,145,919	28,657,645	1.78	26.8
	CATAWBA	12-2063	45-R2	*	(8)	387 760 120.58	251 219 437	167 561 493	6 621 051	1.71	25.3
	TOTAL REACTOR PLANT EQU PMENT					4,069,735,576.46	1,976,023,576	2,336,574,662	86,440,482	2.12	27.0

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page59 of 64

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
323.00	TURBOGENERATOR UNITS										
	OCONEE	07-2054	40-R2	*	(4)	430,486,729.29	121,178,170	326,528,028	12,942,067	3.01	25.2
	MCGUIRE	03-2063	40-R2	*	(8)	573,569,892.98	214,544,481	404,911,003	15,836,521	2.76	25.6
	CATAWBA	12-2063	40-R2	*	(8)	116,116,405.63	57,226,699	68,179,019	3,169,176	2.73	21.5
	TOTAL TURBOGENERATOR UNITS					1,120,173,027.90	392,949,350	799,618,050	31,947,764	2.85	25.0
324.00	ACCESSORY ELECTRIC EQUIPMENT										
	OCONEE	07-2054	45-R3	*	(4)	939,193,970.26	285,909,513	690,852,216	23,946,128	2.55	28.9
	MCGUIRE	03-2063	45-R3	*	(8)	278,759,279.62	156,586,312	144,473,710	5,120,469	1.84	28.2
	CATAWBA	12-2063	45-R3	*	(8)	92,964,812.60	56,328,823	44,073,175	1,684,219	1.81	26.2
	SHARED DEPARTMENT PLANT	12-2063	45-R3	*	(10)	124,789.97	45,583	91,686	2,892	2.32	31.7
	TOTAL ACCESSORY ELECTRIC EQUIPMENT					1,311,042,852.45	498,870,231	879,490,787	30,753,708	2.35	28.6
325.00	MISCELLANEOUS POWER PLANT EQUIPMENT										
	OCONEE	07-2054	50-R2.5	*	(4)	270,468,486.38	114,710,199	166,577,027	5,895,228	2.18	28.3
	MCGUIRE	03-2063	50-R2.5	*	(8)	308,391,167.65	142,919,964	190,142,497	5,917,149	1.92	32.1
	CATAWBA	12-2063	50-R2.5	*	(8)	54,038,716.58	26,791,059	31,570,755	1,006,597	1.86	31.4
	SHARED DEPARTMENT PLANT	12-2063	50-R2.5	*	(5)	4,126,480.02	643,505	3,689,299	100,097	2.43	36.9
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT					637,024,850.63	285,064,727	391,979,578	12,919,071	2.03	30.3
	TOTAL NUCLEAR PRODUCTION PLANT					**9,130,612,833.21**	**4,106,204,941**	**5,565,642,220**	**202,087,899**	**2.21**	
	HYDRAULIC PRODUCTION PLANT										
331.00	STRUCTURES AND MPROVEMENTS										
	COWANS FORD	10-2055	75-S2	*	(4)	19,751,910.65	8,824,619	11,717,368	383,769	1.94	30.5
	BAD CREEK	07-2067	75-S2	*	(9)	234,244,262.04	117,348,991	137,977,255	3,709,283	1.58	37.2
	JOCASSEE	08-2046	75-S2	*	(1)	33,533,952.47	14,636,064	19,233,228	815,892	2.43	23.6
	KEOWEE	08-2046	75-S2	*	(3)	32,788,214.66	4,903,626	28,868,235	1,176,491	3.59	24.5
	FISHING CREEK	10-2055	75-S2	*	(13)	5,708,226.16	2,060,393	4,389,903	136,028	2.38	32.3
	CEDAR CREEK	10-2055	75-S2	*	(14)	4,096,777.58	1,733,249	2,937,077	92,161	2.25	31.9
	BRIDGEWATER	10-2055	75-S2	*	(3)	66,243,976.56	17,601,446	50,629,850	1,538,403	2.32	32.9
	LOOKOUT SHOALS	10-2055	75-S2	*	(21)	2,871,615.01	1,419,606	2,055,048	65,203	2.27	31.5
	MOUNTAIN ISLAND	10-2055	75-S2	*	(16)	4,116,426.21	1,199,866	3,575,188	109,294	2.66	32.7
	99 ISLANDS	05-2036	75-S2	*	(15)	1,206,654.91	708,253	679,400	47,549	3.94	14.3
	OXFORD	10-2055	75-S2	*	(7)	4,211,263.52	1,913,091	2,592,961	82,490	1.96	31.4
	RHODHISS	10-2055	75-S2	*	(13)	6,066,351.39	1,967,967	4,887,010	150,499	2.48	32.5
	WATEREE	10-2055	75-S2	*	(13)	17,453,756.83	4,801,173	14,921,572	458,757	2.63	32.5
	WYL E	10-2055	75-S2	*	(10)	8,392,377.62	3,225,424	6,006,191	187,791	2.24	32.0
	GREAT FALLS	10-2055	75-S2	*	(108)	551,581.86	619,668	527,622	17,170	3.11	30.7
	DEARBORN	10-2055	75-S2	*	(19)	2,131,193.11	1,225,420	1,310,700	42,671	2.00	30.7
	NPL BEAR CREEK	04-2041	75-S2	*	(8)	1,066,014.82	323,682	827,614	43,133	4.05	19.2
	NPL CEDAR CLIFF	04-2041	75-S2	*	(17)	1,078,554.48	352,022	909,887	47,402	4.39	19.2
	NPL NANTAHALA	01-2042	75-S2	*	(10)	2,609,433.34	1,004,646	1,865,731	94,447	3.62	19.8
	NPL QUEENS CREEK	02-2032	75-S2	*	(95)	112,213.15	116,922	101,894	10,057	8.96	10.1
	NPL TENNESSEE CREEK	04-2041	75-S2	*	(11)	355,877.97	192,179	202,846	10,818	3.04	18.8
	NPL THORPE	04-2041	75-S2	*	(36)	4,578,421.14	2,056,020	4,170,633	218,731	4.78	19.1
	NPL TUCKASEGEE	04-2041	75-S2	*	(55)	2,401,434.01	1,233,166	2,489,057	129,578	5.40	19.2
	SHARED DEPARTMENT PLANT	01-2042	75-S2	*	(25)	27 830.67	15 891	18 897	953	3.42	19.8
	TOTAL STRUCTURES AND IMPROVEMENTS					455,598,320.16	189,483,384	302,895,167	9,568,570	2.10	31.7

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page60 of 64

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
332.00	RESERVOIRS, DAMS AND WATERWAYS										
	COWANS FORD	10-2055	100-S2 5	*	(4)	38,853,208.29	17,668,487	22,738,850	692,043	1.78	32.9
	BAD CREEK	07-2067	100-S2 5	*	(9)	455,754,166.98	246,203,324	250,568,718	5,861,049	1.29	42.8
	JOCASSEE	08-2046	100-S2 5	*	(1)	61,453,954.67	39,374,347	22,694,147	944,219	1.54	24.0
	KEOWEE	08-2046	100-S2 5	*	(3)	17,981,009.00	14,345,680	4,174,759	178,404	0.99	23.4
	FISHING CREEK	10-2055	100-S2 5	*	(13)	23,481,095.44	8,399,794	18,133,844	541,456	2.31	33.5
	CEDAR CREEK	10-2055	100-S2 5	*	(14)	12,017,600.10	5,248,838	8,451,226	252,785	2.10	33.4
	BRIDGEWATER	10-2055	100-S2 5	*	(3)	200,720,291.09	46,360,401	160,381,499	4,762,954	2.37	33.7
	LOOKOUT SHOALS	10-2055	100-S2 5	*	(21)	5,580,443.41	3,903,795	2,848,542	86,475	1.55	32.9
	MOUNTAIN ISLAND	10-2055	100-S2 5	*	(16)	14,584,120.65	4,887,017	12,030,563	359,508	2.47	33.5
	99 ISLANDS	05-2036	100-S2 5	*	(15)	12,905,168.02	9,277,285	5,563,658	386,328	2.99	14.4
	OXFORD	10-2055	100-S2 5	*	(7)	36,203,844.33	12,311,776	26,426,337	788,410	2.18	33.5
	RHODHISS	10-2055	100-S2 5	*	(13)	10,908,629.73	4,692,013	7,634,739	228,844	2.10	33.4
	WATEREE	10-2055	100-S2 5	*	(13)	15,019,295.50	9,114,588	7,857,216	238,373	1.59	33.0
	WYL E	10-2055	100-S2 5	*	(10)	29,701,234.32	9,182,787	23,488,571	700,521	2.36	33.5
	GREAT FALLS	10-2055	100-S2 5	*	(108)	2,869,197.00	4,223,215	1,744,715	53,517	1.87	32.6
	DEARBORN	10-2055	100-S2 5	*	(19)	2,394,278.61	1,130,190	1,719,002	51,657	2.16	33.3
	NPL BEAR CREEK	04-2041	100-S2 5	*	(8)	8,021,219.13	3,177,473	5,485,444	284,438	3.55	19.3
	NPL CEDAR CLIFF	04-2041	100-S2 5	*	(17)	5,593,886.94	2,336,648	4,208,200	218,169	3.90	19.3
	NPL NANTAHALA	01-2042	100-S2 5	*	(10)	16,018,307.69	11,090,876	6,529,262	328,067	2.05	19.9
	NPL QUEENS CREEK	02-2032	100-S2 5	*	(95)	763,263.69	1,131,205	357,159	35,124	4.60	10.2
	NPL TENNESSEE CREEK	04-2041	100-S2 5	*	(11)	12,191,332.96	4,924,097	8,608,283	446,534	3.66	19.3
	NPL THORPE	04-2041	100-S2 5	*	(36)	6,614,546.16	6,634,973	2,360,810	123,498	1.87	19.1
	NPL TUCKASEGEE	04-2041	100-S2 5	*	(55)	2,028,914.25	1,123,506	2,021,311	104,886	5.17	19.3
	SHARED DEPARTMENT PLANT	01-2042	100-S2 5	*	(25)	324,568.00	262,677	143,033	7,170	2.21	19.9
	TOTAL RESERVO RS, DAMS AND WATERWAYS					991,983,575.96	467,004,992	606,169,888	17,674,429	1.78	34.3
333.00	WATER WHEELS, TURBINES AND GENERATORS										
	COWANS FORD	10-2055	60-L2	*	(4)	68,487,087.07	12,757,912	58,468,659	1,930,626	2.82	30.3
	BAD CREEK	07-2067	60-L2	*	(9)	278,478,568.48	77,523,546	226,018,094	6,634,555	2.38	34.1
	JOCASSEE	08-2046	60-L2	*	(1)	71,420,107.14	25,499,982	46,634,326	2,112,877	2.96	22.1
	KEOWEE	08-2046	60-L2	*	(3)	173,934,216.98	27,665,672	151,486,571	6,364,436	3.66	23.8
	FISHING CREEK	10-2055	60-L2	*	(13)	22,401,991.61	9,355,205	15,959,046	593,694	2.65	26.9
	CEDAR CREEK	10-2055	60-L2	*	(14)	16,788,917.09	5,075,144	14,064,221	487,082	2.90	28.9
	BRIDGEWATER	10-2055	60-L2	*	(3)	20,780,376.11	4,616,850	16,786,937	550,930	2.65	30.5
	LOOKOUT SHOALS	10-2055	60-L2	*	(21)	10,652,140.62	4,481,903	8,407,187	309,636	2.91	27.2
	MOUNTAIN ISLAND	10-2055	60-L2	*	(16)	16,306,551.61	6,030,189	12,885,411	456,974	2.80	28.2
	99 ISLANDS	05-2036	60-L2	*	(15)	12,208,892.56	4,903,929	9,136,297	648,531	5.31	14.1
	OXFORD	10-2055	60-L2	*	(7)	18,494,760.61	4,728,261	15,061,133	507,622	2.74	29.7
	RHODHISS	10-2055	60-L2	*	(13)	17,378,790.35	4,616,338	15,021,695	502,493	2.89	29.9
	WATEREE	10-2055	60-L2	*	(13)	24,103,860.35	9,343,679	17,893,683	653,807	2.71	27.4
	WYL E	10-2055	60-L2	*	(10)	30,556,201.49	7,306,148	26,305,674	885,660	2.90	29.7
	GREAT FALLS	10-2055	60-L2	*	(108)	5,314,118.62	4,728,482	6,324,885	258,612	4.87	24.5
	DEARBORN	10-2055	60-L2	*	(19)	11,960,714.37	5,118,531	9,114,719	337,027	2.82	27.0
	NPL BEAR CREEK	04-2041	60-L2	*	(8)	6,310,104.72	1,118,634	5,696,279	299,552	4.75	19.0
	NPL CEDAR CLIFF	04-2041	60-L2	*	(17)	3,386,918.04	1,106,471	2,856,223	153,094	4.52	18.7
	NPL NANTAHALA	01-2042	60-L2	*	(10)	3,876,086.78	1,674,829	2,588,866	140,855	3.63	18.4
	NPL QUEENS CREEK	02-2032	60-L2	*	(95)	38,141.00	53,412	20,963	2,461	6.45	8.5
	NPL TENNESSEE CREEK	04-2041	60-L2	*	(11)	10,886,412.31	425,532	11,658,386	608,947	5.59	19.1
	NPL THORPE	04-2041	60-L2	*	(36)	420,632.00	374,589	197,471	14,939	3.55	13.2
	NPL TUCKASEGEE	04-2041	60-L2	*	(55)	250,398.87	160,308	227,810	13,473	5.38	16.9
	TOTAL WATER WHEELS, TURB NES AND GENERATORS					824,435,988.78	218,665,546	672,814,536	24,467,883	2.97	27.5

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page61 of 64

Sep 22 2023

OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
334.00	ACCESSORY ELECTRIC EQUIPMENT										
	COWANS FORD	10-2055	60-S1	*	(4)	12,978,753.81	2,245,835	11,252,069	366,271	2.82	30.7
	BAD CREEK	07-2067	60-S1	*	(9)	57,868,265.94	24,213,312	38,863,098	1,245,596	2.15	31.2
	JOCASSEE	08-2046	60-S1	*	(1)	19,445,364.65	5,354,156	14,285,662	629,650	3.24	22.7
	KEOWEE	08-2046	60-S1	*	(3)	14,183,983.33	5,505,153	9,104,350	408,060	2.88	22.3
	FISHING CREEK	10-2055	60-S1	*	(13)	4,563,858.93	1,781,652	3,375,509	120,382	2.64	28.0
	CEDAR CREEK	10-2055	60-S1	*	(14)	3,751,304.71	1,337,531	2,938,956	101,969	2.72	28.8
	BRIDGEWATER	10-2055	60-S1	*	(3)	7,436,806.13	1,677,044	5,982,866	196,309	2.64	30.5
	LOOKOUT SHOALS	10-2055	60-S1	*	(21)	2,095,204.40	987,068	1,548,129	58,393	2.79	26.5
	MOUNTAIN ISLAND	10-2055	60-S1	*	(16)	3,154,895.06	1,029,429	2,630,249	91,642	2.90	28.7
	99 ISLANDS	05-2036	60-S1	*	(15)	820,636.75	336,075	607,657	45,005	5.48	13.5
	OXFORD	10-2055	60-S1	*	(7)	3,904,494.93	1,400,053	2,777,757	98,107	2.51	28.3
	RHODHISS	10-2055	60-S1	*	(13)	2,355,053.28	925,308	1,735,902	62,595	2.66	27.7
	WATEREE	10-2055	60-S1	*	(13)	5,322,021.57	1,793,155	4,220,729	145,594	2.74	29.0
	WYL E	10-2055	60-S1	*	(10)	3,962,982.85	1,532,759	2,826,522	102,617	2.59	27.5
	GREAT FALLS	10-2055	60-S1	*	(108)	888,922.26	813,093	1,035,865	56,352	6.34	18.4
	DEARBORN	10-2055	60-S1	*	(19)	3,858,305.99	1,657,667	2,933,717	105,290	2.73	27.9
	NPL BEAR CREEK	04-2041	60-S1	*	(8)	303,466.52	76,619	251,125	13,686	4.51	18.3
	NPL CEDAR CLIFF	04-2041	60-S1	*	(17)	372,635.70	76,193	359,791	19,273	5.17	18.7
	NPL NANTAHALA	01-2042	60-S1	*	(10)	2,870,040.50	819,742	2,337,303	121,283	4.23	19.3
	NPL QUEENS CREEK	02-2032	60-S1	*	(95)	183,285.31	219,700	137,706	14,244	7.77	9.7
	NPL TENNESSEE CREEK	04-2041	60-S1	*	(11)	3,157,079.90	184,891	3,319,468	174,371	5.52	19.0
	NPL THORPE	04-2041	60-S1	*	(36)	2,536,155.87	1,265,877	2,183,295	120,746	4.76	18.1
	NPL TUCKASEGEE	04-2041	60-S1	*	(55)	436,678.33	199,017	477,834	25,932	5.94	18.4
	TOTAL ACCESSORY ELECTRIC EQUIPMENT					156,450,196.72	55,431,329	115,185,559	4,323,367	2.76	26.6
335.00	MISCELLANEOUS POWER PLANT EQUIPMENT										
	COWANS FORD	10-2055	57-R2	*	(4)	2,251,209.43	546,925	1,794,333	59,361	2.64	30.2
	BAD CREEK	07-2067	57-R2	*	(9)	30,106,922.47	12,840,345	19,976,200	612,281	2.03	32.6
	JOCASSEE	08-2046	57-R2	*	(1)	4,473,232.68	1,751,779	2,766,186	124,874	2.79	22.2
	KEOWEE	08-2046	57-R2	*	(3)	2,801,734.81	663,957	2,221,830	96,361	3.44	23.1
	FISHING CREEK	10-2055	57-R2	*	(13)	337,031.26	120,493	260,352	8,831	2.62	29.5
	CEDAR CREEK	10-2055	57-R2	*	(14)	499,493.64	143,362	426,061	14,075	2.82	30.3
	BRIDGEWATER	10-2055	57-R2	*	(3)	7,365,600.61	1,848,004	5,738,565	187,067	2.54	30.7
	LOOKOUT SHOALS	10-2055	57-R2	*	(21)	452,187.41	188,603	358,544	12,340	2.73	29.1
	MOUNTAIN ISLAND	10-2055	57-R2	*	(16)	502,664.36	198,744	384,347	13,208	2.63	29.1
	99 ISLANDS	05-2036	57-R2	*	(15)	510,703.13	246,018	341,291	24,429	4.78	14.0
	OXFORD	10-2055	57-R2	*	(7)	678,188.70	213,448	512,214	17,196	2.54	29.8
	RHODHISS	10-2055	57-R2	*	(13)	498,905.16	202,607	361,156	12,492	2.50	28.9
	WATEREE	10-2055	57-R2	*	(13)	637,406.82	182,462	537,808	17,804	2.79	30.2
	WYL E	10-2055	57-R2	*	(10)	863,410.75	195,710	754,042	24,639	2.85	30.6
	GREAT FALLS	10-2055	57-R2	*	(108)	402,575.72	188,084	649,273	21,326	5.30	30.4
	DEARBORN	10-2055	57-R2	*	(19)	456,205.35	131,562	411,322	13,663	2.99	30.1
	NPL BEAR CREEK	04-2041	57-R2	*	(8)	165,737.31	59,249	119,747	6,454	3.89	18.6
	NPL CEDAR CLIFF	04-2041	57-R2	*	(17)	124,235.96	47,770	97,586	5,260	4.23	18.6
	NPL NANTAHALA	01-2042	57-R2	*	(10)	1,215,354.50	397,961	938,929	48,745	4.01	19.3
	NPL QUEENS CREEK	02-2032	57-R2	*	(95)	206,671.03	263,608	139,401	14,108	6.83	9.9
	NPL TENNESSEE CREEK	04-2041	57-R2	*	(11)	224,995.69	85,505	164,240	8,859	3.94	18.5
	NPL THORPE	04-2041	57-R2	*	(36)	1,257,022.09	354,600	1,354,950	72,362	5.76	18.7
	NPL TUCKASEGEE	04-2041	57-R2	*	(55)	98,007.72	47,390	104,522	5,626	5.74	18.6
	SHARED DEPARTMENT PLANT	01-2042	57-R2	*	(5)	925,758.82	414,217	557,830	29,532	3.19	18.9
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT					57,055,255.42	21,332,403	40,970,729	1,450,893	2.54	28.2

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
336.00	ROADS, RA LROADS, AND BRIDGES										
	COWANS FORD	10-2055	75-R4	*	(4)	2,240,415.70	861,455	1,468,577	45,290	2.02	32.4
	BAD CREEK	07-2067	75-R4	*	(9)	18,888,977.85	9,770,014	10,818,972	271,333	1.44	39.9
	JOCASSEE	08-2046	75-R4	*	(1)	415,508.00	331,112	88,551	4,169	1.00	21.2
	DEARBORN	10-2055	75-R4	*	(19)	633,636.00	447,282	306,745	9,917	1.57	30.9
	NPL BEAR CREEK	04-2041	75-R4	*	(8)	52,776.00	53,844	3,154	241	0.46	13.1
	NPL CEDAR CLIFF	04-2041	75-R4	*	(17)	129,738.00	111,554	40,239	2,158	1.66	18.6
	NPL NANTAHALA	01-2042	75-R4	*	(10)	239,971.28	211,312	52,656	2,707	1.13	19.5
	NPL QUEENS CREEK	02-2032	75-R4	*	(95)	2,830.00	5,518	0	0	-	-
	NPL TENNESSEE CREEK	04-2041	75-R4	*	(11)	72,590.00	75,717	4,858	364	0.50	13.3
	NPL THORPE	04-2041	75-R4	*	(36)	46,024.00	54,505	8,088	422	0.92	19.2
	NPL TUCKASEGEE	04-2041	75-R4	*	(55)	8,678.00	13,055	396	34	0.39	11.6
	SHARED DEPARTMENT PLANT	01-2042	75-R4	*	0	84,399.00	84,399	0	0	-	-
	TOTAL ROADS, RAILROADS, AND BRIDGES					22,815,543.83	12,019,767	12,792,236	336,635	1.48	38.0
	TOTAL HYDRAULIC PRODUCTION PLANT					**2,508,338,880.87**	**963,937,421**	**1,750,828,115**	**57,821,777**	**2.31**	
	OTHER PRODUCTION PLANT										
341.00	STRUCTURES AND MPROVEMENTS										
	L NCOLN CTS	12-2040	55-R3	*	(9)	28,785,281.83	15,461,456	15,914,501	906,240	3.15	17.6
	DAN RIVER COMBINED CYCLE	06-2052	55-R3	*	(12)	149,165,212.59	33,588,185	133,476,853	4,624,152	3.10	28.9
	LEE CTS	06-2047	55-R3	*	(11)	1,389,211.84	178,164	1,363,861	54,640	3.93	25.0
	MILL CREEK CTS	06-2043	55-R3	*	(8)	29,986,169.07	13,117,936	19,267,127	949,559	3.17	20.3
	ROCK NGHAM CTS	06-2040	55-R3	*	(4)	3,432,572.96	818,928	2,750,948	151,026	4.40	18.2
	BUCK COMBINED CYCLE	06-2051	55-R3	*	(11)	155,526,328.55	35,985,231	136,648,994	4,858,707	3.12	28.1
	LEE COMB NED CYCLE	06-2058	55-R3	*	(12)	141,116,368.56	14,364,649	143,685,684	4,207,946	2.98	34.1
	CLEMSON COMB NE HEAT AND POWER PLANT	12-2059	55-R3	*	(13)	8,605,538.93	534,881	9,189,378	253,635	2.95	36.2
	LARK MAINTENANCE FACILITY	12-2059	55-R3	*	(5)	29 706 060.44	4 159 413	27 031 950	774 622	2.61	34.9
	TOTAL STRUCTURES AND IMPROVEMENTS					547,712,744.77	118,208,843	489,329,296	16,780,527	3.06	29.2
341.66	STRUCTURES AND MPROVEMENTS - SOLAR										
	MOCKSV LLE	06-2046	40-S2.5	*	(11)	101,358.46	12,507	100,001	4,248	4.19	23.5
	MONROE	06-2047	40-S2.5	*	(14)	2,711,075.87	333,829	2,756,797	113,169	4.17	24.4
	GASTON	06-2050	40-S2.5	*	(12)	419,744.32	16,928	453,186	16,564	3.95	27.4
	MA DEN CREEK	06-2051	40-S2.5	*	(17)	4 698 133.36	65 987	5 430 829	191 496	4.08	28.4
	TOTAL STRUCTURES AND IMPROVEMENTS - SOLAR					7,930,312.01	429,251	8,740,813	325,477	4.10	26.9
342.00	FUEL HOLDERS, PRODUCERS AND ACCESSOR ES										
	L NCOLN CTS	12-2040	50-R2.5	*	(9)	12,968,503.88	9,307,903	4,827,766	284,676	2.20	17.0
	DAN RIVER COMBINED CYCLE	06-2052	50-R2.5	*	(12)	21,771,640.02	6,390,989	17,993,248	640,563	2.94	28.1
	LEE CTS	06-2047	50-R2.5	*	(11)	177,613.33	20,351	176,800	7,197	4.05	24.6
	MILL CREEK CTS	06-2043	50-R2.5	*	(8)	15,154,441.19	8,986,267	7,380,529	375,982	2.48	19.6
	ROCK NGHAM CTS	06-2040	50-R2.5	*	(4)	426,120.24	137,154	306,011	17,046	4.00	18.0
	BUCK COMBINED CYCLE	06-2051	50-R2.5	*	(11)	30,439,399.77	10,245,519	23,542,215	868,927	2.85	27.1
	LEE COMB NED CYCLE	06-2058	50-R2.5	*	(12)	16,546,971.65	1,946,190	16,586,418	493,320	2.98	33.6
	CLEMSON COMB NE HEAT AND POWER PLANT	12-2059	50-R2.5	*	(13)	1 223 118.39	103 126	1 278 998	36 606	2.99	34.9
	TOTAL FUEL HOLDERS, PRODUCERS AND ACCESSORIES					98,707,808.47	37,137,499	72,091,985	2,724,317	2.76	26.5

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page63 of 644

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
343.00	PR ME MOVERS										
	L NCOLN CTS	12-2040	40-R1.5	*	(9)	257,522,092.99	202,549,282	78,149,799	4,994,883	1.94	15.6
	DAN RIVER COMBINED CYCLE	06-2052	40-R1.5	*	(12)	160,795,156.81	53,671,483	126,419,093	4,974,934	3.09	25.4
	LEE CTS	06-2047	40-R1.5	*	(11)	57,929,944.79	29,687,704	34,614,535	1,624,313	2.80	21.3
	MILL CREEK CTS	06-2043	40-R1.5	*	(8)	184,343,824.55	123,931,520	75,159,811	4,215,772	2.29	17.8
	ROCK NGHAM CTS	06-2040	40-R1.5	*	(4)	93,721,063.65	24,835,004	72,634,902	4,214,259	4.50	17.2
	BUCK COMBINED CYCLE	06-2051	40-R1.5	*	(11)	160,808,479.70	58,381,320	120,116,092	4,885,731	3.04	24.6
	LEE COMB NED CYCLE	06-2058	40-R1.5	*	(12)	125,760,508.54	16,735,750	124,116,020	4,113,514	3.27	30.2
	CLEMSON COMB NE HEAT AND POWER PLANT	12-2059	40-R1.5	*	(13)	12,233,142.17	1,174,009	12,649,442	404,497	3.31	31.3
	TOTAL PRIME MOVERS					1,053,114,213.20	510,966,072	643,859,694	29,427,903	2.79	21.9
343.10	PR ME MOVERS - ROTABLE PARTS										
	DAN RIVER COMBINED CYCLE	06-2052	6-L4	*	40	45,680,461.11	8,195,685	19,212,592	7,536,781	16.50	2.5
	BUCK COMBINED CYCLE	06-2051	6-L4	*	40	42,161,013.52	7,143,141	18,153,467	6,558,741	15.56	2.8
	LEE COMB NED CYCLE	06-2058	6-L4	*	40	43,400,555.46	8,645,654	17,394,679	6,677,352	15.39	2.6
	CLEMSON COMB NED HEAT AND POWER PLANT	12-2059	6-L4	*	40	717,644.23	105,016	325,571	92,755	12.92	3.5
	TOTAL PRIME MOVERS - ROTABLE PARTS					131,959,674.32	24,089,496	55,086,309	20,865,629	15.81	2.6
344.00	GENERATORS										
	L NCOLN CTS	12-2040	50-R2.5	*	(9)	78,436,794.27	49,286,278	36,209,828	2,149,369	2.74	16.8
	DAN RIVER COMBINED CYCLE	06-2052	50-R2.5	*	(12)	238,495,959.86	64,911,277	202,204,198	7,231,383	3.03	28.0
	LEE CTS	06-2047	50-R2.5	*	(11)	64,368.81	16,372	55,077	2,280	3.54	24.2
	MILL CREEK CTS	06-2043	50-R2.5	*	(8)	1,054,904.05	197,724	941,572	45,231	4.29	20.8
	ON-SITE D ESEL GENERATORS	06-2028	50-R2.5	*	0	24,882,742.61	10,760,568	14,122,175	2,187,749	8.79	6.5
	ROCK NGHAM CTS	06-2040	50-R2.5	*	(4)	220,840,811.69	122,428,609	107,245,835	6,307,780	2.86	17.0
	BUCK COMBINED CYCLE	06-2051	50-R2.5	*	(11)	231,370,373.00	68,711,516	188,109,598	6,957,747	3.01	27.0
	LEE COMB NED CYCLE	06-2058	50-R2.5	*	(12)	214,214,900.89	21,631,396	218,289,293	6,492,644	3.03	33.6
	CLEMSON COMB NED HEAT AND POWER PLANT	12-2059	50-R2.5	*	(13)	857,083.53	59,828	908,676	25,993	3.03	35.0
	TOTAL GENERATORS					1,010,217,938.71	338,003,568	768,086,252	31,400,176	3.11	24.5
344.66	GENERATORS - SOLAR										
	COMMUNITY - SMALL		20-S2.5		0	28,057,290.48	15,141,142	12,916,148	1,370,248	4.88	9.4
	MOCKSV LLE	06-2046	25-S2.5	*	(11)	29,394,130.26	7,596,748	25,030,737	1,350,067	4.59	18.5
	MONROE	06-2047	25-S2.5	*	(14)	91,561,245.87	19,909,175	84,470,645	4,324,971	4.72	19.5
	WOODLEAF	06-2048	25-S2.5	*	(12)	13,905,690.52	2,316,184	13,258,189	646,109	4.65	20.5
	GASTON	06-2050	25-S2.5	*	(12)	33,742,748.79	2,408,869	35,383,010	1,571,182	4.66	22.5
	MA DEN CREEK	06-2051	25-S2.5	*	(17)	75,170,133.59	1,868,934	86,080,122	3,659,869	4.87	23.5
	TOTAL GENERATORS - SOLAR					271,831,239.51	49,241,052	257,138,851	12,922,446	4.75	19.9
345.00	ACCESSORY ELECTRIC EQUIPMENT										
	L NCOLN CTS	12-2040	45-R1.5	*	(9)	26,803,108.36	21,000,419	8,214,969	498,948	1.86	16.5
	DAN RIVER COMBINED CYCLE	06-2052	45-R1.5	*	(12)	48,409,540.30	16,588,259	37,630,426	1,429,549	2.95	26.3
	LEE CTS	06-2047	45-R1.5	*	(11)	1,467,539.85	232,452	1,396,517	59,662	4.07	23.4
	MILL CREEK CTS	06-2043	45-R1.5	*	(8)	17,535,996.82	10,389,010	8,549,867	448,398	2.56	19.1
	ROCK NGHAM CTS	06-2040	45-R1.5	*	(4)	2,095,877.31	925,773	1,253,939	72,816	3.47	17.2
	BUCK COMBINED CYCLE	06-2051	45-R1.5	*	(11)	48,520,138.14	18,302,811	35,554,542	1,395,620	2.88	25.5
	LEE COMB NED CYCLE	06-2058	45-R1.5	*	(12)	37,322,855.60	4,958,697	36,842,901	1,175,587	3.15	31.3
	CLEMSON COMB NED HEAT AND POWER PLANT	12-2059	45-R1.5	*	(13)	4,220,737.38	399,329	4,370,104	134,413	3.18	32.5
	TOTAL ACCESSORY ELECTRIC EQUIPMENT					186,375,793.76	72,796,750	133,813,265	5,214,993	2.80	25.7

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page64 of 64

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
345.66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR										
	COMMUNITY - SMALL		20-S2.5		0	988,895.09	365,264	623,631	57,824	5.85	10.8
	MOCKSV LLE	06-2046	25-S2.5	*	(11)	2,281,560.00	463,277	2,069,255	111,610	4.89	18.5
	MONROE	06-2047	25-S2.5	*	(14)	12,869,692.16	2,199,058	12,472,391	638,627	4.96	19.5
	GASTON	06-2050	25-S2.5	*	(12)	4,608,876.97	258,481	4,903,461	217,738	4.72	22.5
	MA DEN CREEK	06-2051	25-S2.5	*	(17)	6,577,386.69	128,471	7,567,071	321,729	4.89	23.5
	TOTAL ACCESSORY ELECTRIC EQUIPMENT - SOLAR					27,326,410.91	3,414,551	27,635,809	1,347,528	4.93	20.5
346.00	MISCELLANEOUS POWER PLANT EQUIPMENT										
	L NCOLN CTS	12-2040	40-R2	*	(9)	5,795,202.14	1,993,305	4,323,465	253,019	4.37	17.1
	DAN RIVER COMBINED CYCLE	06-2052	40-R2	*	(12)	9,431,237.99	2,065,966	8,497,021	326,513	3.46	26.0
	LEE CTS	06-2047	40-R2	*	(11)	1,021,167.95	156,502	976,994	41,929	4.11	23.3
	MILL CREEK CTS	06-2043	40-R2	*	(8)	3,716,236.31	1,505,574	2,507,961	135,168	3.64	18.6
	ROCK NGHAM CTS	06-2040	40-R2	*	(4)	1,653,414.18	479,820	1,239,731	72,011	4.36	17.2
	BUCK COMBINED CYCLE	06-2051	40-R2	*	(11)	12,646,704.57	2,768,731	11,269,111	443,670	3.51	25.4
	LEE COMB NED CYCLE	06-2058	40-R2	*	(12)	6,591,238.29	610,093	6,772,094	219,142	3.32	30.9
	CLEMSON COMB NED HEAT AND POWER PLANT	12-2059	40-R2	*	(13)	2,217,373.33	154,790	2,350,842	73,439	3.31	32.0
	LARK MAINTENANCE FACILITY	12-2059	40-R2	*	(5)	14,397,254.22	1,336,248	13,780,869	437,502	3.04	31.5
	SHARED DEPARTMENT PLANT	12-2059	40-R2	*	(5)	79,121.31	12,346	70,731	2,327	2.94	30.4
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT					57,548,950.29	11,083,375	51,788,819	2,004,720	3.48	25.8
346.66	MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR										
	MOCKSV LLE	06-2046	35-R2.5	*	(11)	16,512.10	577	17,751	770	4.66	23.1
	MONROE	06-2047	35-R2.5	*	(14)	269,581.78	24,788	282,535	11,923	4.42	23.7
	WOODLEAF	06-2048	35-R2.5	*	(12)	4,928.26	164	5,356	217	4.40	24.7
	MA DEN CREEK	06-2051	35-R2.5	*	(17)	11,626.35	361	13,242	493	4.24	26.9
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT - SOLAR					302,648.49	25,890	318,884	13,403	4.43	23.8
	TOTAL OTHER PRODUCTION PLANT					**3,393,027,734.44**	**1,165,396,347**	**2,507,889,977**	**123,027,119**	**3.63**	
	TOTAL PRODUCTION					**23,586,652,397.56**	**10,002,841,170**	**15,109,907,326**	**927,989,264**	**3.93**	
	TRANSMISSION PLANT										
352.00	STRUCTURES AND MPROVEMENTS		43-R2		(10)	189,425,365.57	17,119,876	191,248,026	5,360,600	2.83	35.7
353.00	STATION EQU PMENT		45-R1.5		(15)	2,307,608,515.50	596,629,900	2,057,119,893	58,994,987	2.56	34.9
354.00	TOWERS AND FIXTURES		70-R2.5		(40)	651,521,544.12	327,356,686	584,773,476	11,347,782	1.74	51.5
355.00	POLES AND FIXTURES		48-R1		(40)	662,736,804.83	133,790,128	794,041,399	19,534,549	2.95	40.6
356.00	OVERHEAD CONDUCTORS AND DEVICES		60-R2.5		(40)	944,879,898.86	374,867,240	947,964,618	20,227,497	2.14	46.9
357.00	UNDERGROUND CONDUIT		55-S4		0	154,590.42	90,840	63,750	1,981	1.28	32.2
358.00	UNDERGROUND CONDUCTOR AND DEVICES		40-S2		0	12,171,599.33	(1,819,362)	13,990,961	377,688	3.10	37.0
359.00	ROADS AND TRA LS		65-R4		0	42,238.00	19,939	22,299	612	1.45	36.4
	TOTAL TRANSMISSION PLANT					**4,768,540,556.63**	**1,448,055,247**	**4,589,224,422**	**115,845,696**	**2.43**	
	DISTRIBUTION PLANT										
361.00	STRUCTURES AND MPROVEMENTS		45-S0.5		(10)	178,576,484.84	21,563,467	174,870,666	4,610,396	2.58	37.9
362.00	STATION EQU PMENT		45-R1		(15)	1,705,256,083.30	578,861,414	1,382,183,082	37,353,307	2.19	37.0
364.00	POLES, TOWERS AND FIXTURES		52-R2		(50)	1,840,292,393.01	859,121,749	1,901,316,841	50,840,906	2.76	37.4
364.10	POLES, TOWERS AND FIXTURES - STORM SECURITIZATION		FULLY ACCRUED			6,687,318.00	6,687,318	0	0	-	-
365.00	OVERHEAD CONDUCTORS AND DEVICES		52-R0.5		(30)	2,672,397,506.07	843,861,451	2,630,255,307	59,736,924	2.24	44.0
365.10	OVERHEAD CONDUCTORS AND DEVICES - STORM SECURITIZATION		FULLY ACCRUED			6,179,207.00	6,179,207	0	0	-	-

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page65 of 644

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
366.00	UNDERGROUND CONDUIT		65-R3	(20)	269,930,643.42	126,940,065	196,976,707	3,961,232	1.47	49.7
367.00	UNDERGROUND CONDUCTORS AND DEVICES		54-R3	(20)	2,592,327,368.78	904,892,035	2,205,900,808	53,838,888	2.08	41.0
368.00	LINE TRANSFORMERS		45-R1.5	(15)	1,837,487,386.41	689,085,795	1,424,024,699	42,950,247	2.34	33.2
368.10	LINE TRANSFORMERS - STORM SECURITIZATON		FULLY ACCRUED		4,855,160.00	4,855,160	0	0	-	-
369.00	SERVICES		55-R1.5	(25)	1,273,824,829.52	633,947,467	958,333,570	21,272,013	1.67	45.1
370.00	METERS AND METERING EQUIPMENT		13-L0	0	113,584,604.63	70,640,944	42,943,661	6,813,178	6.00	6.3
370.02	METERS - UTILITY OF THE FUTURE		15-S2.5	0	475,170,483.33	137,434,853	337,735,630	29,585,455	6.23	11.4
371.00	NSTALLATIONS ON CUSTOMERS' PREMISES		35-R1	(5)	1,063,691,891.11	289,452,962	827,423,524	30,739,949	2.89	26.9
373.00	STREET LIGHT NG AND SIGNAL SYSTEMS		36-R0.5	(10)	357,015,452.65	94,732,839	297,984,159	10,061,953	2.82	29.6
	TOTAL DISTRIBUTION PLANT				**14,397,276,812.07**	**5,268,256,726**	**12,379,948,654**	**351,764,448**	**2.44**	
	GENERAL PLANT									
390.00	STRUCTURES AND MPROVEMENTS		40-S0.5	(10)	733,020,114.59	191,602,575	614,719,551	19,940,975	2.72	30.8
391.00	OFFICE FURNITURE AND EQUIPMENT									
	FULLY ACCRUED				990,281.00	990,281	0	0	-	-
	AMORTIZTED		15-SQ	0	65 102 205.27	19 376 390	45 725 815	4 340 147	6.67	10.5
	TOTAL OFFICE FURNITURE AND EQU PMENT				66,092,486.27	20,366,671	45,725,815	4,340,147	6.57	10.5
391.10	OFFICE FURNITURE AND EQUIPMENT - EDP		8-SQ	0	110,038,171.17	49,853,815	60,184,356	13,754,006	12.50	4.4
	TRANSPORTATION EQU PMENT									
392.10	PASSENGER CARS AND STATION WAGONS		5-S2 5	10	60,171.57	54,154	0	0	-	-
392.11	LIGHT TRUCKS		6-L3	10	2,226,721.16	2,004,049	0	0	-	-
392.12	MEDIUM TRUCKS		8-L2	10	587,271.36	393,933	134,611	24,344	4.15	5.5
392.13	HEAVY TRUCKS		10-L2	10	1,387,718.84	1,248,947	0	0	-	-
392.15	HEAVY TRUCKS / POWER EQUIPPED		10-L2	10	2,379,104.11	2,141,194	0	0	-	-
392.16	TRACTORS		13-L3	10	65,897.00	59,307	0	0	-	-
392.18	TRAILERS		16-L0 5	10	8 825 717.60	3 378 106	4 565 040	322 109	3.65	14.2
	TOTAL TRANSPORTATION EQUIPMENT				15,532,601.64	9,279,690	4,699,651	346,453	2.23	13.6
393.00	STORES EQU PMENT									
	FULLY ACCRUED				1,082,455.00	1,082,455	0	0	-	-
	AMORTIZTED		20-SQ	0	14 999 971.69	3 357 515	11 642 457	749 336	5.00	15.5
	TOTAL STORES EQUIPMENT				16,082,426.69	4,439,970	11,642,457	749,336	4.66	15.5
394.00	TOOLS,SHOP AND GARAGE EQUIPMENT									
	FULLY ACCRUED				1,168,696.00	1,168,696	0	0	-	-
	AMORTIZTED		20-SQ	0	127 624 761.14	35 836 360	91 788 401	6 382 334	5.00	14.4
	TOTAL TOOLS, SHOP AND GARAGE EQUIPMENT				128,793,457.14	37,005,056	91,788,401	6,382,334	4.96	14.4
395.00	LABORATORY EQU PMENT		15-SQ	0	2,813,355.73	1,344,140	1,469,216	187,668	6.67	7.8
	POWER OPERATED EQU PMENT									
396.04	MOBILE CRANES		19-S1.5	10	2,021,360.07	1,237,278	581,946	31,960	1.58	18.2
396.07	MISCELLANEOUS NON-HIGHWAY EQUIPMENT		13-L2 5	10	2,407,208.51	1,008,794	1,157,694	99,729	4.14	11.6
396.09	MISCELLANEOUS EQUIPMENT		13-L2 5	10	14 611 553.60	10 619 436	2 530 962	218 343	1.49	11.6
	TOTAL POWER OPERATED EQUIPMENT				19,040,122.18	12,865,508	4,270,602	350,032	1.84	12.2

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page66 of 644

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
397.00	COMMUNICATION EQU PMENT										
	FULLY ACCRUED					162,306.69	162,307	0	0	-	-
	AMORTIZTED		10-SQ		0	254,854,594.30	73,604,050	181,250,544	25,492,774	10.00	7.1
	TOTAL COMMUNICATION EQUIPMENT					255,016,900.99	73,766,357	181,250,544	25,492,774	10.00	7.1
398.00	MISCELLANEOUS EQU PMENT		20-SQ		0	15,146,583.14	3,729,200	11,417,383	757,844	5.00	15.1
	TOTAL GENERAL PLANT					**1,361,576,219.54**	**404,252,982**	**1,027,167,976**	**72,301,569**	**5.31**	
	DEPRECIABLE LAND RIGHTS										
310.00	RIGHTS OF WAY										
	MARSHALL	12-2032	100-R4	*	0	452,636.00	452,636	0	0	-	-
	BELEWS CREEK	12-2035	100-R4	*	0	1,543,811.00	1,547,854	(4,043)	0	-	-
	LEE	03-2022	100-R4	*	0	3,106.00	3,106	0	0	-	-
	ALLEN	12-2023	100-R4	*	0	4,303.00	4,303	0	0	-	-
	TOTAL ACCOUNT 310					2,003,856.00	2,007,899	(4,043)	0	-	-
320.00	RIGHTS OF WAY										
	OCONEE	07-2054	100-R4	*	0	425,003.00	348,441	76,562	2,544	0.60	30.1
	MCGUIRE	03-2063	100-R4	*	0	74,882.00	49,041	25,841	663	0.89	39.0
	CATAWBA	12-2063	100-R4	*	0	456,656.68	264,750	191,907	4,748	1.04	40.4
	TOTAL ACCOUNT 320					956,541.68	662,232	294,310	7,955	0.83	37.0
330.00	RIGHTS OF WAY										
	COWANS FORD	10-2055	110-R4	*	0	6,881,547.00	5,451,053	1,430,494	45,211	0.66	31.6
	BAD CREEK	07-2067	110-R4	*	0	723,692.00	362,929	360,763	8,105	1.12	44.5
	JOCASSEE	08-2046	110-R4	*	0	436,179.00	350,311	85,868	3,548	0.81	24.2
	KEOWEE	08-2046	110-R4	*	0	12,071,075.00	10,079,922	1,991,153	82,861	0.69	24.0
	FISHING CREEK	10-2055	110-R4	*	0	35,796.00	35,796	0	0	-	-
	BRIDGEWATER	10-2055	110-R4	*	0	393,705.00	393,705	0	0	-	-
	LOOKOUT SHOALS	10-2055	110-R4	*	0	7,426.00	7,426	0	0	-	-
	MOUNTAIN ISLAND	10-2055	110-R4	*	0	323,913.00	323,301	612	18	0.01	34.0
	99 ISLANDS	05-2036	110-R4	*	0	17,102.00	17,102	0	0	-	-
	OXFORD	10-2055	110-R4	*	0	695,790.00	680,788	15,002	657	0.09	22.8
	RHODHISS	10-2055	110-R4	*	0	199,929.00	198,870	1,059	49	0.02	21.6
	WATEREE	10-2055	110-R4	*	0	204,111.00	204,111	0	0	-	-
	WYL E	10-2055	110-R4	*	0	1,189,441.24	1,178,412	11,029	358	0.03	30.8
	NPL BEAR CREEK	04-2041	110-R4	*	0	435.00	424	11	0	-	-
	NPL NANTAHALA	01-2042	110-R4	*	0	80,304.00	80,304	0	0	-	-
	NPL QUEENS CREEK	02-2032	110-R4	*	0	5,782.00	5,782	0	0	-	-
	NPL TENNESSEE CREEK	04-2041	110-R4	*	0	711.00	696	15	1	0.14	15.0
	NPL THORPE	04-2041	110-R4	*	0	47,127.00	47,127	0	0	-	-
	NPL TUCKASEGEE	04-2041	110-R4	*	0	1 518.00	1 518	0	0	-	-
	TOTAL ACCOUNT 330					23,315,583.24	19,419,577	3,896,006	140,808	0.60	27.7
340.00	RIGHTS OF WAY										
	DAN RIVER	06-2052	65-R4	*	0	7 693.00	4 126	3 567	323	4.20	11.0
	TOTAL ACCOUNT 340					7,693.00	4,126	3,567	323	4.20	11.0

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page67 of 644

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT		CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)=(8)/(5)	(10)=(7)/(8)
350.00	RIGHTS OF WAY		80-R4	0	163,883,263.74	82,968,907	80,914,357	1,665,627		1.02	48.6
360.00	RIGHTS OF WAY		80-R3	0	9,328,937.43	1,988,129	7,340,808	116,031		1.24	63.3
360 20	LAND RIGHTS		80-R3	0	561,560.00	315,443	246,117	6,879		1.22	35.8
389.00	RIGHTS OF WAY		65-R3	0	550,127.03	255,293	294,834	7,198		1.31	41.0
389 20	LAND RIGHTS		65-R3	0	165.00	82	83	2		1.21	41.5
	TOTAL DEPRECIABLE LAND RIGHTS				**200,607,727.12**	**107,621,688**	**92,986,039**	**1,944,823**		**0.97**	
	RESERVE ADJUSTMENT FOR AMORTIZATION										
391.00	OFFICE FURNITURE AND EQUIPMENT					6,102,422		(1,220,484)	***		
391.10	OFFICE FURNITURE AND EQUIPMENT - EDP					11,798,132		(2,359,626)	***		
393.00	STORES EQU PMENT					1,981,666		(396,333)	***		
394.00	TOOLS,SHOP AND GARAGE EQUIPMENT					11,548,499		(2,309,700)	***		
395.00	LABORATORY EQU PMENT					1,078,366		(215,673)	***		
397.00	COMMUNICATION EQU PMENT					23,424,173		(4,684,835)	***		
398.00	MISCELLANEOUS EQU PMENT					(575 929)		115 186	***		
	TOTAL RESERVE ADJUSTMENT FOR AMORTIZATION					**55,357,329**		**(11,071,465)**			
	TOTAL DEPRECIABLE PLANT				**44,314,653,712.92**	**17,286,385,142**	**33,199,234,417**	**1,458,774,335**		**3.29**	
	NONDEPRECIABLE PLANT AND ACCOUNTS NOT STUDIED										
302.00	FRANCHISES AND CONSENTS				227,565,131.14	28,406,305					
302.01	NPL FEASIB LITY					7,141,104					
303.00	MISCELLANEOUS INTANGIBLE PLANT				759,270,855.43	659,642,804					
303.02	NUCLEAR LICENS NG				23,189,486.92						
303.03	MISCELLANEOUS INTANGIBLE PLANT - 3 YEAR				5,696,947.99	2,553,925					
303.10	MISCELLANEOUS INTANGIBLE PLANT - 10 YEAR				83,179,232.74	35,473,530					
303.15	MISCELLANEOUS INTANGIBLE PLANT - 15 YEAR				107,275,313.08	4,766,581					
310.00	LAND				30,190,717.37	(58,298)					
311.01	STRUCTURES AND IMPROVEMENTS - CAPITAL LEASE				247,966,243.72	31,872,911					
312.01	BOILER PLANT EQUIPMENT - OPERATING LEASE				48,960,278.00	17,646,410					
317.00	ARO				2,065,695,352.01	587,376,546					
320.00	LAND				2,084,901.52						
326.00	ARO				(251,515,769.00)	(120,161,386)					
330.00	LAND				29,429,357.01	(328,912)					
340.00	LAND				9,254,621.56						
342.02	FUEL HOLDERS, PRODUCERS AND ACCESSOR ES - CAPITAL LEASE				86,697,396.14	14,841,864					
347.00	ARO				22,158,763.84	3,068,432					
350.00	LAND				40,032,550.61	(849,949)					
352.00	STRUCTURES AND MPROVEMENTS - OPERATING LEASE					346,857					
360.00	LAND				73,735,941.39	(251,940)					
389.00	LAND				62,322,523.93	(1,558)					
389.00	LAND - OPERAT NG LEASE					671,899					
390.00	STRUCTURES AND MPROVEMENTS - OPERATING LEASE					36,574,005					
399.00	ARO				(931 335.11)	38 931					
	TOTAL NONDEPRECIABLE PLANT				**3,672,258,510.29**	**1,308,770,061**					

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page68 of 642

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

ACCOUNT		PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
	ACCOUNTS NOT STUDIED									
352 99	STRUCTURES AND MPROVEMENTS - IMPA RMENT				(2,720,671.88)					
353 99	STATION EQU PMENT - MPAIRMENT				(5,526,364.55)					
354 99	TOWERS AND FIXTURES - IMPA RMENT				(85,021.04)					
355 99	POLES AND FIXTURES - IMPAIRMENT				(85,020.96)					
356 99	OVERHEAD CONDUCTORS AND DEVICES - IMPAIRMENT				(85,021.01)					
	TOTAL ACCOUNTS NOT STUDIED				**(8,502,099.44)**					
	TOTAL ELECTRIC PLANT				**47,978,410,123.77**	**18,595,155,203**				

* Curve shown is interim survivor curve. Each facility in the account is assigned an individual probable retirement year.
** Annual Accrual Amount calculated based on remaining amortization period of 11 58 years (August 2033 which is 15 years from implementation).
*** 5 year Amortization of Adjusted Reserve related to implementation of Amortization Accounting.

Note: Assets in Account 390.10 (Structures and Improvements - Duke Energy Plaza) will use an Accrual Rate of 1 85% based on a 100-S1 Survivor Curve, negative 5% Net Salvage and a 60-year Lifespan.

Accrual rates for Lincoln Unit 17 to be acquired based on a existing Account/ Location life estimates and negative 5% net salvage will be as follows:

Account	Rate
341.00	4.03
342.00	4.15
343.00	4 52
344.00	4.15
345.00	4 38
346.00	4.45

Accrual rates for new Battery Storage Assets based on a 15-L3 survivor curve and 0% net salvage will be as follows:

Account	Rate
348.00	6 90
351.00	6 90
363.00	6 90

Accrual rates for new EV Charging Assets based on a 10-S3 survivor curve and negative 2% net salvage will be as follows:

Account	Rate
370.70	10.74
394.70	10.74

Accrual rates for new EV Charging Level 2 Assets based on a 10-S4 survivor curve and negative 1% net salvage will be as follows:

Account	Rate
371.70	10.63
394.72	10.63

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page69 of 642
Sep 22 2023
OFFICIAL COPY

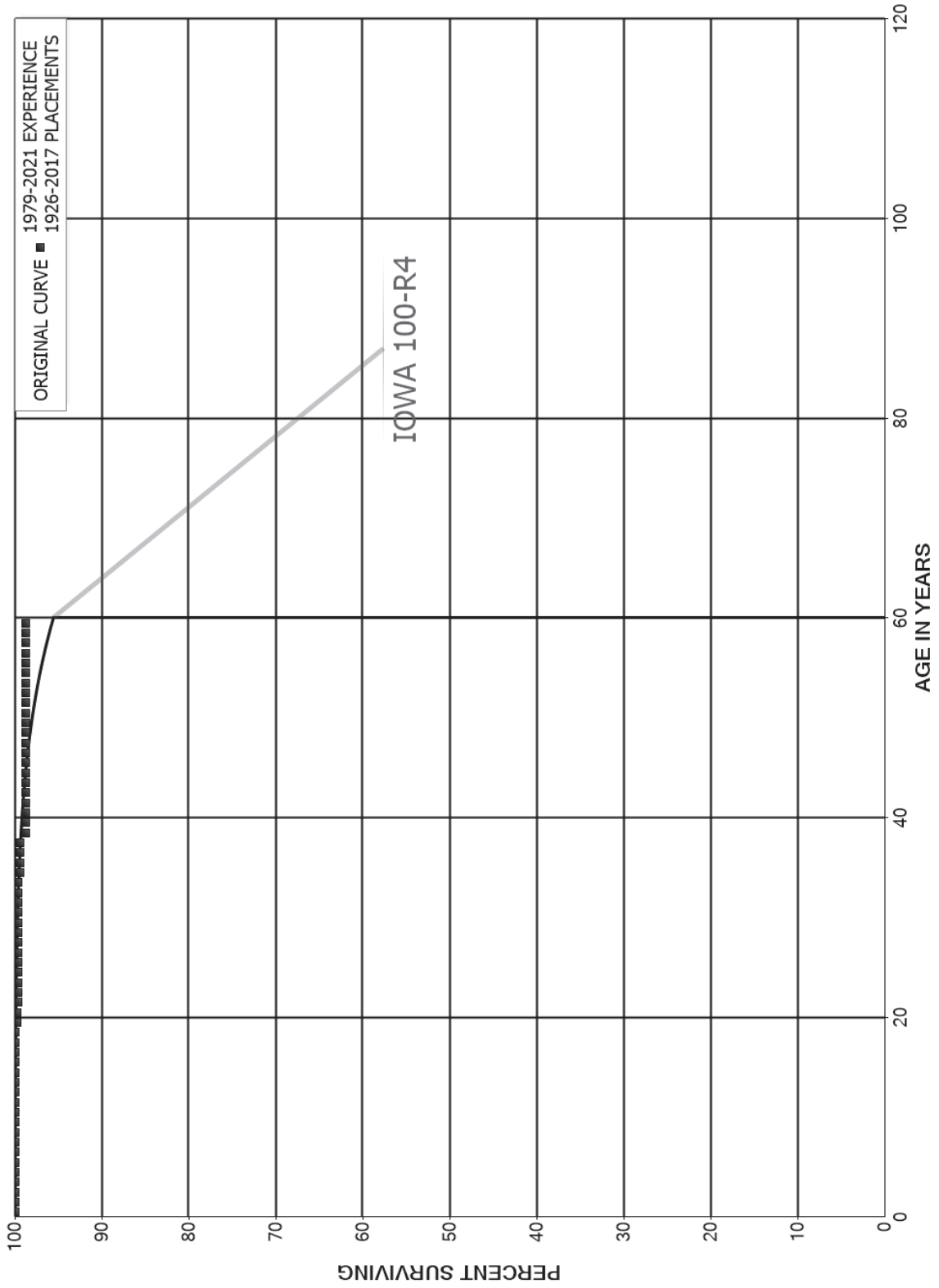
OFFICIAL COPY

Sep 22 2023

PART VII. SERVICE LIFE STATISTICS

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 310.00 RIGHTS OF WAY
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 310.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2017 EXPERIENCE BAND 1979-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	18,445		0.0000	1.0000	100.00
0.5	18,445		0.0000	1.0000	100.00
1.5	12,342		0.0000	1.0000	100.00
2.5	557		0.0000	1.0000	100.00
3.5	80,820		0.0000	1.0000	100.00
4.5	1,412,609		0.0000	1.0000	100.00
5.5	1,543,884		0.0000	1.0000	100.00
6.5	1,543,884		0.0000	1.0000	100.00
7.5	1,543,884		0.0000	1.0000	100.00
8.5	1,543,884		0.0000	1.0000	100.00
9.5	1,543,884		0.0000	1.0000	100.00
10.5	1,548,955		0.0000	1.0000	100.00
11.5	1,601,768		0.0000	1.0000	100.00
12.5	1,607,774		0.0000	1.0000	100.00
13.5	1,607,774		0.0000	1.0000	100.00
14.5	1,609,464		0.0000	1.0000	100.00
15.5	2,062,100		0.0000	1.0000	100.00
16.5	2,066,100		0.0000	1.0000	100.00
17.5	2,066,100		0.0000	1.0000	100.00
18.5	2,068,856	6,006	0.0029	0.9971	100.00
19.5	2,062,850		0.0000	1.0000	99.71
20.5	2,062,850	1,690	0.0008	0.9992	99.71
21.5	2,061,369		0.0000	1.0000	99.63
22.5	2,061,796		0.0000	1.0000	99.63
23.5	2,061,796		0.0000	1.0000	99.63
24.5	2,061,796	500	0.0002	0.9998	99.63
25.5	2,061,296		0.0000	1.0000	99.60
26.5	2,061,296		0.0000	1.0000	99.60
27.5	2,061,296		0.0000	1.0000	99.60
28.5	2,061,296		0.0000	1.0000	99.60
29.5	2,061,296		0.0000	1.0000	99.60
30.5	2,064,604		0.0000	1.0000	99.60
31.5	2,079,367		0.0000	1.0000	99.60
32.5	2,082,404		0.0000	1.0000	99.60
33.5	2,082,404	5,071	0.0024	0.9976	99.60
34.5	2,077,333		0.0000	1.0000	99.36
35.5	2,076,833		0.0000	1.0000	99.36
36.5	2,072,833		0.0000	1.0000	99.36
37.5	2,072,833	14,309	0.0069	0.9931	99.36
38.5	2,058,524		0.0000	1.0000	98.68

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 310.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017 EXPERIENCE BAND 1979-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	2,058,524		0.0000	1.0000	98.68
40.5	2,058,524		0.0000	1.0000	98.68
41.5	2,058,524		0.0000	1.0000	98.68
42.5	2,007,258		0.0000	1.0000	98.68
43.5	2,007,258		0.0000	1.0000	98.68
44.5	2,007,258		0.0000	1.0000	98.68
45.5	2,007,258		0.0000	1.0000	98.68
46.5	1,930,995		0.0000	1.0000	98.68
47.5	463,447		0.0000	1.0000	98.68
48.5	463,447		0.0000	1.0000	98.68
49.5	463,447		0.0000	1.0000	98.68
50.5	461,900		0.0000	1.0000	98.68
51.5	461,900		0.0000	1.0000	98.68
52.5	461,900		0.0000	1.0000	98.68
53.5	461,900		0.0000	1.0000	98.68
54.5	461,800		0.0000	1.0000	98.68
55.5	461,800		0.0000	1.0000	98.68
56.5	9,164		0.0000	1.0000	98.68
57.5	6,908		0.0000	1.0000	98.68
58.5	6,908		0.0000	1.0000	98.68
59.5	6,908		0.0000	1.0000	98.68
60.5	6,908		0.0000	1.0000	98.68
61.5	6,908		0.0000	1.0000	98.68
62.5	6,706		0.0000	1.0000	98.68
63.5	6,252		0.0000	1.0000	98.68
64.5	3,215		0.0000	1.0000	98.68
65.5	3,215		0.0000	1.0000	98.68
66.5	3,215		0.0000	1.0000	98.68
67.5	3,215		0.0000	1.0000	98.68
68.5	3,215		0.0000	1.0000	98.68
69.5	3,215		0.0000	1.0000	98.68
70.5	3,215		0.0000	1.0000	98.68
71.5	109		0.0000	1.0000	98.68
72.5	109		0.0000	1.0000	98.68
73.5	109		0.0000	1.0000	98.68
74.5	109		0.0000	1.0000	98.68
75.5	109		0.0000	1.0000	98.68
76.5	109		0.0000	1.0000	98.68
77.5	109		0.0000	1.0000	98.68
78.5	109		0.0000	1.0000	98.68

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

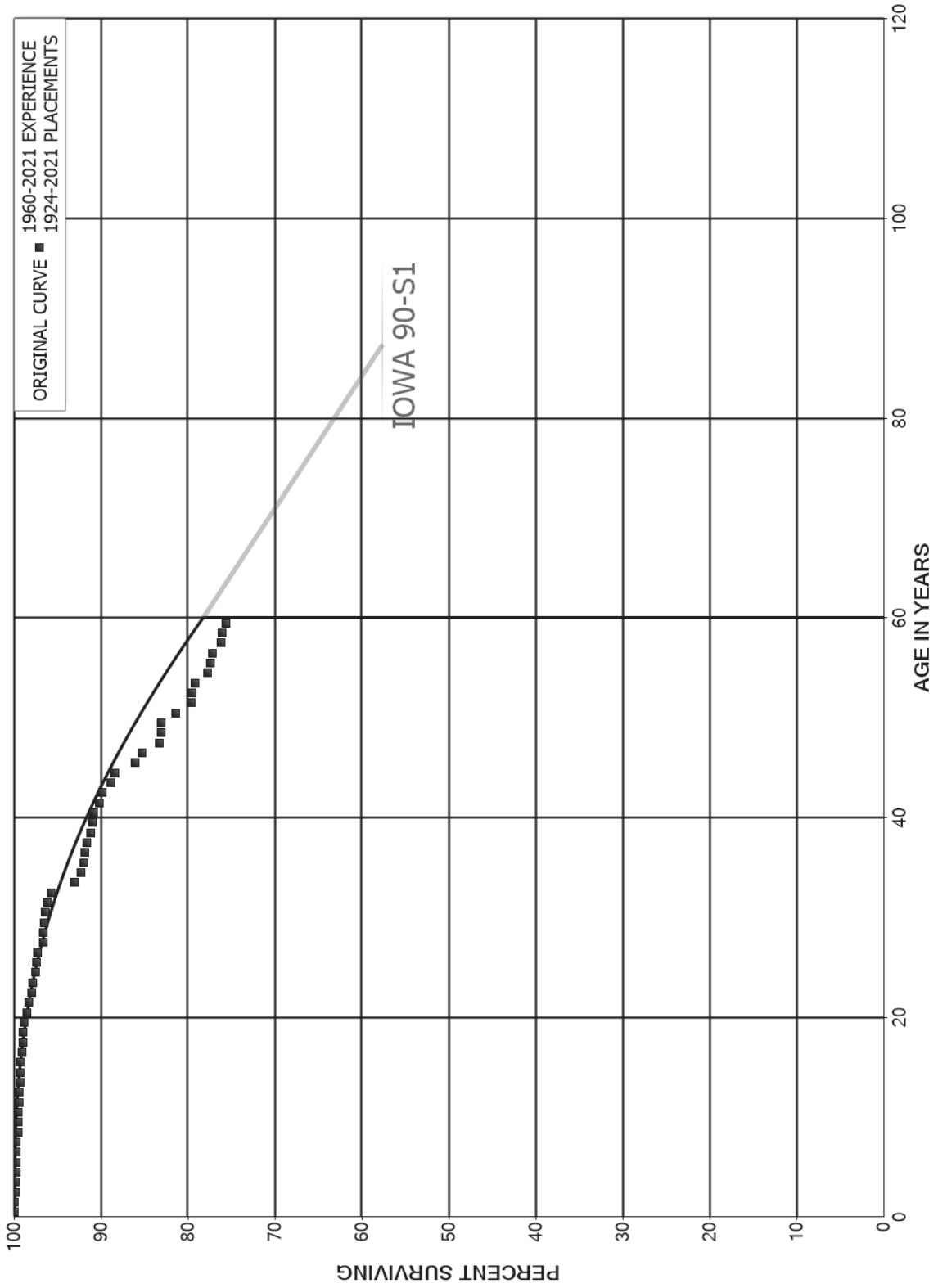
ACCOUNT 310.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2017			EXPERIENCE BAND 1979-2021		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	109		0.0000	1.0000	98.68
80.5	109		0.0000	1.0000	98.68
81.5	109		0.0000	1.0000	98.68
82.5	109		0.0000	1.0000	98.68
83.5	109		0.0000	1.0000	98.68
84.5	109		0.0000	1.0000	98.68
85.5	109		0.0000	1.0000	98.68
86.5	109		0.0000	1.0000	98.68
87.5					98.68

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,235,364,298	871,790	0.0007	0.9993	100.00
0.5	1,231,629,700	231,221	0.0002	0.9998	99.93
1.5	1,224,979,119	523,322	0.0004	0.9996	99.91
2.5	1,121,831,642	68,124	0.0001	0.9999	99.87
3.5	794,435,865	1,094,510	0.0014	0.9986	99.86
4.5	754,713,888	47,111	0.0001	0.9999	99.72
5.5	763,626,747	33,273	0.0000	1.0000	99.72
6.5	738,606,230	172,322	0.0002	0.9998	99.71
7.5	733,294,876	1,130,112	0.0015	0.9985	99.69
8.5	709,075,229	25,928	0.0000	1.0000	99.54
9.5	556,603,032	100,476	0.0002	0.9998	99.53
10.5	532,946,548	754,247	0.0014	0.9986	99.52
11.5	480,219,788	163,815	0.0003	0.9997	99.37
12.5	430,917,691	14,385	0.0000	1.0000	99.34
13.5	418,552,462	77,132	0.0002	0.9998	99.34
14.5	416,590,533	95,874	0.0002	0.9998	99.32
15.5	400,411,052	977,583	0.0024	0.9976	99.30
16.5	393,723,800	408,977	0.0010	0.9990	99.05
17.5	390,770,270	23,488	0.0001	0.9999	98.95
18.5	238,149,891	273,476	0.0011	0.9989	98.94
19.5	221,355,325	745,480	0.0034	0.9966	98.83
20.5	214,491,772	357,950	0.0017	0.9983	98.50
21.5	207,889,569	792,486	0.0038	0.9962	98.33
22.5	203,428,781	262,609	0.0013	0.9987	97.96
23.5	194,581,927	611,520	0.0031	0.9969	97.83
24.5	190,118,551	271,788	0.0014	0.9986	97.53
25.5	188,120,910	291,951	0.0016	0.9984	97.39
26.5	182,398,747	1,084,560	0.0059	0.9941	97.23
27.5	180,943,738	149,265	0.0008	0.9992	96.66
28.5	177,701,340	166,180	0.0009	0.9991	96.58
29.5	178,408,971	235,757	0.0013	0.9987	96.49
30.5	177,654,778	391,934	0.0022	0.9978	96.36
31.5	176,644,797	721,184	0.0041	0.9959	96.15
32.5	173,446,033	4,918,099	0.0284	0.9716	95.75
33.5	168,646,235	1,425,297	0.0085	0.9915	93.04
34.5	166,986,514	474,675	0.0028	0.9972	92.25
35.5	164,933,613	358,238	0.0022	0.9978	91.99
36.5	162,927,933	349,397	0.0021	0.9979	91.79
37.5	162,181,633	819,296	0.0051	0.9949	91.59
38.5	159,857,614	289,525	0.0018	0.9982	91.13

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	156,996,832	278,776	0.0018	0.9982	90.97
40.5	151,564,438	998,321	0.0066	0.9934	90.80
41.5	149,483,022	662,843	0.0044	0.9956	90.21
42.5	147,279,804	1,649,315	0.0112	0.9888	89.81
43.5	145,001,232	693,993	0.0048	0.9952	88.80
44.5	144,139,252	3,811,591	0.0264	0.9736	88.38
45.5	138,855,160	1,294,910	0.0093	0.9907	86.04
46.5	112,303,494	2,631,662	0.0234	0.9766	85.24
47.5	90,032,812	196,265	0.0022	0.9978	83.24
48.5	85,120,345	48,134	0.0006	0.9994	83.06
49.5	74,965,524	1,444,520	0.0193	0.9807	83.01
50.5	72,889,011	1,580,666	0.0217	0.9783	81.41
51.5	64,737,786	152,492	0.0024	0.9976	79.65
52.5	56,906,180	205,407	0.0036	0.9964	79.46
53.5	56,129,748	1,006,138	0.0179	0.9821	79.17
54.5	55,087,817	232,234	0.0042	0.9958	77.75
55.5	50,384,893	126,841	0.0025	0.9975	77.42
56.5	46,037,264	613,525	0.0133	0.9867	77.23
57.5	42,910,066	80,877	0.0019	0.9981	76.20
58.5	42,805,181	220,078	0.0051	0.9949	76.06
59.5	39,059,217	161,294	0.0041	0.9959	75.67
60.5	31,348,710	4,078	0.0001	0.9999	75.35
61.5	26,275,168	94,983	0.0036	0.9964	75.34
62.5	16,714,242	80,546	0.0048	0.9952	75.07
63.5	12,605,469		0.0000	1.0000	74.71
64.5	7,256,624	8,525	0.0012	0.9988	74.71
65.5	7,248,099		0.0000	1.0000	74.62
66.5	7,248,099	20,000	0.0028	0.9972	74.62
67.5	7,228,099	656	0.0001	0.9999	74.42
68.5	7,227,443	14,699	0.0020	0.9980	74.41
69.5	7,212,744	180,000	0.0250	0.9750	74.26
70.5	4,421,390	1,662	0.0004	0.9996	72.40
71.5	4,037,551		0.0000	1.0000	72.38
72.5	2,563,114	813	0.0003	0.9997	72.38
73.5	2,562,301		0.0000	1.0000	72.35
74.5	2,562,301	32,570	0.0127	0.9873	72.35
75.5	2,126,904		0.0000	1.0000	71.43
76.5	2,126,904		0.0000	1.0000	71.43
77.5	2,126,904	9,822	0.0046	0.9954	71.43
78.5	2,117,082		0.0000	1.0000	71.10

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

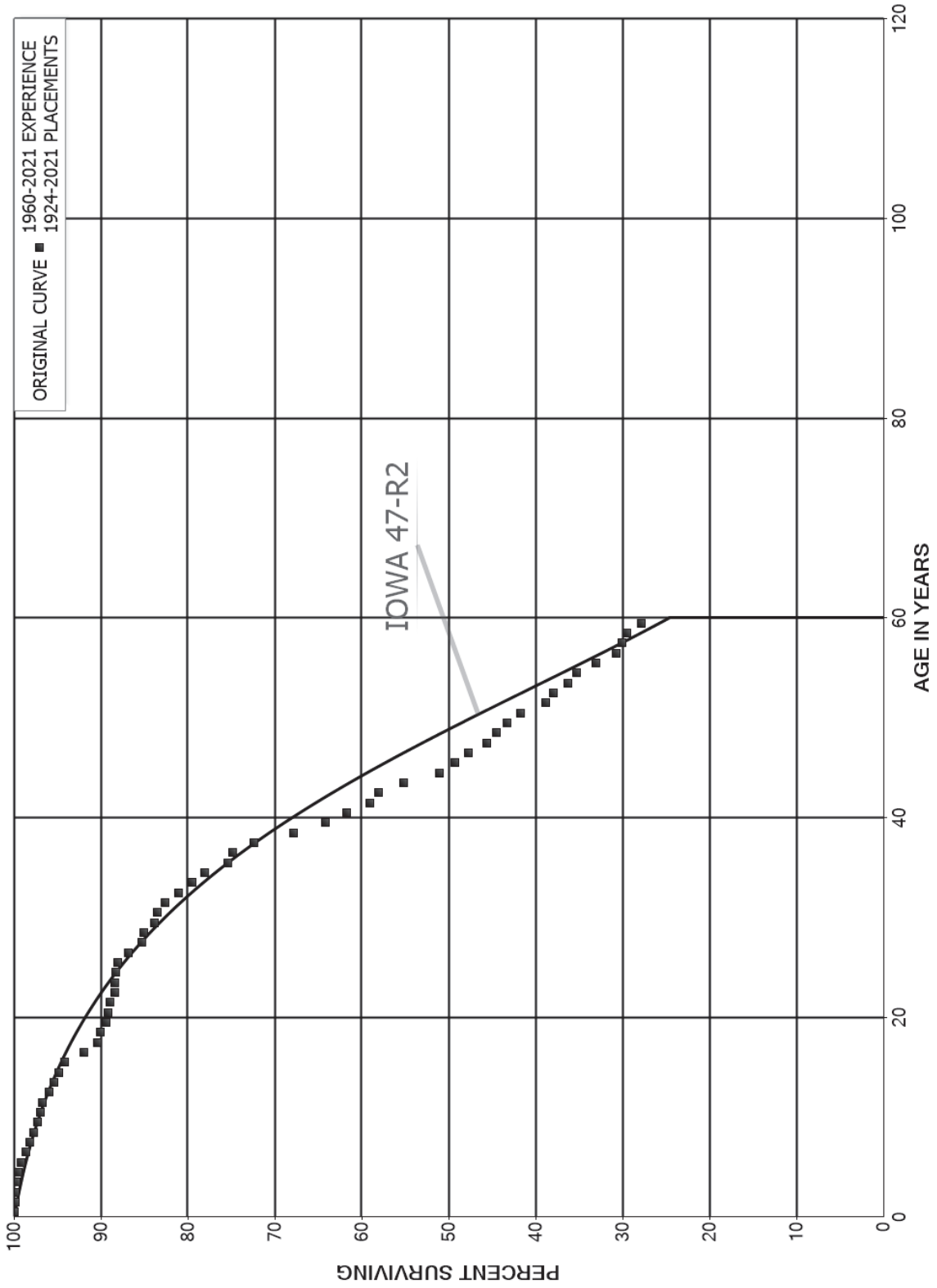
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	2,117,082		0.0000	1.0000	71.10
80.5	2,117,082		0.0000	1.0000	71.10
81.5	2,117,082	9,221	0.0044	0.9956	71.10
82.5	2,107,861		0.0000	1.0000	70.79
83.5	761,648	267	0.0003	0.9997	70.79
84.5	761,382		0.0000	1.0000	70.77
85.5	761,382		0.0000	1.0000	70.77
86.5	761,382		0.0000	1.0000	70.77
87.5					70.77

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 312.00 BOILER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	7,082,038,926	197,126	0.0000	1.0000	100.00
0.5	6,936,333,328	7,721,024	0.0011	0.9989	100.00
1.5	6,727,892,244	2,168,063	0.0003	0.9997	99.89
2.5	6,469,135,845	6,224,183	0.0010	0.9990	99.85
3.5	6,168,392,884	14,699,307	0.0024	0.9976	99.76
4.5	6,037,816,177	18,024,141	0.0030	0.9970	99.52
5.5	5,823,793,966	35,374,685	0.0061	0.9939	99.22
6.5	5,636,695,007	25,848,791	0.0046	0.9954	98.62
7.5	5,560,967,458	25,248,320	0.0045	0.9955	98.17
8.5	5,453,334,610	26,249,781	0.0048	0.9952	97.72
9.5	4,380,545,882	11,487,633	0.0026	0.9974	97.25
10.5	4,295,133,219	10,079,011	0.0023	0.9977	97.00
11.5	3,658,254,434	31,659,298	0.0087	0.9913	96.77
12.5	3,094,872,183	16,880,593	0.0055	0.9945	95.93
13.5	2,392,759,789	14,122,404	0.0059	0.9941	95.41
14.5	1,846,249,117	13,265,067	0.0072	0.9928	94.85
15.5	1,734,046,016	40,947,183	0.0236	0.9764	94.16
16.5	1,662,956,222	28,309,445	0.0170	0.9830	91.94
17.5	1,596,256,750	5,469,768	0.0034	0.9966	90.38
18.5	1,239,580,395	9,179,624	0.0074	0.9926	90.07
19.5	1,095,741,002	2,681,972	0.0024	0.9976	89.40
20.5	1,024,074,143	2,893,382	0.0028	0.9972	89.18
21.5	949,630,910	5,272,122	0.0056	0.9944	88.93
22.5	801,393,435	585,052	0.0007	0.9993	88.43
23.5	757,076,862	1,001,965	0.0013	0.9987	88.37
24.5	740,725,617	1,582,253	0.0021	0.9979	88.25
25.5	710,903,400	10,229,630	0.0144	0.9856	88.06
26.5	688,661,767	11,970,371	0.0174	0.9826	86.80
27.5	667,614,500	1,434,192	0.0021	0.9979	85.29
28.5	656,165,794	10,093,211	0.0154	0.9846	85.10
29.5	627,735,062	2,265,256	0.0036	0.9964	83.80
30.5	606,094,706	6,747,537	0.0111	0.9889	83.49
31.5	566,112,726	10,520,321	0.0186	0.9814	82.56
32.5	516,293,525	9,886,819	0.0191	0.9809	81.03
33.5	496,143,839	8,895,875	0.0179	0.9821	79.48
34.5	474,830,271	15,872,679	0.0334	0.9666	78.05
35.5	450,684,999	3,926,959	0.0087	0.9913	75.44
36.5	437,719,707	13,902,121	0.0318	0.9682	74.79
37.5	418,813,086	26,739,387	0.0638	0.9362	72.41
38.5	387,962,932	20,520,480	0.0529	0.9471	67.79

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

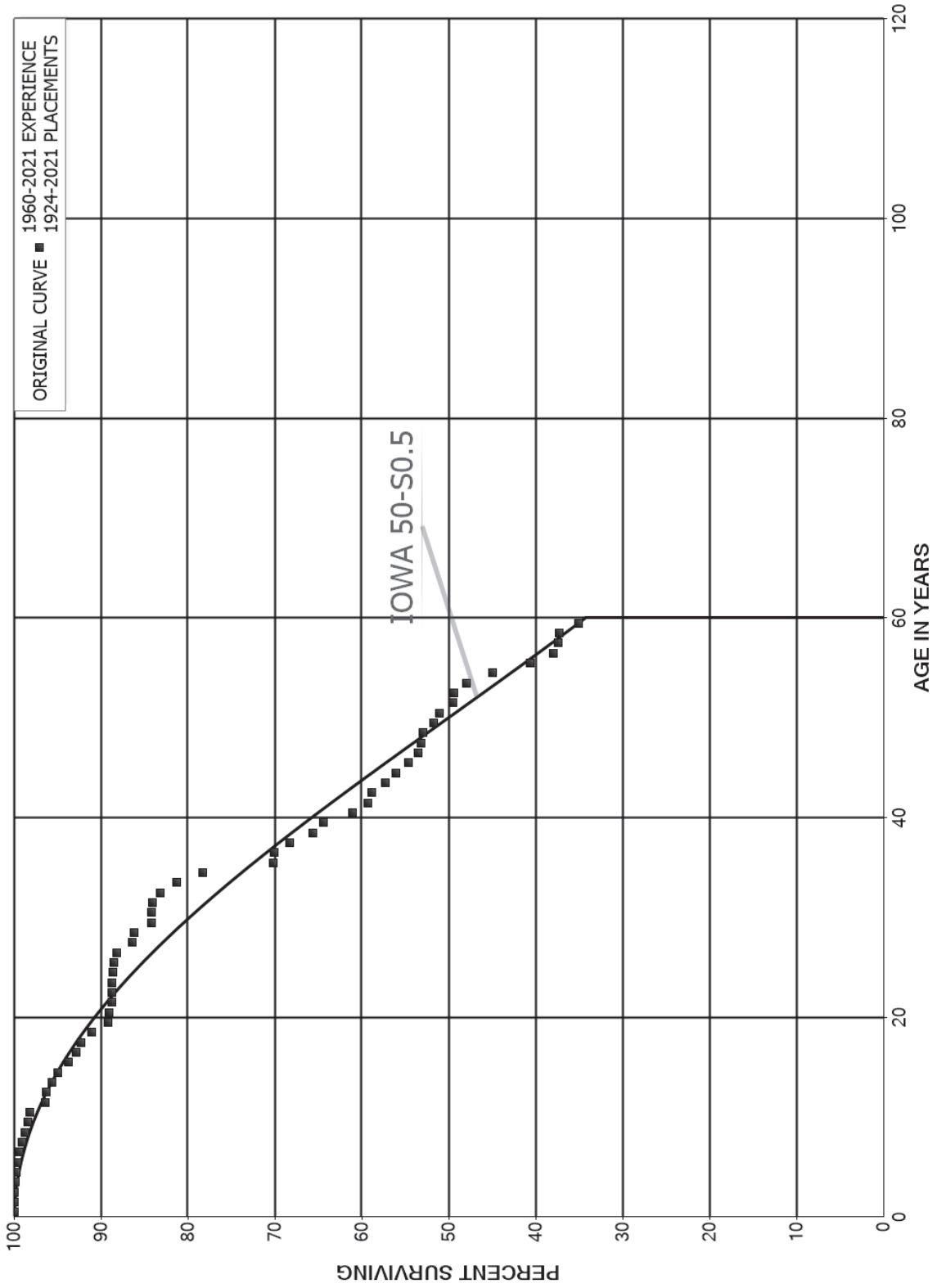
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	365,667,282	14,147,677	0.0387	0.9613	64.20
40.5	332,810,311	14,133,827	0.0425	0.9575	61.72
41.5	302,293,038	5,511,713	0.0182	0.9818	59.10
42.5	294,694,142	14,291,774	0.0485	0.9515	58.02
43.5	274,101,842	20,732,501	0.0756	0.9244	55.21
44.5	246,762,059	8,318,506	0.0337	0.9663	51.03
45.5	237,043,675	7,410,228	0.0313	0.9687	49.31
46.5	176,693,350	7,993,345	0.0452	0.9548	47.77
47.5	145,126,163	3,532,182	0.0243	0.9757	45.61
48.5	130,159,752	3,386,318	0.0260	0.9740	44.50
49.5	102,150,350	3,929,165	0.0385	0.9615	43.34
50.5	97,075,685	6,651,143	0.0685	0.9315	41.67
51.5	78,819,710	1,768,655	0.0224	0.9776	38.82
52.5	67,249,662	2,952,211	0.0439	0.9561	37.95
53.5	60,169,364	1,729,167	0.0287	0.9713	36.28
54.5	57,708,153	3,545,708	0.0614	0.9386	35.24
55.5	46,924,006	3,267,614	0.0696	0.9304	33.07
56.5	43,262,353	1,062,385	0.0246	0.9754	30.77
57.5	40,223,708	737,464	0.0183	0.9817	30.01
58.5	39,418,223	2,228,062	0.0565	0.9435	29.46
59.5	34,705,011	209,405	0.0060	0.9940	27.80
60.5	23,027,905	16,958	0.0007	0.9993	27.63
61.5	19,053,652	363,535	0.0191	0.9809	27.61
62.5	12,119,392	249,190	0.0206	0.9794	27.08
63.5	2,329,922		0.0000	1.0000	26.53
64.5	630,084		0.0000	1.0000	26.53
65.5	630,084	5,398	0.0086	0.9914	26.53
66.5	624,686	4,095	0.0066	0.9934	26.30
67.5	620,592	19,452	0.0313	0.9687	26.13
68.5	601,140	250,640	0.4169	0.5831	25.31
69.5	350,500		0.0000	1.0000	14.76
70.5	350,500		0.0000	1.0000	14.76
71.5	350,500		0.0000	1.0000	14.76
72.5					14.76

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 314.00 TURBOGENERATOR UNITS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,253,702,382	217,160	0.0002	0.9998	100.00
0.5	1,240,651,138		0.0000	1.0000	99.98
1.5	1,225,059,513	918,463	0.0007	0.9993	99.98
2.5	1,212,503,023	263,236	0.0002	0.9998	99.91
3.5	1,146,653,731	1,807,302	0.0016	0.9984	99.89
4.5	1,071,221,768	1,242,048	0.0012	0.9988	99.73
5.5	992,934,771	2,315,061	0.0023	0.9977	99.61
6.5	950,195,206	3,303,284	0.0035	0.9965	99.38
7.5	923,967,016	2,572,030	0.0028	0.9972	99.04
8.5	891,719,384	3,292,838	0.0037	0.9963	98.76
9.5	620,292,715	1,669,266	0.0027	0.9973	98.39
10.5	605,840,351	10,855,518	0.0179	0.9821	98.13
11.5	517,122,901	440,960	0.0009	0.9991	96.37
12.5	470,204,001	3,318,923	0.0071	0.9929	96.29
13.5	452,337,013	3,306,543	0.0073	0.9927	95.61
14.5	447,391,234	5,378,079	0.0120	0.9880	94.91
15.5	418,897,618	4,224,660	0.0101	0.9899	93.77
16.5	409,160,294	2,437,189	0.0060	0.9940	92.82
17.5	390,615,169	5,093,916	0.0130	0.9870	92.27
18.5	373,102,765	7,719,876	0.0207	0.9793	91.07
19.5	363,512,610	274,361	0.0008	0.9992	89.18
20.5	330,570,270	1,342,767	0.0041	0.9959	89.12
21.5	314,179,237	110,952	0.0004	0.9996	88.75
22.5	285,808,439	14,861	0.0001	0.9999	88.72
23.5	278,626,031	229,845	0.0008	0.9992	88.72
24.5	278,276,417	467,854	0.0017	0.9983	88.65
25.5	269,440,921	1,034,632	0.0038	0.9962	88.50
26.5	264,861,109	5,455,901	0.0206	0.9794	88.16
27.5	251,210,756	386,092	0.0015	0.9985	86.34
28.5	250,475,787	5,967,416	0.0238	0.9762	86.21
29.5	240,580,364		0.0000	1.0000	84.15
30.5	240,462,795	355,753	0.0015	0.9985	84.15
31.5	235,380,939	2,534,517	0.0108	0.9892	84.03
32.5	228,208,278	4,915,857	0.0215	0.9785	83.12
33.5	223,001,979	8,476,151	0.0380	0.9620	81.33
34.5	212,434,533	21,855,430	0.1029	0.8971	78.24
35.5	191,140,263	327,082	0.0017	0.9983	70.19
36.5	190,783,679	4,837,336	0.0254	0.9746	70.07
37.5	185,750,435	7,318,207	0.0394	0.9606	68.30
38.5	180,086,939	3,387,632	0.0188	0.9812	65.61

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

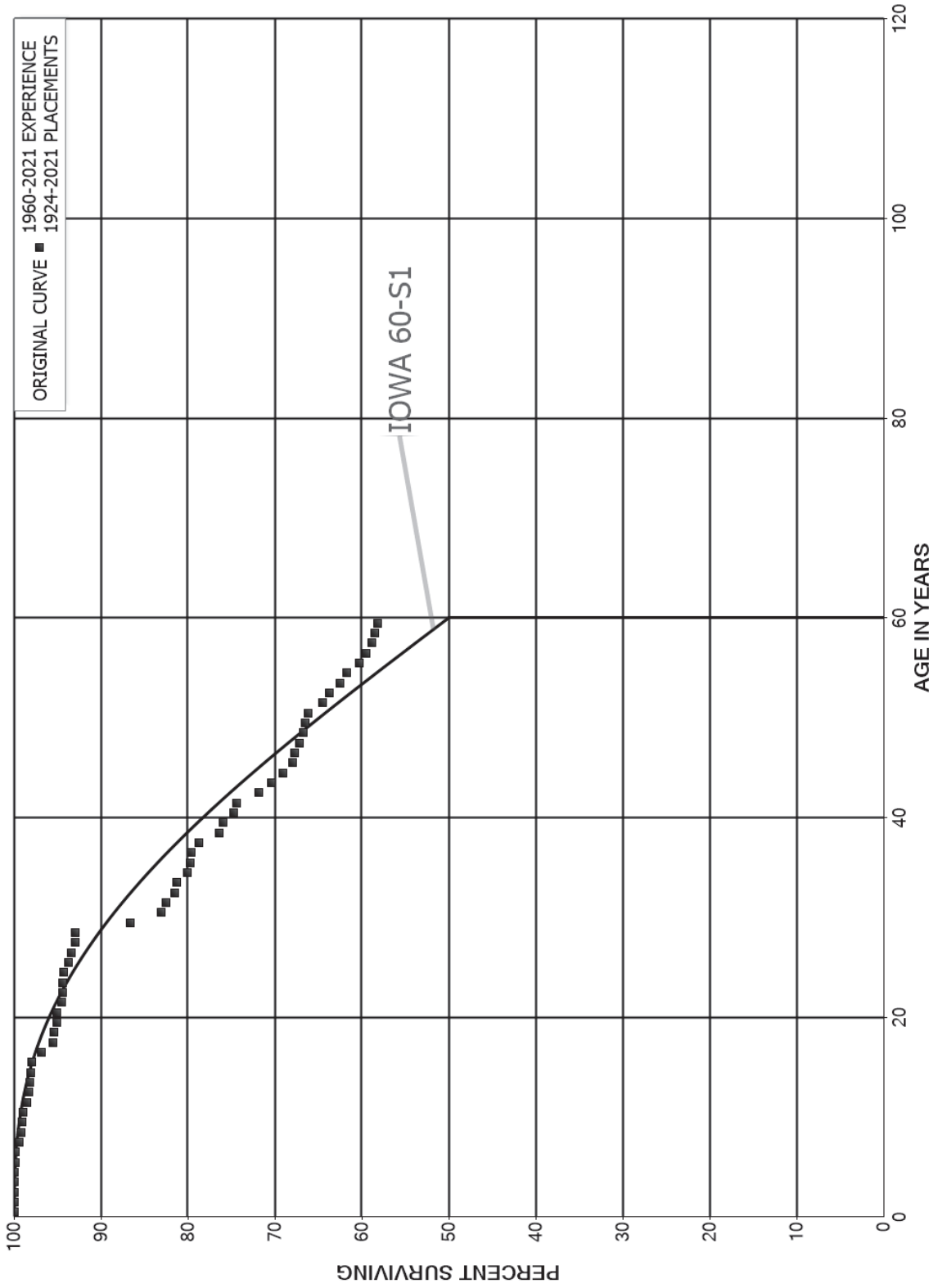
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	179,063,454	9,154,293	0.0511	0.9489	64.37
40.5	168,478,875	4,993,380	0.0296	0.9704	61.08
41.5	160,064,489	1,209,866	0.0076	0.9924	59.27
42.5	157,733,798	4,038,054	0.0256	0.9744	58.82
43.5	152,014,754	3,304,922	0.0217	0.9783	57.32
44.5	146,370,889	3,804,527	0.0260	0.9740	56.07
45.5	141,935,913	2,841,219	0.0200	0.9800	54.61
46.5	129,763,320	708,899	0.0055	0.9945	53.52
47.5	122,624,604	689,533	0.0056	0.9944	53.23
48.5	121,430,144	2,860,193	0.0236	0.9764	52.93
49.5	104,093,412	1,308,541	0.0126	0.9874	51.68
50.5	103,104,341	3,116,253	0.0302	0.9698	51.03
51.5	93,529,077	124,674	0.0013	0.9987	49.49
52.5	84,980,118	2,446,009	0.0288	0.9712	49.42
53.5	81,876,506	5,282,194	0.0645	0.9355	48.00
54.5	76,779,460	7,261,828	0.0946	0.9054	44.90
55.5	65,030,346	4,355,396	0.0670	0.9330	40.66
56.5	58,188,134	880,816	0.0151	0.9849	37.93
57.5	54,176,037	93,019	0.0017	0.9983	37.36
58.5	54,081,379	3,266,673	0.0604	0.9396	37.30
59.5	46,393,909	343,762	0.0074	0.9926	35.04
60.5	36,053,817	61,395	0.0017	0.9983	34.78
61.5	28,211,418	75,207	0.0027	0.9973	34.72
62.5	22,572,121	209,502	0.0093	0.9907	34.63
63.5	11,596,972		0.0000	1.0000	34.31
64.5	2,441,797		0.0000	1.0000	34.31
65.5	2,441,797		0.0000	1.0000	34.31
66.5	2,441,797	73,584	0.0301	0.9699	34.31
67.5	2,368,213		0.0000	1.0000	33.28
68.5	2,368,213	723,227	0.3054	0.6946	33.28
69.5	1,644,986	967,392	0.5881	0.4119	23.11
70.5	677,594		0.0000	1.0000	9.52
71.5	677,594		0.0000	1.0000	9.52
72.5					9.52

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	535,798,249		0.0000	1.0000	100.00
0.5	530,839,449	14,038	0.0000	1.0000	100.00
1.5	528,889,135	303,909	0.0006	0.9994	100.00
2.5	523,484,753	91,914	0.0002	0.9998	99.94
3.5	519,969,224	124,082	0.0002	0.9998	99.92
4.5	513,096,442	346,713	0.0007	0.9993	99.90
5.5	507,100,137	32,862	0.0001	0.9999	99.83
6.5	494,212,185	2,292,667	0.0046	0.9954	99.82
7.5	491,839,927	967,214	0.0020	0.9980	99.36
8.5	487,577,698	387,935	0.0008	0.9992	99.17
9.5	335,908,488	476,329	0.0014	0.9986	99.09
10.5	332,272,749	1,536,479	0.0046	0.9954	98.95
11.5	324,520,867	701,823	0.0022	0.9978	98.49
12.5	322,838,650	444,593	0.0014	0.9986	98.28
13.5	315,703,921	243,872	0.0008	0.9992	98.14
14.5	314,304,706	540,751	0.0017	0.9983	98.06
15.5	302,040,808	3,411,760	0.0113	0.9887	97.90
16.5	296,099,705	4,095,438	0.0138	0.9862	96.79
17.5	258,147,069	206,422	0.0008	0.9992	95.45
18.5	250,703,772	845,010	0.0034	0.9966	95.38
19.5	227,837,774	54,056	0.0002	0.9998	95.05
20.5	224,724,192	1,153,573	0.0051	0.9949	95.03
21.5	204,358,609	206,126	0.0010	0.9990	94.54
22.5	186,001,027	114,515	0.0006	0.9994	94.45
23.5	177,281,540	225,434	0.0013	0.9987	94.39
24.5	158,504,244	886,046	0.0056	0.9944	94.27
25.5	148,630,366	504,870	0.0034	0.9966	93.74
26.5	137,451,660	639,376	0.0047	0.9953	93.42
27.5	116,846,010	60,471	0.0005	0.9995	92.99
28.5	103,808,132	7,026,171	0.0677	0.9323	92.94
29.5	94,969,560	3,928,666	0.0414	0.9586	86.65
30.5	70,540,572	438,707	0.0062	0.9938	83.07
31.5	68,490,114	869,044	0.0127	0.9873	82.55
32.5	60,357,178	143,737	0.0024	0.9976	81.50
33.5	59,118,518	925,930	0.0157	0.9843	81.31
34.5	57,885,500	256,546	0.0044	0.9956	80.04
35.5	57,518,688	66,690	0.0012	0.9988	79.68
36.5	57,232,341	643,536	0.0112	0.9888	79.59
37.5	55,679,919	1,618,232	0.0291	0.9709	78.69
38.5	54,268,311	366,161	0.0067	0.9933	76.41

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	54,050,447	819,032	0.0152	0.9848	75.89
40.5	51,529,620	262,836	0.0051	0.9949	74.74
41.5	49,419,798	1,676,516	0.0339	0.9661	74.36
42.5	46,673,297	922,513	0.0198	0.9802	71.84
43.5	45,329,388	865,652	0.0191	0.9809	70.42
44.5	44,440,762	692,720	0.0156	0.9844	69.07
45.5	43,597,701	192,553	0.0044	0.9956	68.00
46.5	33,537,731	263,187	0.0078	0.9922	67.70
47.5	28,630,348	184,458	0.0064	0.9936	67.16
48.5	26,391,991	96,392	0.0037	0.9963	66.73
49.5	21,347,508	116,425	0.0055	0.9945	66.49
50.5	21,212,756	521,494	0.0246	0.9754	66.12
51.5	17,235,130	216,549	0.0126	0.9874	64.50
52.5	14,056,489	249,176	0.0177	0.9823	63.69
53.5	13,371,747	175,971	0.0132	0.9868	62.56
54.5	13,264,763	308,958	0.0233	0.9767	61.74
55.5	11,540,838	152,226	0.0132	0.9868	60.30
56.5	10,919,461	122,913	0.0113	0.9887	59.50
57.5	10,288,791	62,404	0.0061	0.9939	58.83
58.5	10,209,475	43,915	0.0043	0.9957	58.48
59.5	9,095,731	130,893	0.0144	0.9856	58.23
60.5	7,497,790	21,769	0.0029	0.9971	57.39
61.5	5,952,223	5,756	0.0010	0.9990	57.22
62.5	3,967,479	1,561	0.0004	0.9996	57.17
63.5	2,039,522	59,140	0.0290	0.9710	57.14
64.5	475,621		0.0000	1.0000	55.49
65.5	475,621		0.0000	1.0000	55.49
66.5	475,621	24,074	0.0506	0.9494	55.49
67.5	451,547	1,556	0.0034	0.9966	52.68
68.5	449,991	45,072	0.1002	0.8998	52.50
69.5	404,919	12,494	0.0309	0.9691	47.24
70.5	392,425		0.0000	1.0000	45.78
71.5	392,425		0.0000	1.0000	45.78
72.5	309,007		0.0000	1.0000	45.78
73.5	309,007		0.0000	1.0000	45.78
74.5	309,007		0.0000	1.0000	45.78
75.5	168,790		0.0000	1.0000	45.78
76.5	168,790		0.0000	1.0000	45.78
77.5	168,790		0.0000	1.0000	45.78
78.5	168,790		0.0000	1.0000	45.78

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

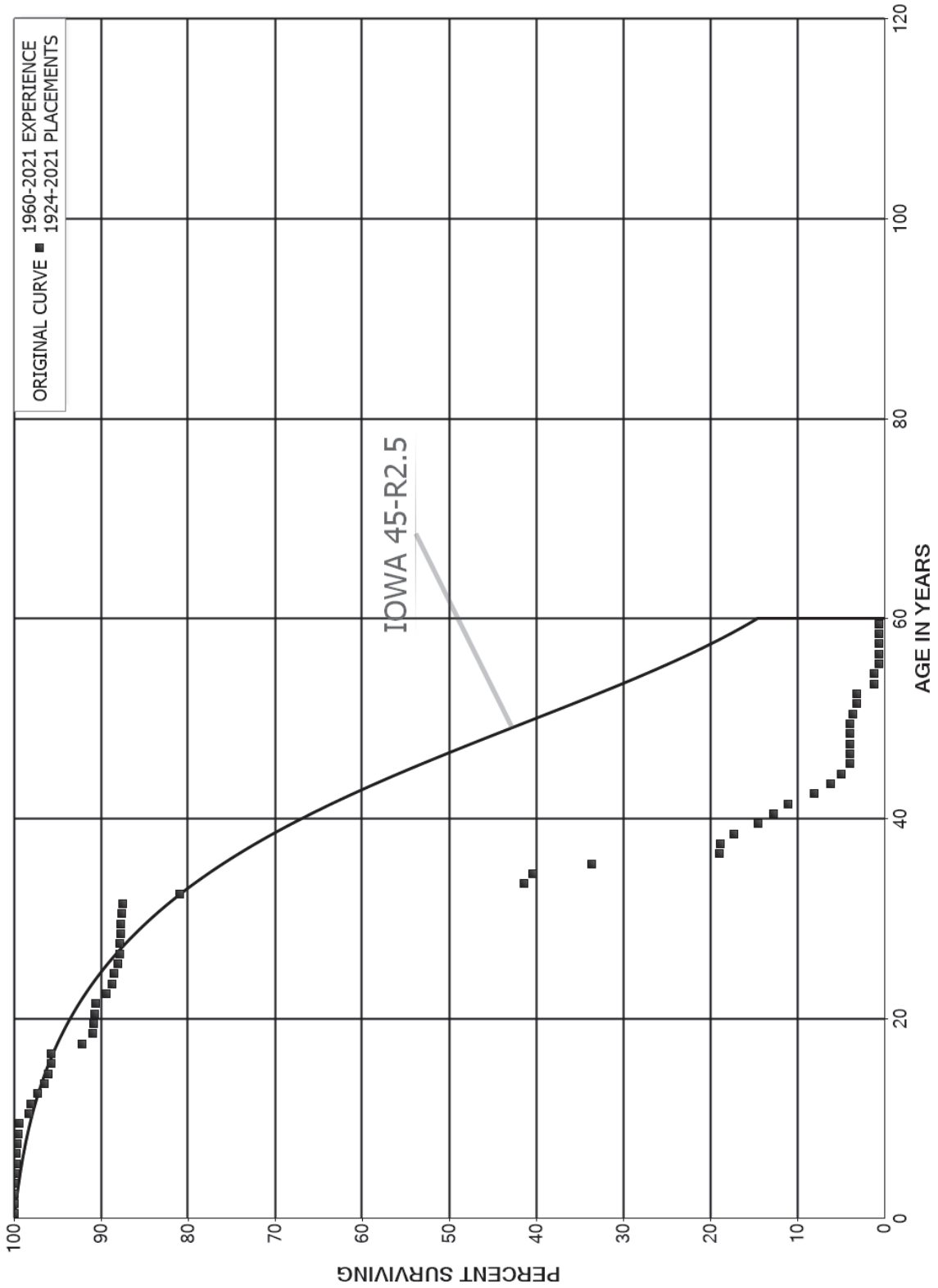
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	168,790		0.0000	1.0000	45.78
80.5	168,790		0.0000	1.0000	45.78
81.5	168,790		0.0000	1.0000	45.78
82.5	168,790		0.0000	1.0000	45.78
83.5					45.78

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	448,126,688		0.0000	1.0000	100.00
0.5	432,064,081		0.0000	1.0000	100.00
1.5	431,746,060	116,723	0.0003	0.9997	100.00
2.5	428,380,055	254,679	0.0006	0.9994	99.97
3.5	425,408,524	391,394	0.0009	0.9991	99.91
4.5	409,202,805	174,193	0.0004	0.9996	99.82
5.5	395,362,556	96,921	0.0002	0.9998	99.78
6.5	368,671,675	588,179	0.0016	0.9984	99.75
7.5	359,330,630	204,470	0.0006	0.9994	99.60
8.5	354,792,283	404,921	0.0011	0.9989	99.54
9.5	102,623,103	1,177,960	0.0115	0.9885	99.43
10.5	98,274,905	166,037	0.0017	0.9983	98.28
11.5	96,281,003	815,147	0.0085	0.9915	98.12
12.5	93,491,455	751,202	0.0080	0.9920	97.29
13.5	86,753,250	364,208	0.0042	0.9958	96.51
14.5	84,516,676	327,153	0.0039	0.9961	96.10
15.5	80,996,292	45,801	0.0006	0.9994	95.73
16.5	78,482,565	2,878,177	0.0367	0.9633	95.67
17.5	72,670,809	999,567	0.0138	0.9862	92.17
18.5	66,229,331	65,405	0.0010	0.9990	90.90
19.5	58,673,439	46,944	0.0008	0.9992	90.81
20.5	53,025,889	50,277	0.0009	0.9991	90.74
21.5	49,839,327	661,473	0.0133	0.9867	90.65
22.5	47,388,507	377,980	0.0080	0.9920	89.45
23.5	44,768,114	132,228	0.0030	0.9970	88.73
24.5	43,448,356	223,269	0.0051	0.9949	88.47
25.5	42,702,560	114,475	0.0027	0.9973	88.02
26.5	41,030,029		0.0000	1.0000	87.78
27.5	29,001,098	304	0.0000	1.0000	87.78
28.5	26,061,883	25,374	0.0010	0.9990	87.78
29.5	23,531,826	34,324	0.0015	0.9985	87.69
30.5	22,249,147	3,150	0.0001	0.9999	87.57
31.5	21,377,270	1,620,840	0.0758	0.9242	87.55
32.5	18,754,610	9,161,119	0.4885	0.5115	80.92
33.5	8,271,660	188,909	0.0228	0.9772	41.39
34.5	7,532,309	1,280,759	0.1700	0.8300	40.45
35.5	5,735,961	2,503,060	0.4364	0.5636	33.57
36.5	3,043,241	17,224	0.0057	0.9943	18.92
37.5	2,767,982	220,073	0.0795	0.9205	18.81
38.5	2,416,877	386,061	0.1597	0.8403	17.32

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

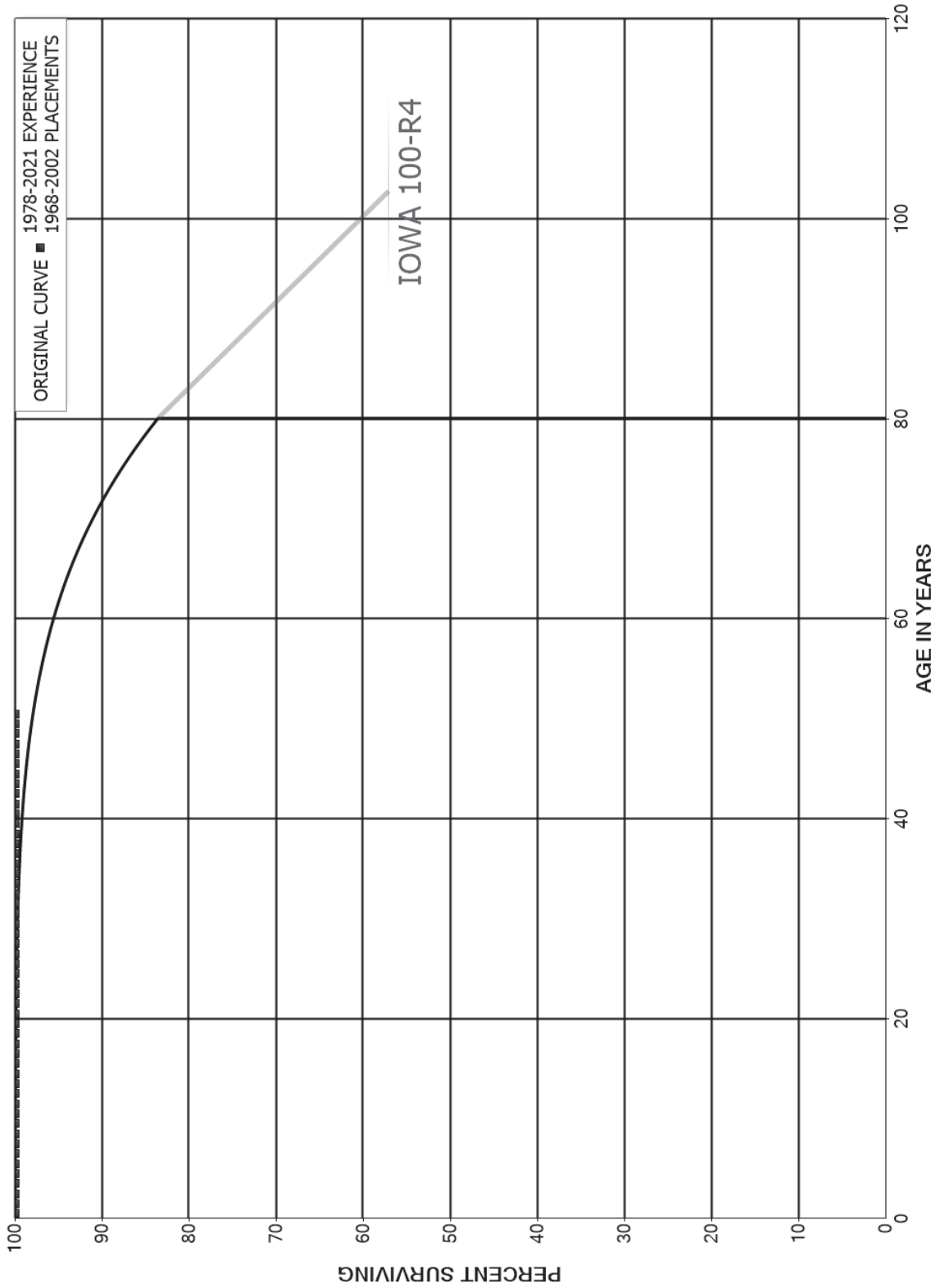
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	2,127,081	259,747	0.1221	0.8779	14.55
40.5	1,291,145	176,880	0.1370	0.8630	12.77
41.5	897,038	236,757	0.2639	0.7361	11.02
42.5	599,112	140,210	0.2340	0.7660	8.11
43.5	458,902	95,181	0.2074	0.7926	6.22
44.5	363,721	71,728	0.1972	0.8028	4.93
45.5	291,993		0.0000	1.0000	3.95
46.5	291,993		0.0000	1.0000	3.95
47.5	291,993	750	0.0026	0.9974	3.95
48.5	291,243		0.0000	1.0000	3.94
49.5	291,243	26,639	0.0915	0.9085	3.94
50.5	292,458	36,151	0.1236	0.8764	3.58
51.5	289,732		0.0000	1.0000	3.14
52.5	261,878	160,784	0.6140	0.3860	3.14
53.5	67,669		0.0000	1.0000	1.21
54.5	67,669	30,401	0.4493	0.5507	1.21
55.5	37,268		0.0000	1.0000	0.67
56.5	37,268		0.0000	1.0000	0.67
57.5	37,268		0.0000	1.0000	0.67
58.5	37,268	4,544	0.1219	0.8781	0.67
59.5	32,724		0.0000	1.0000	0.59
60.5	32,724		0.0000	1.0000	0.59
61.5	32,724		0.0000	1.0000	0.59
62.5	32,724	32,724	1.0000		0.59
63.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 320.00 RIGHTS OF WAY
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 320.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE

PLACEMENT BAND 1968-2002 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	489,270		0.0000	1.0000	100.00
0.5	489,270		0.0000	1.0000	100.00
1.5	531,029		0.0000	1.0000	100.00
2.5	532,109		0.0000	1.0000	100.00
3.5	534,724		0.0000	1.0000	100.00
4.5	946,622		0.0000	1.0000	100.00
5.5	945,542		0.0000	1.0000	100.00
6.5	945,542		0.0000	1.0000	100.00
7.5	540,439		0.0000	1.0000	100.00
8.5	540,439		0.0000	1.0000	100.00
9.5	533,644		0.0000	1.0000	100.00
10.5	533,644		0.0000	1.0000	100.00
11.5	533,644		0.0000	1.0000	100.00
12.5	956,032		0.0000	1.0000	100.00
13.5	956,032		0.0000	1.0000	100.00
14.5	956,032		0.0000	1.0000	100.00
15.5	956,032		0.0000	1.0000	100.00
16.5	956,542		0.0000	1.0000	100.00
17.5	956,542		0.0000	1.0000	100.00
18.5	956,542		0.0000	1.0000	100.00
19.5	881,365		0.0000	1.0000	100.00
20.5	881,365		0.0000	1.0000	100.00
21.5	881,365		0.0000	1.0000	100.00
22.5	881,365		0.0000	1.0000	100.00
23.5	881,365		0.0000	1.0000	100.00
24.5	881,365		0.0000	1.0000	100.00
25.5	881,365		0.0000	1.0000	100.00
26.5	881,365		0.0000	1.0000	100.00
27.5	881,365		0.0000	1.0000	100.00
28.5	881,365		0.0000	1.0000	100.00
29.5	881,365		0.0000	1.0000	100.00
30.5	881,365		0.0000	1.0000	100.00
31.5	881,365		0.0000	1.0000	100.00
32.5	881,365		0.0000	1.0000	100.00
33.5	881,365		0.0000	1.0000	100.00
34.5	881,365		0.0000	1.0000	100.00
35.5	881,365		0.0000	1.0000	100.00
36.5	499,885		0.0000	1.0000	100.00
37.5	499,885		0.0000	1.0000	100.00
38.5	499,885		0.0000	1.0000	100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 320.00 RIGHTS OF WAY

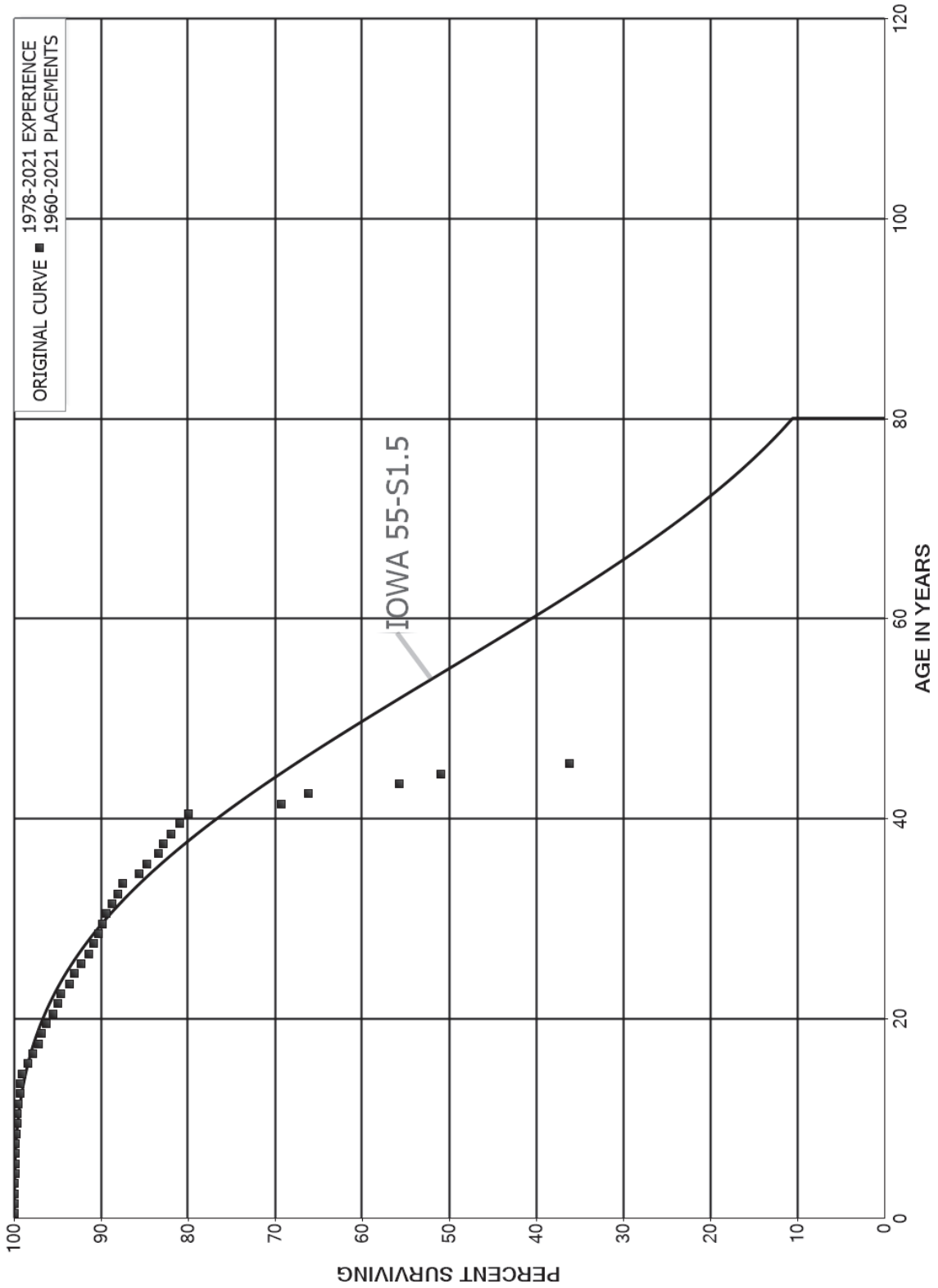
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1968-2002 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	499,885		0.0000	1.0000	100.00
40.5	425,003		0.0000	1.0000	100.00
41.5	425,003		0.0000	1.0000	100.00
42.5	425,003		0.0000	1.0000	100.00
43.5	425,003		0.0000	1.0000	100.00
44.5	425,003		0.0000	1.0000	100.00
45.5	425,003		0.0000	1.0000	100.00
46.5	425,003		0.0000	1.0000	100.00
47.5	422,388		0.0000	1.0000	100.00
48.5	422,388		0.0000	1.0000	100.00
49.5	422,388		0.0000	1.0000	100.00
50.5	422,388		0.0000	1.0000	100.00
51.5	422,388		0.0000	1.0000	100.00
52.5	422,388		0.0000	1.0000	100.00
53.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,090,188,901		0.0000	1.0000	100.00
0.5	2,070,359,776	49,648	0.0000	1.0000	100.00
1.5	2,015,515,333	243,452	0.0001	0.9999	100.00
2.5	1,957,848,766	1,480,202	0.0008	0.9992	99.99
3.5	2,033,924,476	444,517	0.0002	0.9998	99.91
4.5	2,035,873,980	407,876	0.0002	0.9998	99.89
5.5	1,926,846,824	332,581	0.0002	0.9998	99.87
6.5	1,792,907,655	690,502	0.0004	0.9996	99.85
7.5	1,730,285,304	1,247,954	0.0007	0.9993	99.81
8.5	1,578,929,842	1,115,155	0.0007	0.9993	99.74
9.5	1,539,849,286	1,251,912	0.0008	0.9992	99.67
10.5	1,403,952,683	1,274,894	0.0009	0.9991	99.59
11.5	1,369,043,551	2,801,730	0.0020	0.9980	99.50
12.5	1,299,700,912	690,843	0.0005	0.9995	99.29
13.5	1,264,945,426	1,892,670	0.0015	0.9985	99.24
14.5	1,219,273,889	8,024,467	0.0066	0.9934	99.09
15.5	1,164,035,505	6,786,764	0.0058	0.9942	98.44
16.5	1,134,114,509	7,563,108	0.0067	0.9933	97.87
17.5	1,094,438,877	4,147,125	0.0038	0.9962	97.21
18.5	1,079,335,484	6,561,808	0.0061	0.9939	96.85
19.5	1,062,397,278	8,500,280	0.0080	0.9920	96.26
20.5	1,046,496,978	5,840,523	0.0056	0.9944	95.49
21.5	1,030,394,682	3,633,839	0.0035	0.9965	94.95
22.5	1,024,649,704	10,388,210	0.0101	0.9899	94.62
23.5	993,165,676	6,690,243	0.0067	0.9933	93.66
24.5	983,418,635	7,794,835	0.0079	0.9921	93.03
25.5	970,502,320	9,808,995	0.0101	0.9899	92.29
26.5	949,134,609	5,704,964	0.0060	0.9940	91.36
27.5	940,096,808	5,898,347	0.0063	0.9937	90.81
28.5	927,413,076	3,884,422	0.0042	0.9958	90.24
29.5	920,225,801	4,953,153	0.0054	0.9946	89.86
30.5	901,865,340	6,663,904	0.0074	0.9926	89.38
31.5	894,047,832	6,608,727	0.0074	0.9926	88.72
32.5	851,138,883	5,733,578	0.0067	0.9933	88.06
33.5	829,673,043	17,285,276	0.0208	0.9792	87.47
34.5	796,808,001	8,692,919	0.0109	0.9891	85.65
35.5	616,510,235	9,745,330	0.0158	0.9842	84.71
36.5	506,888,496	3,346,858	0.0066	0.9934	83.37
37.5	289,968,467	3,249,873	0.0112	0.9888	82.82
38.5	271,917,870	3,000,989	0.0110	0.9890	81.89

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

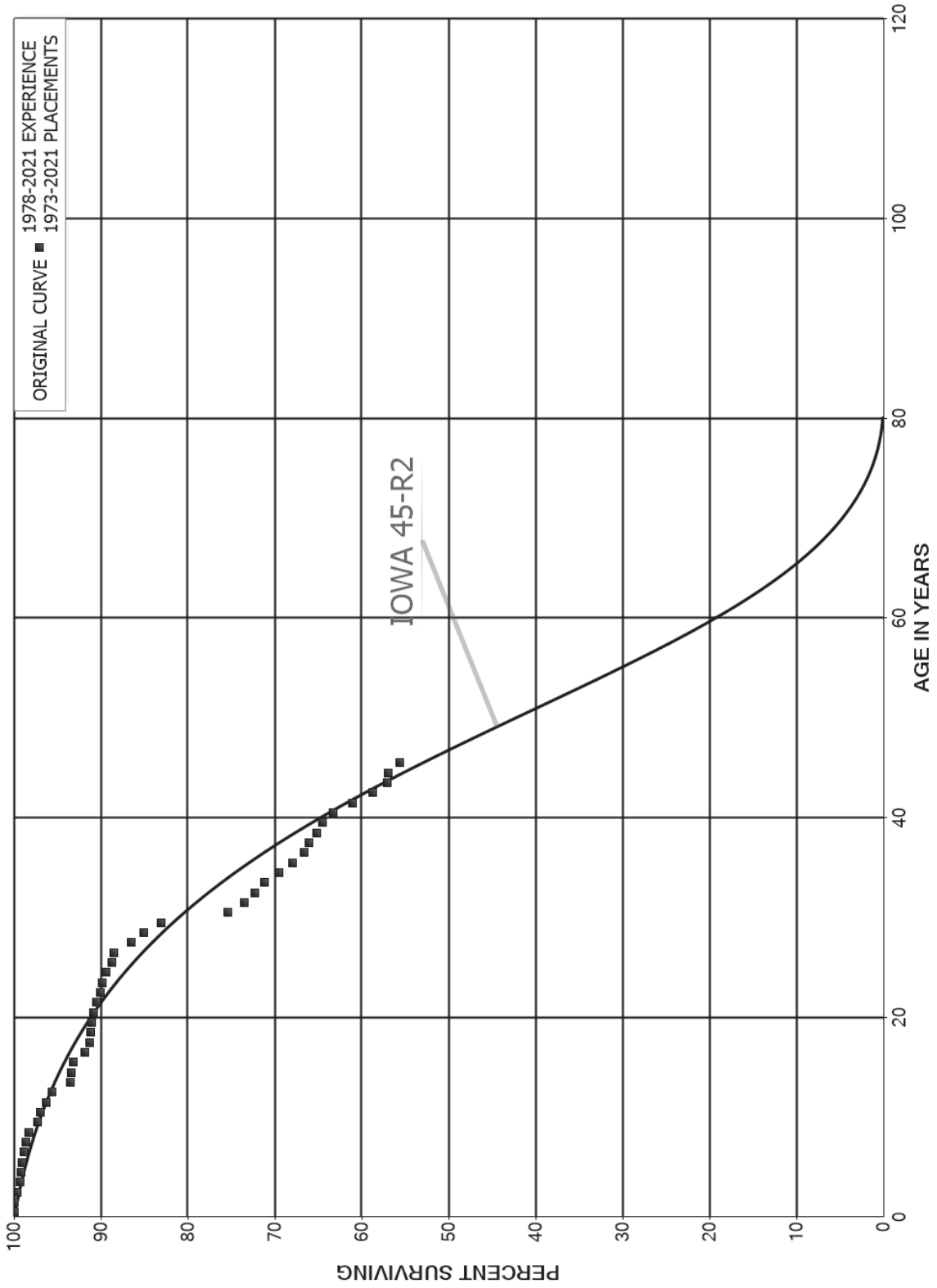
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	263,561,628	3,523,548	0.0134	0.9866	80.99
40.5	68,415,667	9,078,484	0.1327	0.8673	79.91
41.5	59,126,938	2,656,805	0.0449	0.9551	69.30
42.5	56,159,391	8,864,032	0.1578	0.8422	66.19
43.5	46,861,725	4,042,862	0.0863	0.9137	55.74
44.5	40,079,989	11,642,738	0.2905	0.7095	50.93
45.5	27,618,661	5,380,912	0.1948	0.8052	36.14
46.5	22,066,833	2,520,744	0.1142	0.8858	29.10
47.5	10,842,175	79,013	0.0073	0.9927	25.77
48.5					25.59

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 322.00 REACTOR PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1973-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	4,578,067,256	7,393	0.0000	1.0000	100.00
0.5	4,496,756,686	673,467	0.0001	0.9999	100.00
1.5	4,366,550,589	15,763,569	0.0036	0.9964	99.98
2.5	4,217,171,893	13,698,944	0.0032	0.9968	99.62
3.5	4,247,141,601	4,121,404	0.0010	0.9990	99.30
4.5	4,210,529,605	8,075,961	0.0019	0.9981	99.20
5.5	4,121,480,698	5,246,314	0.0013	0.9987	99.01
6.5	3,677,873,488	10,379,341	0.0028	0.9972	98.89
7.5	3,502,076,574	11,662,391	0.0033	0.9967	98.61
8.5	3,335,527,001	32,810,684	0.0098	0.9902	98.28
9.5	3,177,588,236	12,533,686	0.0039	0.9961	97.31
10.5	2,959,461,594	19,439,475	0.0066	0.9934	96.93
11.5	2,844,941,947	20,176,189	0.0071	0.9929	96.29
12.5	2,772,122,684	59,990,442	0.0216	0.9784	95.61
13.5	2,639,260,757	4,507,794	0.0017	0.9983	93.54
14.5	2,587,874,918	6,342,069	0.0025	0.9975	93.38
15.5	2,547,715,654	37,335,365	0.0147	0.9853	93.15
16.5	2,477,125,133	13,994,705	0.0056	0.9944	91.79
17.5	2,140,599,250	1,592,197	0.0007	0.9993	91.27
18.5	1,979,486,361	1,860,619	0.0009	0.9991	91.20
19.5	1,940,391,121	6,819,205	0.0035	0.9965	91.12
20.5	1,917,973,330	5,858,483	0.0031	0.9969	90.79
21.5	1,891,286,741	8,751,466	0.0046	0.9954	90.52
22.5	1,870,682,137	4,638,664	0.0025	0.9975	90.10
23.5	1,857,180,456	10,929,609	0.0059	0.9941	89.88
24.5	1,570,590,649	11,529,882	0.0073	0.9927	89.35
25.5	1,528,079,499	2,975,407	0.0019	0.9981	88.69
26.5	1,512,890,694	33,745,550	0.0223	0.9777	88.52
27.5	1,471,981,682	25,677,826	0.0174	0.9826	86.54
28.5	1,435,464,972	32,428,439	0.0226	0.9774	85.03
29.5	1,393,026,751	130,050,188	0.0934	0.9066	83.11
30.5	1,251,026,045	31,234,941	0.0250	0.9750	75.35
31.5	1,211,146,102	19,981,588	0.0165	0.9835	73.47
32.5	1,178,687,476	17,637,259	0.0150	0.9850	72.26
33.5	1,139,452,783	27,196,967	0.0239	0.9761	71.18
34.5	1,106,346,938	24,674,648	0.0223	0.9777	69.48
35.5	876,170,074	17,167,195	0.0196	0.9804	67.93
36.5	739,172,154	6,187,884	0.0084	0.9916	66.60
37.5	328,410,421	4,254,644	0.0130	0.9870	66.04
38.5	322,890,485	3,316,954	0.0103	0.9897	65.19

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

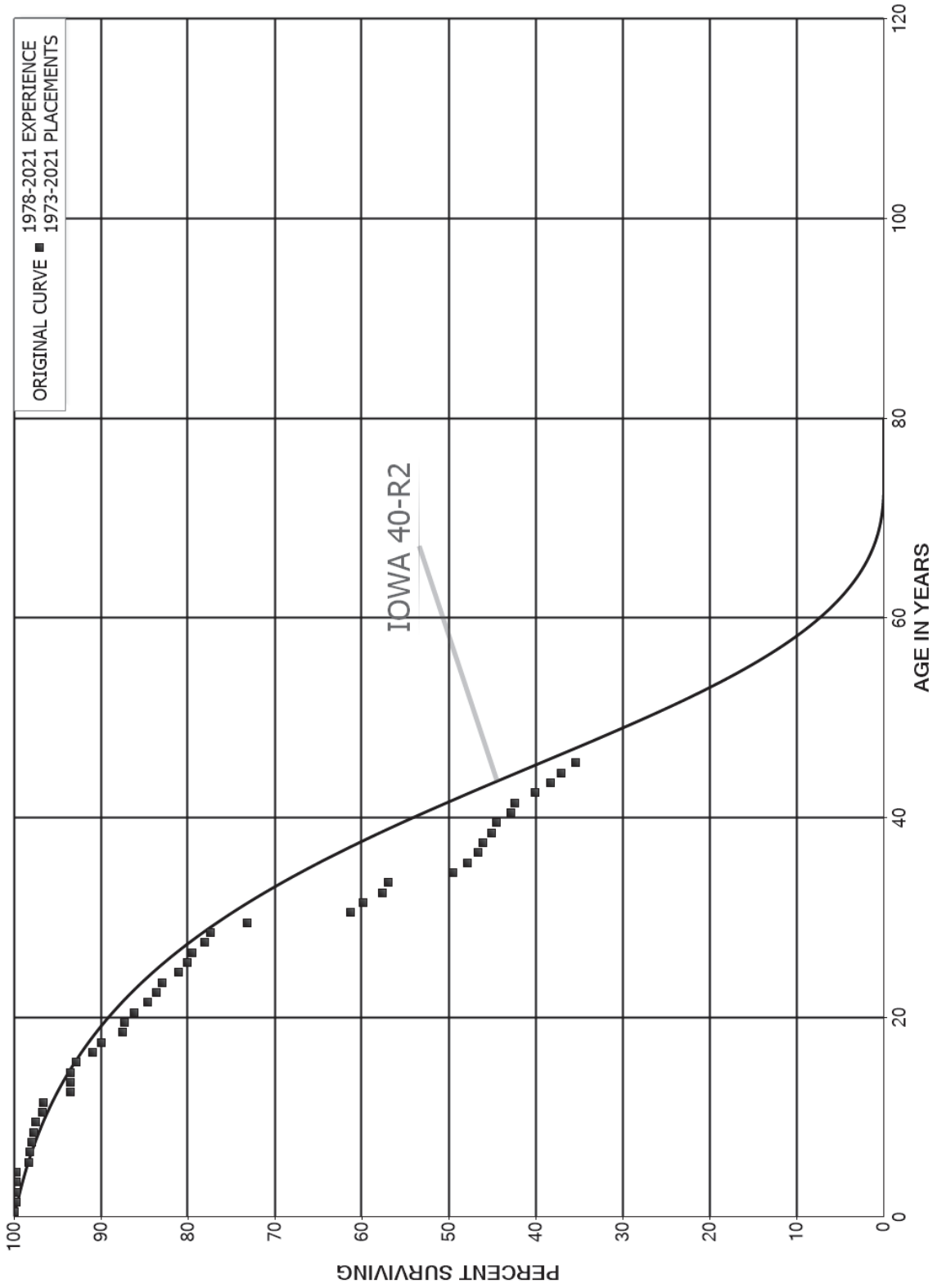
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1973-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	313,809,646	5,904,184	0.0188	0.9812	64.52
40.5	11,146,175	396,385	0.0356	0.9644	63.30
41.5	8,116,642	308,637	0.0380	0.9620	61.05
42.5	4,742,073	133,237	0.0281	0.9719	58.73
43.5	4,442,075	7,261	0.0016	0.9984	57.08
44.5	3,922,308	91,621	0.0234	0.9766	56.99
45.5	3,830,687	4,173	0.0011	0.9989	55.66
46.5	3,821,810	557,909	0.1460	0.8540	55.59
47.5	839,068		0.0000	1.0000	47.48
48.5					47.48

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 323.00 TURBOGENERATOR UNITS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1973-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,377,235,863		0.0000	1.0000	100.00
0.5	1,353,449,627	4,259,002	0.0031	0.9969	100.00
1.5	1,225,877,491	2,990	0.0000	1.0000	99.69
2.5	1,165,534,718		0.0000	1.0000	99.69
3.5	1,233,065,041		0.0000	1.0000	99.69
4.5	1,254,917,866	18,138,144	0.0145	0.9855	99.69
5.5	1,196,383,403	1,477,559	0.0012	0.9988	98.24
6.5	1,191,392,356	2,806,918	0.0024	0.9976	98.12
7.5	1,058,419,753	1,392,253	0.0013	0.9987	97.89
8.5	1,007,451,356	2,414,529	0.0024	0.9976	97.76
9.5	852,823,199	7,345,772	0.0086	0.9914	97.53
10.5	830,777,043	613,049	0.0007	0.9993	96.69
11.5	801,805,295	25,738,125	0.0321	0.9679	96.62
12.5	722,678,467	76,133	0.0001	0.9999	93.52
13.5	702,914,252		0.0000	1.0000	93.51
14.5	691,009,334	5,050,515	0.0073	0.9927	93.51
15.5	662,049,919	13,686,145	0.0207	0.9793	92.82
16.5	626,674,650	6,557,698	0.0105	0.9895	90.90
17.5	598,859,467	16,485,515	0.0275	0.9725	89.95
18.5	577,613,106	1,413,560	0.0024	0.9976	87.48
19.5	572,168,762	7,356,564	0.0129	0.9871	87.26
20.5	562,929,474	9,676,224	0.0172	0.9828	86.14
21.5	553,216,938	6,603,526	0.0119	0.9881	84.66
22.5	538,990,159	4,872,415	0.0090	0.9910	83.65
23.5	518,920,583	11,521,798	0.0222	0.9778	82.89
24.5	507,057,442	6,513,031	0.0128	0.9872	81.05
25.5	499,051,520	3,228,835	0.0065	0.9935	80.01
26.5	493,699,648	8,882,451	0.0180	0.9820	79.49
27.5	477,214,511	4,142,854	0.0087	0.9913	78.06
28.5	468,363,055	25,480,502	0.0544	0.9456	77.39
29.5	442,201,433	71,708,354	0.1622	0.8378	73.18
30.5	345,531,579	8,103,104	0.0235	0.9765	61.31
31.5	337,225,210	12,736,036	0.0378	0.9622	59.87
32.5	324,489,174	3,602,396	0.0111	0.9889	57.61
33.5	306,404,834	40,066,297	0.1308	0.8692	56.97
34.5	266,130,986	9,287,055	0.0349	0.9651	49.52
35.5	199,279,515	5,108,878	0.0256	0.9744	47.79
36.5	171,008,915	1,679,113	0.0098	0.9902	46.57
37.5	83,369,035	1,981,457	0.0238	0.9762	46.11
38.5	79,964,605	978,694	0.0122	0.9878	45.01

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

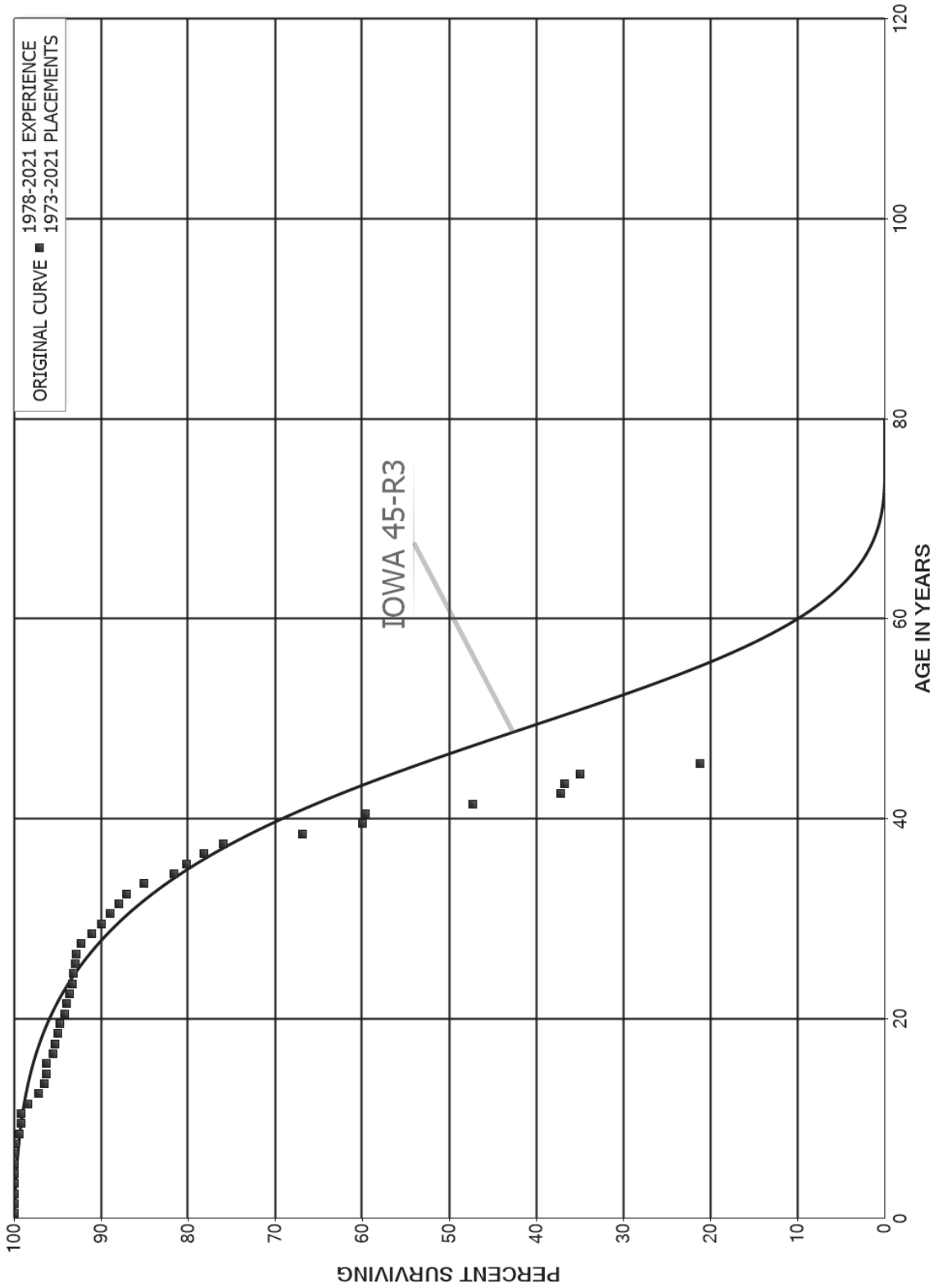
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1973-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	78,969,381	2,872,710	0.0364	0.9636	44.46
40.5	44,901,963	472,058	0.0105	0.9895	42.85
41.5	44,427,806	2,469,072	0.0556	0.9444	42.40
42.5	40,331,525	1,712,711	0.0425	0.9575	40.04
43.5	33,891,997	1,159,622	0.0342	0.9658	38.34
44.5	32,688,279	1,486,885	0.0455	0.9545	37.03
45.5	31,201,394	2,297,374	0.0736	0.9264	35.34
46.5	28,651,572	818,152	0.0286	0.9714	32.74
47.5	13,247,232	895,863	0.0676	0.9324	31.81
48.5					29.66

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1973-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,387,157,580		0.0000	1.0000	100.00
0.5	1,381,245,124	6,405	0.0000	1.0000	100.00
1.5	1,361,997,073	958	0.0000	1.0000	100.00
2.5	1,294,233,776	734,404	0.0006	0.9994	100.00
3.5	1,252,209,205		0.0000	1.0000	99.94
4.5	1,228,960,734	9,781	0.0000	1.0000	99.94
5.5	1,203,802,522	343,839	0.0003	0.9997	99.94
6.5	1,067,797,762	1,345,162	0.0013	0.9987	99.91
7.5	1,010,691,067	4,091,598	0.0040	0.9960	99.79
8.5	569,475,415	1,083,766	0.0019	0.9981	99.38
9.5	533,165,737	128,709	0.0002	0.9998	99.19
10.5	527,887,396	4,000,220	0.0076	0.9924	99.17
11.5	515,689,156	6,521,261	0.0126	0.9874	98.42
12.5	492,299,649	3,196,326	0.0065	0.9935	97.17
13.5	463,551,675	1,310,745	0.0028	0.9972	96.54
14.5	430,827,509	7,968	0.0000	1.0000	96.27
15.5	412,474,741	3,456,579	0.0084	0.9916	96.27
16.5	404,837,132	925,655	0.0023	0.9977	95.46
17.5	395,653,971	1,120,472	0.0028	0.9972	95.24
18.5	383,200,062	811,636	0.0021	0.9979	94.97
19.5	375,229,945	2,484,531	0.0066	0.9934	94.77
20.5	368,101,724	679,747	0.0018	0.9982	94.15
21.5	365,143,514	1,495,852	0.0041	0.9959	93.97
22.5	346,973,854	1,293,688	0.0037	0.9963	93.59
23.5	341,428,876	395,351	0.0012	0.9988	93.24
24.5	304,386,883	753,972	0.0025	0.9975	93.13
25.5	302,081,413	97,975	0.0003	0.9997	92.90
26.5	299,844,739	2,060,138	0.0069	0.9931	92.87
27.5	297,056,135	3,861,375	0.0130	0.9870	92.23
28.5	289,133,934	3,338,955	0.0115	0.9885	91.03
29.5	285,655,067	3,380,796	0.0118	0.9882	89.98
30.5	271,311,656	3,058,667	0.0113	0.9887	88.92
31.5	267,598,920	2,631,061	0.0098	0.9902	87.91
32.5	263,512,086	6,056,865	0.0230	0.9770	87.05
33.5	257,203,385	10,495,848	0.0408	0.9592	85.05
34.5	244,839,579	4,243,932	0.0173	0.9827	81.58
35.5	195,188,272	4,948,960	0.0254	0.9746	80.16
36.5	163,063,115	4,435,252	0.0272	0.9728	78.13
37.5	99,902,285	12,028,324	0.1204	0.8796	76.01
38.5	87,374,478	9,040,689	0.1035	0.8965	66.85

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

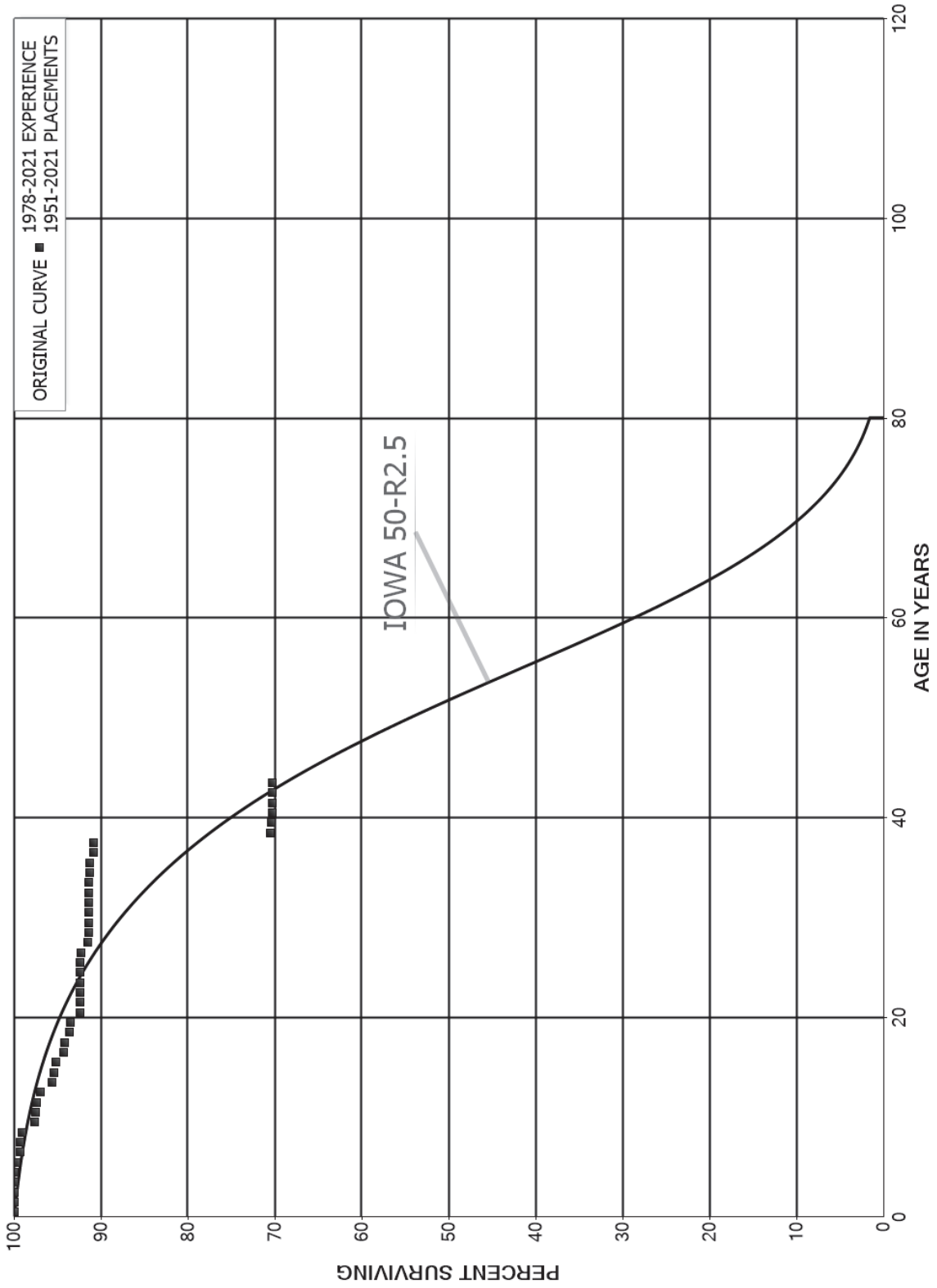
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1973-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	78,222,249	413,014	0.0053	0.9947	59.94
40.5	15,581,858	3,222,303	0.2068	0.7932	59.62
41.5	12,359,555	2,637,192	0.2134	0.7866	47.29
42.5	9,722,055	138,202	0.0142	0.9858	37.20
43.5	9,583,853	455,929	0.0476	0.9524	36.67
44.5	9,127,924	3,581,098	0.3923	0.6077	34.93
45.5	5,546,826	2,663,454	0.4802	0.5198	21.22
46.5	2,883,372		0.0000	1.0000	11.03
47.5	235,948		0.0000	1.0000	11.03
48.5					11.03

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1951-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	659,320,440		0.0000	1.0000	100.00
0.5	614,235,730	24,650	0.0000	1.0000	100.00
1.5	578,851,286	75,774	0.0001	0.9999	100.00
2.5	558,979,449	181,538	0.0003	0.9997	99.98
3.5	552,283,685	323,744	0.0006	0.9994	99.95
4.5	539,224,872	611,432	0.0011	0.9989	99.89
5.5	513,633,849	2,431,855	0.0047	0.9953	99.78
6.5	473,174,279	194,556	0.0004	0.9996	99.31
7.5	446,318,093	1,095,170	0.0025	0.9975	99.27
8.5	425,003,100	5,908,713	0.0139	0.9861	99.02
9.5	404,253,204	765,482	0.0019	0.9981	97.65
10.5	383,277,109	40,527	0.0001	0.9999	97.46
11.5	367,144,607	2,028,875	0.0055	0.9945	97.45
12.5	340,546,445	4,497,804	0.0132	0.9868	96.91
13.5	319,459,389	672,950	0.0021	0.9979	95.63
14.5	307,737,288	674,576	0.0022	0.9978	95.43
15.5	294,982,504	2,867,995	0.0097	0.9903	95.22
16.5	284,072,941	282,277	0.0010	0.9990	94.29
17.5	278,686,963	1,601,155	0.0057	0.9943	94.20
18.5	269,902,291	310,805	0.0012	0.9988	93.66
19.5	260,827,940	3,108,510	0.0119	0.9881	93.55
20.5	249,315,957	7,014	0.0000	1.0000	92.44
21.5	242,254,844	58,650	0.0002	0.9998	92.43
22.5	236,971,759	47,786	0.0002	0.9998	92.41
23.5	230,317,711	44,986	0.0002	0.9998	92.39
24.5	220,363,859	6,244	0.0000	1.0000	92.38
25.5	208,175,423	256,063	0.0012	0.9988	92.37
26.5	196,303,878	1,647,353	0.0084	0.9916	92.26
27.5	177,713,637	144,903	0.0008	0.9992	91.49
28.5	162,278,940	11,762	0.0001	0.9999	91.41
29.5	149,462,698	4,159	0.0000	1.0000	91.40
30.5	138,156,647		0.0000	1.0000	91.40
31.5	121,506,709	18,059	0.0001	0.9999	91.40
32.5	115,621,396	2,434	0.0000	1.0000	91.39
33.5	109,730,574	89,134	0.0008	0.9992	91.39
34.5	103,919,163	57,922	0.0006	0.9994	91.31
35.5	90,599,717	473,298	0.0052	0.9948	91.26
36.5	80,069,019	326	0.0000	1.0000	90.78
37.5	58,243,112	12,989,069	0.2230	0.7770	90.78
38.5	43,174,965	119,465	0.0028	0.9972	70.54

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

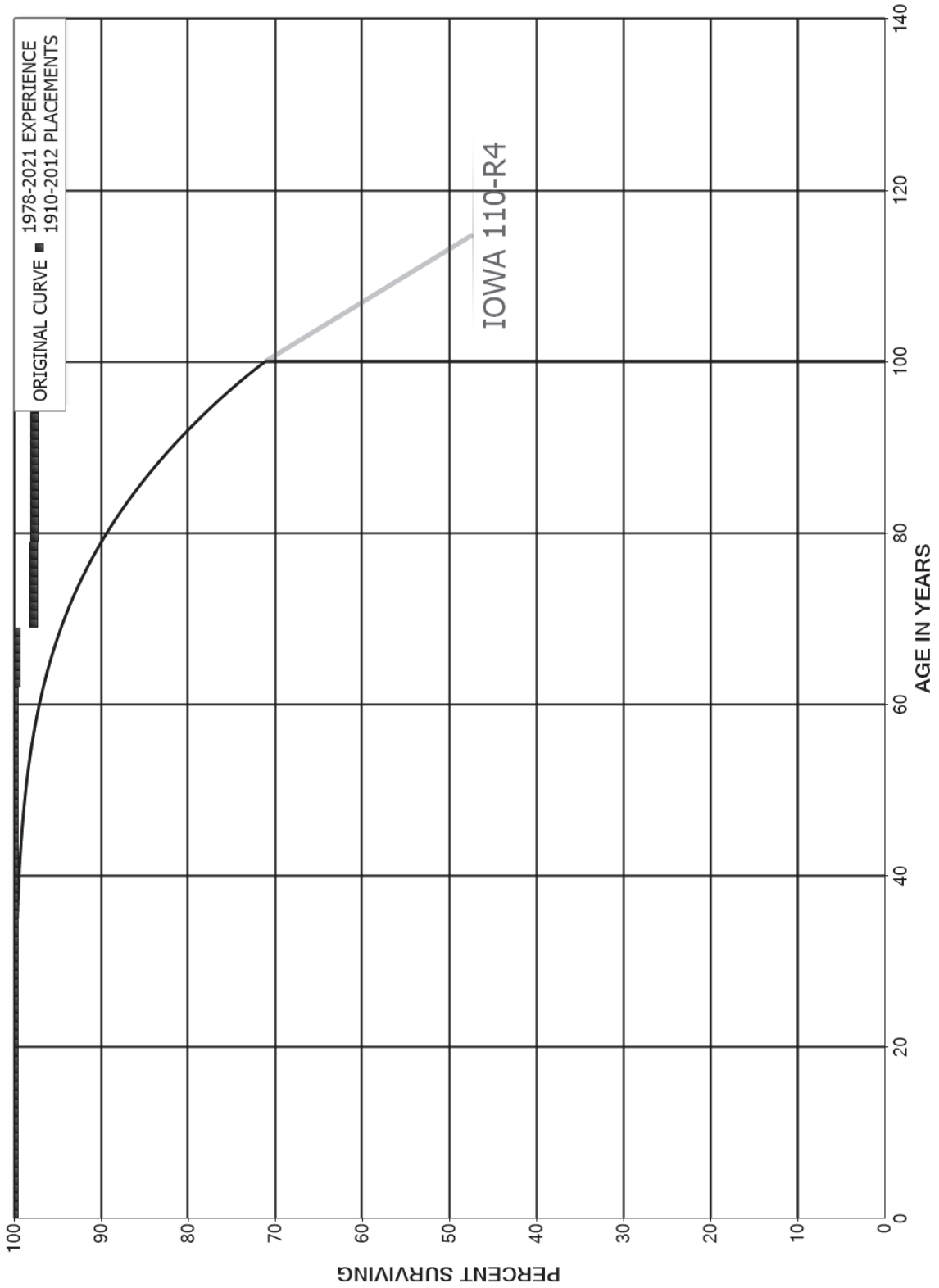
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1951-2021 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	42,537,105	25,943	0.0006	0.9994	70.34
40.5	2,438,759		0.0000	1.0000	70.30
41.5	2,323,848	83	0.0000	1.0000	70.30
42.5	1,921,727		0.0000	1.0000	70.30
43.5	1,434,653		0.0000	1.0000	70.30
44.5	1,015,037		0.0000	1.0000	70.30
45.5	984,906		0.0000	1.0000	70.30
46.5					70.30

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 330.00 RIGHTS OF WAY
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE

PLACEMENT BAND 1910-2012 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	841,697		0.0000	1.0000	100.00
0.5	841,697		0.0000	1.0000	100.00
1.5	841,697		0.0000	1.0000	100.00
2.5	846,256		0.0000	1.0000	100.00
3.5	850,337		0.0000	1.0000	100.00
4.5	1,112,481		0.0000	1.0000	100.00
5.5	1,116,652		0.0000	1.0000	100.00
6.5	12,846,650		0.0000	1.0000	100.00
7.5	13,215,691		0.0000	1.0000	100.00
8.5	13,212,835		0.0000	1.0000	100.00
9.5	13,236,414		0.0000	1.0000	100.00
10.5	13,236,414		0.0000	1.0000	100.00
11.5	13,236,414		0.0000	1.0000	100.00
12.5	13,236,414		0.0000	1.0000	100.00
13.5	20,137,454		0.0000	1.0000	100.00
14.5	20,574,927		0.0000	1.0000	100.00
15.5	20,137,454		0.0000	1.0000	100.00
16.5	20,137,454		0.0000	1.0000	100.00
17.5	20,137,454		0.0000	1.0000	100.00
18.5	20,173,630		0.0000	1.0000	100.00
19.5	20,173,630		0.0000	1.0000	100.00
20.5	20,173,630		0.0000	1.0000	100.00
21.5	20,173,768		0.0000	1.0000	100.00
22.5	20,173,768		0.0000	1.0000	100.00
23.5	20,169,413		0.0000	1.0000	100.00
24.5	20,169,413		0.0000	1.0000	100.00
25.5	20,169,787		0.0000	1.0000	100.00
26.5	20,169,787	253	0.0000	1.0000	100.00
27.5	20,169,534		0.0000	1.0000	100.00
28.5	20,158,362		0.0000	1.0000	100.00
29.5	20,158,362		0.0000	1.0000	100.00
30.5	19,434,670		0.0000	1.0000	100.00
31.5	19,434,670	8,273	0.0004	0.9996	100.00
32.5	19,436,914		0.0000	1.0000	99.96
33.5	19,436,914		0.0000	1.0000	99.96
34.5	19,362,868		0.0000	1.0000	99.96
35.5	19,362,868		0.0000	1.0000	99.96
36.5	19,362,868		0.0000	1.0000	99.96
37.5	19,362,868		0.0000	1.0000	99.96
38.5	19,362,868		0.0000	1.0000	99.96

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1910-2012 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	19,361,261		0.0000	1.0000	99.96
40.5	19,361,261		0.0000	1.0000	99.96
41.5	19,361,261		0.0000	1.0000	99.96
42.5	19,326,737		0.0000	1.0000	99.96
43.5	19,326,737		0.0000	1.0000	99.96
44.5	19,322,656		0.0000	1.0000	99.96
45.5	19,322,656		0.0000	1.0000	99.96
46.5	19,318,485		0.0000	1.0000	99.96
47.5	19,282,309		0.0000	1.0000	99.96
48.5	18,957,451		0.0000	1.0000	99.96
49.5	19,662,084		0.0000	1.0000	99.96
50.5	7,908,489		0.0000	1.0000	99.96
51.5	7,908,931		0.0000	1.0000	99.96
52.5	9,309,419		0.0000	1.0000	99.96
53.5	9,310,239		0.0000	1.0000	99.96
54.5	9,629,797		0.0000	1.0000	99.96
55.5	9,630,926		0.0000	1.0000	99.96
56.5	9,641,747		0.0000	1.0000	99.96
57.5	2,762,226	25	0.0000	1.0000	99.96
58.5	3,354,681		0.0000	1.0000	99.96
59.5	3,344,902		0.0000	1.0000	99.96
60.5	3,350,789		0.0000	1.0000	99.96
61.5	3,386,885	8,818	0.0026	0.9974	99.96
62.5	3,392,121		0.0000	1.0000	99.70
63.5	3,393,193		0.0000	1.0000	99.70
64.5	3,394,068		0.0000	1.0000	99.70
65.5	3,402,145		0.0000	1.0000	99.70
66.5	3,403,138		0.0000	1.0000	99.70
67.5	3,462,794		0.0000	1.0000	99.70
68.5	3,504,797	67,995	0.0194	0.9806	99.70
69.5	3,437,137	442	0.0001	0.9999	97.76
70.5	3,436,581		0.0000	1.0000	97.75
71.5	3,435,525		0.0000	1.0000	97.75
72.5	3,428,987		0.0000	1.0000	97.75
73.5	3,427,915		0.0000	1.0000	97.75
74.5	3,427,376		0.0000	1.0000	97.75
75.5	3,431,205		0.0000	1.0000	97.75
76.5	3,431,205		0.0000	1.0000	97.75
77.5	3,431,205		0.0000	1.0000	97.75
78.5	3,447,616	6,613	0.0019	0.9981	97.75

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

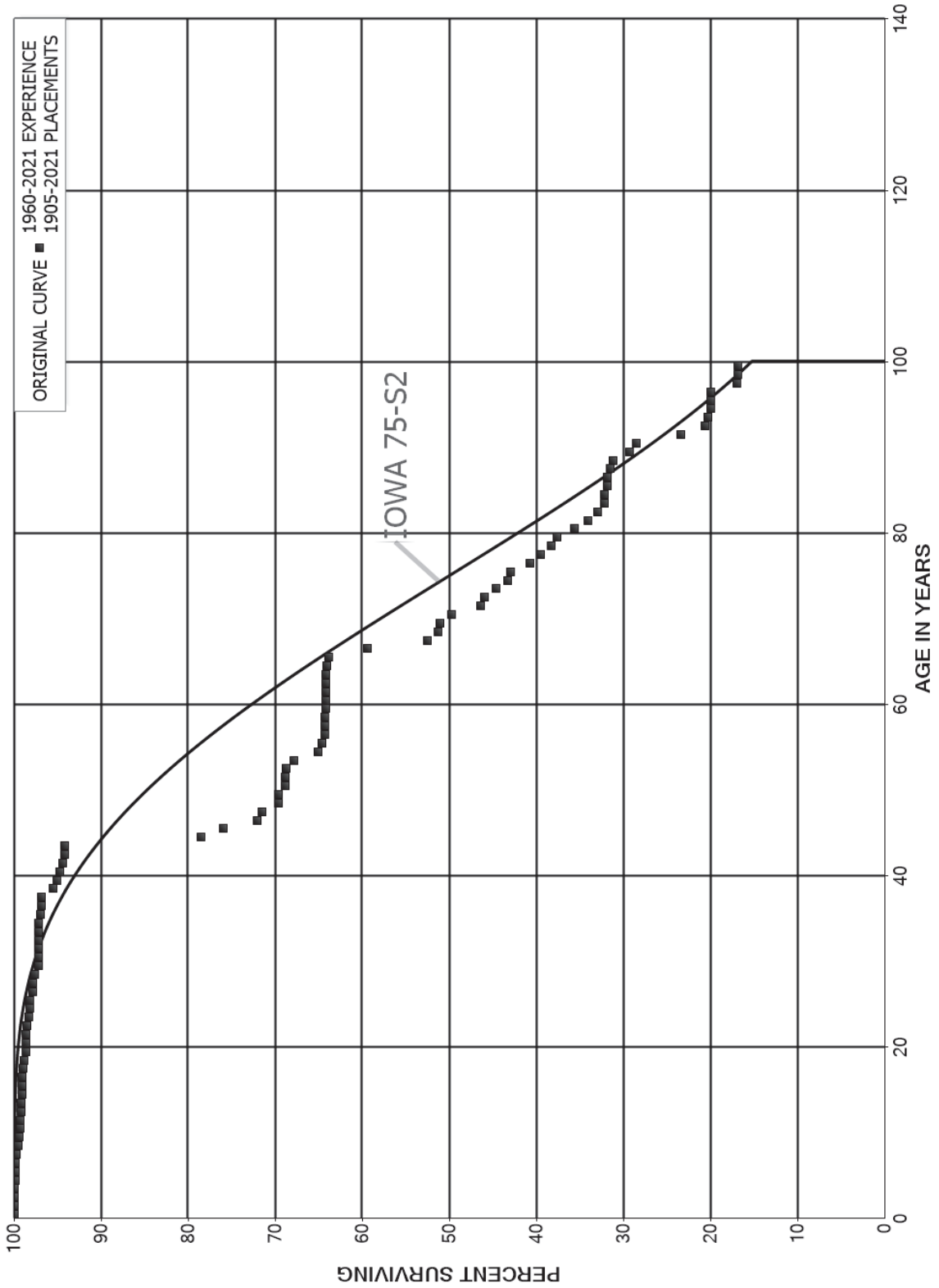
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1910-2012 EXPERIENCE BAND 1978-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	3,379,482		0.0000	1.0000	97.56
80.5	3,326,507		0.0000	1.0000	97.56
81.5	3,326,507		0.0000	1.0000	97.56
82.5	3,327,593		0.0000	1.0000	97.56
83.5	3,327,593		0.0000	1.0000	97.56
84.5	3,277,166		0.0000	1.0000	97.56
85.5	3,277,166		0.0000	1.0000	97.56
86.5	3,277,166		0.0000	1.0000	97.56
87.5	3,277,166		0.0000	1.0000	97.56
88.5	3,277,166		0.0000	1.0000	97.56
89.5	3,277,166		0.0000	1.0000	97.56
90.5	3,277,166		0.0000	1.0000	97.56
91.5	3,277,166		0.0000	1.0000	97.56
92.5	3,031,050		0.0000	1.0000	97.56
93.5	2,335,260		0.0000	1.0000	97.56
94.5	2,335,260		0.0000	1.0000	97.56
95.5	2,335,260		0.0000	1.0000	97.56
96.5	982,391		0.0000	1.0000	97.56
97.5	982,391		0.0000	1.0000	97.56
98.5	662,833		0.0000	1.0000	97.56
99.5	662,833		0.0000	1.0000	97.56
100.5	662,833		0.0000	1.0000	97.56
101.5	662,833		0.0000	1.0000	97.56
102.5	58,904		0.0000	1.0000	97.56
103.5	58,904		0.0000	1.0000	97.56
104.5	58,904		0.0000	1.0000	97.56
105.5	23,108		0.0000	1.0000	97.56
106.5	15,682		0.0000	1.0000	97.56
107.5	15,682		0.0000	1.0000	97.56
108.5	15,682		0.0000	1.0000	97.56
109.5	15,682		0.0000	1.0000	97.56
110.5	15,682		0.0000	1.0000	97.56
111.5					97.56

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	532,848,211	3,650	0.0000	1.0000	100.00
0.5	516,500,407	137,937	0.0003	0.9997	100.00
1.5	505,652,006	80,207	0.0002	0.9998	99.97
2.5	476,825,924	65,061	0.0001	0.9999	99.96
3.5	448,170,045	261,815	0.0006	0.9994	99.94
4.5	401,324,060	298,729	0.0007	0.9993	99.88
5.5	393,744,336		0.0000	1.0000	99.81
6.5	387,182,406	151,586	0.0004	0.9996	99.81
7.5	383,045,639	1,098,837	0.0029	0.9971	99.77
8.5	377,485,155	235,630	0.0006	0.9994	99.49
9.5	371,612,511	434,104	0.0012	0.9988	99.42
10.5	308,323,722	131,634	0.0004	0.9996	99.31
11.5	306,800,203	158,273	0.0005	0.9995	99.26
12.5	304,715,821	226,677	0.0007	0.9993	99.21
13.5	302,826,810	157,790	0.0005	0.9995	99.14
14.5	301,898,916	114,374	0.0004	0.9996	99.09
15.5	300,026,794	48,950	0.0002	0.9998	99.05
16.5	298,878,727	325,094	0.0011	0.9989	99.03
17.5	298,098,854	370,543	0.0012	0.9988	98.93
18.5	297,672,360	496,303	0.0017	0.9983	98.80
19.5	295,245,895	59,641	0.0002	0.9998	98.64
20.5	293,468,201	83,157	0.0003	0.9997	98.62
21.5	287,174,579	200,651	0.0007	0.9993	98.59
22.5	280,537,870	750,828	0.0027	0.9973	98.52
23.5	277,723,908	196,205	0.0007	0.9993	98.26
24.5	271,960,029	24,650	0.0001	0.9999	98.19
25.5	267,927,172	899,627	0.0034	0.9966	98.18
26.5	264,517,258	100,552	0.0004	0.9996	97.85
27.5	262,395,129	642,451	0.0024	0.9976	97.81
28.5	261,174,877	945,462	0.0036	0.9964	97.57
29.5	255,756,944	93,744	0.0004	0.9996	97.22
30.5	36,463,323	5,621	0.0002	0.9998	97.18
31.5	36,268,089	8,203	0.0002	0.9998	97.17
32.5	36,402,975	7,563	0.0002	0.9998	97.15
33.5	36,187,708	1,832	0.0001	0.9999	97.13
34.5	36,697,145	61,399	0.0017	0.9983	97.12
35.5	36,379,781	67,056	0.0018	0.9982	96.96
36.5	36,493,964		0.0000	1.0000	96.78
37.5	33,375,484	433,941	0.0130	0.9870	96.78
38.5	32,902,738	149,223	0.0045	0.9955	95.52

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	32,837,204	141,785	0.0043	0.9957	95.09
40.5	33,181,422	95,413	0.0029	0.9971	94.68
41.5	32,862,278	64,737	0.0020	0.9980	94.41
42.5	32,782,055	2,964	0.0001	0.9999	94.22
43.5	32,901,684	5,485,367	0.1667	0.8333	94.21
44.5	27,444,359	882,574	0.0322	0.9678	78.51
45.5	26,520,530	1,352,610	0.0510	0.9490	75.98
46.5	24,183,469	185,288	0.0077	0.9923	72.11
47.5	23,986,276	654,394	0.0273	0.9727	71.55
48.5	12,275,723	6,368	0.0005	0.9995	69.60
49.5	12,366,806	124,785	0.0101	0.9899	69.56
50.5	12,517,143	14,075	0.0011	0.9989	68.86
51.5	12,581,067	11,566	0.0009	0.9991	68.79
52.5	12,804,111	172,080	0.0134	0.9866	68.72
53.5	12,627,274	511,012	0.0405	0.9595	67.80
54.5	12,383,158	82,234	0.0066	0.9934	65.05
55.5	12,300,046	70,176	0.0057	0.9943	64.62
56.5	12,225,811		0.0000	1.0000	64.25
57.5	12,225,482	2,800	0.0002	0.9998	64.25
58.5	5,630,062	1,440	0.0003	0.9997	64.24
59.5	5,627,399	2,339	0.0004	0.9996	64.22
60.5	5,625,029	1,547	0.0003	0.9997	64.20
61.5	5,623,435	363	0.0001	0.9999	64.18
62.5	5,623,072	1,676	0.0003	0.9997	64.17
63.5	5,620,730	6,235	0.0011	0.9989	64.16
64.5	5,613,571	17,277	0.0031	0.9969	64.08
65.5	5,594,620	391,377	0.0700	0.9300	63.89
66.5	5,082,946	592,305	0.1165	0.8835	59.42
67.5	4,415,808	104,079	0.0236	0.9764	52.49
68.5	4,309,028	12,477	0.0029	0.9971	51.26
69.5	4,230,110	116,082	0.0274	0.9726	51.11
70.5	4,040,123	272,438	0.0674	0.9326	49.71
71.5	3,765,719	34,233	0.0091	0.9909	46.35
72.5	3,721,028	109,293	0.0294	0.9706	45.93
73.5	3,611,589	101,340	0.0281	0.9719	44.58
74.5	3,498,745	30,475	0.0087	0.9913	43.33
75.5	3,466,247	183,151	0.0528	0.9472	42.96
76.5	3,274,933	92,877	0.0284	0.9716	40.69
77.5	3,166,359	99,916	0.0316	0.9684	39.53
78.5	3,058,329	57,555	0.0188	0.9812	38.28

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

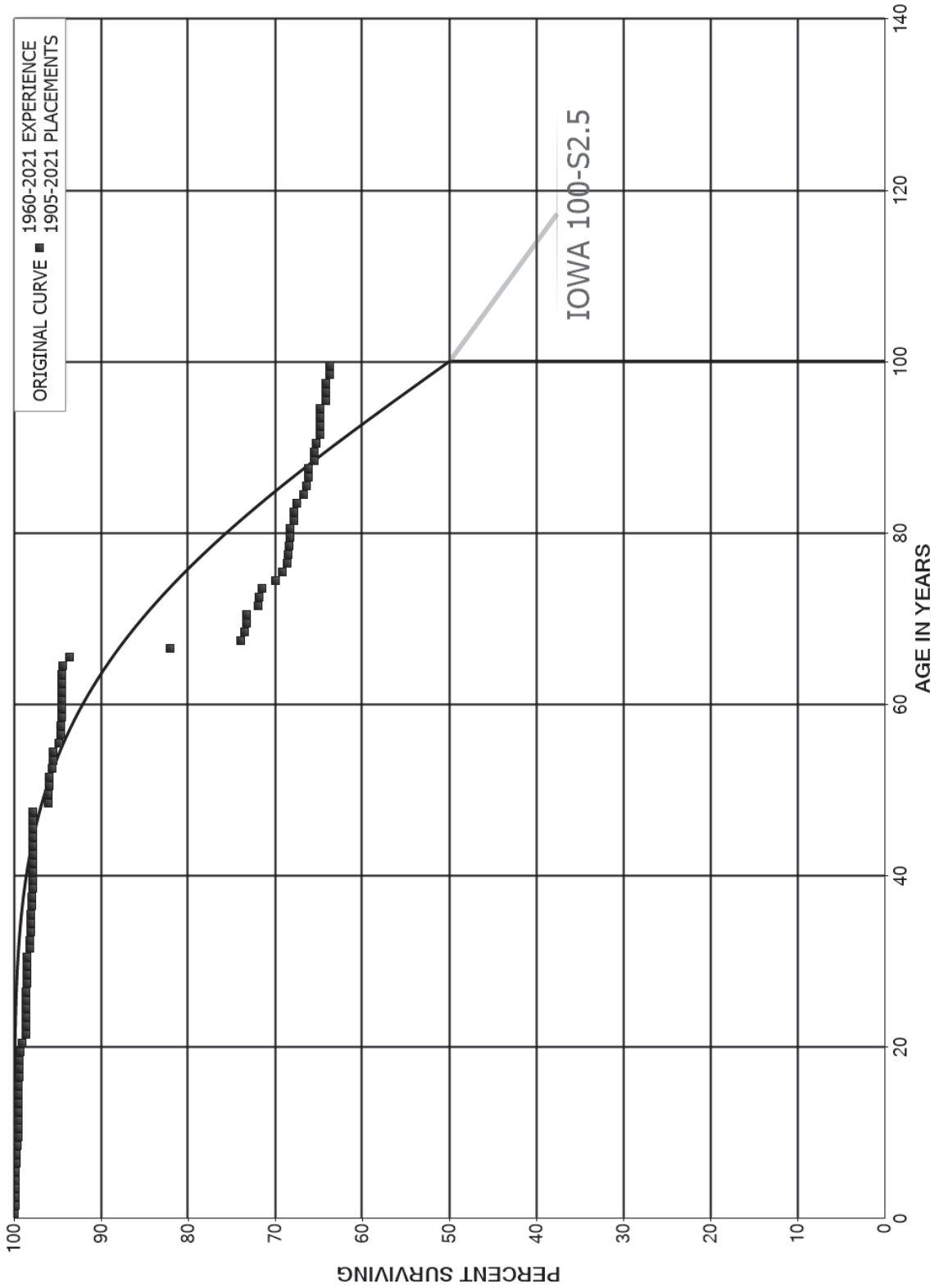
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	2,643,281	135,758	0.0514	0.9486	37.56
80.5	1,957,475	89,221	0.0456	0.9544	35.63
81.5	1,868,254	60,047	0.0321	0.9679	34.01
82.5	1,808,207	39,705	0.0220	0.9780	32.92
83.5	1,768,502	143	0.0001	0.9999	32.19
84.5	1,768,359	18,595	0.0105	0.9895	32.19
85.5	1,749,764	1,093	0.0006	0.9994	31.85
86.5	1,748,671	17,841	0.0102	0.9898	31.83
87.5	1,730,830	17,541	0.0101	0.9899	31.51
88.5	1,713,289	102,665	0.0599	0.9401	31.19
89.5	1,610,624	45,152	0.0280	0.9720	29.32
90.5	1,526,243	273,302	0.1791	0.8209	28.50
91.5	1,252,941	149,199	0.1191	0.8809	23.40
92.5	1,094,915	17,981	0.0164	0.9836	20.61
93.5	1,076,934	14,220	0.0132	0.9868	20.27
94.5	992,274	2,833	0.0029	0.9971	20.00
95.5	980,300	1,252	0.0013	0.9987	19.95
96.5	893,646	131,587	0.1472	0.8528	19.92
97.5	762,059	6,094	0.0080	0.9920	16.99
98.5	716,004	148	0.0002	0.9998	16.85
99.5	677,072	3,431	0.0051	0.9949	16.85
100.5	673,641	2,382	0.0035	0.9965	16.76
101.5	671,259		0.0000	1.0000	16.70
102.5	561,941		0.0000	1.0000	16.70
103.5	561,941	38,679	0.0688	0.9312	16.70
104.5	523,262		0.0000	1.0000	15.55
105.5	523,262		0.0000	1.0000	15.55
106.5	523,262	11,281	0.0216	0.9784	15.55
107.5	511,981	218	0.0004	0.9996	15.22
108.5	511,763		0.0000	1.0000	15.21
109.5	263,021	1,483	0.0056	0.9944	15.21
110.5	261,538		0.0000	1.0000	15.13
111.5	194,863		0.0000	1.0000	15.13
112.5	194,863	939	0.0048	0.9952	15.13
113.5	193,923	196	0.0010	0.9990	15.05
114.5					15.04

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	898,290,827		0.0000	1.0000	100.00
0.5	883,533,165	1,388,853	0.0016	0.9984	100.00
1.5	859,160,072		0.0000	1.0000	99.84
2.5	788,289,588		0.0000	1.0000	99.84
3.5	788,164,485		0.0000	1.0000	99.84
4.5	778,508,116	141,597	0.0002	0.9998	99.84
5.5	771,111,989	430,868	0.0006	0.9994	99.82
6.5	766,640,191	282,060	0.0004	0.9996	99.77
7.5	763,431,487	1,317,330	0.0017	0.9983	99.73
8.5	760,260,504	19,286	0.0000	1.0000	99.56
9.5	758,453,766	91,250	0.0001	0.9999	99.56
10.5	745,164,771	172,800	0.0002	0.9998	99.55
11.5	739,887,606	27,687	0.0000	1.0000	99.52
12.5	681,937,737		0.0000	1.0000	99.52
13.5	654,842,171	354,145	0.0005	0.9995	99.52
14.5	649,209,095	53,591	0.0001	0.9999	99.46
15.5	645,715,084	216,801	0.0003	0.9997	99.46
16.5	633,065,173	260,198	0.0004	0.9996	99.42
17.5	628,268,838	39,659	0.0001	0.9999	99.38
18.5	637,233,699	583,305	0.0009	0.9991	99.38
19.5	624,375,547	1,562,680	0.0025	0.9975	99.29
20.5	616,273,122	2,493,539	0.0040	0.9960	99.04
21.5	605,195,964	11,688	0.0000	1.0000	98.64
22.5	592,775,664	2,290	0.0000	1.0000	98.63
23.5	588,882,427	46,850	0.0001	0.9999	98.63
24.5	586,823,124	45,448	0.0001	0.9999	98.63
25.5	586,080,988	145,975	0.0002	0.9998	98.62
26.5	583,094,532	201,301	0.0003	0.9997	98.59
27.5	576,450,929	184,162	0.0003	0.9997	98.56
28.5	576,021,214	23,871	0.0000	1.0000	98.53
29.5	575,959,872	64,317	0.0001	0.9999	98.52
30.5	127,011,817	396,929	0.0031	0.9969	98.51
31.5	126,797,277	82,067	0.0006	0.9994	98.21
32.5	127,720,549	70,115	0.0005	0.9995	98.14
33.5	127,361,785		0.0000	1.0000	98.09
34.5	129,742,247	39,286	0.0003	0.9997	98.09
35.5	129,837,166	83,930	0.0006	0.9994	98.06
36.5	130,870,843	8,617	0.0001	0.9999	97.99
37.5	130,781,751	159,054	0.0012	0.9988	97.99
38.5	130,622,697		0.0000	1.0000	97.87

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	131,328,333	76,538	0.0006	0.9994	97.87
40.5	137,703,001		0.0000	1.0000	97.81
41.5	137,671,100		0.0000	1.0000	97.81
42.5	138,014,421		0.0000	1.0000	97.81
43.5	138,589,509		0.0000	1.0000	97.81
44.5	139,762,886		0.0000	1.0000	97.81
45.5	139,734,532		0.0000	1.0000	97.81
46.5	139,061,371	2,366	0.0000	1.0000	97.81
47.5	139,002,747	2,546,718	0.0183	0.9817	97.81
48.5	90,031,991		0.0000	1.0000	96.02
49.5	91,047,392	99,925	0.0011	0.9989	96.02
50.5	75,115,664		0.0000	1.0000	95.91
51.5	75,857,298	204,870	0.0027	0.9973	95.91
52.5	76,519,199	133,341	0.0017	0.9983	95.65
53.5	76,385,858	3,421	0.0000	1.0000	95.49
54.5	76,413,353	531,363	0.0070	0.9930	95.48
55.5	75,859,467	159,971	0.0021	0.9979	94.82
56.5	75,699,496	2,338	0.0000	1.0000	94.62
57.5	75,697,108	46,382	0.0006	0.9994	94.62
58.5	60,017,758		0.0000	1.0000	94.56
59.5	60,017,546		0.0000	1.0000	94.56
60.5	60,013,153		0.0000	1.0000	94.56
61.5	60,013,153	13	0.0000	1.0000	94.56
62.5	59,969,252	63,713	0.0011	0.9989	94.56
63.5	59,894,714	23,885	0.0004	0.9996	94.46
64.5	59,853,831	528,320	0.0088	0.9912	94.42
65.5	59,324,471	7,279,922	0.1227	0.8773	93.59
66.5	48,877,448	4,823,290	0.0987	0.9013	82.10
67.5	42,534,203	299,823	0.0070	0.9930	74.00
68.5	42,234,034	91,276	0.0022	0.9978	73.48
69.5	41,342,702	24,692	0.0006	0.9994	73.32
70.5	41,028,931	741,116	0.0181	0.9819	73.28
71.5	39,938,761	81,488	0.0020	0.9980	71.95
72.5	38,687,182	187,484	0.0048	0.9952	71.81
73.5	38,499,517	827,996	0.0215	0.9785	71.46
74.5	37,662,821	386,946	0.0103	0.9897	69.92
75.5	37,242,203	334,620	0.0090	0.9910	69.20
76.5	36,891,703	57,958	0.0016	0.9984	68.58
77.5	36,745,115	45,288	0.0012	0.9988	68.47
78.5	36,699,165	63,954	0.0017	0.9983	68.39

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

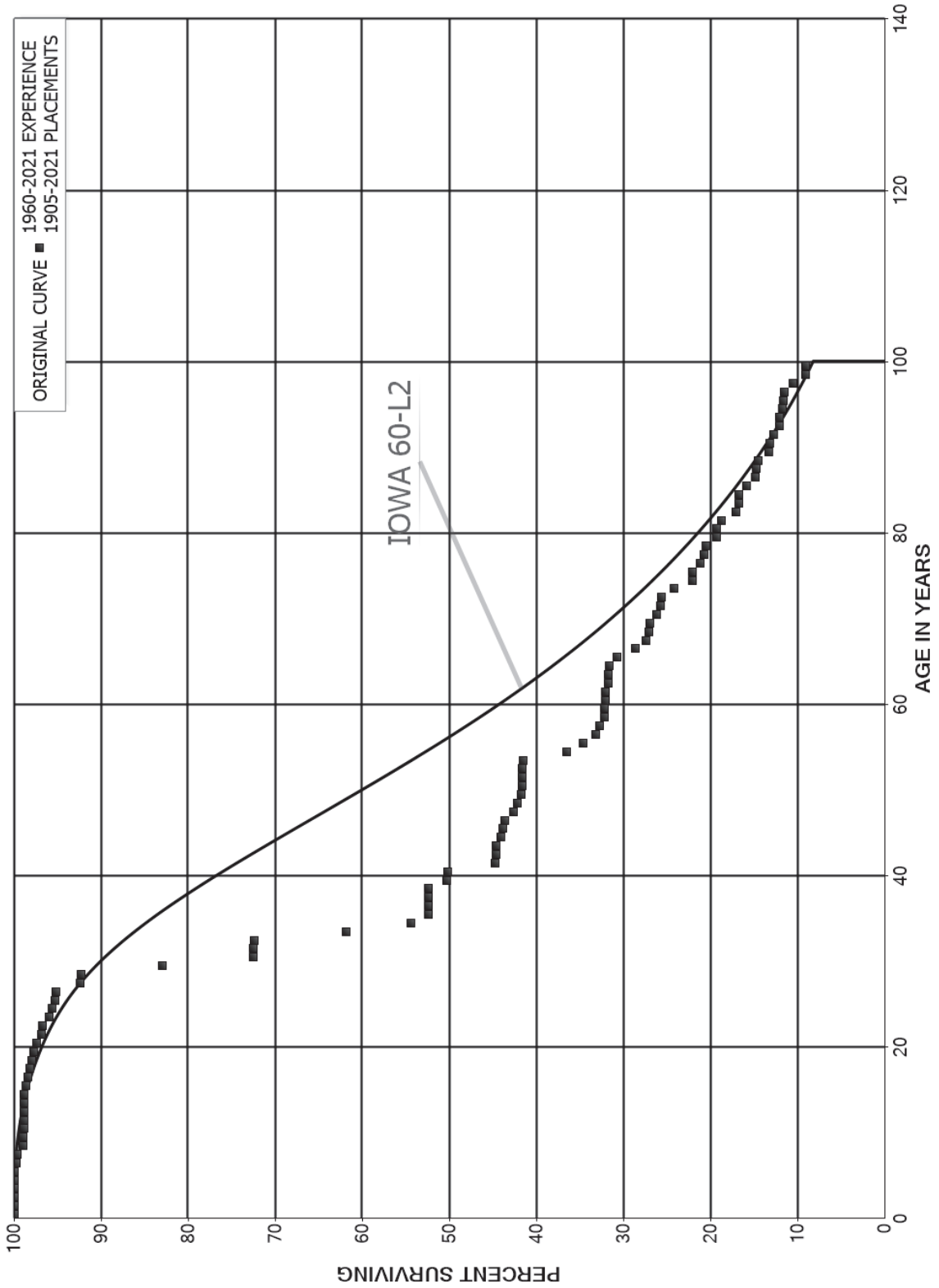
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	29,384,486		0.0000	1.0000	68.27
80.5	24,620,294	154,389	0.0063	0.9937	68.27
81.5	24,465,780	4,868	0.0002	0.9998	67.84
82.5	24,460,912	98,340	0.0040	0.9960	67.83
83.5	24,354,953	289,488	0.0119	0.9881	67.56
84.5	24,065,465	131,434	0.0055	0.9945	66.75
85.5	23,934,031	60,689	0.0025	0.9975	66.39
86.5	23,798,686	1,435	0.0001	0.9999	66.22
87.5	23,797,252	250,004	0.0105	0.9895	66.22
88.5	23,450,026		0.0000	1.0000	65.52
89.5	23,448,259	97,221	0.0041	0.9959	65.52
90.5	23,306,248	135,567	0.0058	0.9942	65.25
91.5	23,170,680	30,550	0.0013	0.9987	64.87
92.5	23,096,484		0.0000	1.0000	64.78
93.5	21,347,183		0.0000	1.0000	64.78
94.5	20,042,601	193,195	0.0096	0.9904	64.78
95.5	18,474,069		0.0000	1.0000	64.16
96.5	14,483,754		0.0000	1.0000	64.16
97.5	14,483,754	100,000	0.0069	0.9931	64.16
98.5	11,417,904	5,857	0.0005	0.9995	63.72
99.5	11,412,047		0.0000	1.0000	63.68
100.5	11,412,047		0.0000	1.0000	63.68
101.5	11,412,047		0.0000	1.0000	63.68
102.5	4,652,462		0.0000	1.0000	63.68
103.5	4,652,462	326	0.0001	0.9999	63.68
104.5	4,652,136	65,394	0.0141	0.9859	63.68
105.5	4,187,980		0.0000	1.0000	62.78
106.5	3,091,171	7,878	0.0025	0.9975	62.78
107.5	3,083,293		0.0000	1.0000	62.62
108.5	3,083,293	1,956	0.0006	0.9994	62.62
109.5	2,981,338	17,113	0.0057	0.9943	62.58
110.5	2,964,224		0.0000	1.0000	62.22
111.5	1,438,512		0.0000	1.0000	62.22
112.5	853,426		0.0000	1.0000	62.22
113.5	853,426		0.0000	1.0000	62.22
114.5					62.22

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	985,415,396		0.0000	1.0000	100.00
0.5	912,775,880		0.0000	1.0000	100.00
1.5	814,522,618	57,151	0.0001	0.9999	100.00
2.5	689,957,779	84,559	0.0001	0.9999	99.99
3.5	657,712,454	296,523	0.0005	0.9995	99.98
4.5	642,517,834	29,540	0.0000	1.0000	99.94
5.5	625,067,184	1,454,349	0.0023	0.9977	99.93
6.5	615,113,471	262,784	0.0004	0.9996	99.70
7.5	577,200,880	4,079,443	0.0071	0.9929	99.66
8.5	551,246,555	184,387	0.0003	0.9997	98.95
9.5	549,651,581	199,806	0.0004	0.9996	98.92
10.5	508,923,600		0.0000	1.0000	98.88
11.5	507,943,939	41,147	0.0001	0.9999	98.88
12.5	507,792,497	48,895	0.0001	0.9999	98.87
13.5	506,897,717	339,271	0.0007	0.9993	98.87
14.5	479,243,074	880,498	0.0018	0.9982	98.80
15.5	472,000,729	1,255,358	0.0027	0.9973	98.62
16.5	448,150,216	1,019,396	0.0023	0.9977	98.36
17.5	427,406,224	724,062	0.0017	0.9983	98.13
18.5	420,875,300	1,129,386	0.0027	0.9973	97.97
19.5	412,497,046	1,108,155	0.0027	0.9973	97.70
20.5	393,522,782	2,430,548	0.0062	0.9938	97.44
21.5	372,158,503	525,863	0.0014	0.9986	96.84
22.5	356,115,699	2,793,221	0.0078	0.9922	96.70
23.5	346,871,500	1,054,081	0.0030	0.9970	95.94
24.5	319,603,603	1,327,397	0.0042	0.9958	95.65
25.5	305,545,697	275,128	0.0009	0.9991	95.25
26.5	293,717,423	8,404,699	0.0286	0.9714	95.17
27.5	280,364,306	593,658	0.0021	0.9979	92.44
28.5	271,215,748	27,279,842	0.1006	0.8994	92.25
29.5	241,780,368	30,572,698	0.1264	0.8736	82.97
30.5	48,747,434	464	0.0000	1.0000	72.48
31.5	48,825,415	32,009	0.0007	0.9993	72.48
32.5	49,464,808	7,207,236	0.1457	0.8543	72.43
33.5	42,227,199	5,128,440	0.1214	0.8786	61.88
34.5	38,417,594	1,389,579	0.0362	0.9638	54.36
35.5	37,206,179		0.0000	1.0000	52.40
36.5	38,281,135		0.0000	1.0000	52.40
37.5	38,227,759	5,071	0.0001	0.9999	52.40
38.5	38,071,720	1,561,876	0.0410	0.9590	52.39

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	36,691,429	77,003	0.0021	0.9979	50.24
40.5	37,748,644	4,086,785	0.1083	0.8917	50.13
41.5	33,661,580	54,896	0.0016	0.9984	44.71
42.5	33,606,488	30,900	0.0009	0.9991	44.63
43.5	33,885,698	434,887	0.0128	0.9872	44.59
44.5	33,568,935	142,217	0.0042	0.9958	44.02
45.5	33,266,136	180,579	0.0054	0.9946	43.83
46.5	30,519,962	704,218	0.0231	0.9769	43.60
47.5	29,793,175	323,423	0.0109	0.9891	42.59
48.5	21,772,328	182,726	0.0084	0.9916	42.13
49.5	21,952,316	77,959	0.0036	0.9964	41.77
50.5	22,728,182		0.0000	1.0000	41.63
51.5	22,899,214	1,065	0.0000	1.0000	41.63
52.5	23,325,923	81,300	0.0035	0.9965	41.62
53.5	23,243,392	2,809,899	0.1209	0.8791	41.48
54.5	20,548,630	1,071,289	0.0521	0.9479	36.46
55.5	19,476,838	789,067	0.0405	0.9595	34.56
56.5	18,687,771	262,550	0.0140	0.9860	33.16
57.5	18,425,222	277,362	0.0151	0.9849	32.70
58.5	10,591,327	2,008	0.0002	0.9998	32.20
59.5	10,589,319	38,609	0.0036	0.9964	32.20
60.5	10,550,710		0.0000	1.0000	32.08
61.5	10,550,330	116,371	0.0110	0.9890	32.08
62.5	10,426,671	5,268	0.0005	0.9995	31.73
63.5	10,420,003	22,114	0.0021	0.9979	31.71
64.5	10,397,518	312,769	0.0301	0.9699	31.64
65.5	10,081,451	684,602	0.0679	0.9321	30.69
66.5	9,356,892	408,136	0.0436	0.9564	28.61
67.5	8,945,447	81,400	0.0091	0.9909	27.36
68.5	8,829,113	40,554	0.0046	0.9954	27.11
69.5	8,740,983	250,772	0.0287	0.9713	26.99
70.5	8,359,606	172,798	0.0207	0.9793	26.21
71.5	8,186,307	4,867	0.0006	0.9994	25.67
72.5	8,146,808	471,902	0.0579	0.9421	25.66
73.5	7,674,596	678,688	0.0884	0.9116	24.17
74.5	6,995,908	5,625	0.0008	0.9992	22.03
75.5	6,990,096	253,088	0.0362	0.9638	22.01
76.5	6,681,198	168,401	0.0252	0.9748	21.22
77.5	6,481,351	43,119	0.0067	0.9933	20.68
78.5	6,431,624	390,354	0.0607	0.9393	20.54

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

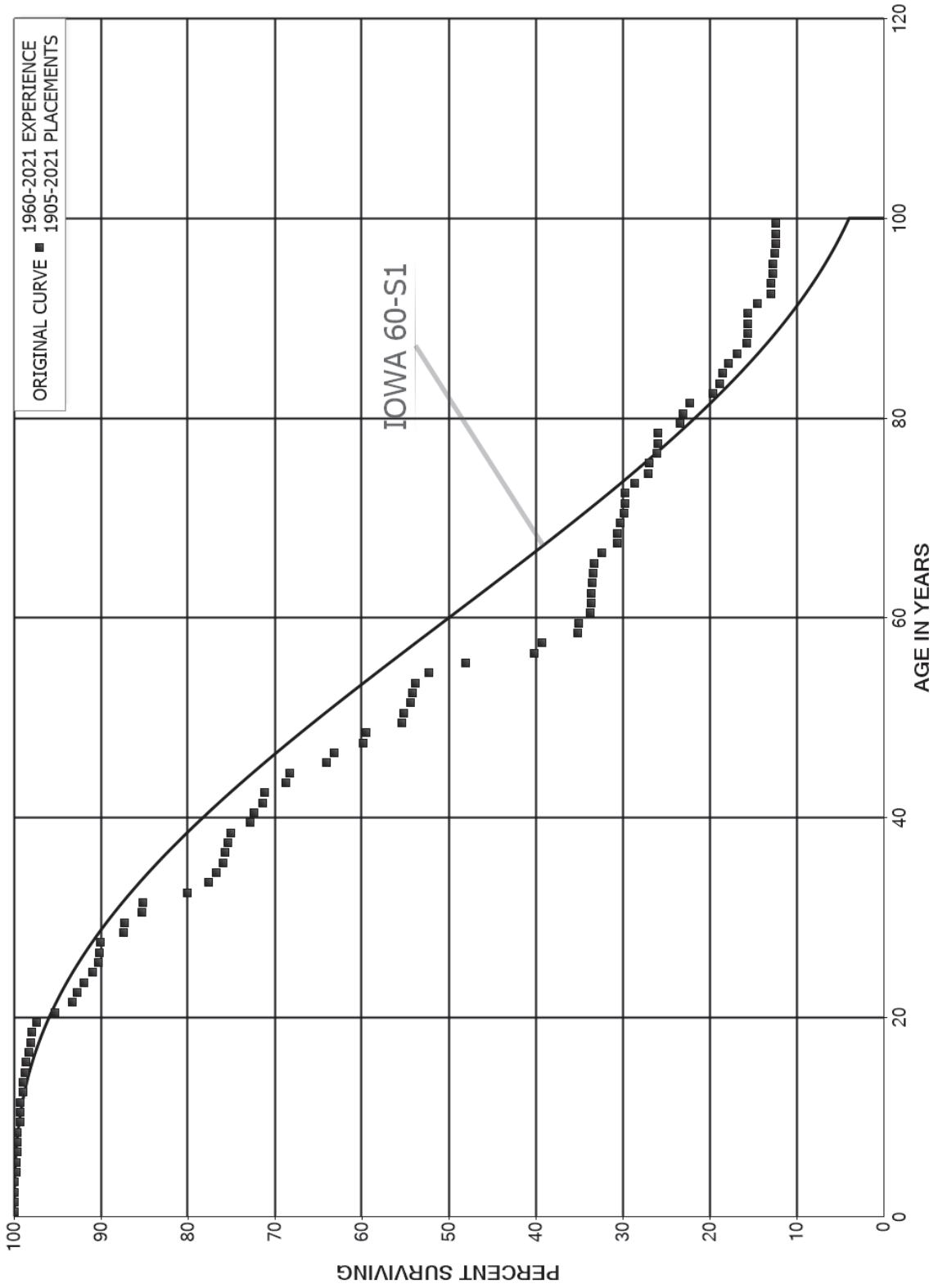
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	5,816,342	1,305	0.0002	0.9998	19.30
80.5	5,425,490	172,125	0.0317	0.9683	19.29
81.5	5,253,365	450,121	0.0857	0.9143	18.68
82.5	4,803,245	87,705	0.0183	0.9817	17.08
83.5	4,715,539		0.0000	1.0000	16.77
84.5	4,715,539	254,839	0.0540	0.9460	16.77
85.5	4,460,700	281,920	0.0632	0.9368	15.86
86.5	4,178,780	27,940	0.0067	0.9933	14.86
87.5	4,150,840	67,821	0.0163	0.9837	14.76
88.5	4,083,019	334,481	0.0819	0.9181	14.52
89.5	3,748,539	46,357	0.0124	0.9876	13.33
90.5	3,702,181	116,111	0.0314	0.9686	13.17
91.5	3,586,070	181,425	0.0506	0.9494	12.75
92.5	3,396,283	380	0.0001	0.9999	12.11
93.5	3,395,903	110,060	0.0324	0.9676	12.11
94.5	3,062,634	19,521	0.0064	0.9936	11.71
95.5	3,043,112	34,750	0.0114	0.9886	11.64
96.5	2,740,300	244,988	0.0894	0.9106	11.51
97.5	2,495,312	336,976	0.1350	0.8650	10.48
98.5	2,035,213		0.0000	1.0000	9.06
99.5	1,856,974	73,471	0.0396	0.9604	9.06
100.5	1,783,503	4,307	0.0024	0.9976	8.70
101.5	1,779,196	4,075	0.0023	0.9977	8.68
102.5	1,458,242	1,019	0.0007	0.9993	8.66
103.5	1,457,223		0.0000	1.0000	8.66
104.5	1,457,223		0.0000	1.0000	8.66
105.5	1,445,794	40	0.0000	1.0000	8.66
106.5	1,368,052		0.0000	1.0000	8.66
107.5	1,368,052		0.0000	1.0000	8.66
108.5	1,368,052		0.0000	1.0000	8.66
109.5	443,082	119,481	0.2697	0.7303	8.66
110.5	323,601		0.0000	1.0000	6.32
111.5	323,601		0.0000	1.0000	6.32
112.5	323,601		0.0000	1.0000	6.32
113.5	323,601		0.0000	1.0000	6.32
114.5					6.32

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	174,310,554		0.0000	1.0000	100.00
0.5	169,738,471	7,508	0.0000	1.0000	100.00
1.5	163,078,075	5,548	0.0000	1.0000	100.00
2.5	156,819,848		0.0000	1.0000	99.99
3.5	153,599,160	352,954	0.0023	0.9977	99.99
4.5	151,924,021	76,985	0.0005	0.9995	99.76
5.5	146,159,764	87,941	0.0006	0.9994	99.71
6.5	144,221,710	106,663	0.0007	0.9993	99.65
7.5	143,565,817	10,986	0.0001	0.9999	99.58
8.5	143,242,253	354,308	0.0025	0.9975	99.57
9.5	141,332,909	15,344	0.0001	0.9999	99.32
10.5	132,860,376	89,083	0.0007	0.9993	99.31
11.5	132,336,292	403,091	0.0030	0.9970	99.25
12.5	131,707,578	26,566	0.0002	0.9998	98.94
13.5	131,407,911	272,089	0.0021	0.9979	98.92
14.5	130,240,894	75,677	0.0006	0.9994	98.72
15.5	129,436,093	502,041	0.0039	0.9961	98.66
16.5	127,858,160	303,666	0.0024	0.9976	98.28
17.5	126,942,264	154,471	0.0012	0.9988	98.05
18.5	125,318,168	682,001	0.0054	0.9946	97.93
19.5	111,947,212	2,447,164	0.0219	0.9781	97.39
20.5	106,871,749	2,274,782	0.0213	0.9787	95.27
21.5	94,109,757	552,085	0.0059	0.9941	93.24
22.5	90,020,692	668,312	0.0074	0.9926	92.69
23.5	86,440,579	978,462	0.0113	0.9887	92.00
24.5	78,658,713	570,236	0.0072	0.9928	90.96
25.5	73,196,596	136,540	0.0019	0.9981	90.30
26.5	69,676,245	10,715	0.0002	0.9998	90.13
27.5	69,450,035	2,140,190	0.0308	0.9692	90.12
28.5	67,198,963	58,895	0.0009	0.9991	87.34
29.5	66,287,407	1,489,802	0.0225	0.9775	87.27
30.5	11,585,952	12,286	0.0011	0.9989	85.30
31.5	11,502,753	701,866	0.0610	0.9390	85.21
32.5	10,578,625	310,834	0.0294	0.9706	80.01
33.5	10,010,478	116,591	0.0116	0.9884	77.66
34.5	9,429,628	104,474	0.0111	0.9889	76.76
35.5	8,894,880	15,243	0.0017	0.9983	75.91
36.5	8,942,487	40,750	0.0046	0.9954	75.78
37.5	8,860,818	40,460	0.0046	0.9954	75.43
38.5	8,773,062	269,477	0.0307	0.9693	75.09

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	8,507,284	45,046	0.0053	0.9947	72.78
40.5	8,244,305	117,890	0.0143	0.9857	72.40
41.5	7,988,035	17,255	0.0022	0.9978	71.36
42.5	7,964,801	279,601	0.0351	0.9649	71.21
43.5	7,531,385	50,669	0.0067	0.9933	68.71
44.5	7,559,153	463,064	0.0613	0.9387	68.25
45.5	7,077,707	94,355	0.0133	0.9867	64.06
46.5	5,992,170	319,218	0.0533	0.9467	63.21
47.5	5,653,485	33,286	0.0059	0.9941	59.84
48.5	2,851,158	194,051	0.0681	0.9319	59.49
49.5	2,693,069	12,271	0.0046	0.9954	55.44
50.5	2,800,370	41,835	0.0149	0.9851	55.19
51.5	2,784,254	11,842	0.0043	0.9957	54.36
52.5	2,873,188	13,958	0.0049	0.9951	54.13
53.5	2,859,230	82,457	0.0288	0.9712	53.87
54.5	2,819,756	227,619	0.0807	0.9193	52.32
55.5	2,590,773	427,778	0.1651	0.8349	48.09
56.5	2,162,941	44,222	0.0204	0.9796	40.15
57.5	2,118,719	225,697	0.1065	0.8935	39.33
58.5	1,545,753	2,380	0.0015	0.9985	35.14
59.5	1,532,244	61,771	0.0403	0.9597	35.09
60.5	1,445,831	2,420	0.0017	0.9983	33.67
61.5	1,442,567	2,403	0.0017	0.9983	33.62
62.5	1,440,165	2,651	0.0018	0.9982	33.56
63.5	1,437,428	2,441	0.0017	0.9983	33.50
64.5	1,434,821	6,153	0.0043	0.9957	33.44
65.5	1,428,668	38,070	0.0266	0.9734	33.30
66.5	1,342,555	75,454	0.0562	0.9438	32.41
67.5	1,222,748	800	0.0007	0.9993	30.59
68.5	1,221,299	9,808	0.0080	0.9920	30.57
69.5	1,183,009	20,973	0.0177	0.9823	30.32
70.5	1,159,948	2,861	0.0025	0.9975	29.79
71.5	1,147,518	576	0.0005	0.9995	29.71
72.5	1,140,162	42,557	0.0373	0.9627	29.70
73.5	1,093,505	56,341	0.0515	0.9485	28.59
74.5	1,036,441	4,335	0.0042	0.9958	27.12
75.5	1,026,590	34,922	0.0340	0.9660	27.00
76.5	988,117	4,779	0.0048	0.9952	26.08
77.5	979,213	907	0.0009	0.9991	25.96
78.5	978,306	95,364	0.0975	0.9025	25.93

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

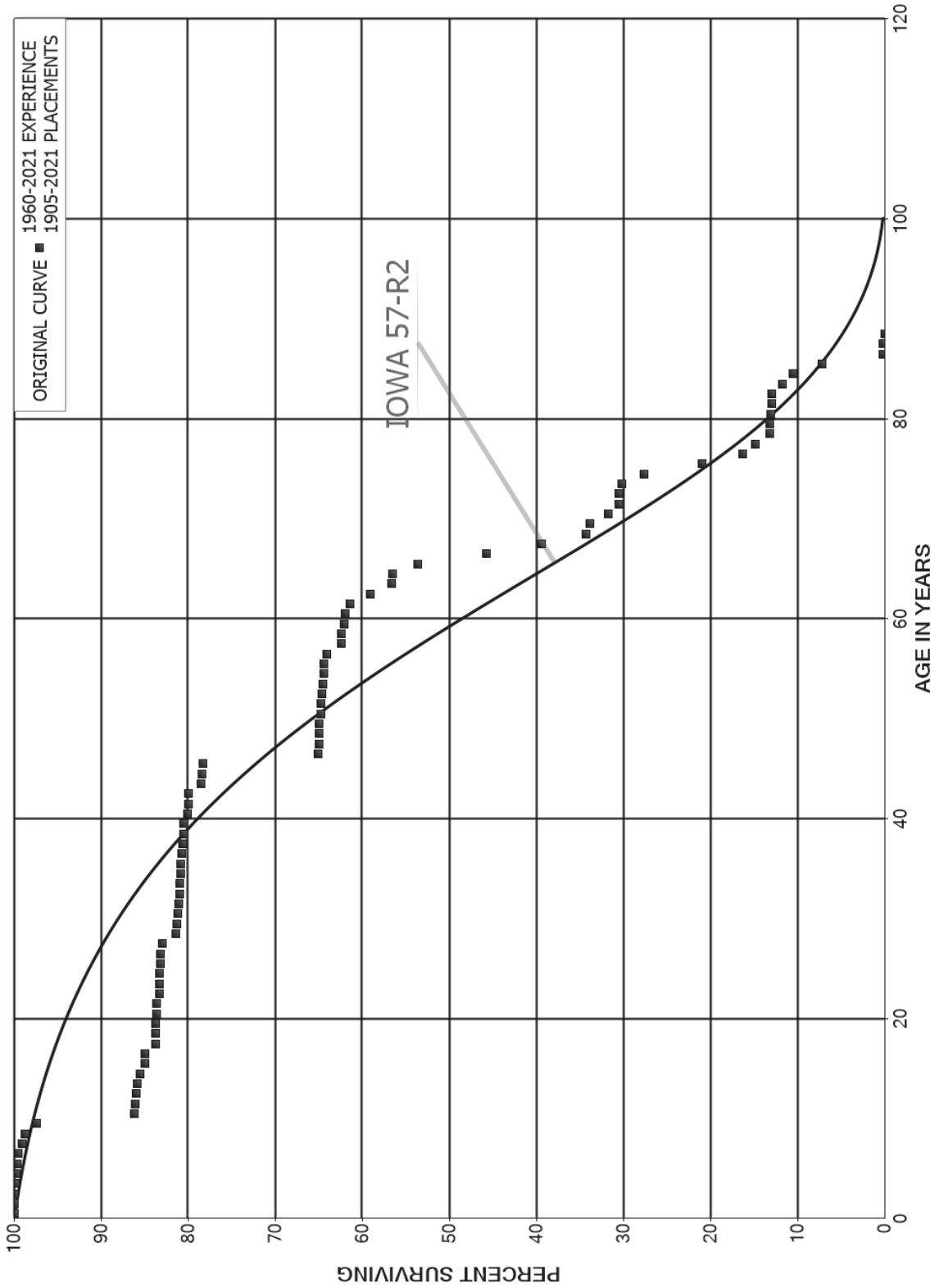
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	881,742	12,479	0.0142	0.9858	23.41
80.5	836,163	29,738	0.0356	0.9644	23.08
81.5	806,425	95,290	0.1182	0.8818	22.25
82.5	711,135	29,874	0.0420	0.9580	19.63
83.5	681,239	11,812	0.0173	0.9827	18.80
84.5	716,305	24,504	0.0342	0.9658	18.47
85.5	691,695	39,126	0.0566	0.9434	17.84
86.5	648,883	41,482	0.0639	0.9361	16.83
87.5	607,401	7,307	0.0120	0.9880	15.76
88.5	600,094		0.0000	1.0000	15.57
89.5	600,094		0.0000	1.0000	15.57
90.5	598,406	40,865	0.0683	0.9317	15.57
91.5	557,541	61,685	0.1106	0.8894	14.50
92.5	495,856		0.0000	1.0000	12.90
93.5	495,856	5,419	0.0109	0.9891	12.90
94.5	490,436		0.0000	1.0000	12.76
95.5	490,436	8,504	0.0173	0.9827	12.76
96.5	348,716	2,477	0.0071	0.9929	12.54
97.5	346,239		0.0000	1.0000	12.45
98.5	259,328	1,462	0.0056	0.9944	12.45
99.5	257,866		0.0000	1.0000	12.38
100.5	257,866		0.0000	1.0000	12.38
101.5	257,866	1,070	0.0041	0.9959	12.38
102.5	256,796		0.0000	1.0000	12.33
103.5	256,796		0.0000	1.0000	12.33
104.5	256,796		0.0000	1.0000	12.33
105.5	243,648		0.0000	1.0000	12.33
106.5	204,917		0.0000	1.0000	12.33
107.5	204,917		0.0000	1.0000	12.33
108.5	204,917		0.0000	1.0000	12.33
109.5	125,043		0.0000	1.0000	12.33
110.5	125,043		0.0000	1.0000	12.33
111.5	89,180		0.0000	1.0000	12.33
112.5	89,180		0.0000	1.0000	12.33
113.5	89,180		0.0000	1.0000	12.33
114.5					12.33

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	87,783,696	11,421	0.0001	0.9999	100.00
0.5	83,564,171	2,886	0.0000	1.0000	99.99
1.5	81,424,265	14,073	0.0002	0.9998	99.98
2.5	63,093,150	59,102	0.0009	0.9991	99.97
3.5	54,277,541	73,439	0.0014	0.9986	99.87
4.5	56,748,674	54,347	0.0010	0.9990	99.74
5.5	54,953,224	104,143	0.0019	0.9981	99.64
6.5	52,934,414	184,890	0.0035	0.9965	99.45
7.5	51,989,224	209,136	0.0040	0.9960	99.11
8.5	49,950,988	668,362	0.0134	0.9866	98.71
9.5	48,219,513	5,564,512	0.1154	0.8846	97.39
10.5	34,773,559	28,284	0.0008	0.9992	86.15
11.5	34,188,803	70,872	0.0021	0.9979	86.08
12.5	34,056,694	11,367	0.0003	0.9997	85.90
13.5	32,940,992	145,935	0.0044	0.9956	85.87
14.5	32,378,305	190,585	0.0059	0.9941	85.49
15.5	31,858,210	28,444	0.0009	0.9991	84.99
16.5	31,718,528	445,804	0.0141	0.9859	84.91
17.5	31,188,230	11,277	0.0004	0.9996	83.72
18.5	31,047,720	3,507	0.0001	0.9999	83.69
19.5	30,360,542	30,140	0.0010	0.9990	83.68
20.5	29,997,087	11,408	0.0004	0.9996	83.60
21.5	29,532,149	83,045	0.0028	0.9972	83.56
22.5	29,402,396	12,855	0.0004	0.9996	83.33
23.5	28,932,360	8,301	0.0003	0.9997	83.29
24.5	28,787,860	21,351	0.0007	0.9993	83.27
25.5	28,504,324	10,289	0.0004	0.9996	83.21
26.5	28,322,331	86,763	0.0031	0.9969	83.18
27.5	27,997,468	505,552	0.0181	0.9819	82.92
28.5	27,182,197	34,523	0.0013	0.9987	81.42
29.5	26,954,209	43,707	0.0016	0.9984	81.32
30.5	5,770,485	6,806	0.0012	0.9988	81.19
31.5	5,491,727	8,257	0.0015	0.9985	81.09
32.5	4,384,215	142	0.0000	1.0000	80.97
33.5	4,146,635	9,432	0.0023	0.9977	80.97
34.5	3,682,817		0.0000	1.0000	80.78
35.5	3,284,860	364	0.0001	0.9999	80.78
36.5	3,246,396	8,527	0.0026	0.9974	80.78
37.5	3,176,019	467	0.0001	0.9999	80.56
38.5	3,162,254	2,586	0.0008	0.9992	80.55

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	3,111,417	16,212	0.0052	0.9948	80.49
40.5	3,106,871	2,801	0.0009	0.9991	80.07
41.5	2,943,182	427	0.0001	0.9999	79.99
42.5	2,653,610	50,476	0.0190	0.9810	79.98
43.5	2,444,747	1,035	0.0004	0.9996	78.46
44.5	2,439,322	3,125	0.0013	0.9987	78.43
45.5	2,414,691	407,582	0.1688	0.8312	78.33
46.5	1,776,561	3,991	0.0022	0.9978	65.11
47.5	1,735,235	429	0.0002	0.9998	64.96
48.5	799,716	222	0.0003	0.9997	64.94
49.5	810,441	2,619	0.0032	0.9968	64.93
50.5	501,146	198	0.0004	0.9996	64.72
51.5	526,955	615	0.0012	0.9988	64.69
52.5	591,040	548	0.0009	0.9991	64.61
53.5	590,492	1,449	0.0025	0.9975	64.56
54.5	590,722		0.0000	1.0000	64.40
55.5	590,722	3,100	0.0052	0.9948	64.40
56.5	587,622	15,644	0.0266	0.9734	64.06
57.5	571,978		0.0000	1.0000	62.35
58.5	571,978	2,788	0.0049	0.9951	62.35
59.5	569,190	564	0.0010	0.9990	62.05
60.5	568,626	5,250	0.0092	0.9908	61.99
61.5	563,376	21,220	0.0377	0.9623	61.42
62.5	542,156	23,141	0.0427	0.9573	59.10
63.5	519,015	203	0.0004	0.9996	56.58
64.5	518,812	26,496	0.0511	0.9489	56.56
65.5	492,316	73,175	0.1486	0.8514	53.67
66.5	419,141	58,047	0.1385	0.8615	45.69
67.5	361,094	46,668	0.1292	0.8708	39.36
68.5	314,426	3,815	0.0121	0.9879	34.28
69.5	310,611	19,492	0.0628	0.9372	33.86
70.5	291,119	11,320	0.0389	0.9611	31.74
71.5	279,799		0.0000	1.0000	30.50
72.5	279,799	3,278	0.0117	0.9883	30.50
73.5	276,521	23,352	0.0844	0.9156	30.14
74.5	253,169	61,426	0.2426	0.7574	27.60
75.5	191,743	42,586	0.2221	0.7779	20.90
76.5	149,157	13,133	0.0880	0.9120	16.26
77.5	136,024	15,584	0.1146	0.8854	14.83
78.5	120,440		0.0000	1.0000	13.13

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

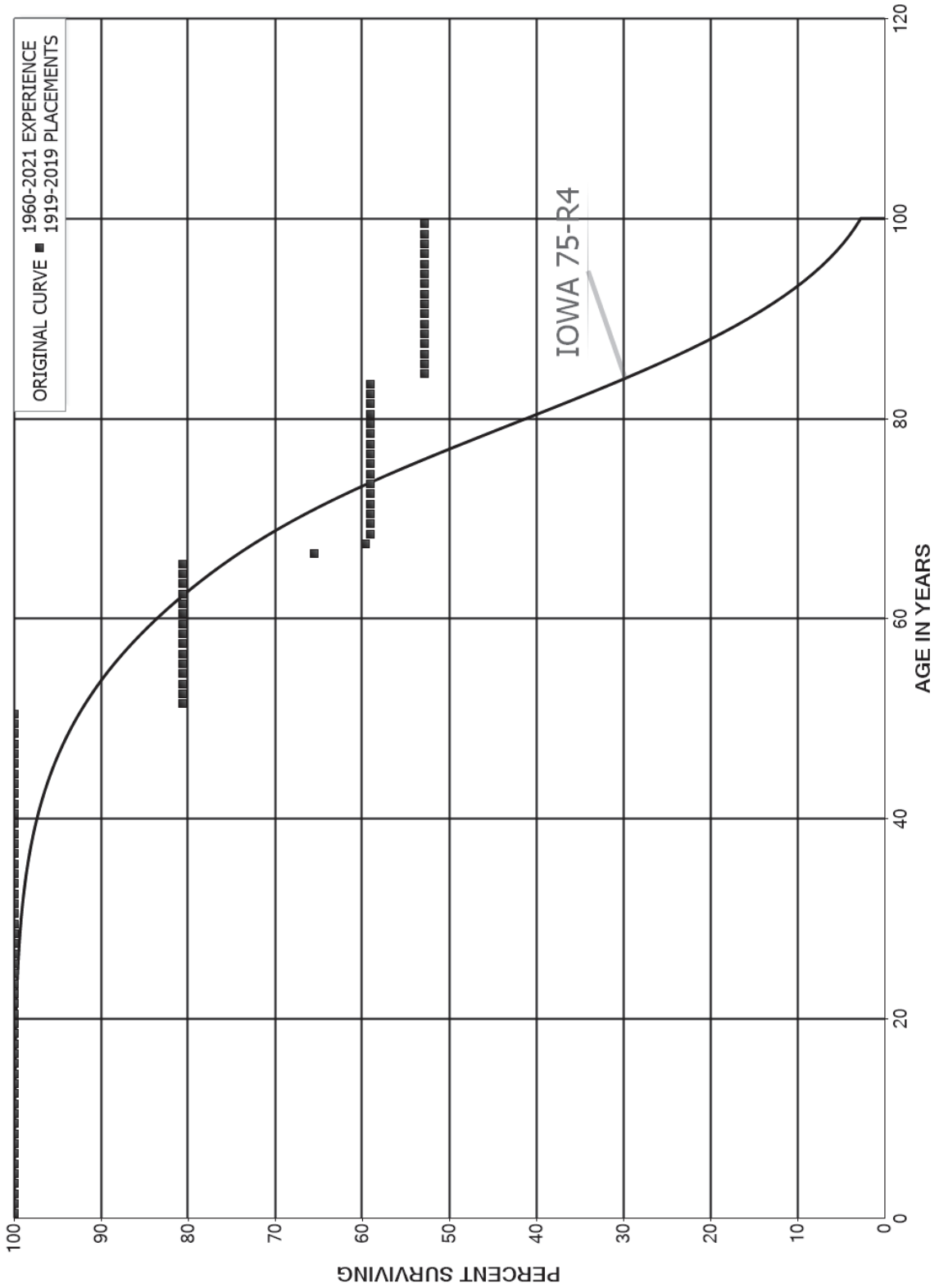
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1905-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	120,440	99	0.0008	0.9992	13.13
80.5	120,341	1,403	0.0117	0.9883	13.12
81.5	118,938		0.0000	1.0000	12.97
82.5	118,938	11,822	0.0994	0.9006	12.97
83.5	107,116	10,414	0.0972	0.9028	11.68
84.5	96,702	30,761	0.3181	0.6819	10.54
85.5	65,941	63,996	0.9705	0.0295	7.19
86.5	1,945	211	0.1085	0.8915	0.21
87.5	1,734	1,734	1.0000		0.19
88.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2019 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	22,675,746		0.0000	1.0000	100.00
0.5	22,675,746		0.0000	1.0000	100.00
1.5	22,675,746		0.0000	1.0000	100.00
2.5	21,656,467		0.0000	1.0000	100.00
3.5	21,656,592		0.0000	1.0000	100.00
4.5	21,739,245		0.0000	1.0000	100.00
5.5	21,784,814		0.0000	1.0000	100.00
6.5	21,784,814		0.0000	1.0000	100.00
7.5	21,811,175		0.0000	1.0000	100.00
8.5	21,811,175		0.0000	1.0000	100.00
9.5	20,029,530		0.0000	1.0000	100.00
10.5	20,032,360		0.0000	1.0000	100.00
11.5	20,032,360		0.0000	1.0000	100.00
12.5	19,974,830		0.0000	1.0000	100.00
13.5	19,974,830		0.0000	1.0000	100.00
14.5	19,974,830		0.0000	1.0000	100.00
15.5	19,974,830		0.0000	1.0000	100.00
16.5	19,974,830		0.0000	1.0000	100.00
17.5	20,166,680		0.0000	1.0000	100.00
18.5	20,225,622		0.0000	1.0000	100.00
19.5	20,225,622		0.0000	1.0000	100.00
20.5	20,225,622	1,289	0.0001	0.9999	100.00
21.5	20,207,780		0.0000	1.0000	99.99
22.5	20,207,780		0.0000	1.0000	99.99
23.5	20,207,780		0.0000	1.0000	99.99
24.5	20,207,780		0.0000	1.0000	99.99
25.5	20,207,780		0.0000	1.0000	99.99
26.5	20,111,505		0.0000	1.0000	99.99
27.5	20,111,505		0.0000	1.0000	99.99
28.5	20,111,505		0.0000	1.0000	99.99
29.5	20,111,505		0.0000	1.0000	99.99
30.5	2,241,806		0.0000	1.0000	99.99
31.5	2,233,309		0.0000	1.0000	99.99
32.5	2,233,309		0.0000	1.0000	99.99
33.5	1,599,673		0.0000	1.0000	99.99
34.5	1,599,673		0.0000	1.0000	99.99
35.5	1,599,673		0.0000	1.0000	99.99
36.5	1,599,673		0.0000	1.0000	99.99
37.5	1,599,673		0.0000	1.0000	99.99
38.5	1,599,673		0.0000	1.0000	99.99

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2019 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	1,599,673		0.0000	1.0000	99.99
40.5	1,693,953		0.0000	1.0000	99.99
41.5	1,693,953		0.0000	1.0000	99.99
42.5	1,693,953		0.0000	1.0000	99.99
43.5	1,693,953		0.0000	1.0000	99.99
44.5	1,689,295		0.0000	1.0000	99.99
45.5	1,689,295		0.0000	1.0000	99.99
46.5	1,610,566		0.0000	1.0000	99.99
47.5	1,610,566		0.0000	1.0000	99.99
48.5	1,195,976		0.0000	1.0000	99.99
49.5	1,195,976		0.0000	1.0000	99.99
50.5	1,195,976	232,152	0.1941	0.8059	99.99
51.5	961,380		0.0000	1.0000	80.58
52.5	961,380		0.0000	1.0000	80.58
53.5	961,380		0.0000	1.0000	80.58
54.5	961,380		0.0000	1.0000	80.58
55.5	961,380		0.0000	1.0000	80.58
56.5	961,380		0.0000	1.0000	80.58
57.5	961,380		0.0000	1.0000	80.58
58.5	511,288		0.0000	1.0000	80.58
59.5	511,288		0.0000	1.0000	80.58
60.5	511,288		0.0000	1.0000	80.58
61.5	511,288		0.0000	1.0000	80.58
62.5	511,288		0.0000	1.0000	80.58
63.5	511,288		0.0000	1.0000	80.58
64.5	511,288		0.0000	1.0000	80.58
65.5	511,163	95,925	0.1877	0.8123	80.58
66.5	332,585	29,471	0.0886	0.9114	65.46
67.5	257,545	2,773	0.0108	0.9892	59.66
68.5	254,772		0.0000	1.0000	59.02
69.5	228,411		0.0000	1.0000	59.02
70.5	228,411		0.0000	1.0000	59.02
71.5	219,733		0.0000	1.0000	59.02
72.5	216,903		0.0000	1.0000	59.02
73.5	216,903		0.0000	1.0000	59.02
74.5	216,903		0.0000	1.0000	59.02
75.5	216,903		0.0000	1.0000	59.02
76.5	216,903		0.0000	1.0000	59.02
77.5	216,903		0.0000	1.0000	59.02
78.5	216,903		0.0000	1.0000	59.02

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

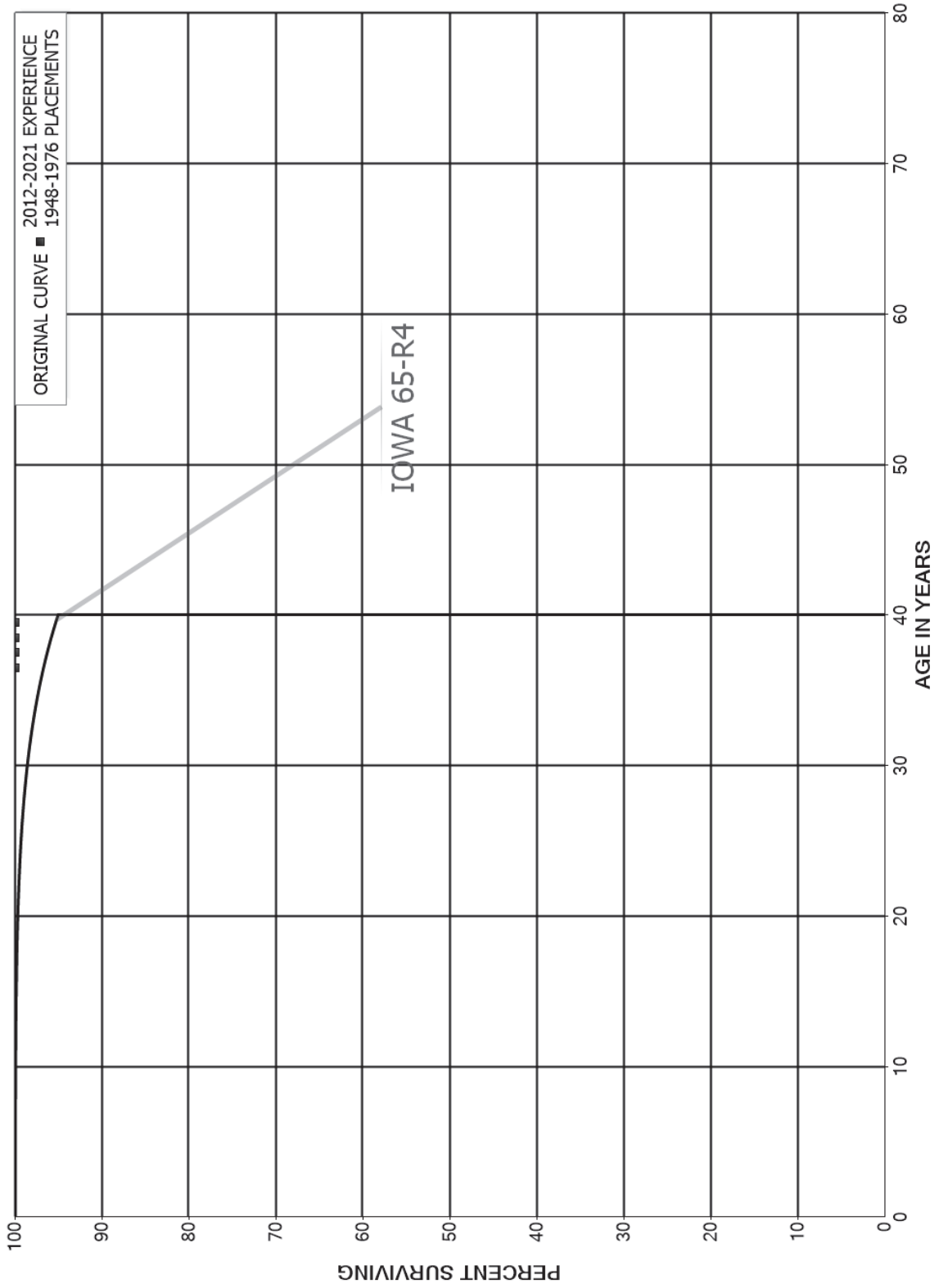
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2019 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	123,751		0.0000	1.0000	59.02
80.5	94,280		0.0000	1.0000	59.02
81.5	94,280		0.0000	1.0000	59.02
82.5	94,280		0.0000	1.0000	59.02
83.5	94,280	9,881	0.1048	0.8952	59.02
84.5	84,399		0.0000	1.0000	52.83
85.5	84,399		0.0000	1.0000	52.83
86.5	84,399		0.0000	1.0000	52.83
87.5	84,399		0.0000	1.0000	52.83
88.5	84,399		0.0000	1.0000	52.83
89.5	84,399		0.0000	1.0000	52.83
90.5	84,399		0.0000	1.0000	52.83
91.5	84,399		0.0000	1.0000	52.83
92.5	84,399		0.0000	1.0000	52.83
93.5	84,399		0.0000	1.0000	52.83
94.5	84,399		0.0000	1.0000	52.83
95.5	84,399		0.0000	1.0000	52.83
96.5	84,399		0.0000	1.0000	52.83
97.5	84,399		0.0000	1.0000	52.83
98.5	84,399		0.0000	1.0000	52.83
99.5	84,399		0.0000	1.0000	52.83
100.5	84,399		0.0000	1.0000	52.83
101.5	84,399		0.0000	1.0000	52.83
102.5					52.83

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 340.00 RIGHTS OF WAY
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 340.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE

PLACEMENT BAND 1948-1976 EXPERIENCE BAND 2012-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0					
0.5					
1.5					
2.5					
3.5					
4.5					
5.5					
6.5					
7.5					
8.5					
9.5					
10.5					
11.5					
12.5					
13.5					
14.5					
15.5					
16.5					
17.5					
18.5					
19.5					
20.5					
21.5					
22.5					
23.5					
24.5					
25.5					
26.5					
27.5					
28.5					
29.5					
30.5					
31.5					
32.5					
33.5					
34.5					
35.5					
36.5	4,000		0.0000	1.0000	100.00
37.5	4,000		0.0000	1.0000	100.00
38.5	4,000		0.0000	1.0000	100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 340.00 RIGHTS OF WAY

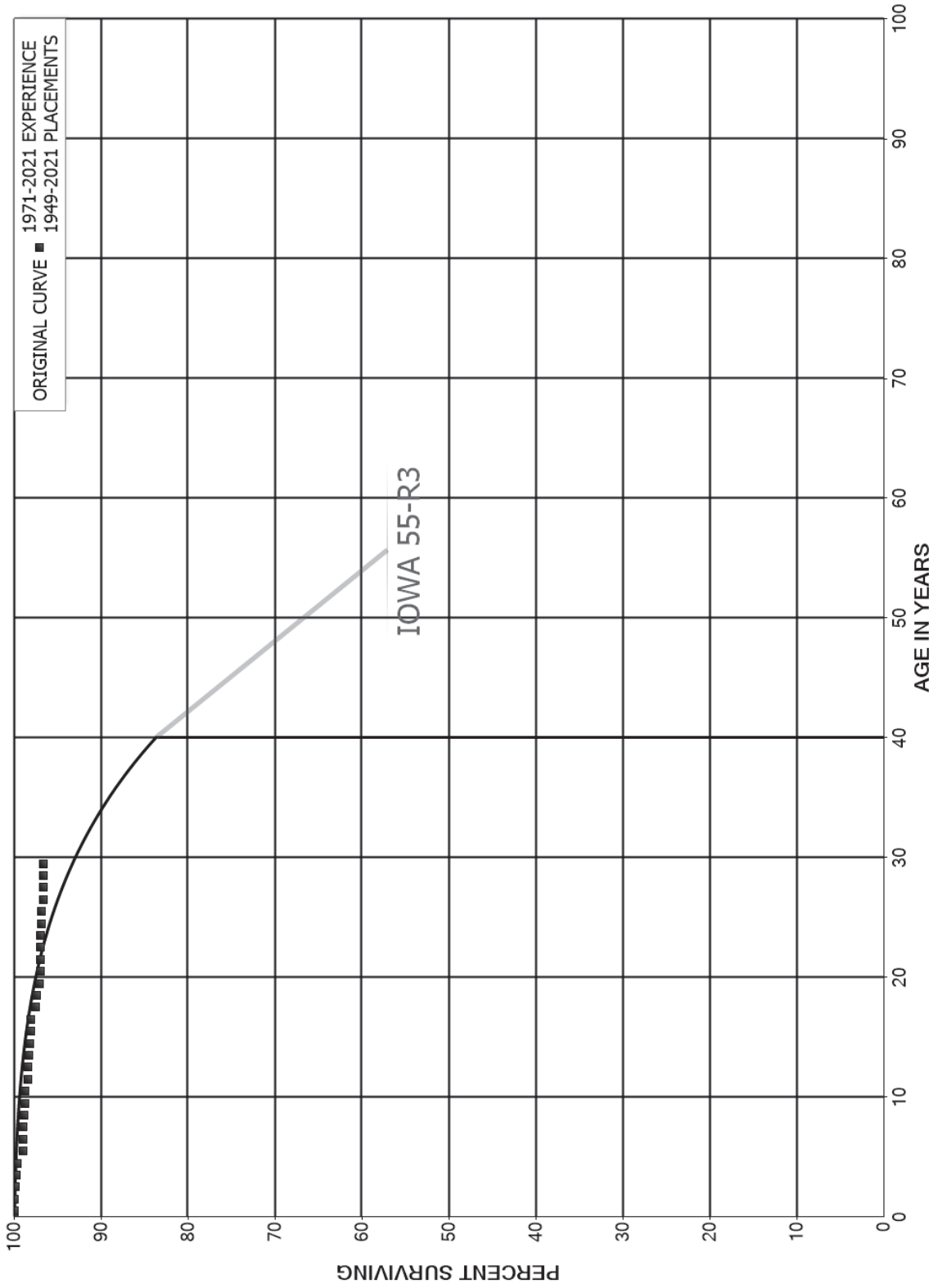
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1948-1976 EXPERIENCE BAND 2012-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	4,000		0.0000	1.0000	100.00
40.5	4,000		0.0000	1.0000	100.00
41.5	4,000		0.0000	1.0000	100.00
42.5	4,000		0.0000	1.0000	100.00
43.5	4,000		0.0000	1.0000	100.00
44.5	4,000		0.0000	1.0000	100.00
45.5					100.00
46.5					
47.5					
48.5					
49.5					
50.5					
51.5					
52.5					
53.5					
54.5					
55.5					
56.5					
57.5					
58.5					
59.5					
60.5					
61.5					
62.5	202		0.0000		
63.5	656		0.0000		
64.5	3,693		0.0000		
65.5	3,693		0.0000		
66.5	3,693		0.0000		
67.5	3,693		0.0000		
68.5	3,693		0.0000		
69.5	3,693		0.0000		
70.5	3,693		0.0000		
71.5	3,491		0.0000		
72.5	3,037		0.0000		
73.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1949-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	501,804,645		0.0000	1.0000	100.00
0.5	497,803,126	143,397	0.0003	0.9997	100.00
1.5	492,454,354	430,633	0.0009	0.9991	99.97
2.5	496,366,349	881,305	0.0018	0.9982	99.88
3.5	356,834,731	217,436	0.0006	0.9994	99.71
4.5	338,437,891	2,216,877	0.0066	0.9934	99.65
5.5	324,985,174	51,141	0.0002	0.9998	98.99
6.5	313,800,860	44,098	0.0001	0.9999	98.98
7.5	312,169,599	447,891	0.0014	0.9986	98.96
8.5	310,004,940	221,798	0.0007	0.9993	98.82
9.5	187,253,129	54,238	0.0003	0.9997	98.75
10.5	60,615,017	204,910	0.0034	0.9966	98.72
11.5	59,678,943	15,848	0.0003	0.9997	98.39
12.5	59,294,559	28,686	0.0005	0.9995	98.36
13.5	58,198,847	85,907	0.0015	0.9985	98.31
14.5	57,826,984	63,053	0.0011	0.9989	98.17
15.5	57,675,847		0.0000	1.0000	98.06
16.5	57,650,932	328,784	0.0057	0.9943	98.06
17.5	57,138,918	44,540	0.0008	0.9992	97.50
18.5	54,402,038	213,363	0.0039	0.9961	97.43
19.5	28,104,482	37,272	0.0013	0.9987	97.05
20.5	28,798,912		0.0000	1.0000	96.92
21.5	27,829,937		0.0000	1.0000	96.92
22.5	27,213,464	3,334	0.0001	0.9999	96.92
23.5	27,575,972	15,039	0.0005	0.9995	96.90
24.5	27,560,933	12,154	0.0004	0.9996	96.85
25.5	27,548,779	56,337	0.0020	0.9980	96.81
26.5	1,335,418		0.0000	1.0000	96.61
27.5	1,316,233		0.0000	1.0000	96.61
28.5	1,278,268		0.0000	1.0000	96.61
29.5	365,842		0.0000	1.0000	96.61
30.5	409,893		0.0000	1.0000	96.61
31.5	409,893		0.0000	1.0000	96.61
32.5	44,051		0.0000	1.0000	96.61
33.5	81,180		0.0000	1.0000	96.61
34.5	224,592		0.0000	1.0000	96.61
35.5	224,592		0.0000	1.0000	96.61
36.5	224,592		0.0000	1.0000	96.61
37.5	224,592		0.0000	1.0000	96.61
38.5	224,592		0.0000	1.0000	96.61

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

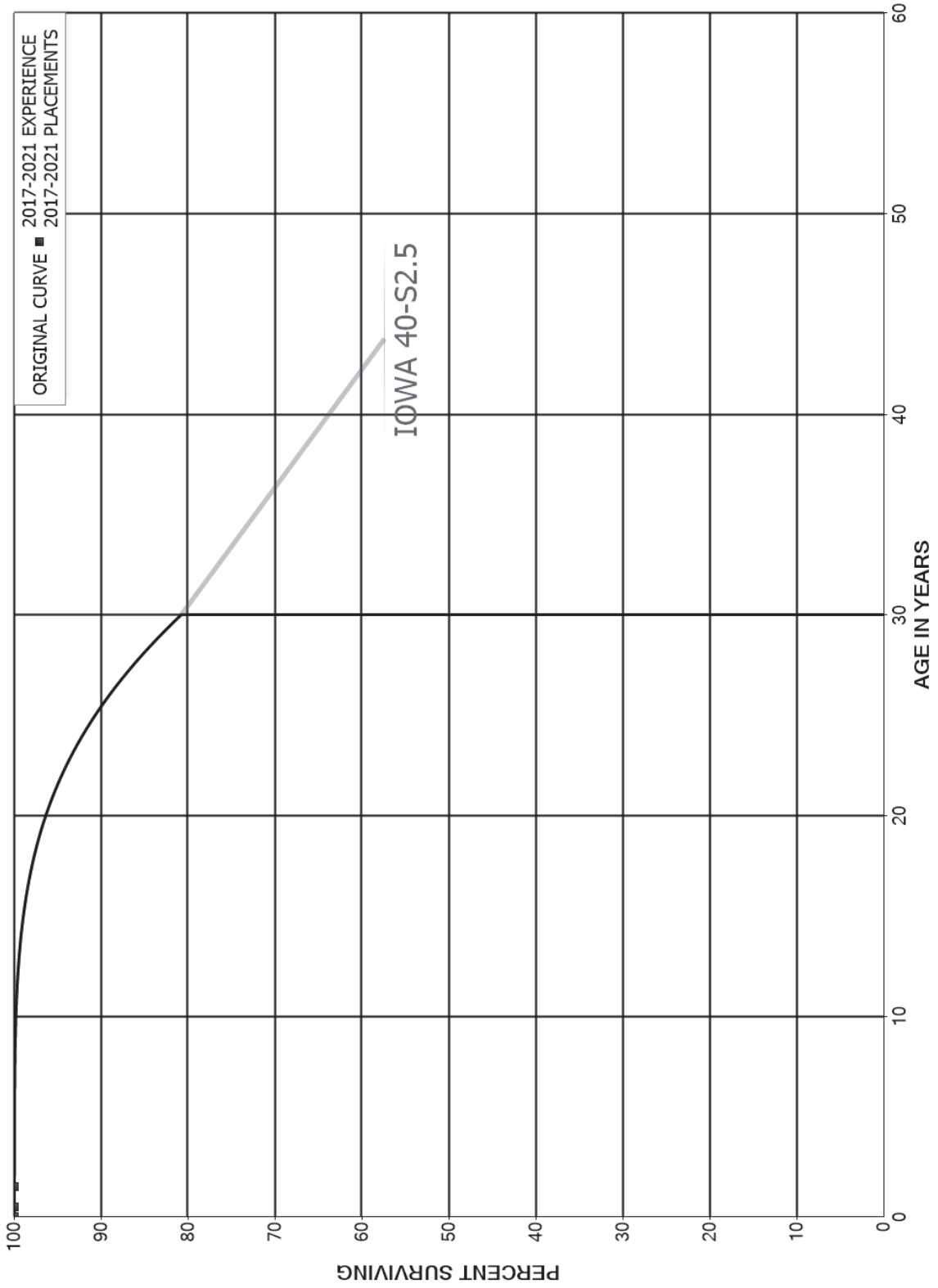
ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1949-2021			EXPERIENCE BAND 1971-2021		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	180,541		0.0000	1.0000	96.61
40.5	180,541		0.0000	1.0000	96.61
41.5	180,541		0.0000	1.0000	96.61
42.5	143,412		0.0000	1.0000	96.61
43.5					96.61
44.5					
45.5					
46.5					
47.5					
48.5					
49.5					
50.5					
51.5					
52.5					
53.5					
54.5					
55.5					
56.5					
57.5					
58.5					
59.5					
60.5					
61.5	2,922,203	36,018	0.0123		
62.5	2,886,185	85,543	0.0296		
63.5	553,204		0.0000		
64.5	553,204		0.0000		
65.5	553,204		0.0000		
66.5	553,204		0.0000		
67.5	553,204		0.0000		
68.5	553,204		0.0000		
69.5	553,204		0.0000		
70.5	553,204	43,129	0.0780		
71.5	510,075		0.0000		
72.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 341.66 STRUCTURES AND IMPROVEMENTS - SOLAR
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.66 STRUCTURES AND IMPROVEMENTS - SOLAR

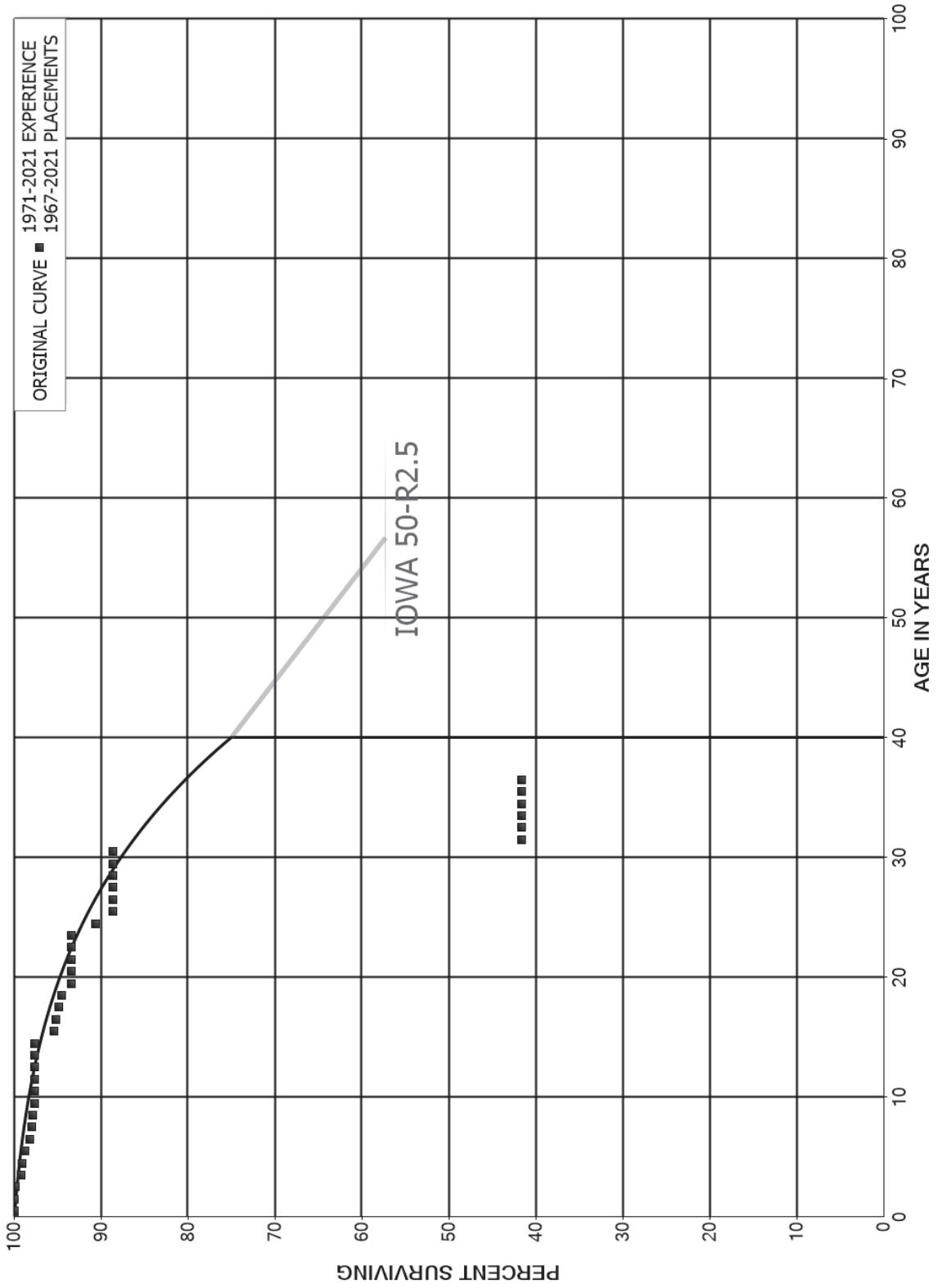
ORIGINAL LIFE TABLE

PLACEMENT BAND 2017-2021 EXPERIENCE BAND 2017-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	7,930,312		0.0000	1.0000	100.00
0.5	3,232,179		0.0000	1.0000	100.00
1.5	2,812,434		0.0000	1.0000	100.00
2.5	2,812,434		0.0000	1.0000	100.00
3.5	2,812,434		0.0000	1.0000	100.00
4.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

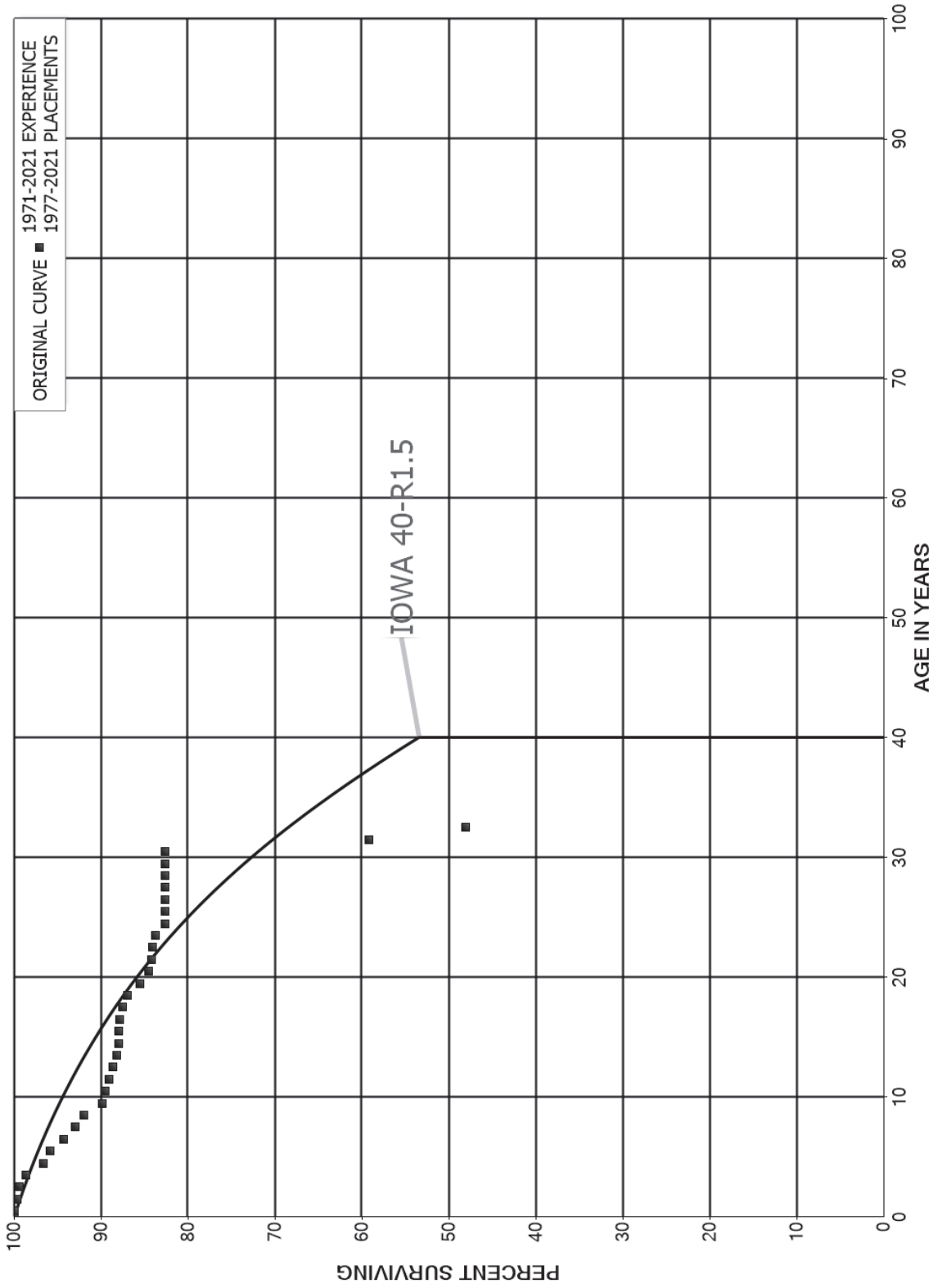
ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	148,679,787		0.0000	1.0000	100.00
0.5	147,517,106	89,138	0.0006	0.9994	100.00
1.5	146,069,314	110,066	0.0008	0.9992	99.94
2.5	141,970,631	1,048,339	0.0074	0.9926	99.86
3.5	82,049,232	37,713	0.0005	0.9995	99.13
4.5	81,883,034	256,057	0.0031	0.9969	99.08
5.5	80,494,088	470,072	0.0058	0.9942	98.77
6.5	79,000,399	177,460	0.0022	0.9978	98.19
7.5	77,581,961	87,949	0.0011	0.9989	97.97
8.5	77,469,043	229,569	0.0030	0.9970	97.86
9.5	58,361,096		0.0000	1.0000	97.57
10.5	30,433,865		0.0000	1.0000	97.57
11.5	30,370,087		0.0000	1.0000	97.57
12.5	30,339,572		0.0000	1.0000	97.57
13.5	30,339,572		0.0000	1.0000	97.57
14.5	30,339,572	670,087	0.0221	0.9779	97.57
15.5	29,669,485	74,837	0.0025	0.9975	95.42
16.5	29,594,648	93,008	0.0031	0.9969	95.18
17.5	29,501,640	105,118	0.0036	0.9964	94.88
18.5	24,166,503	288,291	0.0119	0.9881	94.54
19.5	13,996,175		0.0000	1.0000	93.41
20.5	13,151,108		0.0000	1.0000	93.41
21.5	13,151,108		0.0000	1.0000	93.41
22.5	13,151,108		0.0000	1.0000	93.41
23.5	13,151,108	392,638	0.0299	0.9701	93.41
24.5	12,542,886	280,347	0.0224	0.9776	90.62
25.5	12,202,500		0.0000	1.0000	88.60
26.5	15,074		0.0000	1.0000	88.60
27.5	15,074		0.0000	1.0000	88.60
28.5	15,074		0.0000	1.0000	88.60
29.5	15,074		0.0000	1.0000	88.60
30.5	15,074	8,000	0.5307	0.4693	88.60
31.5	7,074		0.0000	1.0000	41.58
32.5	7,074		0.0000	1.0000	41.58
33.5	7,074		0.0000	1.0000	41.58
34.5	7,074		0.0000	1.0000	41.58
35.5	7,074		0.0000	1.0000	41.58
36.5					41.58

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 343.00 PRIME MOVERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1977-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,183,635,392		0.0000	1.0000	100.00
0.5	1,160,607,426	4,807,858	0.0041	0.9959	100.00
1.5	1,132,458,108	2,729,441	0.0024	0.9976	99.59
2.5	1,078,868,970	7,393,509	0.0069	0.9931	99.35
3.5	934,832,307	19,474,927	0.0208	0.9792	98.66
4.5	908,072,801	6,905,867	0.0076	0.9924	96.61
5.5	898,402,103	14,597,516	0.0162	0.9838	95.87
6.5	869,210,108	12,692,759	0.0146	0.9854	94.32
7.5	850,561,146	9,026,115	0.0106	0.9894	92.94
8.5	815,947,080	18,607,906	0.0228	0.9772	91.95
9.5	646,738,436	2,835,970	0.0044	0.9956	89.86
10.5	496,703,484	2,208,630	0.0044	0.9956	89.46
11.5	490,290,790	2,364,940	0.0048	0.9952	89.06
12.5	487,612,497	2,579,145	0.0053	0.9947	88.63
13.5	478,273,558	1,083,692	0.0023	0.9977	88.17
14.5	424,630,793	179,093	0.0004	0.9996	87.97
15.5	424,451,700	314,938	0.0007	0.9993	87.93
16.5	424,136,762	1,987,612	0.0047	0.9953	87.86
17.5	420,948,968	2,299,277	0.0055	0.9945	87.45
18.5	329,405,644	5,625,497	0.0171	0.9829	86.97
19.5	225,499,017	2,540,494	0.0113	0.9887	85.49
20.5	221,910,660	783,139	0.0035	0.9965	84.53
21.5	220,519,405	449,219	0.0020	0.9980	84.23
22.5	220,046,639	893,205	0.0041	0.9959	84.06
23.5	219,076,180	2,766,146	0.0126	0.9874	83.72
24.5	216,582,403	84,772	0.0004	0.9996	82.66
25.5	168,104,710		0.0000	1.0000	82.63
26.5	831,062		0.0000	1.0000	82.63
27.5	828,702		0.0000	1.0000	82.63
28.5	828,649		0.0000	1.0000	82.63
29.5	828,649		0.0000	1.0000	82.63
30.5	828,649	234,882	0.2835	0.7165	82.63
31.5	593,767	112,236	0.1890	0.8110	59.21
32.5	272,369		0.0000	1.0000	48.01
33.5					48.01
34.5	542,012		0.0000		
35.5	1,539,643		0.0000		
36.5	1,539,643		0.0000		
37.5	1,539,643		0.0000		
38.5	1,539,643	5,004	0.0033		

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

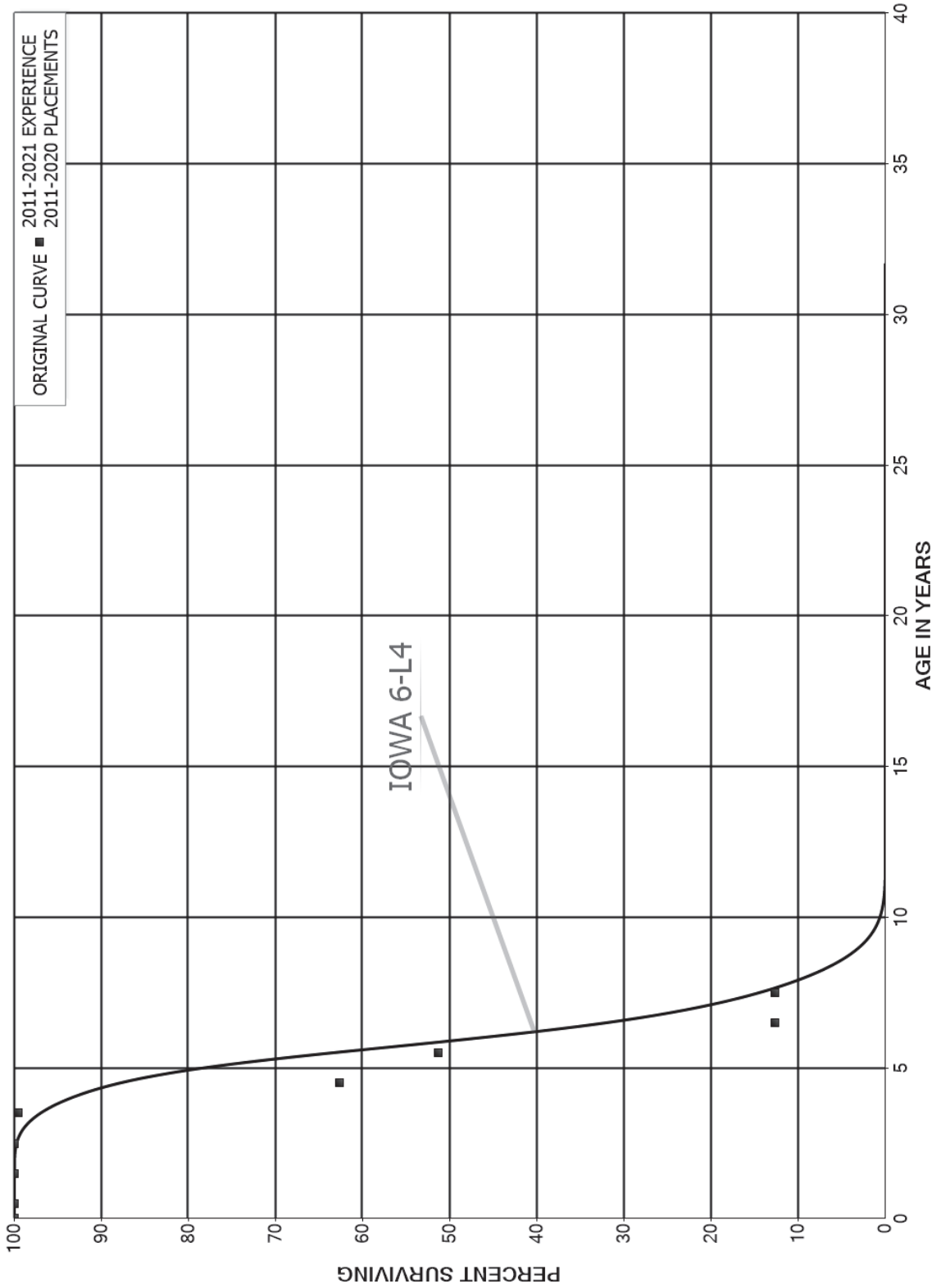
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1977-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	1,534,639		0.0000		
40.5	1,534,639		0.0000		
41.5	1,534,639		0.0000		
42.5	1,534,639	2,676	0.0017		
43.5	989,951		0.0000		
44.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS

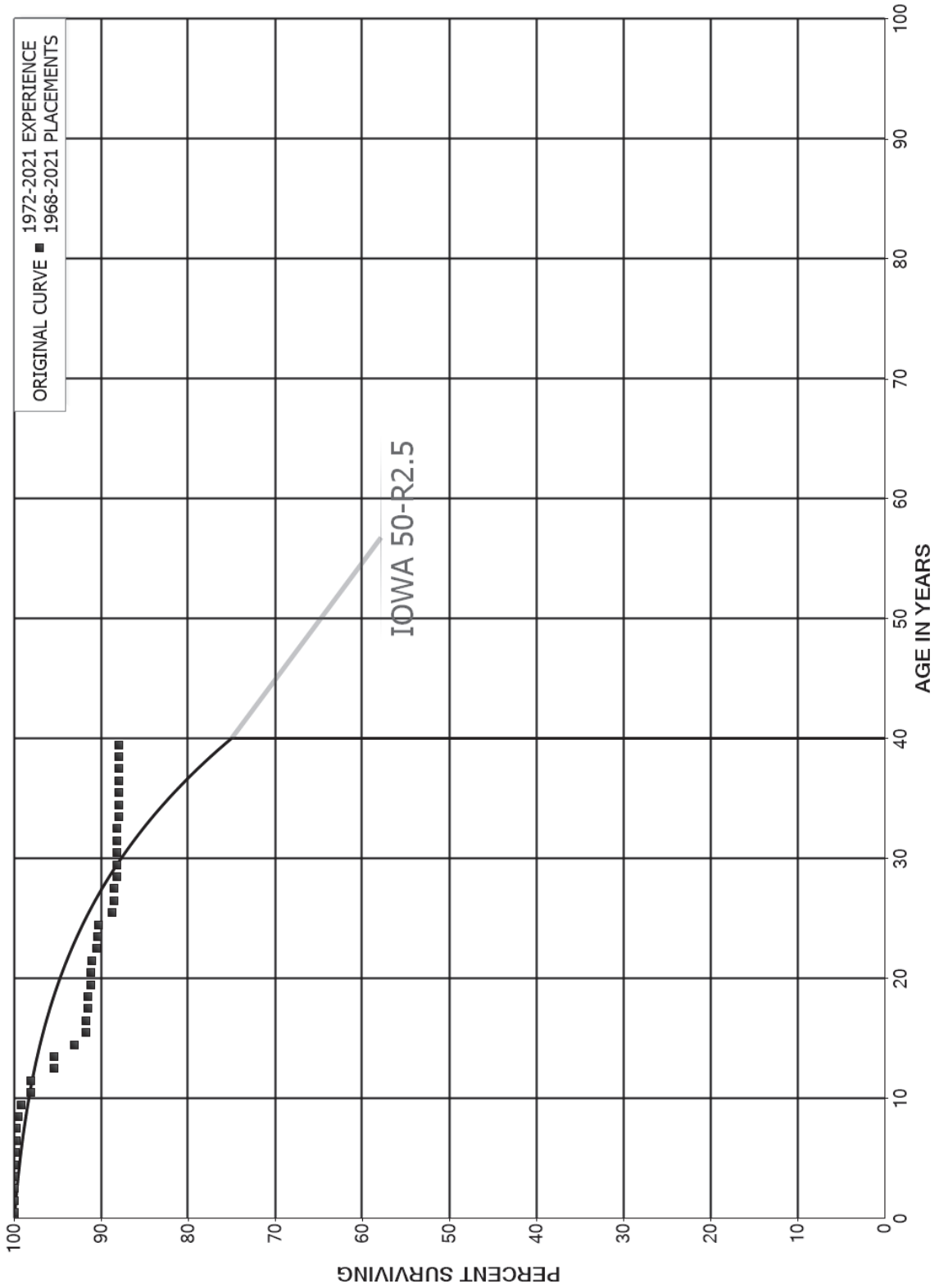
ORIGINAL LIFE TABLE

PLACEMENT BAND 2011-2020 EXPERIENCE BAND 2011-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	251,070,304		0.0000	1.0000	100.00
0.5	251,070,304		0.0000	1.0000	100.00
1.5	250,608,449		0.0000	1.0000	100.00
2.5	179,183,365	943,112	0.0053	0.9947	100.00
3.5	135,301,551	50,188,881	0.3709	0.6291	99.47
4.5	85,112,282	15,402,407	0.1810	0.8190	62.57
5.5	69,709,876	52,575,842	0.7542	0.2458	51.25
6.5	6,420,723		0.0000	1.0000	12.60
7.5					12.60

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 344.00 GENERATORS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1968-2021 EXPERIENCE BAND 1972-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,053,694,373		0.0000	1.0000	100.00
0.5	1,048,560,214		0.0000	1.0000	100.00
1.5	1,049,199,271	159,257	0.0002	0.9998	100.00
2.5	1,043,428,573		0.0000	1.0000	99.98
3.5	828,008,256	239,905	0.0003	0.9997	99.98
4.5	823,101,171	1,098,180	0.0013	0.9987	99.96
5.5	817,222,569	876,957	0.0011	0.9989	99.82
6.5	815,331,657	67,409	0.0001	0.9999	99.72
7.5	813,854,545	1,784,162	0.0022	0.9978	99.71
8.5	810,515,293	2,891,415	0.0036	0.9964	99.49
9.5	585,470,787	6,433,884	0.0110	0.9890	99.13
10.5	361,049,370	108,990	0.0003	0.9997	98.04
11.5	372,765,264	10,131,295	0.0272	0.9728	98.01
12.5	376,366,069		0.0000	1.0000	95.35
13.5	376,036,523	8,909,950	0.0237	0.9763	95.35
14.5	367,126,573	5,438,672	0.0148	0.9852	93.09
15.5	361,646,911	136,223	0.0004	0.9996	91.71
16.5	360,737,585	582,256	0.0016	0.9984	91.68
17.5	357,992,117	107,052	0.0003	0.9997	91.53
18.5	357,885,065	1,352,792	0.0038	0.9962	91.50
19.5	355,895,045	42,606	0.0001	0.9999	91.16
20.5	355,258,381	505,927	0.0014	0.9986	91.15
21.5	141,169,580	832,894	0.0059	0.9941	91.02
22.5	140,336,686	69,655	0.0005	0.9995	90.48
23.5	139,255,784	286,626	0.0021	0.9979	90.43
24.5	138,969,158	2,277,988	0.0164	0.9836	90.25
25.5	118,158,432	341,253	0.0029	0.9971	88.77
26.5	60,018,196	23,430	0.0004	0.9996	88.51
27.5	59,993,757	185,104	0.0031	0.9969	88.48
28.5	59,808,653		0.0000	1.0000	88.20
29.5	59,808,653	10,450	0.0002	0.9998	88.20
30.5	59,798,203	26,254	0.0004	0.9996	88.19
31.5	59,771,949	13,414	0.0002	0.9998	88.15
32.5	59,758,535	82,009	0.0014	0.9986	88.13
33.5	59,676,526		0.0000	1.0000	88.01
34.5	59,676,526	12,883	0.0002	0.9998	88.01
35.5	59,663,643	4,554	0.0001	0.9999	87.99
36.5	59,659,089	5,003	0.0001	0.9999	87.98
37.5	59,250,985		0.0000	1.0000	87.98
38.5	59,250,985		0.0000	1.0000	87.98

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

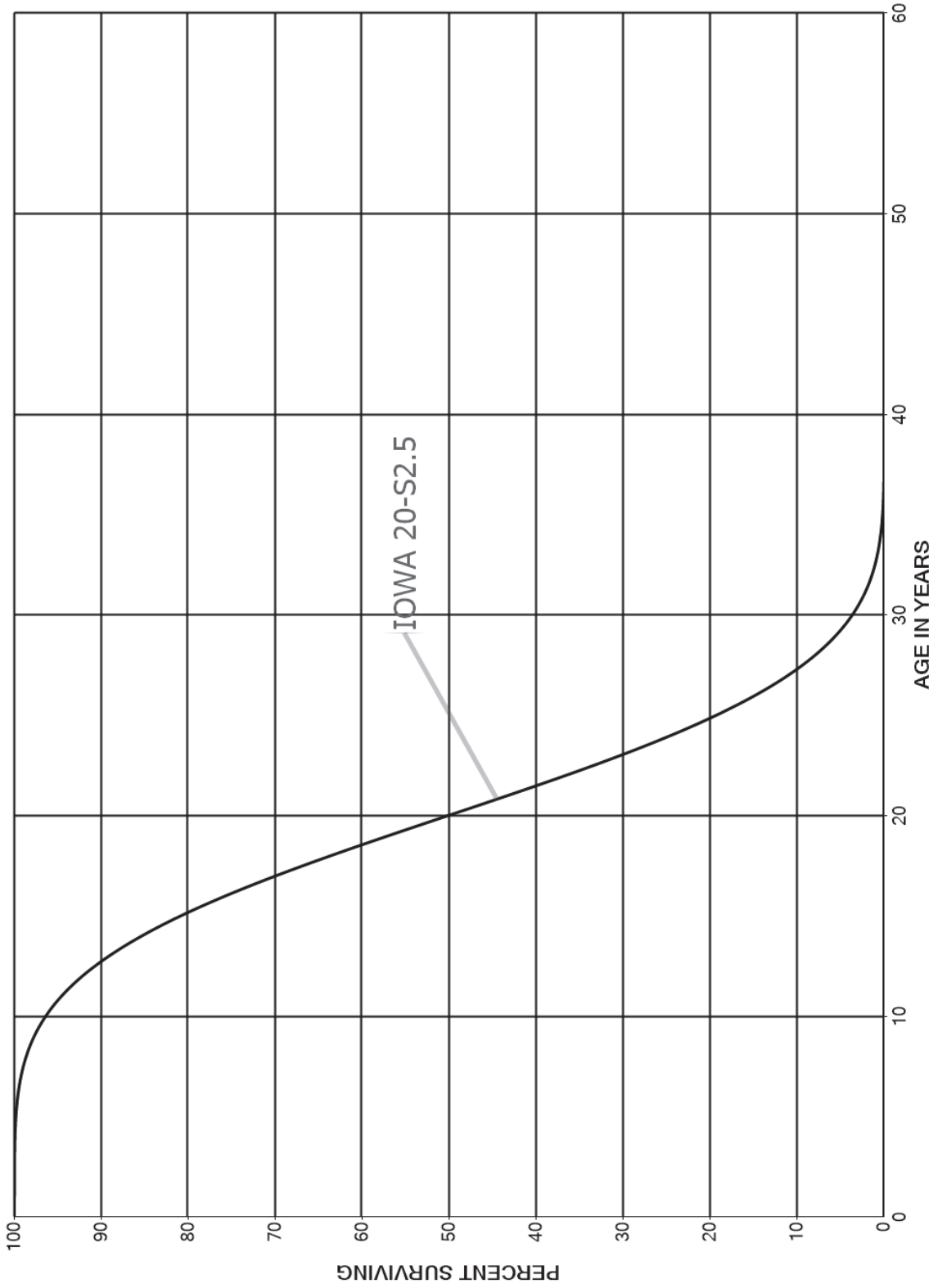
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1968-2021 EXPERIENCE BAND 1972-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	59,250,985	7,933,138	0.1339	0.8661	87.98
40.5	49,722,647		0.0000	1.0000	76.20
41.5	30,162,631		0.0000	1.0000	76.20
42.5	18,369,938	2,560,340	0.1394	0.8606	76.20
43.5	5,638,762	5,638,762	1.0000		65.58
44.5					

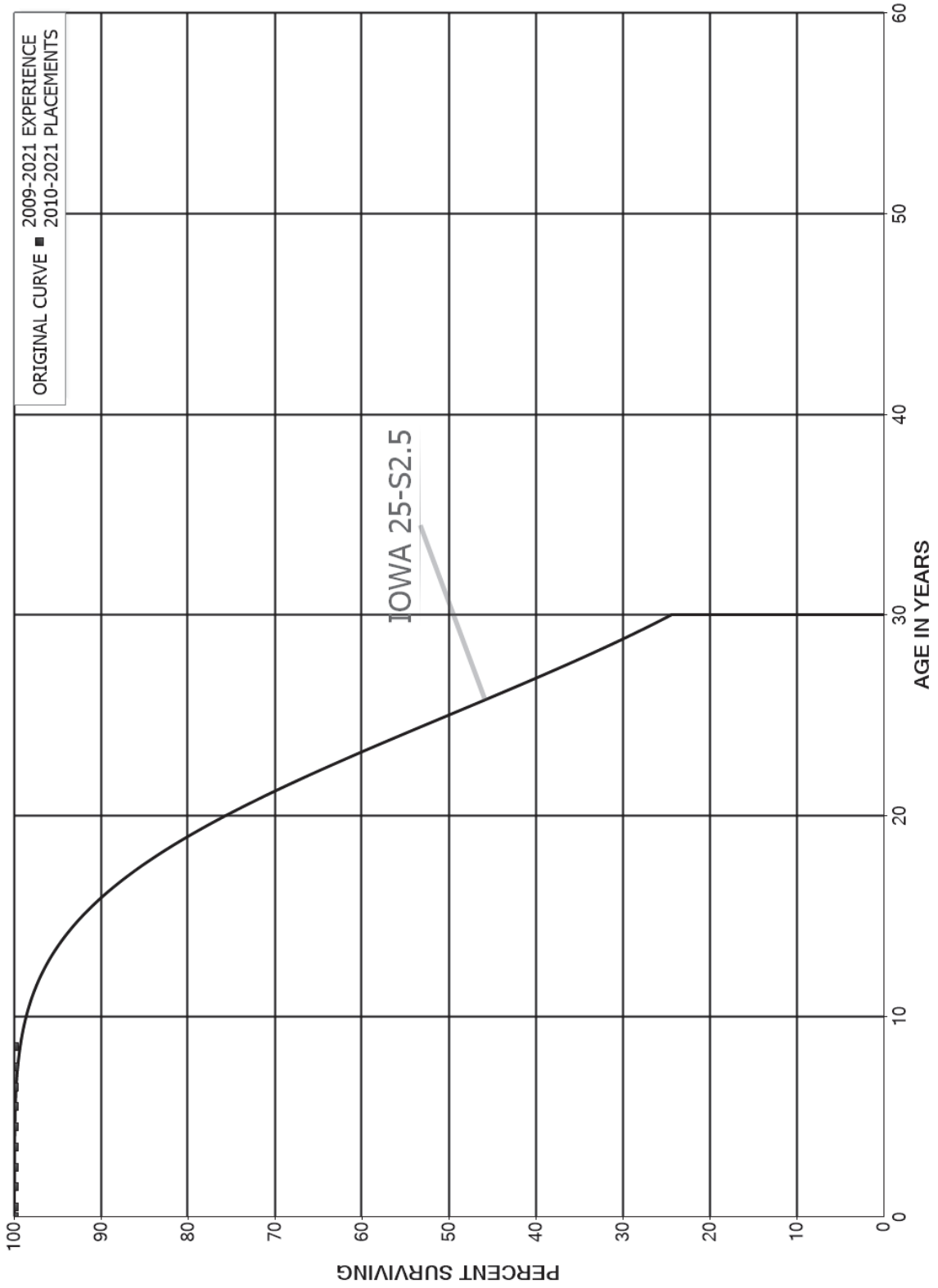
OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 344.66 GENERATORS - SOLAR - COMMUNITY - SMALL
SMOOTH SURVIVOR CURVE



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 344.66 GENERATORS - SOLAR
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.66 GENERATORS - SOLAR

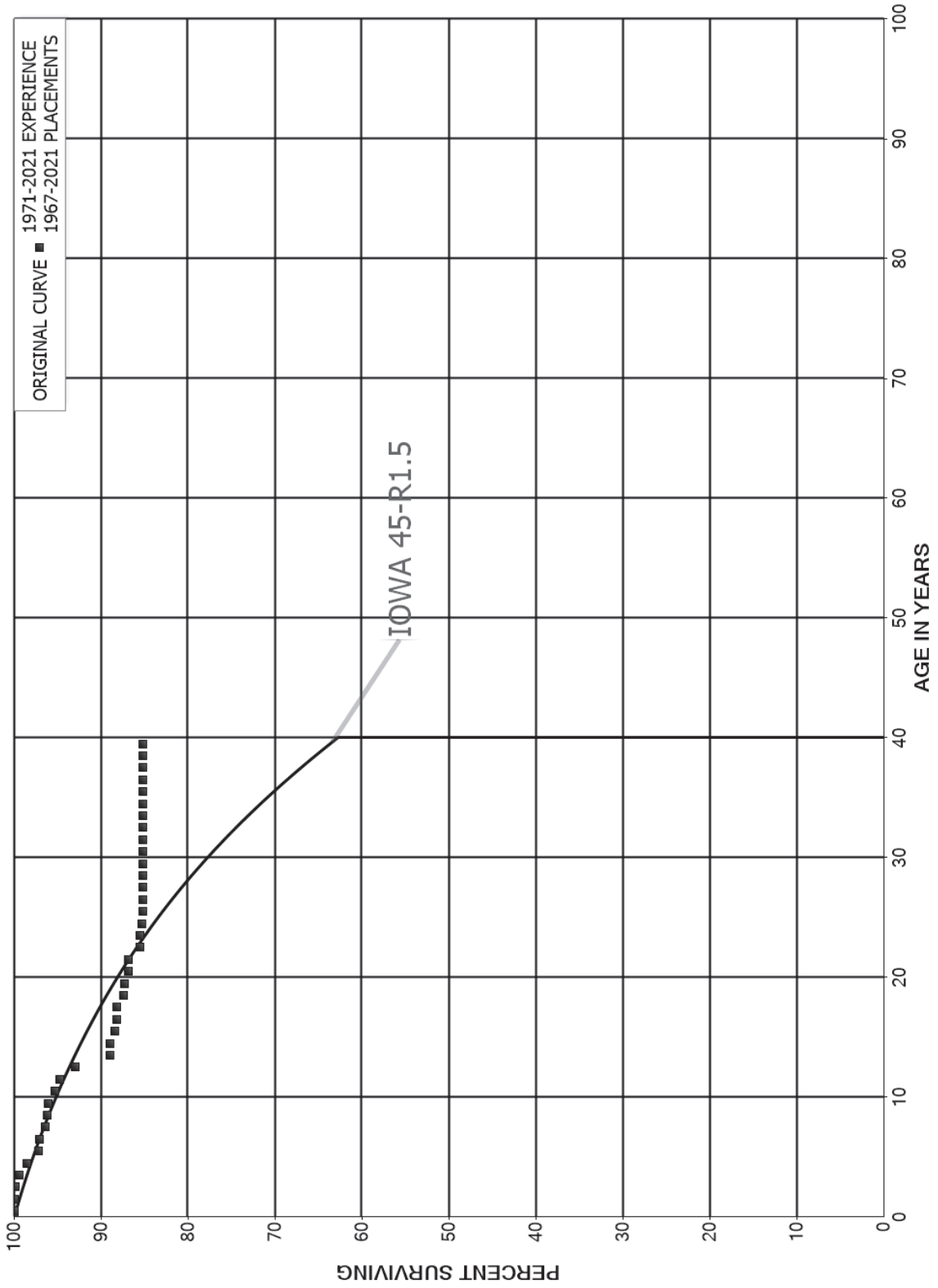
ORIGINAL LIFE TABLE

PLACEMENT BAND 2010-2021 EXPERIENCE BAND 2009-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	270,213,215		0.0000	1.0000	100.00
0.5	196,899,002		0.0000	1.0000	100.00
1.5	163,141,219		0.0000	1.0000	100.00
2.5	163,141,219		0.0000	1.0000	100.00
3.5	149,236,058		0.0000	1.0000	100.00
4.5	57,707,380		0.0000	1.0000	100.00
5.5	28,317,018		0.0000	1.0000	100.00
6.5	28,317,018		0.0000	1.0000	100.00
7.5	28,317,018	25,195	0.0009	0.9991	100.00
8.5	28,291,823	12,245	0.0004	0.9996	99.91
9.5	27,393,470	222,288	0.0081	0.9919	99.87
10.5	22,756,012		0.0000	1.0000	99.06
11.5					99.06

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	205,069,306		0.0000	1.0000	100.00
0.5	202,206,033	45,994	0.0002	0.9998	100.00
1.5	201,254,800	232,606	0.0012	0.9988	99.98
2.5	195,871,031	813,010	0.0042	0.9958	99.86
3.5	156,403,603	1,464,946	0.0094	0.9906	99.45
4.5	154,163,537	2,060,275	0.0134	0.9866	98.52
5.5	142,521,151	184,734	0.0013	0.9987	97.20
6.5	141,004,852	1,034,585	0.0073	0.9927	97.07
7.5	138,266,077	220,543	0.0016	0.9984	96.36
8.5	136,944,119	241,659	0.0018	0.9982	96.21
9.5	91,056,431	696,215	0.0076	0.9924	96.04
10.5	44,269,228	270,457	0.0061	0.9939	95.30
11.5	43,743,214	794,601	0.0182	0.9818	94.72
12.5	42,658,666	1,878,128	0.0440	0.9560	93.00
13.5	39,446,754		0.0000	1.0000	88.91
14.5	38,501,030	213,866	0.0056	0.9944	88.91
15.5	38,287,165	100,802	0.0026	0.9974	88.41
16.5	38,186,362	7,420	0.0002	0.9998	88.18
17.5	38,178,942	334,342	0.0088	0.9912	88.16
18.5	36,387,065	66,553	0.0018	0.9982	87.39
19.5	23,813,998	110,230	0.0046	0.9954	87.23
20.5	23,108,600		0.0000	1.0000	86.83
21.5	23,108,600	361,102	0.0156	0.9844	86.83
22.5	22,747,498		0.0000	1.0000	85.47
23.5	22,689,005	40,235	0.0018	0.9982	85.47
24.5	22,606,781	24,459	0.0011	0.9989	85.32
25.5	19,937,312	5,268	0.0003	0.9997	85.23
26.5	67,545		0.0000	1.0000	85.20
27.5	67,545		0.0000	1.0000	85.20
28.5	57,417		0.0000	1.0000	85.20
29.5	57,417		0.0000	1.0000	85.20
30.5	57,417		0.0000	1.0000	85.20
31.5	57,417		0.0000	1.0000	85.20
32.5	11,552		0.0000	1.0000	85.20
33.5	572		0.0000	1.0000	85.20
34.5	42,703		0.0000	1.0000	85.20
35.5	42,703		0.0000	1.0000	85.20
36.5	42,703		0.0000	1.0000	85.20
37.5	42,703		0.0000	1.0000	85.20
38.5	42,703		0.0000	1.0000	85.20

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

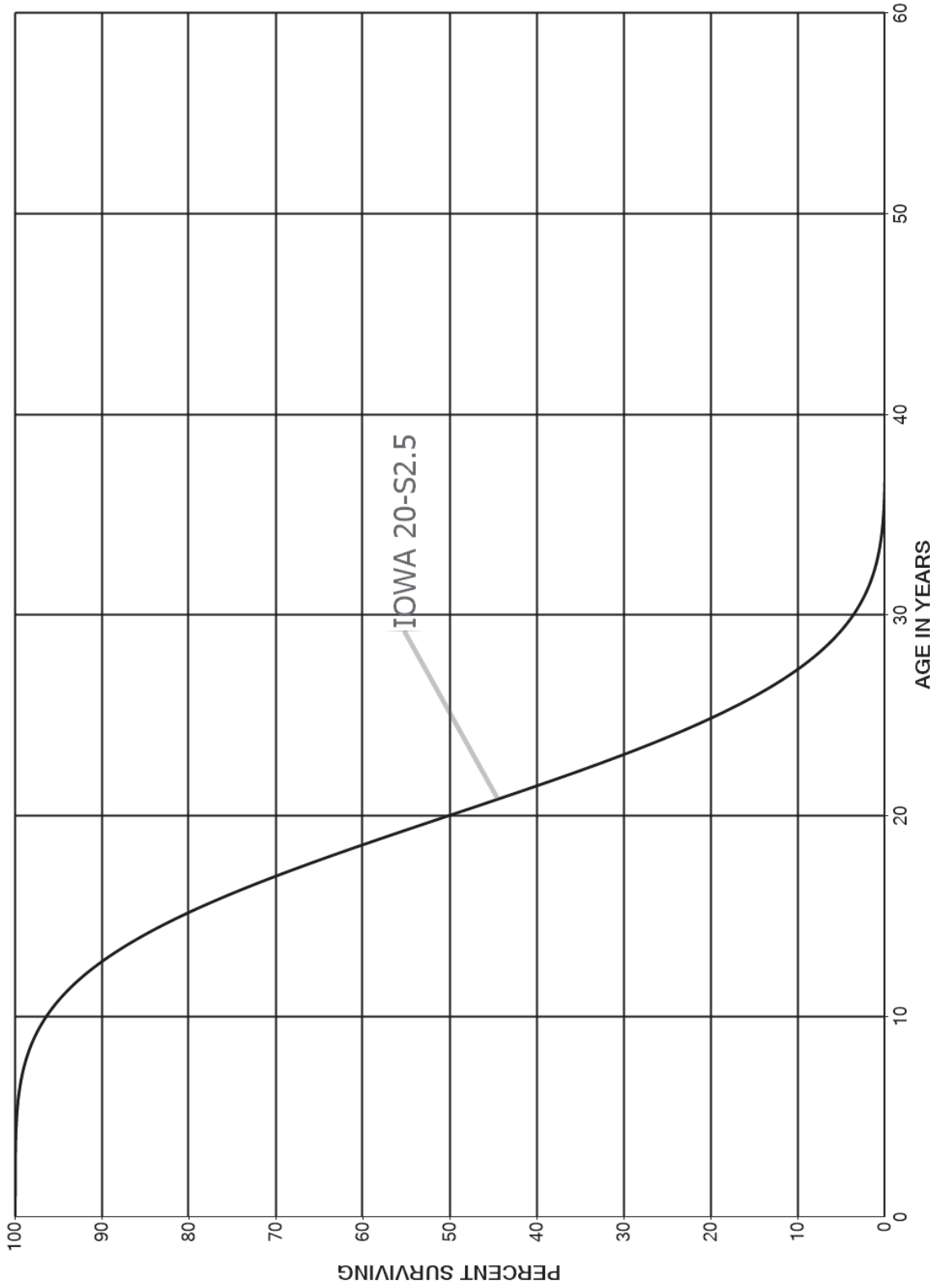
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1967-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	42,703		0.0000	1.0000	85.20
40.5	42,703		0.0000	1.0000	85.20
41.5	42,703		0.0000	1.0000	85.20
42.5	42,703		0.0000	1.0000	85.20
43.5					85.20

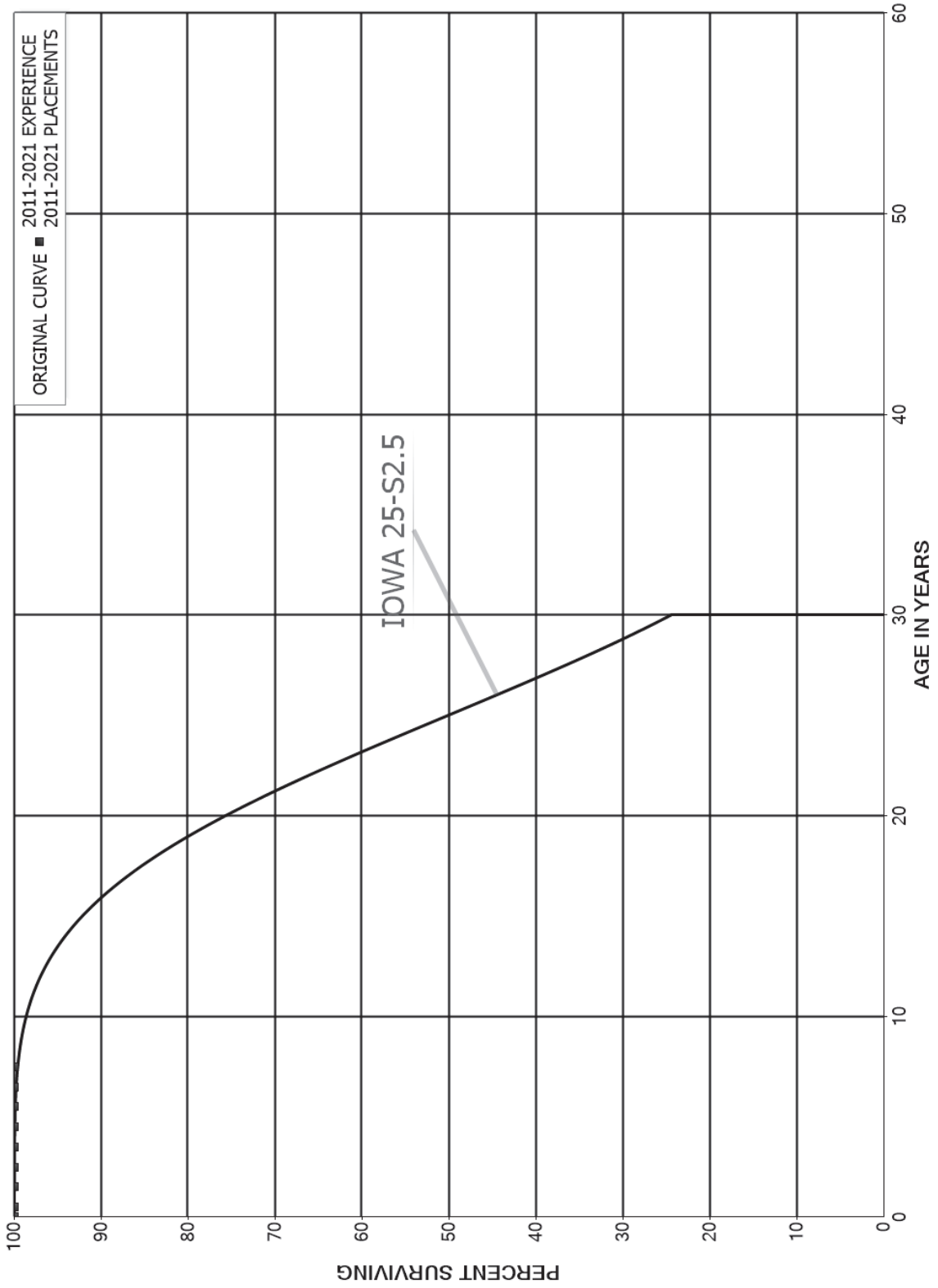
OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR - COMMUNITY - SMALL
SMOOTH SURVIVOR CURVE



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR

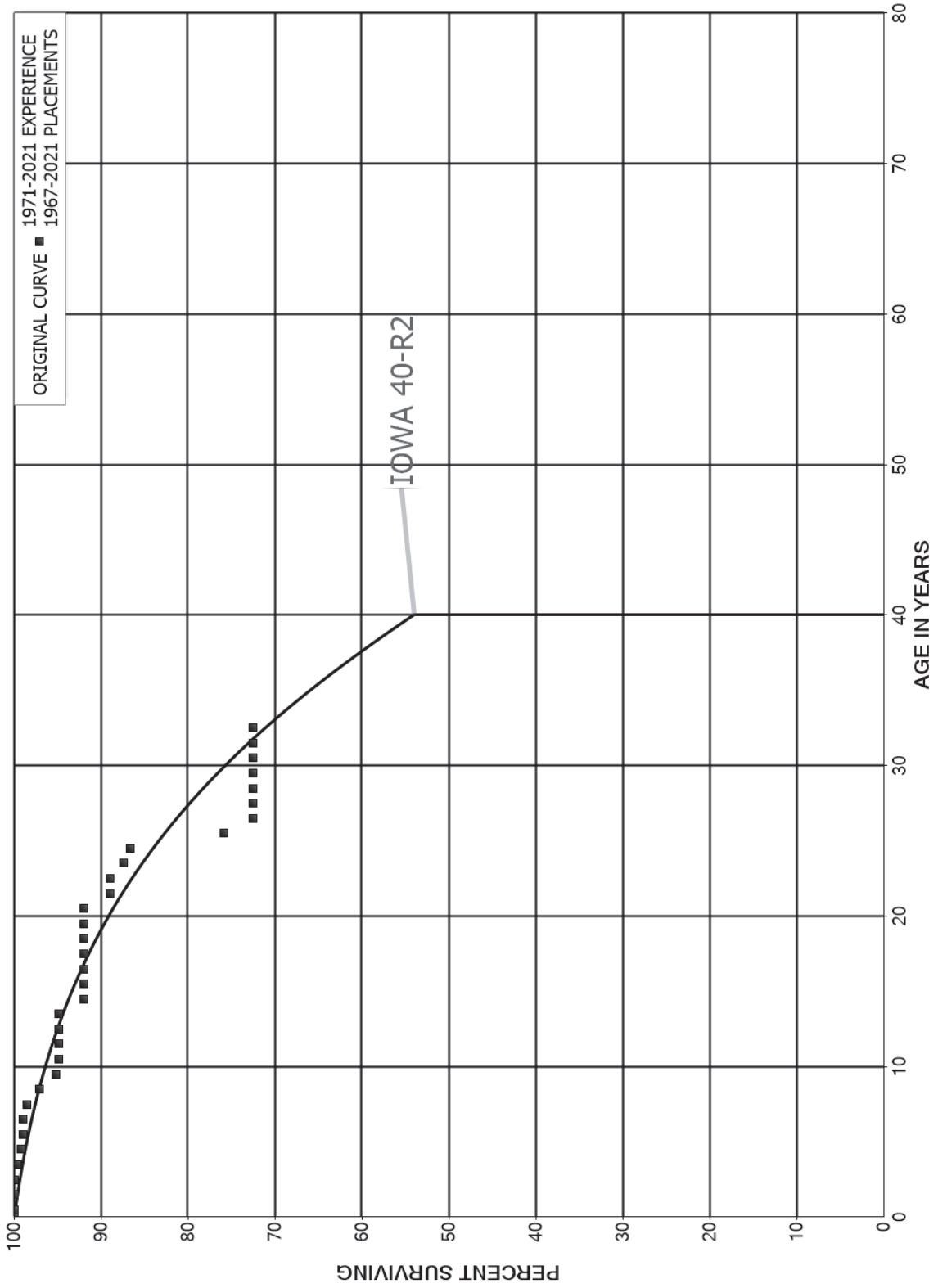
ORIGINAL LIFE TABLE

PLACEMENT BAND 2011-2021 EXPERIENCE BAND 2011-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	27,326,411		0.0000	1.0000	100.00
0.5	20,749,024		0.0000	1.0000	100.00
1.5	16,140,147		0.0000	1.0000	100.00
2.5	16,140,147		0.0000	1.0000	100.00
3.5	16,140,147		0.0000	1.0000	100.00
4.5	3,270,455		0.0000	1.0000	100.00
5.5	988,895		0.0000	1.0000	100.00
6.5	988,895		0.0000	1.0000	100.00
7.5	988,895		0.0000	1.0000	100.00
8.5	988,895		0.0000	1.0000	100.00
9.5	98,891		0.0000	1.0000	100.00
10.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

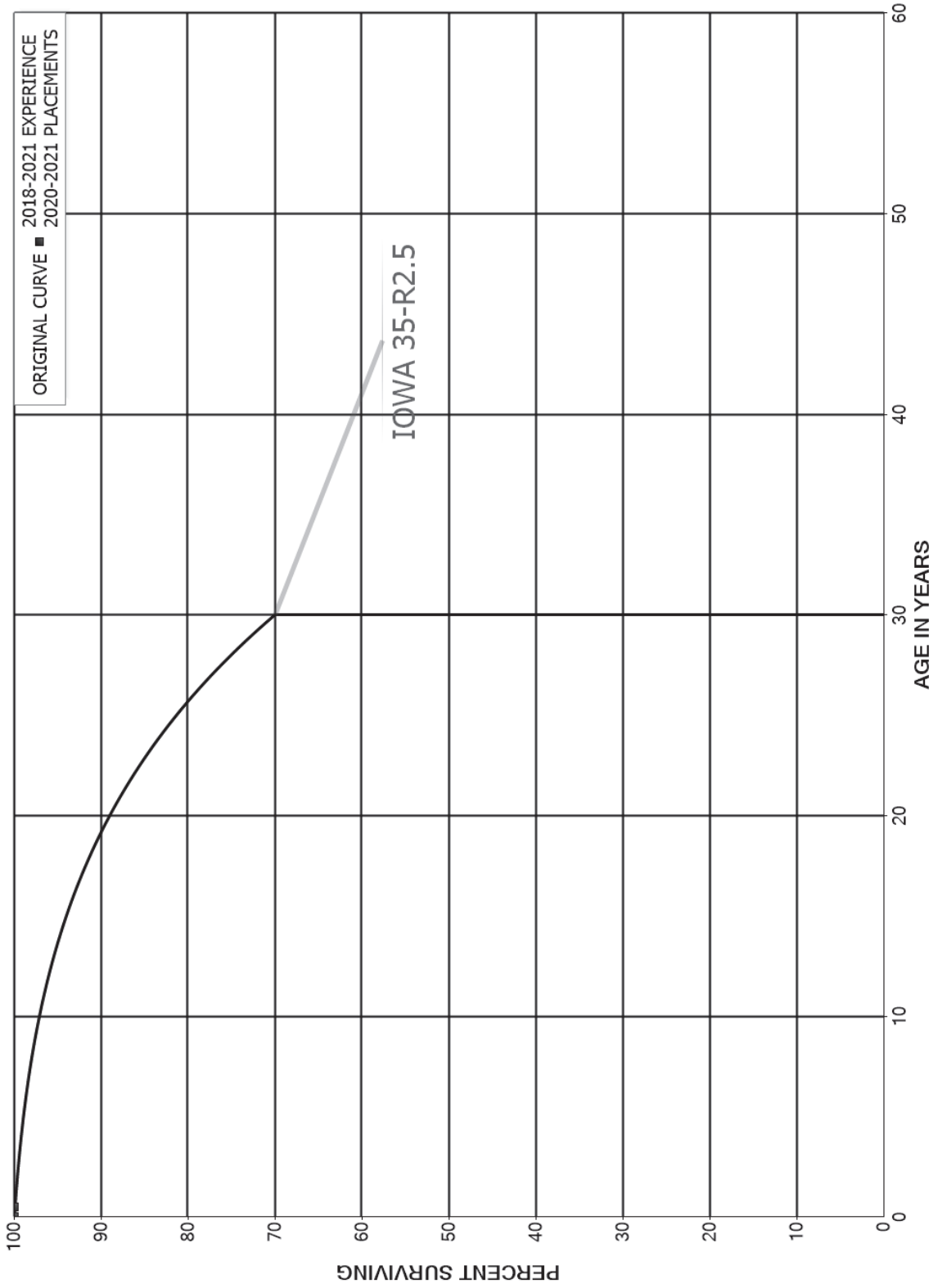
ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2021 EXPERIENCE BAND 1971-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	65,519,706		0.0000	1.0000	100.00
0.5	62,488,098		0.0000	1.0000	100.00
1.5	59,640,618		0.0000	1.0000	100.00
2.5	52,025,884	222,369	0.0043	0.9957	100.00
3.5	43,438,235	190,876	0.0044	0.9956	99.57
4.5	27,642,914	65,808	0.0024	0.9976	99.14
5.5	26,308,835		0.0000	1.0000	98.90
6.5	21,395,680	79,322	0.0037	0.9963	98.90
7.5	19,570,085	291,623	0.0149	0.9851	98.53
8.5	18,405,116	363,779	0.0198	0.9802	97.06
9.5	13,298,735	44,886	0.0034	0.9966	95.15
10.5	6,604,820		0.0000	1.0000	94.82
11.5	6,373,269		0.0000	1.0000	94.82
12.5	5,949,090		0.0000	1.0000	94.82
13.5	5,726,953	170,651	0.0298	0.9702	94.82
14.5	5,233,059		0.0000	1.0000	92.00
15.5	5,230,380		0.0000	1.0000	92.00
16.5	5,202,762		0.0000	1.0000	92.00
17.5	5,111,042		0.0000	1.0000	92.00
18.5	4,814,654		0.0000	1.0000	92.00
19.5	2,675,662		0.0000	1.0000	92.00
20.5	2,583,926	86,212	0.0334	0.9666	92.00
21.5	2,364,483		0.0000	1.0000	88.93
22.5	2,328,034	41,589	0.0179	0.9821	88.93
23.5	2,251,791	19,252	0.0085	0.9915	87.34
24.5	2,211,674	274,213	0.1240	0.8760	86.59
25.5	1,899,788	85,171	0.0448	0.9552	75.86
26.5	54,736		0.0000	1.0000	72.46
27.5	51,733		0.0000	1.0000	72.46
28.5	17,651		0.0000	1.0000	72.46
29.5	5,192		0.0000	1.0000	72.46
30.5	5,192		0.0000	1.0000	72.46
31.5	1,144		0.0000	1.0000	72.46
32.5					72.46

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR

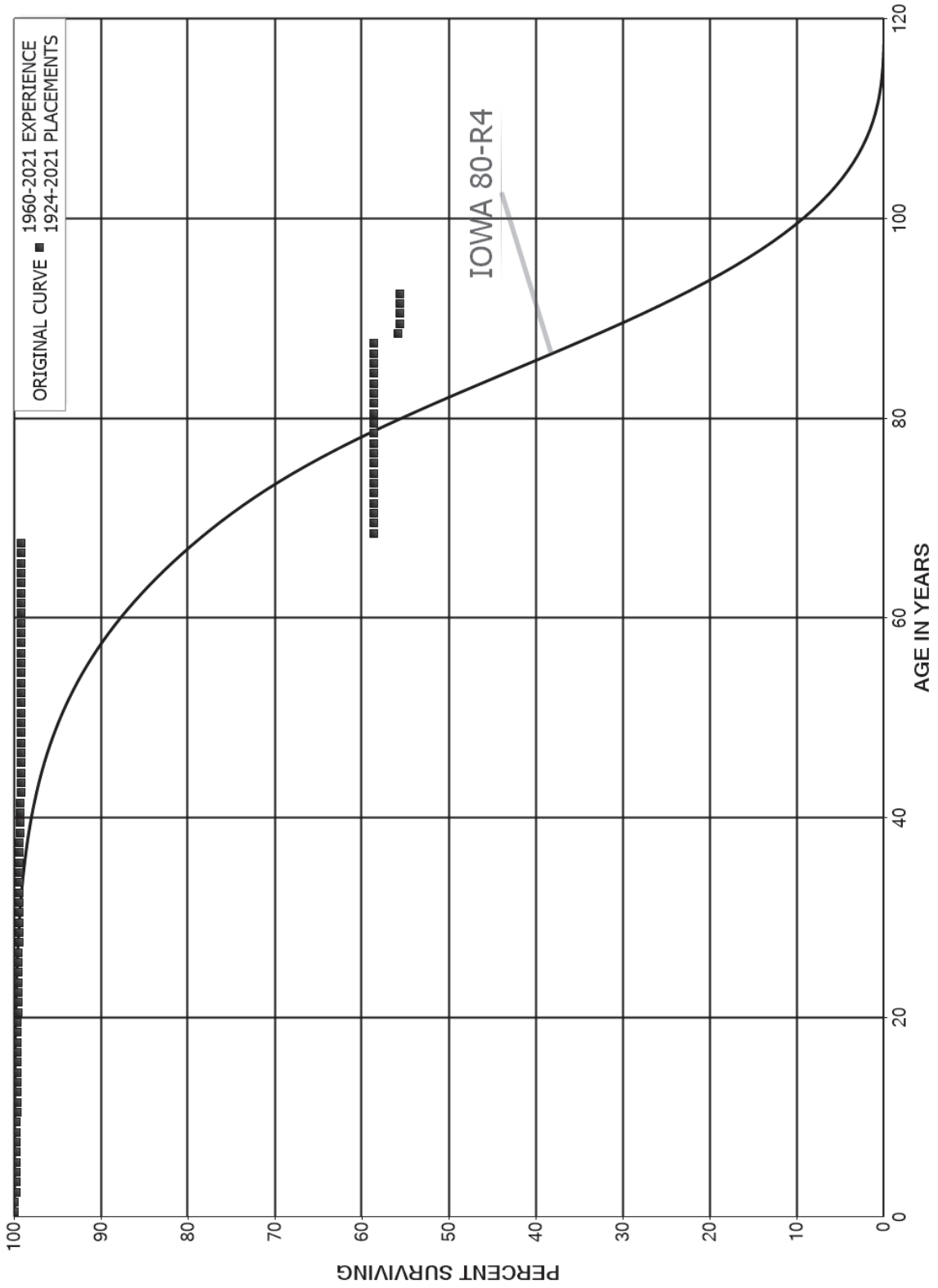
ORIGINAL LIFE TABLE

PLACEMENT BAND 2020-2021 EXPERIENCE BAND 2018-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	302,648		0.0000	1.0000	100.00
0.5	233,085		0.0000	1.0000	100.00
1.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 350.00 RIGHTS OF WAY
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 350.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	162,495,893	75,060	0.0005	0.9995	100.00
0.5	162,486,729	152	0.0000	1.0000	99.95
1.5	162,769,224	351,115	0.0022	0.9978	99.95
2.5	162,761,631	948	0.0000	1.0000	99.74
3.5	161,779,016		0.0000	1.0000	99.74
4.5	158,016,001	11,302	0.0001	0.9999	99.74
5.5	155,249,929	14,492	0.0001	0.9999	99.73
6.5	155,167,803	14,732	0.0001	0.9999	99.72
7.5	153,520,914	7,478	0.0000	1.0000	99.71
8.5	151,471,145	7,482	0.0000	1.0000	99.71
9.5	150,203,547	75,979	0.0005	0.9995	99.70
10.5	145,850,174		0.0000	1.0000	99.65
11.5	143,047,746	4,293	0.0000	1.0000	99.65
12.5	140,729,378	8,592	0.0001	0.9999	99.65
13.5	134,281,940		0.0000	1.0000	99.64
14.5	132,411,053	100,422	0.0008	0.9992	99.64
15.5	130,248,524	2,125	0.0000	1.0000	99.57
16.5	127,088,411	3,750	0.0000	1.0000	99.57
17.5	125,678,392	1,569	0.0000	1.0000	99.56
18.5	124,815,796		0.0000	1.0000	99.56
19.5	123,938,512	47,225	0.0004	0.9996	99.56
20.5	122,578,369	15,601	0.0001	0.9999	99.52
21.5	120,112,356	16,967	0.0001	0.9999	99.51
22.5	119,205,140		0.0000	1.0000	99.50
23.5	117,774,433	8,520	0.0001	0.9999	99.50
24.5	115,588,134	250	0.0000	1.0000	99.49
25.5	114,305,657	43,996	0.0004	0.9996	99.49
26.5	110,954,138	13,204	0.0001	0.9999	99.45
27.5	108,468,574		0.0000	1.0000	99.44
28.5	106,990,958	10,113	0.0001	0.9999	99.44
29.5	104,649,648		0.0000	1.0000	99.43
30.5	103,024,428	13,500	0.0001	0.9999	99.43
31.5	94,560,140	2,100	0.0000	1.0000	99.42
32.5	91,862,126	9,059	0.0001	0.9999	99.41
33.5	91,183,347	7	0.0000	1.0000	99.40
34.5	90,127,397		0.0000	1.0000	99.40
35.5	88,708,721	3,406	0.0000	1.0000	99.40
36.5	85,234,157	1,100	0.0000	1.0000	99.40
37.5	83,032,506	107,276	0.0013	0.9987	99.40
38.5	79,726,472	363	0.0000	1.0000	99.27

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 350.00 RIGHTS OF WAY

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	74,733,174		0.0000	1.0000	99.27
40.5	69,802,028	13,986	0.0002	0.9998	99.27
41.5	66,875,757	16,806	0.0003	0.9997	99.25
42.5	63,991,975	8,985	0.0001	0.9999	99.23
43.5	58,925,519	8	0.0000	1.0000	99.21
44.5	57,718,418	445	0.0000	1.0000	99.21
45.5	53,301,078	20	0.0000	1.0000	99.21
46.5	46,548,880	28	0.0000	1.0000	99.21
47.5	38,966,527	997	0.0000	1.0000	99.21
48.5	35,808,008		0.0000	1.0000	99.21
49.5	26,515,183	6,428	0.0002	0.9998	99.21
50.5	24,159,721		0.0000	1.0000	99.18
51.5	21,160,714	4,238	0.0002	0.9998	99.18
52.5	18,868,497		0.0000	1.0000	99.16
53.5	15,565,535		0.0000	1.0000	99.16
54.5	14,106,107		0.0000	1.0000	99.16
55.5	12,531,522		0.0000	1.0000	99.16
56.5	10,926,076	428	0.0000	1.0000	99.16
57.5	9,687,607		0.0000	1.0000	99.16
58.5	8,375,933		0.0000	1.0000	99.16
59.5	7,835,526		0.0000	1.0000	99.16
60.5	6,856,097	2,074	0.0003	0.9997	99.16
61.5	58,432		0.0000	1.0000	99.13
62.5	54,432		0.0000	1.0000	99.13
63.5	60,932		0.0000	1.0000	99.13
64.5	60,887		0.0000	1.0000	99.13
65.5	55,910		0.0000	1.0000	99.13
66.5	55,163		0.0000	1.0000	99.13
67.5	58,083	23,717	0.4083	0.5917	99.13
68.5	34,366		0.0000	1.0000	58.65
69.5	33,081		0.0000	1.0000	58.65
70.5	33,071	2	0.0001	0.9999	58.65
71.5	33,071		0.0000	1.0000	58.65
72.5	33,071		0.0000	1.0000	58.65
73.5	33,085		0.0000	1.0000	58.65
74.5	33,545		0.0000	1.0000	58.65
75.5	38,452		0.0000	1.0000	58.65
76.5	38,299		0.0000	1.0000	58.65
77.5	34,765		0.0000	1.0000	58.65
78.5	34,618		0.0000	1.0000	58.65

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 350.00 RIGHTS OF WAY

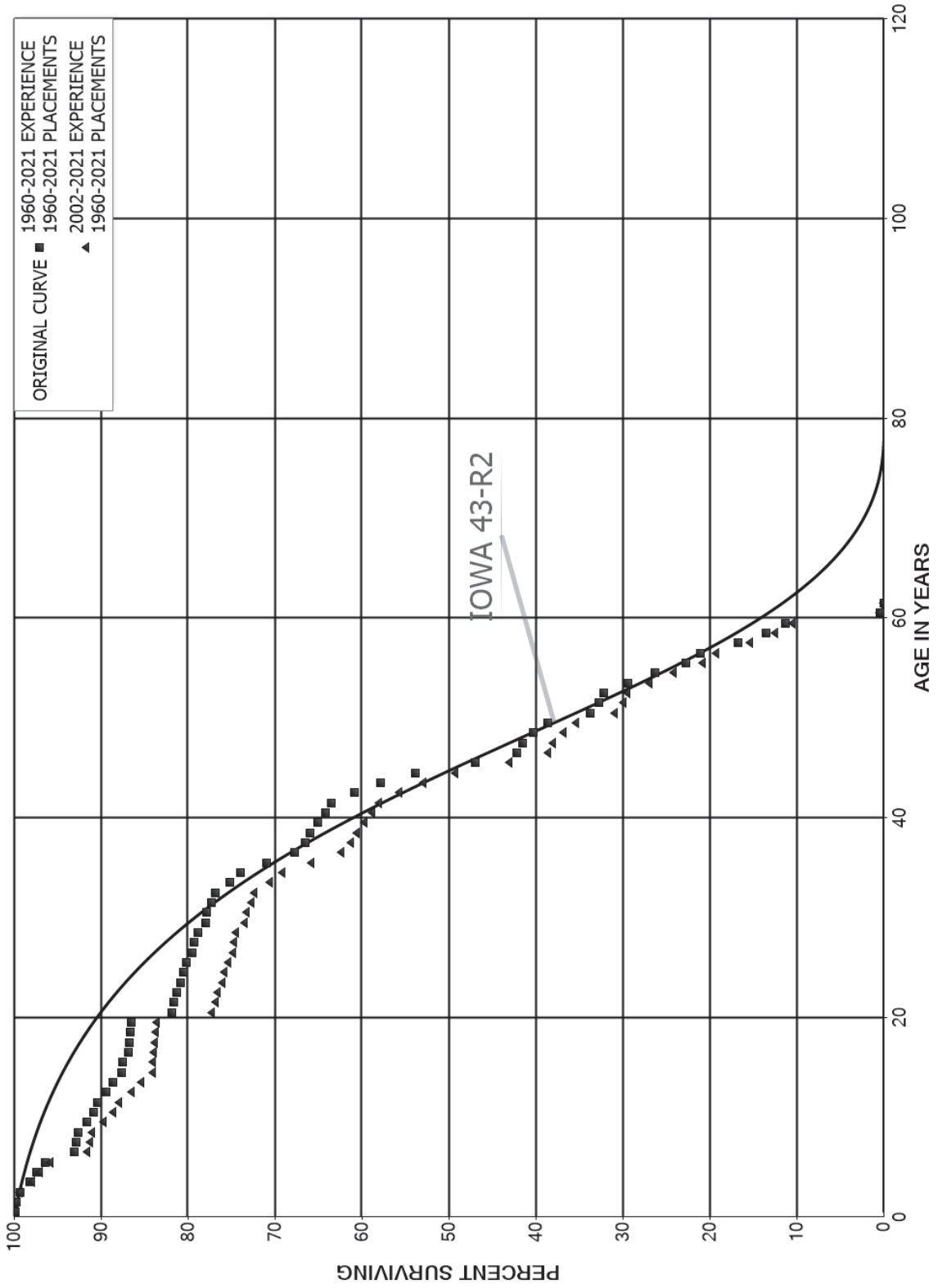
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	30,737		0.0000	1.0000	58.65
80.5	14,290		0.0000	1.0000	58.65
81.5	14,290		0.0000	1.0000	58.65
82.5	14,170		0.0000	1.0000	58.65
83.5	14,170		0.0000	1.0000	58.65
84.5	14,170		0.0000	1.0000	58.65
85.5	14,156		0.0000	1.0000	58.65
86.5	13,493		0.0000	1.0000	58.65
87.5	8,586	415	0.0483	0.9517	58.65
88.5	7,452	32	0.0043	0.9957	55.81
89.5	6,053		0.0000	1.0000	55.57
90.5	6,053		0.0000	1.0000	55.57
91.5	6,053		0.0000	1.0000	55.57
92.5					55.57

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	188,753,517	232,298	0.0012	0.9988	100.00
0.5	159,503,616	154,988	0.0010	0.9990	99.88
1.5	163,192,671	761,983	0.0047	0.9953	99.78
2.5	109,153,469	1,304,590	0.0120	0.9880	99.31
3.5	99,695,751	753,561	0.0076	0.9924	98.13
4.5	80,261,358	781,622	0.0097	0.9903	97.39
5.5	80,701,813	2,830,159	0.0351	0.9649	96.44
6.5	73,609,725	170,596	0.0023	0.9977	93.05
7.5	70,326,014	166,093	0.0024	0.9976	92.84
8.5	60,476,817	678,848	0.0112	0.9888	92.62
9.5	54,480,445	470,242	0.0086	0.9914	91.58
10.5	49,708,846	245,802	0.0049	0.9951	90.79
11.5	41,754,591	445,330	0.0107	0.9893	90.34
12.5	40,398,409	349,294	0.0086	0.9914	89.38
13.5	38,514,440	409,996	0.0106	0.9894	88.60
14.5	36,048,036	75,480	0.0021	0.9979	87.66
15.5	33,544,125	265,607	0.0079	0.9921	87.48
16.5	28,793,508	34,149	0.0012	0.9988	86.79
17.5	28,139,152	16,299	0.0006	0.9994	86.68
18.5	27,718,008	40,977	0.0015	0.9985	86.63
19.5	25,238,598	1,351,470	0.0535	0.9465	86.50
20.5	23,059,105	74,809	0.0032	0.9968	81.87
21.5	21,035,525	75,524	0.0036	0.9964	81.61
22.5	20,866,111	135,892	0.0065	0.9935	81.31
23.5	20,772,601	59,977	0.0029	0.9971	80.78
24.5	19,969,627	85,400	0.0043	0.9957	80.55
25.5	19,655,920	183,550	0.0093	0.9907	80.21
26.5	17,862,097	49,896	0.0028	0.9972	79.46
27.5	17,707,569	93,558	0.0053	0.9947	79.24
28.5	16,419,773	179,031	0.0109	0.9891	78.82
29.5	15,960,200	31,194	0.0020	0.9980	77.96
30.5	15,531,512	96,416	0.0062	0.9938	77.80
31.5	14,533,437	82,357	0.0057	0.9943	77.32
32.5	13,832,704	312,592	0.0226	0.9774	76.88
33.5	10,956,310	173,987	0.0159	0.9841	75.15
34.5	10,767,106	440,141	0.0409	0.9591	73.95
35.5	10,222,136	461,339	0.0451	0.9549	70.93
36.5	9,707,066	173,689	0.0179	0.9821	67.73
37.5	8,912,426	83,080	0.0093	0.9907	66.52
38.5	8,608,862	110,134	0.0128	0.9872	65.90

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	8,325,954	117,335	0.0141	0.9859	65.05
40.5	7,460,431	76,755	0.0103	0.9897	64.14
41.5	7,259,187	302,387	0.0417	0.9583	63.48
42.5	6,699,518	332,742	0.0497	0.9503	60.83
43.5	6,172,402	426,750	0.0691	0.9309	57.81
44.5	5,429,572	689,070	0.1269	0.8731	53.81
45.5	4,668,984	477,808	0.1023	0.8977	46.98
46.5	4,169,010	65,494	0.0157	0.9843	42.18
47.5	4,034,185	123,446	0.0306	0.9694	41.51
48.5	3,350,096	135,323	0.0404	0.9596	40.24
49.5	2,955,379	375,052	0.1269	0.8731	38.62
50.5	2,378,231	72,689	0.0306	0.9694	33.72
51.5	2,228,187	32,883	0.0148	0.9852	32.69
52.5	2,067,805	179,770	0.0869	0.9131	32.20
53.5	1,735,381	183,756	0.1059	0.8941	29.40
54.5	1,516,718	208,025	0.1372	0.8628	26.29
55.5	1,308,693	95,910	0.0733	0.9267	22.69
56.5	1,212,783	247,045	0.2037	0.7963	21.02
57.5	965,739	185,757	0.1923	0.8077	16.74
58.5	779,982	126,969	0.1628	0.8372	13.52
59.5	653,013	628,666	0.9627	0.0373	11.32
60.5	24,347	24,347	1.0000		0.42
61.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	164,468,930	221,625	0.0013	0.9987	100.00
0.5	137,155,789	151,931	0.0011	0.9989	99.87
1.5	143,945,858	694,166	0.0048	0.9952	99.75
2.5	90,426,000	1,301,995	0.0144	0.9856	99.27
3.5	81,367,095	741,288	0.0091	0.9909	97.84
4.5	62,582,976	763,811	0.0122	0.9878	96.95
5.5	63,066,770	2,830,010	0.0449	0.9551	95.77
6.5	57,722,151	170,563	0.0030	0.9970	91.47
7.5	51,957,982	162,871	0.0031	0.9969	91.20
8.5	43,329,579	623,626	0.0144	0.9856	90.92
9.5	37,629,061	470,242	0.0125	0.9875	89.61
10.5	33,335,707	243,868	0.0073	0.9927	88.49
11.5	26,321,344	436,590	0.0166	0.9834	87.84
12.5	25,746,092	323,274	0.0126	0.9874	86.38
13.5	26,801,708	407,017	0.0152	0.9848	85.30
14.5	24,406,933	13,158	0.0005	0.9995	84.00
15.5	22,176,590	30,623	0.0014	0.9986	83.96
16.5	17,479,504	25,243	0.0014	0.9986	83.84
17.5	17,586,294	11,418	0.0006	0.9994	83.72
18.5	17,651,436	38,103	0.0022	0.9978	83.67
19.5	15,833,930	1,201,676	0.0759	0.9241	83.49
20.5	14,683,590	72,671	0.0049	0.9951	77.15
21.5	12,976,638	46,724	0.0036	0.9964	76.77
22.5	13,469,822	94,049	0.0070	0.9930	76.49
23.5	13,969,653	47,101	0.0034	0.9966	75.96
24.5	13,949,990	72,960	0.0052	0.9948	75.70
25.5	13,795,519	109,545	0.0079	0.9921	75.31
26.5	12,979,658	14,455	0.0011	0.9989	74.71
27.5	12,991,497	45,805	0.0035	0.9965	74.62
28.5	12,422,162	164,140	0.0132	0.9868	74.36
29.5	12,477,815	26,416	0.0021	0.9979	73.38
30.5	12,452,551	96,416	0.0077	0.9923	73.22
31.5	11,629,162	60,793	0.0052	0.9948	72.66
32.5	11,511,296	284,216	0.0247	0.9753	72.28
33.5	8,838,572	173,987	0.0197	0.9803	70.49
34.5	8,956,442	438,193	0.0489	0.9511	69.10
35.5	8,612,776	450,544	0.0523	0.9477	65.72
36.5	8,283,692	146,845	0.0177	0.9823	62.29
37.5	7,585,102	80,547	0.0106	0.9894	61.18
38.5	7,482,928	110,134	0.0147	0.9853	60.53

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

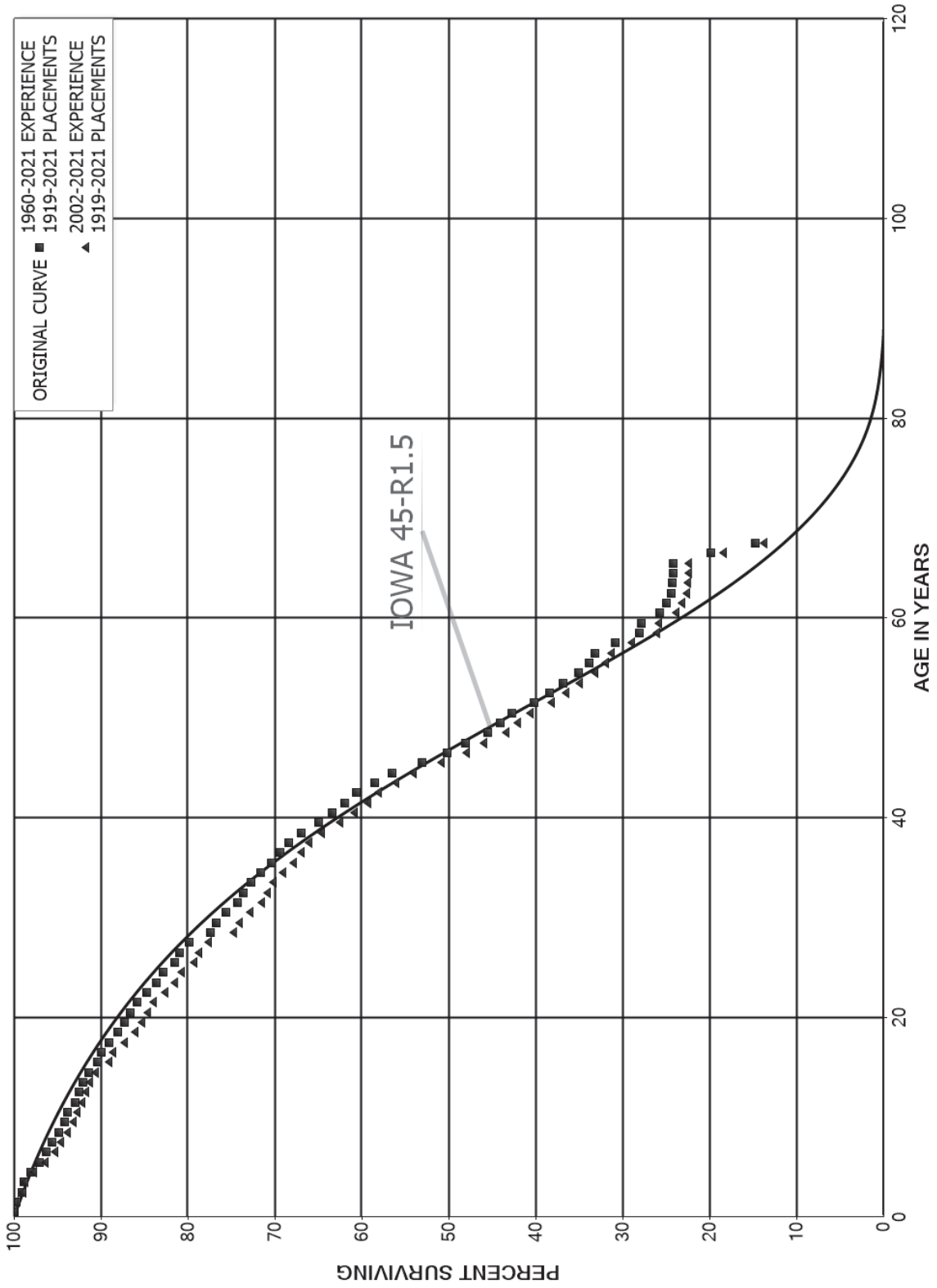
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	7,261,674	117,335	0.0162	0.9838	59.64
40.5	6,584,397	76,755	0.0117	0.9883	58.68
41.5	7,259,187	302,387	0.0417	0.9583	57.99
42.5	6,699,518	332,742	0.0497	0.9503	55.58
43.5	6,172,402	426,750	0.0691	0.9309	52.82
44.5	5,429,572	689,070	0.1269	0.8731	49.17
45.5	4,668,984	477,808	0.1023	0.8977	42.93
46.5	4,169,010	65,494	0.0157	0.9843	38.53
47.5	4,034,185	123,446	0.0306	0.9694	37.93
48.5	3,350,096	135,323	0.0404	0.9596	36.77
49.5	2,955,379	375,052	0.1269	0.8731	35.28
50.5	2,378,231	72,689	0.0306	0.9694	30.80
51.5	2,228,187	32,883	0.0148	0.9852	29.86
52.5	2,067,805	179,770	0.0869	0.9131	29.42
53.5	1,735,381	183,756	0.1059	0.8941	26.86
54.5	1,516,718	208,025	0.1372	0.8628	24.02
55.5	1,308,693	95,910	0.0733	0.9267	20.73
56.5	1,212,783	247,045	0.2037	0.7963	19.21
57.5	965,739	185,757	0.1923	0.8077	15.29
58.5	779,982	126,969	0.1628	0.8372	12.35
59.5	653,013	628,666	0.9627	0.0373	10.34
60.5	24,347	24,347	1.0000		0.39
61.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 353.00 STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,601,099,806	2,840,574	0.0011	0.9989	100.00
0.5	2,520,848,524	2,988,076	0.0012	0.9988	99.89
1.5	2,372,001,538	16,357,732	0.0069	0.9931	99.77
2.5	2,161,656,816	4,715,280	0.0022	0.9978	99.08
3.5	2,003,253,128	15,807,589	0.0079	0.9921	98.87
4.5	1,789,860,240	17,968,102	0.0100	0.9900	98.09
5.5	1,695,865,461	15,123,365	0.0089	0.9911	97.10
6.5	1,582,199,041	10,589,301	0.0067	0.9933	96.24
7.5	1,488,622,171	12,636,312	0.0085	0.9915	95.59
8.5	1,413,866,241	8,566,628	0.0061	0.9939	94.78
9.5	1,319,163,753	4,848,917	0.0037	0.9963	94.21
10.5	1,252,294,093	11,780,950	0.0094	0.9906	93.86
11.5	1,176,999,573	6,180,006	0.0053	0.9947	92.98
12.5	1,135,983,565	5,380,475	0.0047	0.9953	92.49
13.5	1,084,360,503	7,397,152	0.0068	0.9932	92.05
14.5	1,019,562,533	11,373,809	0.0112	0.9888	91.42
15.5	972,871,953	5,510,784	0.0057	0.9943	90.40
16.5	933,394,878	8,931,340	0.0096	0.9904	89.89
17.5	882,496,507	9,152,581	0.0104	0.9896	89.03
18.5	842,374,162	7,769,900	0.0092	0.9908	88.11
19.5	793,669,648	6,628,933	0.0084	0.9916	87.30
20.5	758,587,073	6,695,443	0.0088	0.9912	86.57
21.5	721,014,066	8,810,522	0.0122	0.9878	85.80
22.5	701,595,253	9,206,264	0.0131	0.9869	84.75
23.5	675,207,638	6,922,085	0.0103	0.9897	83.64
24.5	660,037,060	9,998,098	0.0151	0.9849	82.78
25.5	639,880,147	5,014,977	0.0078	0.9922	81.53
26.5	604,962,954	8,242,039	0.0136	0.9864	80.89
27.5	576,889,984	16,933,862	0.0294	0.9706	79.79
28.5	525,350,913	4,676,918	0.0089	0.9911	77.45
29.5	503,632,861	7,291,245	0.0145	0.9855	76.76
30.5	458,590,803	8,383,980	0.0183	0.9817	75.65
31.5	424,604,115	3,693,950	0.0087	0.9913	74.26
32.5	402,550,883	5,112,507	0.0127	0.9873	73.62
33.5	387,572,153	5,817,349	0.0150	0.9850	72.68
34.5	375,606,549	6,321,387	0.0168	0.9832	71.59
35.5	357,182,481	5,231,150	0.0146	0.9854	70.39
36.5	344,249,463	4,785,367	0.0139	0.9861	69.36
37.5	319,110,852	6,663,047	0.0209	0.9791	68.39
38.5	288,078,805	8,527,530	0.0296	0.9704	66.96

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	266,220,876	6,557,731	0.0246	0.9754	64.98
40.5	234,697,027	5,376,196	0.0229	0.9771	63.38
41.5	223,527,776	4,757,339	0.0213	0.9787	61.93
42.5	209,431,385	7,099,824	0.0339	0.9661	60.61
43.5	192,453,468	6,709,329	0.0349	0.9651	58.56
44.5	176,565,169	10,633,316	0.0602	0.9398	56.51
45.5	157,206,020	8,720,186	0.0555	0.9445	53.11
46.5	125,242,261	5,156,268	0.0412	0.9588	50.17
47.5	108,382,439	5,900,007	0.0544	0.9456	48.10
48.5	87,771,220	2,710,429	0.0309	0.9691	45.48
49.5	71,505,998	2,264,786	0.0317	0.9683	44.08
50.5	60,045,349	3,504,524	0.0584	0.9416	42.68
51.5	53,757,101	2,373,250	0.0441	0.9559	40.19
52.5	41,365,548	1,678,275	0.0406	0.9594	38.42
53.5	36,957,217	1,791,587	0.0485	0.9515	36.86
54.5	30,749,147	1,091,628	0.0355	0.9645	35.07
55.5	27,441,263	562,611	0.0205	0.9795	33.83
56.5	24,611,475	1,704,760	0.0693	0.9307	33.13
57.5	20,472,917	1,855,782	0.0906	0.9094	30.84
58.5	17,940,362	136,718	0.0076	0.9924	28.04
59.5	16,758,171	1,261,238	0.0753	0.9247	27.83
60.5	14,032,502	414,867	0.0296	0.9704	25.73
61.5	2,421,687	54,073	0.0223	0.9777	24.97
62.5	2,367,614	13,558	0.0057	0.9943	24.42
63.5	2,354,056	7,414	0.0031	0.9969	24.28
64.5	2,329,369	1,834	0.0008	0.9992	24.20
65.5	2,314,749	416,953	0.1801	0.8199	24.18
66.5	1,804,608	463,900	0.2571	0.7429	19.82
67.5	1,238,763	6,927	0.0056	0.9944	14.73
68.5	1,135,849	4,940	0.0043	0.9957	14.65
69.5	1,117,437	17,773	0.0159	0.9841	14.58
70.5	863,758		0.0000	1.0000	14.35
71.5	846,575		0.0000	1.0000	14.35
72.5	837,521	8,383	0.0100	0.9900	14.35
73.5	829,138	233	0.0003	0.9997	14.21
74.5	828,906	1,398	0.0017	0.9983	14.20
75.5	833,025	2,153	0.0026	0.9974	14.18
76.5	830,872	10,961	0.0132	0.9868	14.14
77.5	819,547	15,243	0.0186	0.9814	13.96
78.5	803,955	725	0.0009	0.9991	13.70

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	433,748		0.0000	1.0000	13.68
80.5	6,357		0.0000	1.0000	13.68
81.5	6,295		0.0000	1.0000	13.68
82.5	6,295		0.0000	1.0000	13.68
83.5	6,295		0.0000	1.0000	13.68
84.5	6,295		0.0000	1.0000	13.68
85.5	6,295	3	0.0005	0.9995	13.68
86.5	6,292		0.0000	1.0000	13.68
87.5	6,292		0.0000	1.0000	13.68
88.5	6,170		0.0000	1.0000	13.68
89.5	6,170	20	0.0033	0.9967	13.68
90.5	6,150		0.0000	1.0000	13.63
91.5	6,150		0.0000	1.0000	13.63
92.5	5,517		0.0000	1.0000	13.63
93.5	5,517		0.0000	1.0000	13.63
94.5	5,517		0.0000	1.0000	13.63
95.5	5,517		0.0000	1.0000	13.63
96.5	5,517		0.0000	1.0000	13.63
97.5	5,517		0.0000	1.0000	13.63
98.5	5,517		0.0000	1.0000	13.63
99.5	5,517	228	0.0413	0.9587	13.63
100.5	5,289		0.0000	1.0000	13.07
101.5	5,289		0.0000	1.0000	13.07
102.5					13.07

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,744,005,052	2,743,477	0.0016	0.9984	100.00
0.5	1,686,847,625	1,324,444	0.0008	0.9992	99.84
1.5	1,559,767,619	14,181,376	0.0091	0.9909	99.76
2.5	1,356,589,480	2,641,530	0.0019	0.9981	98.86
3.5	1,216,868,834	12,568,423	0.0103	0.9897	98.66
4.5	1,008,513,549	14,086,098	0.0140	0.9860	97.65
5.5	935,192,966	10,689,227	0.0114	0.9886	96.28
6.5	863,912,470	6,526,987	0.0076	0.9924	95.18
7.5	794,856,748	5,849,368	0.0074	0.9926	94.46
8.5	764,142,289	5,634,735	0.0074	0.9926	93.77
9.5	691,635,296	3,228,492	0.0047	0.9953	93.08
10.5	674,094,054	4,028,033	0.0060	0.9940	92.64
11.5	636,004,365	3,073,569	0.0048	0.9952	92.09
12.5	623,497,988	3,155,427	0.0051	0.9949	91.64
13.5	591,627,467	4,587,567	0.0078	0.9922	91.18
14.5	542,206,105	9,184,427	0.0169	0.9831	90.47
15.5	515,449,527	2,586,261	0.0050	0.9950	88.94
16.5	491,904,056	7,543,066	0.0153	0.9847	88.49
17.5	470,503,603	6,193,779	0.0132	0.9868	87.14
18.5	466,530,818	4,482,178	0.0096	0.9904	85.99
19.5	438,190,342	3,634,338	0.0083	0.9917	85.16
20.5	432,084,028	3,455,223	0.0080	0.9920	84.46
21.5	410,001,901	6,042,611	0.0147	0.9853	83.78
22.5	408,076,800	5,429,743	0.0133	0.9867	82.55
23.5	406,010,086	4,421,889	0.0109	0.9891	81.45
24.5	407,229,955	6,730,841	0.0165	0.9835	80.56
25.5	402,855,941	2,878,226	0.0071	0.9929	79.23
26.5	405,827,433	5,936,189	0.0146	0.9854	78.66
27.5	407,711,013	15,521,369	0.0381	0.9619	77.51
28.5	391,647,997	3,166,369	0.0081	0.9919	74.56
29.5	392,730,524	6,517,460	0.0166	0.9834	73.96
30.5	367,005,899	6,758,254	0.0184	0.9816	72.73
31.5	341,802,532	3,155,417	0.0092	0.9908	71.39
32.5	337,804,884	3,334,097	0.0099	0.9901	70.73
33.5	329,663,180	4,863,006	0.0148	0.9852	70.04
34.5	327,105,846	6,039,134	0.0185	0.9815	69.00
35.5	315,155,519	4,219,114	0.0134	0.9866	67.73
36.5	307,352,892	4,141,266	0.0135	0.9865	66.82
37.5	286,059,765	6,064,417	0.0212	0.9788	65.92
38.5	258,320,861	8,516,702	0.0330	0.9670	64.52

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	238,205,289	6,286,671	0.0264	0.9736	62.40
40.5	209,932,423	5,332,808	0.0254	0.9746	60.75
41.5	221,142,835	4,757,339	0.0215	0.9785	59.21
42.5	207,046,444	7,099,824	0.0343	0.9657	57.93
43.5	189,946,056	6,709,329	0.0353	0.9647	55.95
44.5	174,076,210	10,633,316	0.0611	0.9389	53.97
45.5	154,739,715	8,720,186	0.0564	0.9436	50.67
46.5	122,908,187	5,156,268	0.0420	0.9580	47.82
47.5	106,175,115	5,900,007	0.0556	0.9444	45.81
48.5	85,679,073	2,710,429	0.0316	0.9684	43.27
49.5	69,427,532	2,264,786	0.0326	0.9674	41.90
50.5	58,289,005	3,504,524	0.0601	0.9399	40.53
51.5	52,021,970	2,373,250	0.0456	0.9544	38.09
52.5	39,639,745	1,678,275	0.0423	0.9577	36.36
53.5	35,187,615	1,733,823	0.0493	0.9507	34.82
54.5	29,037,309	1,091,628	0.0376	0.9624	33.10
55.5	25,729,425	562,611	0.0219	0.9781	31.86
56.5	22,899,637	1,704,760	0.0744	0.9256	31.16
57.5	18,761,451	1,855,782	0.0989	0.9011	28.84
58.5	16,229,856	136,718	0.0084	0.9916	25.99
59.5	15,879,957	1,261,238	0.0794	0.9206	25.77
60.5	14,030,833	414,867	0.0296	0.9704	23.72
61.5	2,420,081	54,073	0.0223	0.9777	23.02
62.5	2,366,008	13,558	0.0057	0.9943	22.51
63.5	2,352,450	7,414	0.0032	0.9968	22.38
64.5	2,327,763	1,834	0.0008	0.9992	22.31
65.5	2,313,143	416,953	0.1803	0.8197	22.29
66.5	1,803,002	463,900	0.2573	0.7427	18.27
67.5	1,237,157	6,927	0.0056	0.9944	13.57
68.5	1,135,196	4,940	0.0044	0.9956	13.49
69.5	1,116,784	17,773	0.0159	0.9841	13.44
70.5	863,105		0.0000	1.0000	13.22
71.5	845,922		0.0000	1.0000	13.22
72.5	837,521	8,383	0.0100	0.9900	13.22
73.5	829,138	233	0.0003	0.9997	13.09
74.5	828,906	1,398	0.0017	0.9983	13.09
75.5	827,508	2,153	0.0026	0.9974	13.06
76.5	825,355	10,961	0.0133	0.9867	13.03
77.5	814,030	15,243	0.0187	0.9813	12.86
78.5	798,438	725	0.0009	0.9991	12.62

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

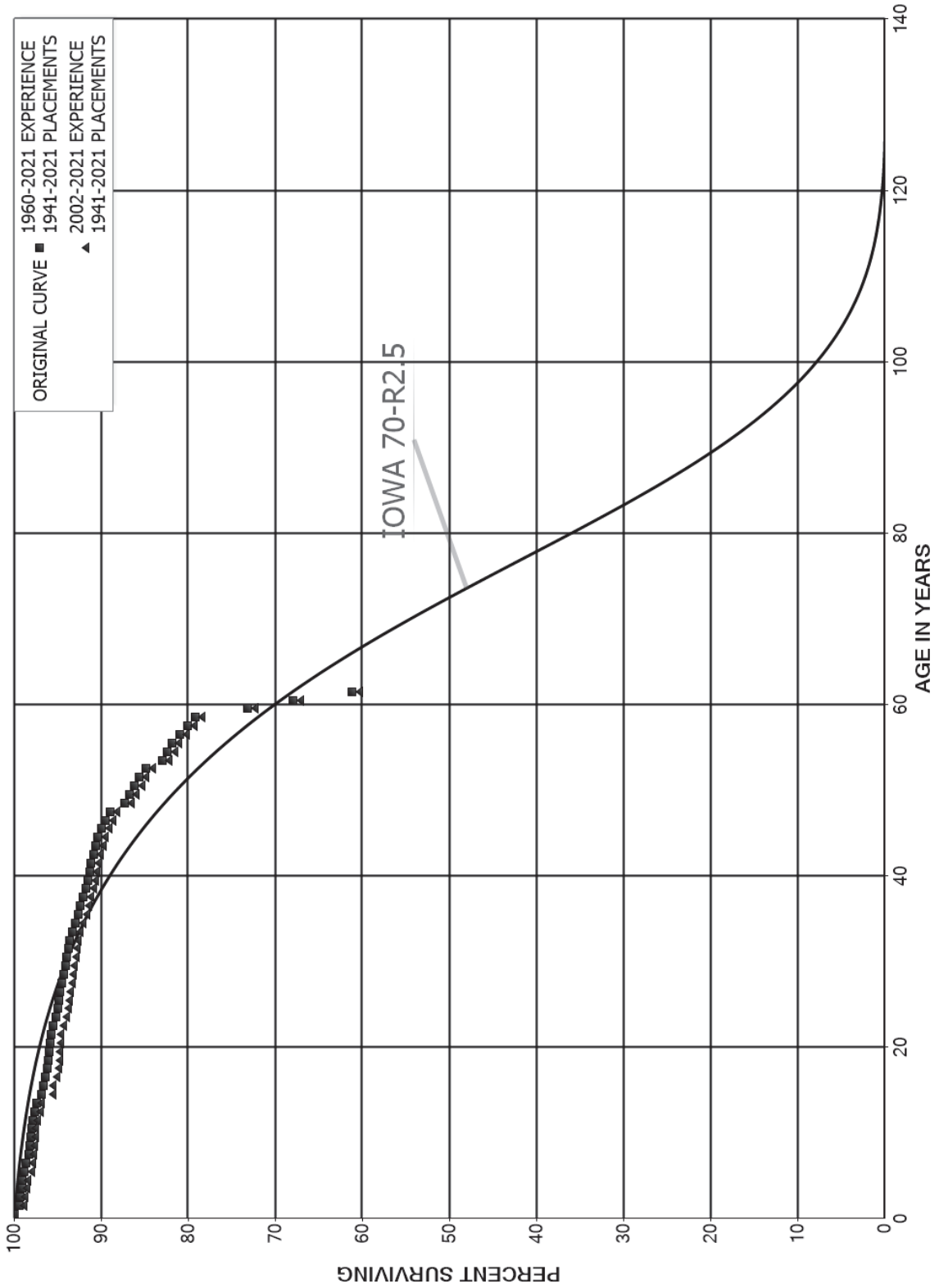
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	428,231		0.0000	1.0000	12.60
80.5	840		0.0000	1.0000	12.60
81.5	778		0.0000	1.0000	12.60
82.5	6,295		0.0000	1.0000	12.60
83.5	6,295		0.0000	1.0000	12.60
84.5	6,295		0.0000	1.0000	12.60
85.5	6,295	3	0.0005	0.9995	12.60
86.5	6,292		0.0000	1.0000	12.60
87.5	6,292		0.0000	1.0000	12.60
88.5	6,170		0.0000	1.0000	12.60
89.5	6,170	20	0.0033	0.9967	12.60
90.5	6,150		0.0000	1.0000	12.56
91.5	6,150		0.0000	1.0000	12.56
92.5	5,517		0.0000	1.0000	12.56
93.5	5,517		0.0000	1.0000	12.56
94.5	5,517		0.0000	1.0000	12.56
95.5	5,517		0.0000	1.0000	12.56
96.5	5,517		0.0000	1.0000	12.56
97.5	5,517		0.0000	1.0000	12.56
98.5	5,517		0.0000	1.0000	12.56
99.5	5,517	228	0.0413	0.9587	12.56
100.5	5,289		0.0000	1.0000	12.04
101.5	5,289		0.0000	1.0000	12.04
102.5					12.04

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 354.00 TOWERS AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1941-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	682,283,603	75,908	0.0001	0.9999	100.00
0.5	666,971,012	4,072,399	0.0061	0.9939	99.99
1.5	631,929,381	437,770	0.0007	0.9993	99.38
2.5	594,108,992	1,181,531	0.0020	0.9980	99.31
3.5	581,177,155	389,425	0.0007	0.9993	99.11
4.5	571,990,893	1,443,276	0.0025	0.9975	99.05
5.5	558,026,941	927,914	0.0017	0.9983	98.80
6.5	544,979,738	1,665,090	0.0031	0.9969	98.63
7.5	521,782,459	583,984	0.0011	0.9989	98.33
8.5	490,001,516	876,585	0.0018	0.9982	98.22
9.5	441,697,062	323,556	0.0007	0.9993	98.04
10.5	434,353,007	613,217	0.0014	0.9986	97.97
11.5	406,039,340	1,077,420	0.0027	0.9973	97.83
12.5	401,171,476	766,585	0.0019	0.9981	97.57
13.5	395,521,771	2,318,347	0.0059	0.9941	97.39
14.5	374,359,665	599,989	0.0016	0.9984	96.82
15.5	359,482,769	963,737	0.0027	0.9973	96.66
16.5	354,336,355	740,076	0.0021	0.9979	96.40
17.5	348,185,012	538,471	0.0015	0.9985	96.20
18.5	344,011,111	257,280	0.0007	0.9993	96.05
19.5	338,307,726	332,237	0.0010	0.9990	95.98
20.5	332,627,760	538,164	0.0016	0.9984	95.89
21.5	328,501,871	740,711	0.0023	0.9977	95.73
22.5	325,549,130	1,183,448	0.0036	0.9964	95.52
23.5	323,064,696	578,411	0.0018	0.9982	95.17
24.5	317,837,235	530,405	0.0017	0.9983	95.00
25.5	310,936,884	554,604	0.0018	0.9982	94.84
26.5	298,921,186	401,422	0.0013	0.9987	94.67
27.5	287,107,955	904,683	0.0032	0.9968	94.54
28.5	282,210,165	427,018	0.0015	0.9985	94.25
29.5	279,967,293	456,230	0.0016	0.9984	94.10
30.5	264,854,723	505,982	0.0019	0.9981	93.95
31.5	250,895,028	322,958	0.0013	0.9987	93.77
32.5	239,891,604	912,139	0.0038	0.9962	93.65
33.5	234,617,480	773,059	0.0033	0.9967	93.29
34.5	230,622,952	890,527	0.0039	0.9961	92.99
35.5	222,105,424	562,282	0.0025	0.9975	92.63
36.5	214,684,394	747,546	0.0035	0.9965	92.39
37.5	204,849,007	802,459	0.0039	0.9961	92.07
38.5	196,946,641	519,714	0.0026	0.9974	91.71

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1941-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	181,775,391	366,686	0.0020	0.9980	91.47
40.5	170,562,966	293,424	0.0017	0.9983	91.28
41.5	165,364,151	461,870	0.0028	0.9972	91.13
42.5	160,190,512	471,735	0.0029	0.9971	90.87
43.5	154,638,217	378,319	0.0024	0.9976	90.60
44.5	141,345,811	759,682	0.0054	0.9946	90.38
45.5	136,167,934	649,244	0.0048	0.9952	89.90
46.5	125,763,393	707,608	0.0056	0.9944	89.47
47.5	89,527,278	1,672,076	0.0187	0.9813	88.96
48.5	76,496,791	523,898	0.0068	0.9932	87.30
49.5	50,509,519	339,508	0.0067	0.9933	86.71
50.5	47,151,514	285,640	0.0061	0.9939	86.12
51.5	39,803,800	331,674	0.0083	0.9917	85.60
52.5	31,259,604	721,763	0.0231	0.9769	84.89
53.5	27,050,649	191,261	0.0071	0.9929	82.93
54.5	24,457,099	142,074	0.0058	0.9942	82.34
55.5	22,051,647	242,686	0.0110	0.9890	81.86
56.5	19,534,607	210,912	0.0108	0.9892	80.96
57.5	17,270,010	197,538	0.0114	0.9886	80.09
58.5	14,624,447	1,116,415	0.0763	0.9237	79.17
59.5	12,991,190	915,153	0.0704	0.9296	73.13
60.5	11,572,147	1,165,893	0.1007	0.8993	67.98
61.5	317,254		0.0000	1.0000	61.13
62.5	317,254		0.0000	1.0000	61.13
63.5	317,254		0.0000	1.0000	61.13
64.5	317,254		0.0000	1.0000	61.13
65.5	317,254		0.0000	1.0000	61.13
66.5	317,254	158,627	0.5000	0.5000	61.13
67.5	158,627	158,627	1.0000		30.56
68.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1941-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	330,875,518		0.0000	1.0000	100.00
0.5	320,312,121	3,930,088	0.0123	0.9877	100.00
1.5	290,271,273	368,850	0.0013	0.9987	98.77
2.5	255,654,804	743,306	0.0029	0.9971	98.65
3.5	244,458,055	245,072	0.0010	0.9990	98.36
4.5	240,463,841	1,131,981	0.0047	0.9953	98.26
5.5	233,145,652	158,957	0.0007	0.9993	97.80
6.5	233,561,914	244,988	0.0010	0.9990	97.73
7.5	223,478,276	172,881	0.0008	0.9992	97.63
8.5	196,960,884	290,468	0.0015	0.9985	97.55
9.5	153,246,680	34,804	0.0002	0.9998	97.41
10.5	161,179,037	346,480	0.0021	0.9979	97.39
11.5	146,761,456	568,112	0.0039	0.9961	97.18
12.5	153,386,835	123,641	0.0008	0.9992	96.80
13.5	152,822,937	2,039,106	0.0133	0.9867	96.73
14.5	135,250,917	124,319	0.0009	0.9991	95.43
15.5	128,540,490	506,674	0.0039	0.9961	95.35
16.5	130,840,836	299,944	0.0023	0.9977	94.97
17.5	134,393,135	130,557	0.0010	0.9990	94.75
18.5	137,233,474	40,771	0.0003	0.9997	94.66
19.5	146,546,257	129,875	0.0009	0.9991	94.63
20.5	153,739,138	26,890	0.0002	0.9998	94.55
21.5	155,230,378	506,609	0.0033	0.9967	94.53
22.5	157,471,625	649,665	0.0041	0.9959	94.22
23.5	161,205,782	358,535	0.0022	0.9978	93.84
24.5	169,572,024	204,336	0.0012	0.9988	93.63
25.5	167,571,298	268,167	0.0016	0.9984	93.51
26.5	164,892,375	242,814	0.0015	0.9985	93.36
27.5	190,459,839	351,526	0.0018	0.9982	93.23
28.5	197,975,033	289,764	0.0015	0.9985	93.05
29.5	223,601,559	394,760	0.0018	0.9982	92.92
30.5	212,135,514	289,620	0.0014	0.9986	92.75
31.5	205,895,021	295,839	0.0014	0.9986	92.63
32.5	204,308,488	557,135	0.0027	0.9973	92.49
33.5	204,559,764	766,684	0.0037	0.9963	92.24
34.5	203,423,783	766,059	0.0038	0.9962	91.90
35.5	197,506,453	553,686	0.0028	0.9972	91.55
36.5	192,660,017	583,256	0.0030	0.9970	91.29
37.5	185,182,028	603,780	0.0033	0.9967	91.02
38.5	180,058,638	433,094	0.0024	0.9976	90.72

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

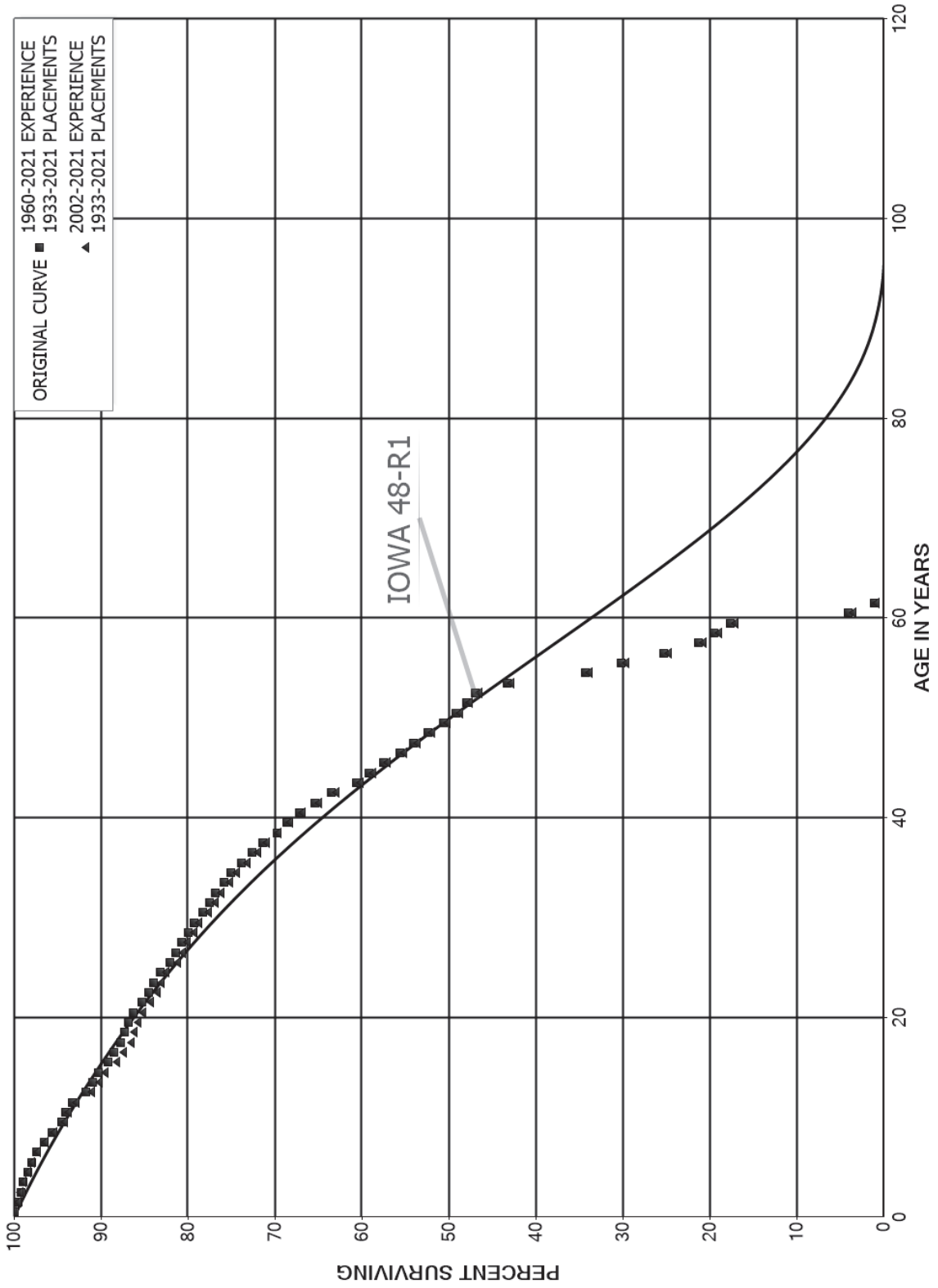
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1941-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	165,588,280	290,969	0.0018	0.9982	90.50
40.5	155,280,796	284,724	0.0018	0.9982	90.34
41.5	165,046,897	461,870	0.0028	0.9972	90.18
42.5	159,873,258	471,735	0.0030	0.9970	89.93
43.5	154,320,963	378,319	0.0025	0.9975	89.66
44.5	141,028,557	759,682	0.0054	0.9946	89.44
45.5	135,850,680	649,244	0.0048	0.9952	88.96
46.5	125,446,139	707,608	0.0056	0.9944	88.53
47.5	89,210,024	1,672,076	0.0187	0.9813	88.03
48.5	76,179,537	523,898	0.0069	0.9931	86.38
49.5	50,192,265	339,508	0.0068	0.9932	85.79
50.5	46,834,260	285,640	0.0061	0.9939	85.21
51.5	39,486,546	331,674	0.0084	0.9916	84.69
52.5	30,942,350	721,763	0.0233	0.9767	83.98
53.5	26,733,395	191,261	0.0072	0.9928	82.02
54.5	24,139,845	142,074	0.0059	0.9941	81.43
55.5	21,734,393	242,686	0.0112	0.9888	80.95
56.5	19,217,353	210,912	0.0110	0.9890	80.05
57.5	16,952,756	197,538	0.0117	0.9883	79.17
58.5	14,307,193	1,116,415	0.0780	0.9220	78.25
59.5	12,673,936	915,153	0.0722	0.9278	72.14
60.5	11,572,147	1,165,893	0.1007	0.8993	66.93
61.5	317,254		0.0000	1.0000	60.19
62.5	317,254		0.0000	1.0000	60.19
63.5	317,254		0.0000	1.0000	60.19
64.5	317,254		0.0000	1.0000	60.19
65.5	317,254		0.0000	1.0000	60.19
66.5	317,254	158,627	0.5000	0.5000	60.19
67.5	158,627	158,627	1.0000		30.10
68.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 355.00 POLES AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1933-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	731,822,112	318,303	0.0004	0.9996	100.00
0.5	668,355,898	3,349,693	0.0050	0.9950	99.96
1.5	603,789,330	1,518,343	0.0025	0.9975	99.46
2.5	573,220,495	1,797,888	0.0031	0.9969	99.21
3.5	542,274,037	2,977,830	0.0055	0.9945	98.89
4.5	425,066,900	1,828,688	0.0043	0.9957	98.35
5.5	388,351,057	2,140,106	0.0055	0.9945	97.93
6.5	368,380,882	3,247,381	0.0088	0.9912	97.39
7.5	340,125,815	3,408,604	0.0100	0.9900	96.53
8.5	318,407,985	3,509,122	0.0110	0.9890	95.56
9.5	296,404,626	1,272,093	0.0043	0.9957	94.51
10.5	283,476,577	2,384,943	0.0084	0.9916	94.10
11.5	266,613,805	4,427,970	0.0166	0.9834	93.31
12.5	251,855,029	2,205,192	0.0088	0.9912	91.76
13.5	218,480,358	1,578,650	0.0072	0.9928	90.96
14.5	204,107,103	2,582,230	0.0127	0.9873	90.30
15.5	184,618,779	1,420,356	0.0077	0.9923	89.16
16.5	158,882,177	1,440,910	0.0091	0.9909	88.47
17.5	139,818,124	563,175	0.0040	0.9960	87.67
18.5	128,315,308	776,139	0.0060	0.9940	87.32
19.5	109,888,374	695,380	0.0063	0.9937	86.79
20.5	101,902,277	1,124,911	0.0110	0.9890	86.24
21.5	89,307,177	855,155	0.0096	0.9904	85.29
22.5	84,577,931	572,509	0.0068	0.9932	84.47
23.5	79,044,869	639,300	0.0081	0.9919	83.90
24.5	75,014,836	1,089,132	0.0145	0.9855	83.22
25.5	70,985,875	530,398	0.0075	0.9925	82.01
26.5	66,671,925	510,713	0.0077	0.9923	81.40
27.5	62,545,921	644,988	0.0103	0.9897	80.78
28.5	59,276,880	492,542	0.0083	0.9917	79.94
29.5	56,329,400	711,678	0.0126	0.9874	79.28
30.5	52,675,313	502,711	0.0095	0.9905	78.28
31.5	49,356,382	439,803	0.0089	0.9911	77.53
32.5	45,904,220	581,299	0.0127	0.9873	76.84
33.5	42,509,916	450,035	0.0106	0.9894	75.87
34.5	40,533,859	640,488	0.0158	0.9842	75.06
35.5	36,888,157	639,242	0.0173	0.9827	73.88
36.5	35,138,460	566,210	0.0161	0.9839	72.60
37.5	31,411,173	724,936	0.0231	0.9769	71.43
38.5	28,819,420	494,011	0.0171	0.9829	69.78

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1933-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	27,017,587	557,335	0.0206	0.9794	68.58
40.5	24,507,365	628,213	0.0256	0.9744	67.17
41.5	22,222,960	667,592	0.0300	0.9700	65.45
42.5	20,251,292	902,918	0.0446	0.9554	63.48
43.5	18,863,807	444,283	0.0236	0.9764	60.65
44.5	17,022,404	484,598	0.0285	0.9715	59.22
45.5	16,134,159	543,229	0.0337	0.9663	57.54
46.5	14,306,668	400,981	0.0280	0.9720	55.60
47.5	11,251,743	346,325	0.0308	0.9692	54.04
48.5	10,341,762	346,893	0.0335	0.9665	52.38
49.5	8,896,468	251,561	0.0283	0.9717	50.62
50.5	8,086,258	194,448	0.0240	0.9760	49.19
51.5	6,795,031	153,669	0.0226	0.9774	48.01
52.5	5,487,780	421,300	0.0768	0.9232	46.92
53.5	4,534,446	943,487	0.2081	0.7919	43.32
54.5	3,590,959	436,747	0.1216	0.8784	34.30
55.5	3,154,212	512,518	0.1625	0.8375	30.13
56.5	2,641,694	414,574	0.1569	0.8431	25.24
57.5	2,227,120	185,861	0.0835	0.9165	21.28
58.5	2,041,258	202,581	0.0992	0.9008	19.50
59.5	1,838,677	1,414,736	0.7694	0.2306	17.57
60.5	423,941	308,667	0.7281	0.2719	4.05
61.5	115,275	269	0.0023	0.9977	1.10
62.5	115,005		0.0000	1.0000	1.10
63.5	115,005		0.0000	1.0000	1.10
64.5	115,005	17,039	0.1482	0.8518	1.10
65.5	97,966	21,141	0.2158	0.7842	0.94
66.5	76,825	22,802	0.2968	0.7032	0.73
67.5	54,023		0.0000	1.0000	0.52
68.5	54,023	1,344	0.0249	0.9751	0.52
69.5	52,679		0.0000	1.0000	0.50
70.5	52,679		0.0000	1.0000	0.50
71.5	52,679		0.0000	1.0000	0.50
72.5	52,679		0.0000	1.0000	0.50
73.5	52,679		0.0000	1.0000	0.50
74.5	52,679		0.0000	1.0000	0.50
75.5	52,679		0.0000	1.0000	0.50
76.5	52,679		0.0000	1.0000	0.50
77.5	52,679		0.0000	1.0000	0.50
78.5	52,679		0.0000	1.0000	0.50

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1933-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	52,679	17,559	0.3333	0.6667	0.50
80.5	35,120		0.0000	1.0000	0.34
81.5	35,120		0.0000	1.0000	0.34
82.5	35,120		0.0000	1.0000	0.34
83.5	35,120		0.0000	1.0000	0.34
84.5	35,120		0.0000	1.0000	0.34
85.5	35,120	750	0.0214	0.9786	0.34
86.5	34,370		0.0000	1.0000	0.33
87.5	34,370	34,370	1.0000		0.33
88.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1933-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	611,920,959	233,151	0.0004	0.9996	100.00
0.5	556,044,809	3,070,823	0.0055	0.9945	99.96
1.5	504,942,688	1,173,326	0.0023	0.9977	99.41
2.5	478,966,346	1,479,626	0.0031	0.9969	99.18
3.5	453,685,335	2,781,493	0.0061	0.9939	98.87
4.5	340,420,515	1,564,834	0.0046	0.9954	98.27
5.5	307,560,207	1,896,366	0.0062	0.9938	97.81
6.5	291,992,201	2,729,149	0.0093	0.9907	97.21
7.5	268,596,697	2,789,321	0.0104	0.9896	96.30
8.5	250,343,772	3,158,496	0.0126	0.9874	95.30
9.5	231,421,152	1,145,538	0.0050	0.9950	94.10
10.5	222,044,597	2,175,805	0.0098	0.9902	93.63
11.5	208,844,643	4,011,676	0.0192	0.9808	92.72
12.5	198,006,667	1,895,993	0.0096	0.9904	90.94
13.5	168,292,625	1,337,410	0.0079	0.9921	90.07
14.5	156,088,771	2,263,137	0.0145	0.9855	89.35
15.5	140,358,031	1,238,282	0.0088	0.9912	88.05
16.5	116,142,371	1,140,224	0.0098	0.9902	87.28
17.5	100,957,361	356,933	0.0035	0.9965	86.42
18.5	91,875,046	561,892	0.0061	0.9939	86.11
19.5	75,298,359	446,122	0.0059	0.9941	85.59
20.5	69,904,757	733,845	0.0105	0.9895	85.08
21.5	59,899,832	574,035	0.0096	0.9904	84.19
22.5	57,311,662	287,582	0.0050	0.9950	83.38
23.5	52,845,517	376,143	0.0071	0.9929	82.96
24.5	51,108,021	829,232	0.0162	0.9838	82.37
25.5	47,941,905	291,524	0.0061	0.9939	81.04
26.5	45,674,185	335,896	0.0074	0.9926	80.54
27.5	45,804,163	447,568	0.0098	0.9902	79.95
28.5	43,625,441	314,860	0.0072	0.9928	79.17
29.5	42,797,885	592,251	0.0138	0.9862	78.60
30.5	40,365,465	381,856	0.0095	0.9905	77.51
31.5	38,995,801	358,431	0.0092	0.9908	76.78
32.5	37,436,054	515,676	0.0138	0.9862	76.07
33.5	35,680,706	365,547	0.0102	0.9898	75.02
34.5	35,041,324	575,311	0.0164	0.9836	74.25
35.5	32,217,692	550,059	0.0171	0.9829	73.04
36.5	31,091,961	433,805	0.0140	0.9860	71.79
37.5	27,867,610	521,887	0.0187	0.9813	70.79
38.5	25,827,287	461,268	0.0179	0.9821	69.46

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1933-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	24,334,300	527,677	0.0217	0.9783	68.22
40.5	22,059,766	627,639	0.0285	0.9715	66.74
41.5	22,102,887	667,592	0.0302	0.9698	64.84
42.5	20,131,973	902,918	0.0448	0.9552	62.88
43.5	18,744,488	444,283	0.0237	0.9763	60.06
44.5	16,903,085	484,598	0.0287	0.9713	58.64
45.5	16,034,855	543,229	0.0339	0.9661	56.96
46.5	14,229,759	400,981	0.0282	0.9718	55.03
47.5	11,180,077	346,325	0.0310	0.9690	53.48
48.5	10,270,096	346,893	0.0338	0.9662	51.82
49.5	8,824,802	251,561	0.0285	0.9715	50.07
50.5	8,014,592	194,448	0.0243	0.9757	48.64
51.5	6,723,365	153,669	0.0229	0.9771	47.46
52.5	5,416,114	421,300	0.0778	0.9222	46.38
53.5	4,462,780	943,487	0.2114	0.7886	42.77
54.5	3,519,293	436,747	0.1241	0.8759	33.73
55.5	3,082,546	512,518	0.1663	0.8337	29.54
56.5	2,570,028	414,574	0.1613	0.8387	24.63
57.5	2,155,454	185,861	0.0862	0.9138	20.66
58.5	1,969,592	202,581	0.1029	0.8971	18.88
59.5	1,767,095	1,414,736	0.8006	0.1994	16.94
60.5	387,477	308,667	0.7966	0.2034	3.38
61.5	78,811	269	0.0034	0.9966	0.69
62.5	78,541		0.0000	1.0000	0.68
63.5	78,541		0.0000	1.0000	0.68
64.5	78,541	17,039	0.2169	0.7831	0.68
65.5	61,502	21,141	0.3437	0.6563	0.54
66.5	40,361	22,802	0.5650	0.4350	0.35
67.5	17,559		0.0000	1.0000	0.15
68.5	54,023	1,344	0.0249	0.9751	0.15
69.5	52,679		0.0000	1.0000	0.15
70.5	52,679		0.0000	1.0000	0.15
71.5	52,679		0.0000	1.0000	0.15
72.5	52,679		0.0000	1.0000	0.15
73.5	52,679		0.0000	1.0000	0.15
74.5	52,679		0.0000	1.0000	0.15
75.5	52,679		0.0000	1.0000	0.15
76.5	52,679		0.0000	1.0000	0.15
77.5	52,679		0.0000	1.0000	0.15
78.5	52,679		0.0000	1.0000	0.15

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

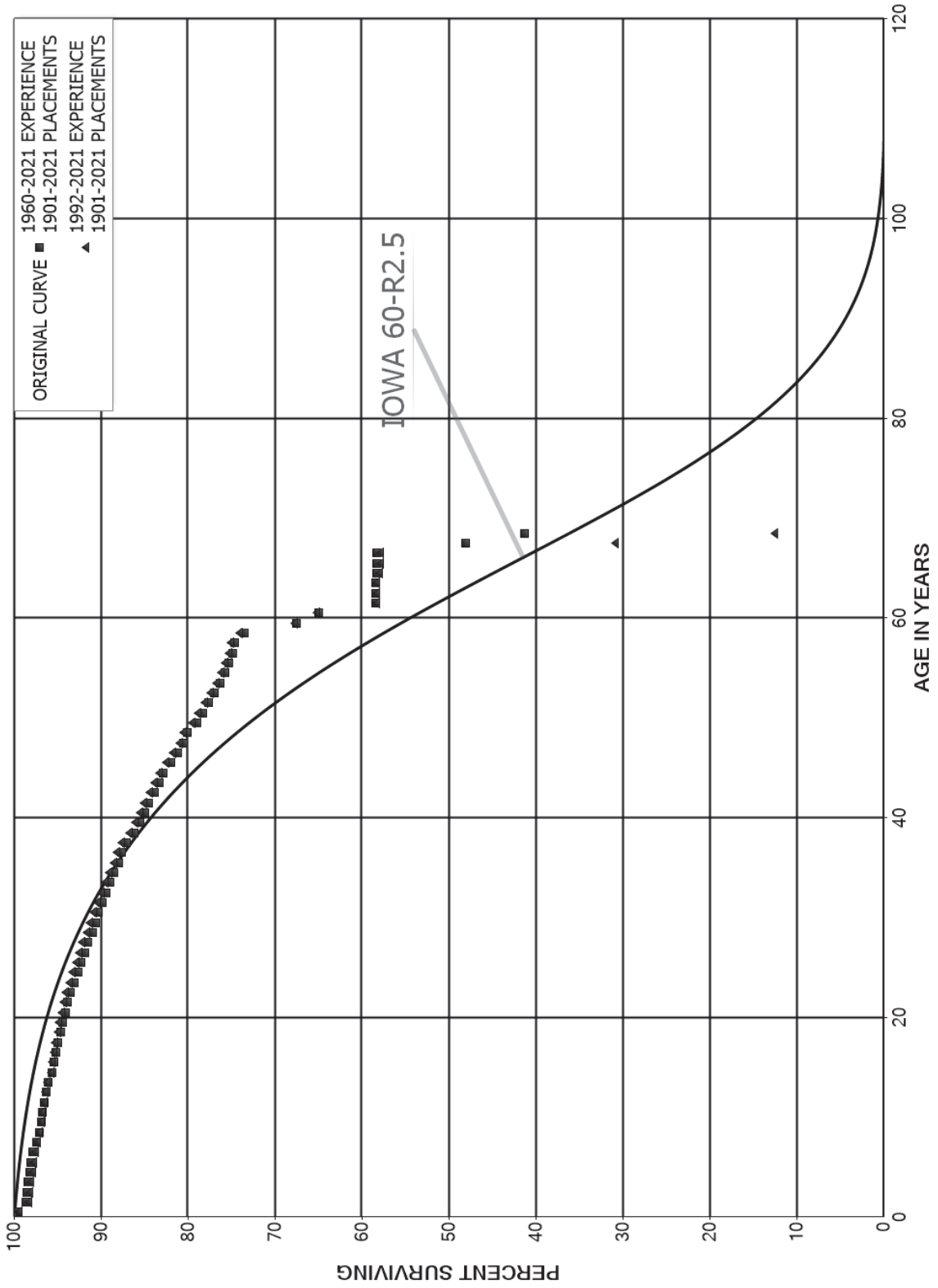
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1933-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	52,679	17,559	0.3333	0.6667	0.15
80.5	35,120		0.0000	1.0000	0.10
81.5	35,120		0.0000	1.0000	0.10
82.5	35,120		0.0000	1.0000	0.10
83.5	35,120		0.0000	1.0000	0.10
84.5	35,120		0.0000	1.0000	0.10
85.5	35,120	750	0.0214	0.9786	0.10
86.5	34,370		0.0000	1.0000	0.10
87.5	34,370	34,370	1.0000		0.10
88.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1901-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,018,254,840	5,302,006	0.0052	0.9948	100.00
0.5	872,897,744	7,513,782	0.0086	0.9914	99.48
1.5	837,888,733	821,395	0.0010	0.9990	98.62
2.5	794,943,077	1,394,724	0.0018	0.9982	98.53
3.5	755,463,679	1,436,882	0.0019	0.9981	98.35
4.5	712,505,634	1,016,749	0.0014	0.9986	98.17
5.5	681,345,755	1,090,978	0.0016	0.9984	98.03
6.5	656,816,366	3,543,576	0.0054	0.9946	97.87
7.5	633,869,594	1,854,015	0.0029	0.9971	97.34
8.5	601,844,578	1,496,569	0.0025	0.9975	97.06
9.5	576,267,574	748,470	0.0013	0.9987	96.82
10.5	546,561,334	865,246	0.0016	0.9984	96.69
11.5	517,744,406	1,371,025	0.0026	0.9974	96.54
12.5	476,970,938	1,286,863	0.0027	0.9973	96.28
13.5	447,333,868	1,830,119	0.0041	0.9959	96.02
14.5	420,434,067	851,066	0.0020	0.9980	95.63
15.5	383,926,995	1,029,436	0.0027	0.9973	95.43
16.5	355,917,417	829,582	0.0023	0.9977	95.18
17.5	332,946,624	1,139,903	0.0034	0.9966	94.96
18.5	318,494,253	744,974	0.0023	0.9977	94.63
19.5	302,253,588	979,108	0.0032	0.9968	94.41
20.5	295,620,812	808,283	0.0027	0.9973	94.10
21.5	288,479,233	960,244	0.0033	0.9967	93.85
22.5	283,745,199	1,510,885	0.0053	0.9947	93.53
23.5	278,660,200	1,157,486	0.0042	0.9958	93.04
24.5	270,976,359	1,108,458	0.0041	0.9959	92.65
25.5	263,638,525	1,095,099	0.0042	0.9958	92.27
26.5	244,202,838	1,031,247	0.0042	0.9958	91.89
27.5	233,328,384	1,339,700	0.0057	0.9943	91.50
28.5	227,789,684	899,518	0.0039	0.9961	90.97
29.5	224,702,959	869,333	0.0039	0.9961	90.62
30.5	212,951,876	1,025,093	0.0048	0.9952	90.26
31.5	200,241,288	937,322	0.0047	0.9953	89.83
32.5	191,032,214	950,654	0.0050	0.9950	89.41
33.5	185,610,903	1,024,088	0.0055	0.9945	88.96
34.5	181,164,487	1,069,906	0.0059	0.9941	88.47
35.5	173,163,358	724,257	0.0042	0.9958	87.95
36.5	168,390,218	1,004,518	0.0060	0.9940	87.58
37.5	160,262,421	1,654,127	0.0103	0.9897	87.06
38.5	153,367,371	1,153,025	0.0075	0.9925	86.16

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	140,655,782	974,833	0.0069	0.9931	85.51
40.5	131,283,309	595,528	0.0045	0.9955	84.92
41.5	125,416,837	1,069,995	0.0085	0.9915	84.54
42.5	119,891,836	806,466	0.0067	0.9933	83.82
43.5	115,077,017	619,468	0.0054	0.9946	83.25
44.5	105,964,817	1,040,968	0.0098	0.9902	82.80
45.5	100,804,943	971,369	0.0096	0.9904	81.99
46.5	92,486,711	821,068	0.0089	0.9911	81.20
47.5	68,537,737	383,689	0.0056	0.9944	80.48
48.5	59,936,322	777,410	0.0130	0.9870	80.03
49.5	40,536,882	346,512	0.0085	0.9915	78.99
50.5	38,304,013	334,423	0.0087	0.9913	78.32
51.5	33,380,449	305,940	0.0092	0.9908	77.63
52.5	27,700,372	237,858	0.0086	0.9914	76.92
53.5	24,318,944	173,988	0.0072	0.9928	76.26
54.5	22,142,304	136,697	0.0062	0.9938	75.71
55.5	19,867,465	103,703	0.0052	0.9948	75.25
56.5	17,905,138	52,724	0.0029	0.9971	74.85
57.5	16,378,911	240,715	0.0147	0.9853	74.63
58.5	15,357,468	1,260,308	0.0821	0.9179	73.54
59.5	13,644,675	506,318	0.0371	0.9629	67.50
60.5	12,237,045	1,238,360	0.1012	0.8988	65.00
61.5	753,782	326	0.0004	0.9996	58.42
62.5	753,457	139	0.0002	0.9998	58.39
63.5	753,318	1,357	0.0018	0.9982	58.38
64.5	747,023	389	0.0005	0.9995	58.28
65.5	744,644		0.0000	1.0000	58.25
66.5	726,223	127,146	0.1751	0.8249	58.25
67.5	595,324	83,816	0.1408	0.8592	48.05
68.5	511,508	522	0.0010	0.9990	41.29
69.5	510,986	44	0.0001	0.9999	41.24
70.5	510,941		0.0000	1.0000	41.24
71.5	505,422		0.0000	1.0000	41.24
72.5	504,974	0	0.0000	1.0000	41.24
73.5	504,974	586	0.0012	0.9988	41.24
74.5	504,387	387	0.0008	0.9992	41.19
75.5	504,000		0.0000	1.0000	41.16
76.5	504,000		0.0000	1.0000	41.16
77.5	504,000	27,294	0.0542	0.9458	41.16
78.5	476,706	1,980	0.0042	0.9958	38.93

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	474,725	4,341	0.0091	0.9909	38.77
80.5	459,276		0.0000	1.0000	38.41
81.5	456,237		0.0000	1.0000	38.41
82.5	456,237	604	0.0013	0.9987	38.41
83.5	455,633		0.0000	1.0000	38.36
84.5	455,633		0.0000	1.0000	38.36
85.5	455,633	666	0.0015	0.9985	38.36
86.5	454,967		0.0000	1.0000	38.31
87.5	454,967		0.0000	1.0000	38.31
88.5	454,967		0.0000	1.0000	38.31
89.5	454,967		0.0000	1.0000	38.31
90.5	454,967		0.0000	1.0000	38.31
91.5	454,967	206	0.0005	0.9995	38.31
92.5					38.29

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1901-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	772,512,289	5,266,559	0.0068	0.9932	100.00
0.5	638,821,881	7,295,799	0.0114	0.9886	99.32
1.5	616,787,908	625,344	0.0010	0.9990	98.18
2.5	583,005,692	924,269	0.0016	0.9984	98.08
3.5	549,500,460	1,237,059	0.0023	0.9977	97.93
4.5	510,775,687	592,607	0.0012	0.9988	97.71
5.5	487,472,002	910,184	0.0019	0.9981	97.60
6.5	467,526,396	1,193,164	0.0026	0.9974	97.41
7.5	454,807,801	1,007,599	0.0022	0.9978	97.16
8.5	429,801,699	1,006,819	0.0023	0.9977	96.95
9.5	417,002,948	498,339	0.0012	0.9988	96.72
10.5	397,329,651	652,467	0.0016	0.9984	96.61
11.5	374,731,058	773,515	0.0021	0.9979	96.45
12.5	339,739,175	526,497	0.0015	0.9985	96.25
13.5	315,584,028	1,439,433	0.0046	0.9954	96.10
14.5	298,764,483	473,163	0.0016	0.9984	95.66
15.5	267,319,042	542,946	0.0020	0.9980	95.51
16.5	247,845,714	503,693	0.0020	0.9980	95.32
17.5	250,879,248	686,059	0.0027	0.9973	95.12
18.5	245,495,045	491,062	0.0020	0.9980	94.86
19.5	249,870,077	595,921	0.0024	0.9976	94.67
20.5	246,173,896	580,547	0.0024	0.9976	94.45
21.5	244,458,900	648,371	0.0027	0.9973	94.22
22.5	247,001,686	1,227,966	0.0050	0.9950	93.97
23.5	247,154,093	983,089	0.0040	0.9960	93.51
24.5	242,934,802	936,281	0.0039	0.9961	93.13
25.5	238,661,757	912,963	0.0038	0.9962	92.78
26.5	221,883,605	914,143	0.0041	0.9959	92.42
27.5	213,087,794	1,245,316	0.0058	0.9942	92.04
28.5	209,243,499	866,771	0.0041	0.9959	91.50
29.5	207,003,031	835,798	0.0040	0.9960	91.12
30.5	196,992,842	987,552	0.0050	0.9950	90.76
31.5	199,941,449	937,322	0.0047	0.9953	90.30
32.5	190,732,375	950,654	0.0050	0.9950	89.88
33.5	185,311,064	1,024,088	0.0055	0.9945	89.43
34.5	180,870,118	1,069,906	0.0059	0.9941	88.93
35.5	172,871,139	724,257	0.0042	0.9958	88.41
36.5	168,118,411	1,004,518	0.0060	0.9940	88.04
37.5	159,994,820	1,654,127	0.0103	0.9897	87.51
38.5	153,099,770	1,153,025	0.0075	0.9925	86.61

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	140,388,181	974,833	0.0069	0.9931	85.96
40.5	131,015,708	595,528	0.0045	0.9955	85.36
41.5	125,155,376	1,069,995	0.0085	0.9915	84.97
42.5	119,630,867	806,466	0.0067	0.9933	84.24
43.5	114,816,048	619,468	0.0054	0.9946	83.68
44.5	105,703,848	1,040,968	0.0098	0.9902	83.22
45.5	100,543,974	971,369	0.0097	0.9903	82.40
46.5	92,225,742	821,068	0.0089	0.9911	81.61
47.5	68,276,768	383,689	0.0056	0.9944	80.88
48.5	59,675,353	777,410	0.0130	0.9870	80.43
49.5	40,275,913	346,512	0.0086	0.9914	79.38
50.5	38,297,336	334,423	0.0087	0.9913	78.70
51.5	33,379,179	305,940	0.0092	0.9908	78.01
52.5	27,699,102	237,858	0.0086	0.9914	77.29
53.5	24,317,674	173,988	0.0072	0.9928	76.63
54.5	22,141,034	136,697	0.0062	0.9938	76.08
55.5	19,866,799	103,703	0.0052	0.9948	75.61
56.5	17,904,472	52,724	0.0029	0.9971	75.22
57.5	16,378,245	240,715	0.0147	0.9853	75.00
58.5	14,902,501	1,260,308	0.0846	0.9154	73.89
59.5	13,189,708	506,318	0.0384	0.9616	67.65
60.5	11,782,078	1,238,360	0.1051	0.8949	65.05
61.5	298,815	326	0.0011	0.9989	58.21
62.5	298,490	139	0.0005	0.9995	58.15
63.5	298,351	1,357	0.0045	0.9955	58.12
64.5	292,056	389	0.0013	0.9987	57.86
65.5	289,677		0.0000	1.0000	57.78
66.5	271,256	127,146	0.4687	0.5313	57.78
67.5	140,357	83,816	0.5972	0.4028	30.70
68.5	56,541	522	0.0092	0.9908	12.37
69.5	56,019	44	0.0008	0.9992	12.25
70.5	55,974		0.0000	1.0000	12.24
71.5	50,455		0.0000	1.0000	12.24
72.5	50,007	0	0.0000	1.0000	12.24
73.5	50,007	586	0.0117	0.9883	12.24
74.5	49,420	387	0.0078	0.9922	12.10
75.5	49,033		0.0000	1.0000	12.00
76.5	49,033		0.0000	1.0000	12.00
77.5	49,033	27,294	0.5566	0.4434	12.00
78.5	21,739	1,980	0.0911	0.9089	5.32

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

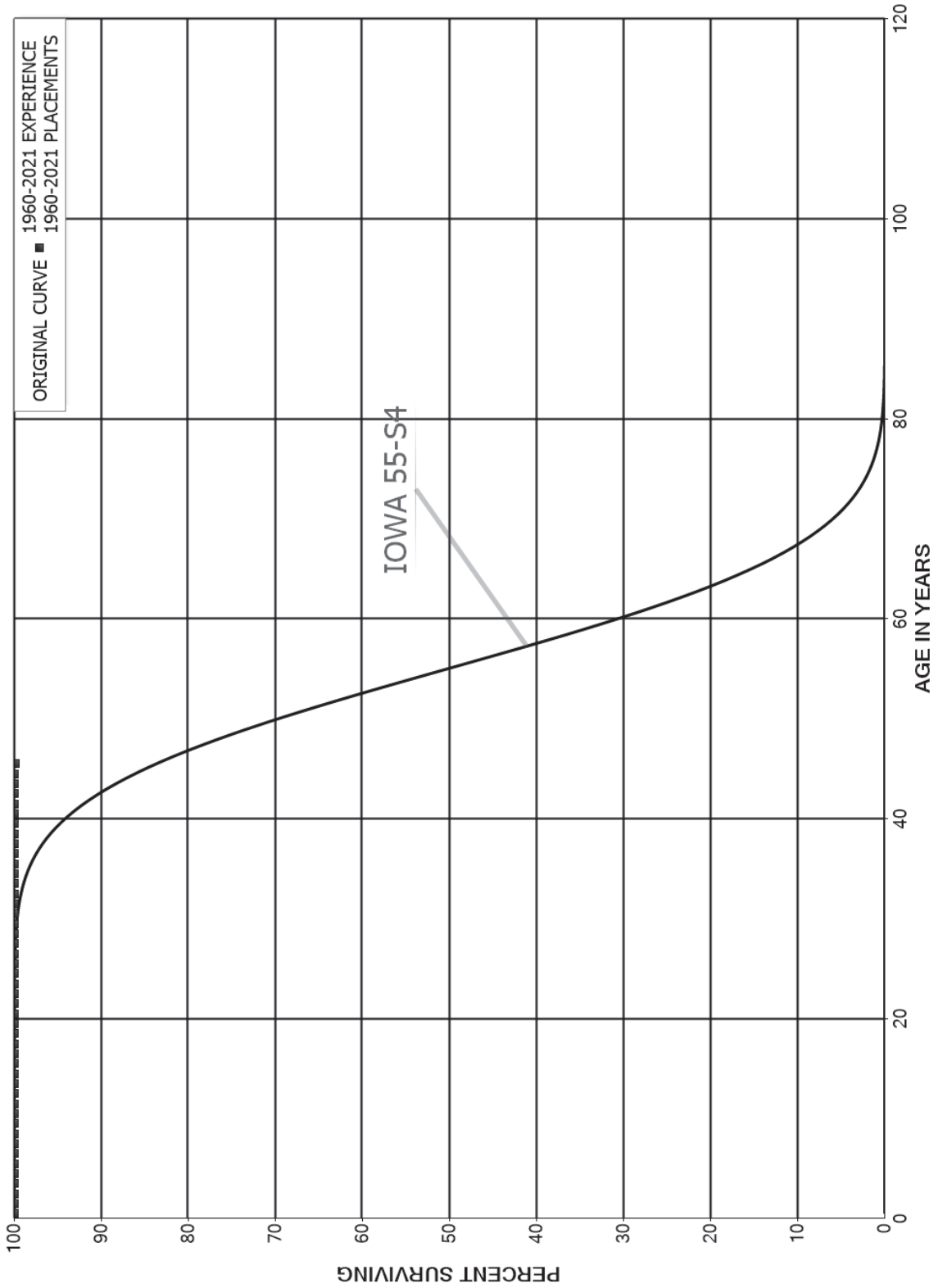
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	19,758	4,341	0.2197	0.7803	4.84
80.5	4,309		0.0000	1.0000	3.77
81.5	1,270		0.0000	1.0000	3.77
82.5	1,270	604	0.4756	0.5244	3.77
83.5	666		0.0000	1.0000	1.98
84.5	666		0.0000	1.0000	1.98
85.5	666	666	1.0000		1.98
86.5					
87.5					
88.5					
89.5					
90.5	454,967		0.0000		
91.5	454,967	206	0.0005		
92.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 357.00 UNDERGROUND CONDUIT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 357.00 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	154,739		0.0000	1.0000	100.00
0.5	154,677		0.0000	1.0000	100.00
1.5	141,003		0.0000	1.0000	100.00
2.5	137,304		0.0000	1.0000	100.00
3.5	137,141		0.0000	1.0000	100.00
4.5	127,430		0.0000	1.0000	100.00
5.5	114,623		0.0000	1.0000	100.00
6.5	111,453		0.0000	1.0000	100.00
7.5	111,453		0.0000	1.0000	100.00
8.5	111,387		0.0000	1.0000	100.00
9.5	111,185		0.0000	1.0000	100.00
10.5	110,392		0.0000	1.0000	100.00
11.5	110,392		0.0000	1.0000	100.00
12.5	105,047		0.0000	1.0000	100.00
13.5	105,047		0.0000	1.0000	100.00
14.5	105,047		0.0000	1.0000	100.00
15.5	105,047		0.0000	1.0000	100.00
16.5	105,047		0.0000	1.0000	100.00
17.5	105,047		0.0000	1.0000	100.00
18.5	105,047		0.0000	1.0000	100.00
19.5	105,047	93	0.0009	0.9991	100.00
20.5	104,954		0.0000	1.0000	99.91
21.5	104,954		0.0000	1.0000	99.91
22.5	104,954		0.0000	1.0000	99.91
23.5	104,954		0.0000	1.0000	99.91
24.5	104,954		0.0000	1.0000	99.91
25.5	104,954		0.0000	1.0000	99.91
26.5	104,954		0.0000	1.0000	99.91
27.5	104,954		0.0000	1.0000	99.91
28.5	104,954		0.0000	1.0000	99.91
29.5	104,954		0.0000	1.0000	99.91
30.5	104,954		0.0000	1.0000	99.91
31.5	104,954		0.0000	1.0000	99.91
32.5	104,954		0.0000	1.0000	99.91
33.5	104,954		0.0000	1.0000	99.91
34.5	53,974		0.0000	1.0000	99.91
35.5	53,974		0.0000	1.0000	99.91
36.5	53,974		0.0000	1.0000	99.91
37.5	53,974		0.0000	1.0000	99.91
38.5	53,974		0.0000	1.0000	99.91

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 357.00 UNDERGROUND CONDUIT

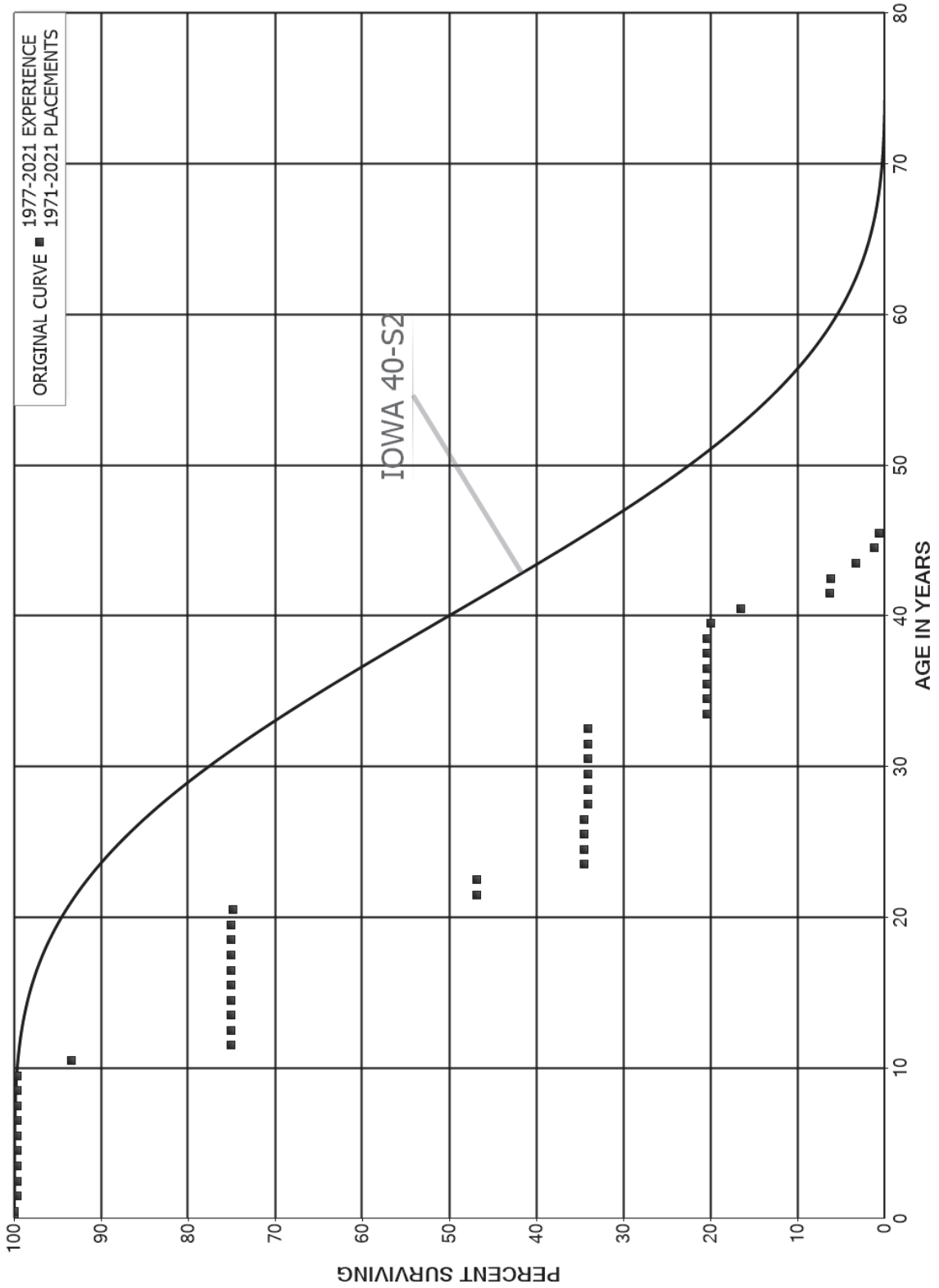
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	53,974		0.0000	1.0000	99.91
40.5	53,974		0.0000	1.0000	99.91
41.5	53,974		0.0000	1.0000	99.91
42.5	53,974		0.0000	1.0000	99.91
43.5	53,974		0.0000	1.0000	99.91
44.5	53,974	50	0.0009	0.9991	99.91
45.5	7,388		0.0000	1.0000	99.82
46.5	7,388		0.0000	1.0000	99.82
47.5	7,388		0.0000	1.0000	99.82
48.5	4,248	6	0.0014	0.9986	99.82
49.5	665		0.0000	1.0000	99.68
50.5	665		0.0000	1.0000	99.68
51.5	665		0.0000	1.0000	99.68
52.5	665		0.0000	1.0000	99.68
53.5	665		0.0000	1.0000	99.68
54.5	665		0.0000	1.0000	99.68
55.5	665		0.0000	1.0000	99.68
56.5	665		0.0000	1.0000	99.68
57.5	665		0.0000	1.0000	99.68
58.5	665		0.0000	1.0000	99.68
59.5	665		0.0000	1.0000	99.68
60.5	665		0.0000	1.0000	99.68
61.5					99.68

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 358.00 UNDERGROUND CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 358.00 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1971-2021 EXPERIENCE BAND 1977-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	16,014,227		0.0000	1.0000	100.00
0.5	14,825,009	52,792	0.0036	0.9964	100.00
1.5	7,798,024		0.0000	1.0000	99.64
2.5	6,045,827		0.0000	1.0000	99.64
3.5	6,061,335	18	0.0000	1.0000	99.64
4.5	6,098,735		0.0000	1.0000	99.64
5.5	4,700,146		0.0000	1.0000	99.64
6.5	4,700,146		0.0000	1.0000	99.64
7.5	4,700,146		0.0000	1.0000	99.64
8.5	4,700,146	21	0.0000	1.0000	99.64
9.5	4,700,125	292,442	0.0622	0.9378	99.64
10.5	4,407,683	868,871	0.1971	0.8029	93.44
11.5	3,174,907		0.0000	1.0000	75.02
12.5	3,174,907		0.0000	1.0000	75.02
13.5	3,174,907		0.0000	1.0000	75.02
14.5	3,174,907		0.0000	1.0000	75.02
15.5	3,174,907		0.0000	1.0000	75.02
16.5	3,174,907		0.0000	1.0000	75.02
17.5	3,174,907		0.0000	1.0000	75.02
18.5	3,174,907		0.0000	1.0000	75.02
19.5	3,174,907	7,246	0.0023	0.9977	75.02
20.5	3,167,662	1,186,079	0.3744	0.6256	74.85
21.5	1,981,582		0.0000	1.0000	46.82
22.5	1,936,415	511,606	0.2642	0.7358	46.82
23.5	1,424,809		0.0000	1.0000	34.45
24.5	1,424,809		0.0000	1.0000	34.45
25.5	1,424,809		0.0000	1.0000	34.45
26.5	1,424,809	15,930	0.0112	0.9888	34.45
27.5	1,408,879		0.0000	1.0000	34.07
28.5	1,408,879		0.0000	1.0000	34.07
29.5	1,408,879		0.0000	1.0000	34.07
30.5	1,408,879		0.0000	1.0000	34.07
31.5	1,408,879		0.0000	1.0000	34.07
32.5	1,408,879	567,660	0.4029	0.5971	34.07
33.5	841,219		0.0000	1.0000	20.34
34.5	841,219		0.0000	1.0000	20.34
35.5	841,219		0.0000	1.0000	20.34
36.5	841,219		0.0000	1.0000	20.34
37.5	841,219		0.0000	1.0000	20.34
38.5	841,219	14,103	0.0168	0.9832	20.34

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 358.00 UNDERGROUND CONDUCTORS AND DEVICES

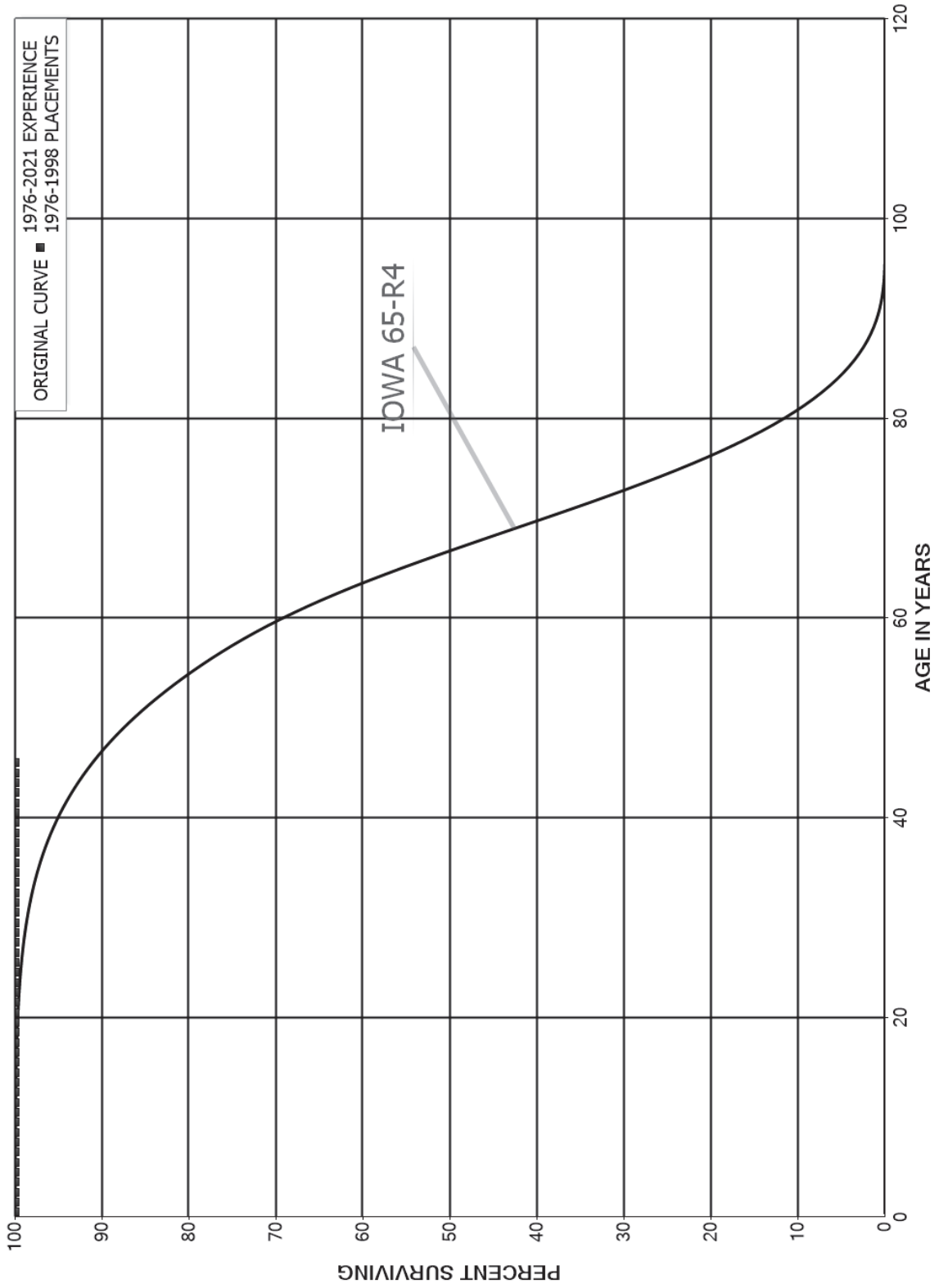
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1971-2021 EXPERIENCE BAND 1977-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	827,116	144,823	0.1751	0.8249	20.00
40.5	682,293	421,562	0.6179	0.3821	16.50
41.5	260,731	4,794	0.0184	0.9816	6.30
42.5	255,938	120,383	0.4704	0.5296	6.19
43.5	135,555	85,500	0.6307	0.3693	3.28
44.5	50,055	26,769	0.5348	0.4652	1.21
45.5	23,286	11,053	0.4747	0.5253	0.56
46.5	12,233	10,649	0.8705	0.1295	0.30
47.5	1,584	314	0.1984	0.8016	0.04
48.5	1,270		0.0000	1.0000	0.03
49.5	1,270	1,270	1.0000		0.03
50.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 359.00 ROADS AND TRAILS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 359.00 ROADS AND TRAILS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1976-1998 EXPERIENCE BAND 1976-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	42,238		0.0000	1.0000	100.00
0.5	42,238		0.0000	1.0000	100.00
1.5	42,238		0.0000	1.0000	100.00
2.5	42,238		0.0000	1.0000	100.00
3.5	42,238		0.0000	1.0000	100.00
4.5	42,238		0.0000	1.0000	100.00
5.5	42,238		0.0000	1.0000	100.00
6.5	42,238		0.0000	1.0000	100.00
7.5	42,238		0.0000	1.0000	100.00
8.5	42,238		0.0000	1.0000	100.00
9.5	42,238		0.0000	1.0000	100.00
10.5	42,238		0.0000	1.0000	100.00
11.5	42,238		0.0000	1.0000	100.00
12.5	42,238		0.0000	1.0000	100.00
13.5	42,238		0.0000	1.0000	100.00
14.5	42,238		0.0000	1.0000	100.00
15.5	42,238		0.0000	1.0000	100.00
16.5	42,238		0.0000	1.0000	100.00
17.5	42,238		0.0000	1.0000	100.00
18.5	42,238		0.0000	1.0000	100.00
19.5	42,238		0.0000	1.0000	100.00
20.5	42,238		0.0000	1.0000	100.00
21.5	42,238		0.0000	1.0000	100.00
22.5	42,238		0.0000	1.0000	100.00
23.5	41,544		0.0000	1.0000	100.00
24.5	41,544		0.0000	1.0000	100.00
25.5	41,544		0.0000	1.0000	100.00
26.5	41,544		0.0000	1.0000	100.00
27.5	41,544		0.0000	1.0000	100.00
28.5	2,044		0.0000	1.0000	100.00
29.5	2,044		0.0000	1.0000	100.00
30.5	2,044		0.0000	1.0000	100.00
31.5	2,044		0.0000	1.0000	100.00
32.5	2,044		0.0000	1.0000	100.00
33.5	2,044		0.0000	1.0000	100.00
34.5	2,044		0.0000	1.0000	100.00
35.5	2,044		0.0000	1.0000	100.00
36.5	2,044		0.0000	1.0000	100.00
37.5	2,044		0.0000	1.0000	100.00
38.5	2,044		0.0000	1.0000	100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 359.00 ROADS AND TRAILS

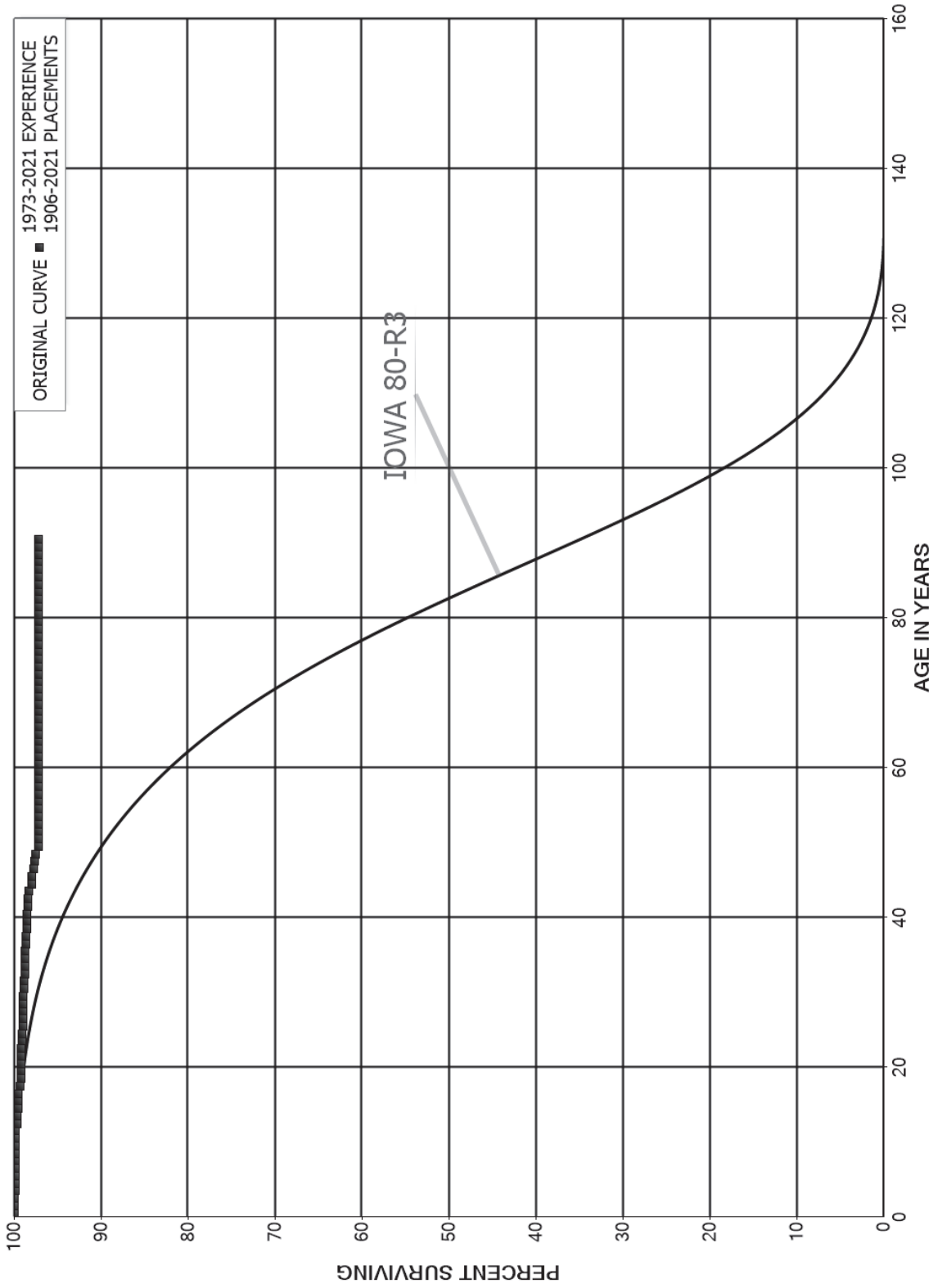
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1976-1998 EXPERIENCE BAND 1976-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	2,044		0.0000	1.0000	100.00
40.5	2,044		0.0000	1.0000	100.00
41.5	2,044		0.0000	1.0000	100.00
42.5	2,044		0.0000	1.0000	100.00
43.5	2,044		0.0000	1.0000	100.00
44.5	2,044		0.0000	1.0000	100.00
45.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNTS 360.00 AND 360.20 RIGHTS OF WAY AND LAND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 360.00 AND 360.20 RIGHTS OF WAY AND LAND RIGHTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1906-2021 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	4,858,194		0.0000	1.0000	100.00
0.5	4,825,099	67	0.0000	1.0000	100.00
1.5	4,672,589	555	0.0001	0.9999	100.00
2.5	4,679,863	6,723	0.0014	0.9986	99.99
3.5	4,733,600	332	0.0001	0.9999	99.84
4.5	6,285,713	131	0.0000	1.0000	99.84
5.5	6,305,066		0.0000	1.0000	99.83
6.5	6,539,443		0.0000	1.0000	99.83
7.5	7,916,906	100	0.0000	1.0000	99.83
8.5	7,895,950		0.0000	1.0000	99.83
9.5	6,500,035		0.0000	1.0000	99.83
10.5	6,230,025	49	0.0000	1.0000	99.83
11.5	6,174,908	14,102	0.0023	0.9977	99.83
12.5	4,138,772	1,466	0.0004	0.9996	99.60
13.5	3,479,668	335	0.0001	0.9999	99.57
14.5	3,315,467	3	0.0000	1.0000	99.56
15.5	2,446,844	418	0.0002	0.9998	99.56
16.5	2,123,567	6,184	0.0029	0.9971	99.54
17.5	1,862,692	689	0.0004	0.9996	99.25
18.5	1,827,460		0.0000	1.0000	99.22
19.5	1,567,120	274	0.0002	0.9998	99.22
20.5	1,543,384	203	0.0001	0.9999	99.20
21.5	1,589,339	708	0.0004	0.9996	99.19
22.5	1,616,300	1,999	0.0012	0.9988	99.14
23.5	1,708,695	105	0.0001	0.9999	99.02
24.5	1,752,807	562	0.0003	0.9997	99.01
25.5	1,752,303	415	0.0002	0.9998	98.98
26.5	1,817,880	70	0.0000	1.0000	98.96
27.5	1,749,037	916	0.0005	0.9995	98.95
28.5	1,793,150	197	0.0001	0.9999	98.90
29.5	1,810,348	1,746	0.0010	0.9990	98.89
30.5	1,785,751	190	0.0001	0.9999	98.80
31.5	1,499,749	352	0.0002	0.9998	98.78
32.5	1,503,543	704	0.0005	0.9995	98.76
33.5	1,377,574	34	0.0000	1.0000	98.72
34.5	1,337,086	177	0.0001	0.9999	98.71
35.5	1,235,143	502	0.0004	0.9996	98.70
36.5	1,116,307	1,116	0.0010	0.9990	98.66
37.5	1,011,219	735	0.0007	0.9993	98.56
38.5	901,382	175	0.0002	0.9998	98.49

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 360.00 AND 360.20 RIGHTS OF WAY AND LAND RIGHTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1906-2021 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	818,050	49	0.0001	0.9999	98.47
40.5	728,308	362	0.0005	0.9995	98.46
41.5	666,732	431	0.0006	0.9994	98.42
42.5	630,671	599	0.0009	0.9991	98.35
43.5	594,289	1,888	0.0032	0.9968	98.26
44.5	556,471	257	0.0005	0.9995	97.95
45.5	543,015	925	0.0017	0.9983	97.90
46.5	510,824	636	0.0012	0.9988	97.73
47.5	491,960	504	0.0010	0.9990	97.61
48.5	457,586	1,466	0.0032	0.9968	97.51
49.5	422,747		0.0000	1.0000	97.20
50.5	413,361		0.0000	1.0000	97.20
51.5	401,689		0.0000	1.0000	97.20
52.5	360,016		0.0000	1.0000	97.20
53.5	327,496		0.0000	1.0000	97.20
54.5	286,227		0.0000	1.0000	97.20
55.5	252,775	63	0.0002	0.9998	97.20
56.5	228,860		0.0000	1.0000	97.18
57.5	214,199	2	0.0000	1.0000	97.18
58.5	201,302		0.0000	1.0000	97.18
59.5	197,712		0.0000	1.0000	97.18
60.5	42,954		0.0000	1.0000	97.18
61.5	32,334		0.0000	1.0000	97.18
62.5	33,451		0.0000	1.0000	97.18
63.5	29,720		0.0000	1.0000	97.18
64.5	29,055		0.0000	1.0000	97.18
65.5	28,647		0.0000	1.0000	97.18
66.5	27,416		0.0000	1.0000	97.18
67.5	28,181		0.0000	1.0000	97.18
68.5	28,124		0.0000	1.0000	97.18
69.5	25,948		0.0000	1.0000	97.18
70.5	23,571		0.0000	1.0000	97.18
71.5	15,631		0.0000	1.0000	97.18
72.5	10,200		0.0000	1.0000	97.18
73.5	5,533		0.0000	1.0000	97.18
74.5	4,884		0.0000	1.0000	97.18
75.5	5,464		0.0000	1.0000	97.18
76.5	7,449		0.0000	1.0000	97.18
77.5	15,335		0.0000	1.0000	97.18
78.5	16,067		0.0000	1.0000	97.18

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 360.00 AND 360.20 RIGHTS OF WAY AND LAND RIGHTS

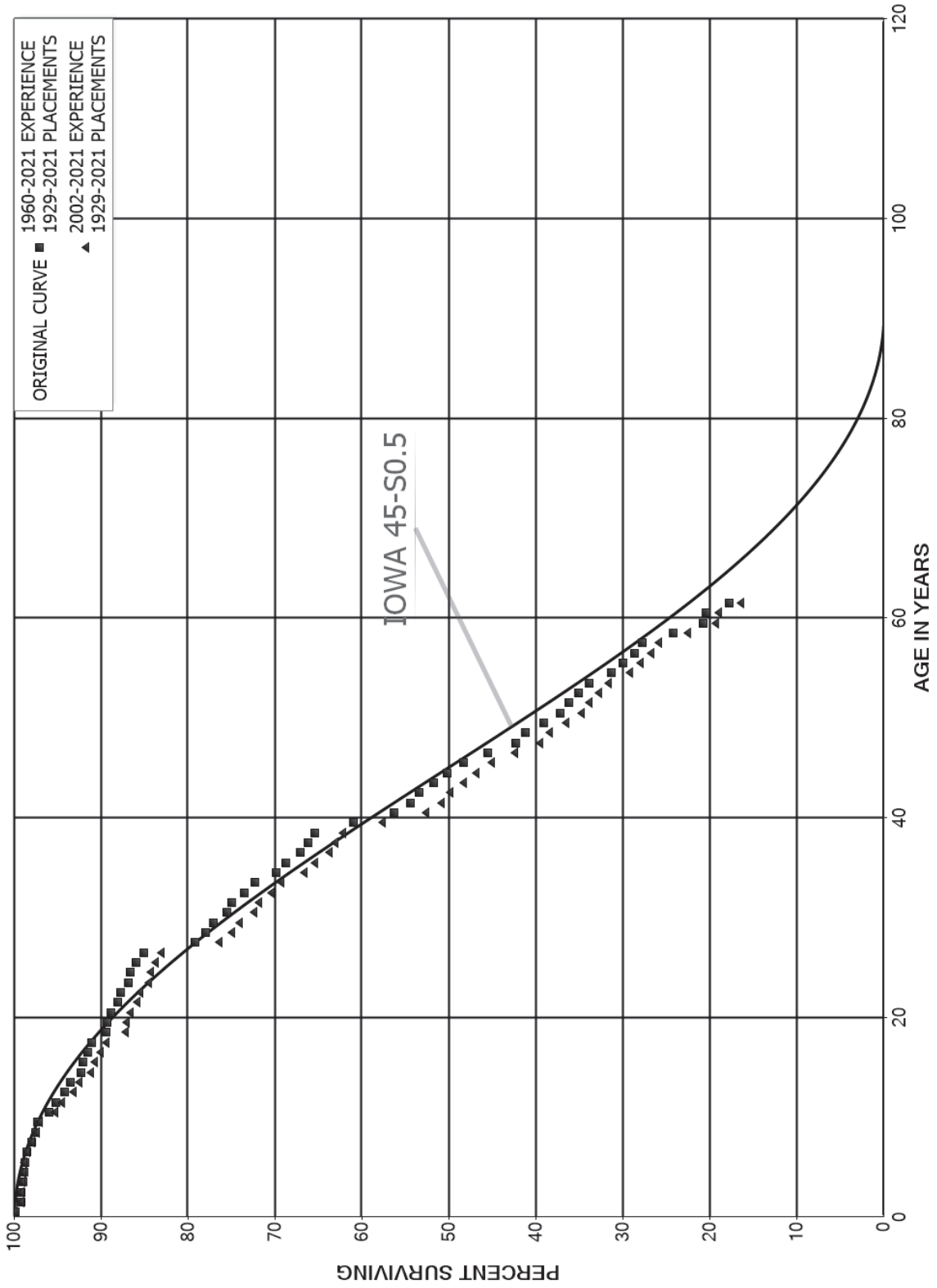
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1906-2021 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	33,232		0.0000	1.0000	97.18
80.5	32,873		0.0000	1.0000	97.18
81.5	32,873		0.0000	1.0000	97.18
82.5	32,985		0.0000	1.0000	97.18
83.5	32,958		0.0000	1.0000	97.18
84.5	32,958		0.0000	1.0000	97.18
85.5	32,958		0.0000	1.0000	97.18
86.5	30,457		0.0000	1.0000	97.18
87.5	29,877		0.0000	1.0000	97.18
88.5	27,892		0.0000	1.0000	97.18
89.5	20,006		0.0000	1.0000	97.18
90.5	19,274		0.0000	1.0000	97.18
91.5	9,172		0.0000	1.0000	97.18
92.5	8,262		0.0000	1.0000	97.18
93.5	8,262		0.0000	1.0000	97.18
94.5	8,150		0.0000	1.0000	97.18
95.5	8,150		0.0000	1.0000	97.18
96.5	8,150		0.0000	1.0000	97.18
97.5	8,150		0.0000	1.0000	97.18
98.5	8,150		0.0000	1.0000	97.18
99.5	8,150		0.0000	1.0000	97.18
100.5	8,150		0.0000	1.0000	97.18
101.5	8,150		0.0000	1.0000	97.18
102.5	8,150		0.0000	1.0000	97.18
103.5	8,150		0.0000	1.0000	97.18
104.5	8,150		0.0000	1.0000	97.18
105.5	8,150		0.0000	1.0000	97.18
106.5	8,150		0.0000	1.0000	97.18
107.5	8,150		0.0000	1.0000	97.18
108.5	8,150		0.0000	1.0000	97.18
109.5	8,150		0.0000	1.0000	97.18
110.5	8,150		0.0000	1.0000	97.18
111.5	8,150		0.0000	1.0000	97.18
112.5	8,150		0.0000	1.0000	97.18
113.5	8,150		0.0000	1.0000	97.18
114.5	8,150		0.0000	1.0000	97.18
115.5					97.18

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1929-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	198,617,367	244,760	0.0012	0.9988	100.00
0.5	190,821,652	1,387,475	0.0073	0.9927	99.88
1.5	149,614,264	39,618	0.0003	0.9997	99.15
2.5	117,264,860	167,726	0.0014	0.9986	99.12
3.5	107,677,627	159,118	0.0015	0.9985	98.98
4.5	97,115,605	90,226	0.0009	0.9991	98.84
5.5	88,655,972	256,853	0.0029	0.9971	98.74
6.5	78,794,417	404,036	0.0051	0.9949	98.46
7.5	69,900,517	312,406	0.0045	0.9955	97.95
8.5	56,982,055	156,805	0.0028	0.9972	97.52
9.5	48,326,682	663,383	0.0137	0.9863	97.25
10.5	42,999,134	313,817	0.0073	0.9927	95.91
11.5	39,849,708	414,779	0.0104	0.9896	95.21
12.5	38,676,365	282,513	0.0073	0.9927	94.22
13.5	33,894,703	437,714	0.0129	0.9871	93.53
14.5	29,610,579	93,774	0.0032	0.9968	92.33
15.5	25,818,703	148,272	0.0057	0.9943	92.03
16.5	22,264,725	119,167	0.0054	0.9946	91.50
17.5	20,979,044	371,992	0.0177	0.9823	91.01
18.5	19,819,051	34,090	0.0017	0.9983	89.40
19.5	18,036,040	77,183	0.0043	0.9957	89.25
20.5	17,914,972	152,472	0.0085	0.9915	88.87
21.5	17,537,685	70,467	0.0040	0.9960	88.11
22.5	17,320,706	177,397	0.0102	0.9898	87.75
23.5	16,642,323	49,525	0.0030	0.9970	86.86
24.5	16,398,968	132,024	0.0081	0.9919	86.60
25.5	15,852,940	146,702	0.0093	0.9907	85.90
26.5	15,540,405	1,080,228	0.0695	0.9305	85.11
27.5	14,191,421	232,468	0.0164	0.9836	79.19
28.5	13,464,556	143,179	0.0106	0.9894	77.89
29.5	12,345,255	254,616	0.0206	0.9794	77.06
30.5	11,588,473	89,175	0.0077	0.9923	75.47
31.5	10,540,139	192,195	0.0182	0.9818	74.89
32.5	9,102,823	152,946	0.0168	0.9832	73.53
33.5	8,086,289	270,409	0.0334	0.9666	72.29
34.5	7,613,420	130,079	0.0171	0.9829	69.88
35.5	7,237,465	174,861	0.0242	0.9758	68.68
36.5	6,538,965	79,929	0.0122	0.9878	67.02
37.5	6,095,205	75,539	0.0124	0.9876	66.20
38.5	5,534,931	370,995	0.0670	0.9330	65.38

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1929-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	4,880,734	375,726	0.0770	0.9230	61.00
40.5	4,161,018	139,072	0.0334	0.9666	56.30
41.5	3,604,729	65,202	0.0181	0.9819	54.42
42.5	3,424,367	110,742	0.0323	0.9677	53.44
43.5	3,090,031	94,896	0.0307	0.9693	51.71
44.5	2,947,621	108,480	0.0368	0.9632	50.12
45.5	2,360,847	138,058	0.0585	0.9415	48.28
46.5	2,086,878	143,371	0.0687	0.9313	45.45
47.5	1,748,171	48,368	0.0277	0.9723	42.33
48.5	1,665,420	82,888	0.0498	0.9502	41.16
49.5	1,455,430	72,913	0.0501	0.9499	39.11
50.5	1,263,082	31,849	0.0252	0.9748	37.15
51.5	1,122,842	35,705	0.0318	0.9682	36.22
52.5	952,232	32,833	0.0345	0.9655	35.06
53.5	833,243	64,559	0.0775	0.9225	33.85
54.5	697,423	27,818	0.0399	0.9601	31.23
55.5	583,038	25,818	0.0443	0.9557	29.99
56.5	516,211	16,566	0.0321	0.9679	28.66
57.5	464,912	59,520	0.1280	0.8720	27.74
58.5	361,063	51,038	0.1414	0.8586	24.19
59.5	266,555	5,095	0.0191	0.9809	20.77
60.5	261,414	34,403	0.1316	0.8684	20.37
61.5	6,227		0.0000	1.0000	17.69
62.5	6,227		0.0000	1.0000	17.69
63.5	6,227		0.0000	1.0000	17.69
64.5	6,227		0.0000	1.0000	17.69
65.5	6,227		0.0000	1.0000	17.69
66.5	6,227		0.0000	1.0000	17.69
67.5	6,227		0.0000	1.0000	17.69
68.5	6,227	272	0.0436	0.9564	17.69
69.5	5,955		0.0000	1.0000	16.92
70.5	5,955		0.0000	1.0000	16.92
71.5	5,634		0.0000	1.0000	16.92
72.5	5,634		0.0000	1.0000	16.92
73.5	5,634		0.0000	1.0000	16.92
74.5	5,634		0.0000	1.0000	16.92
75.5	5,634		0.0000	1.0000	16.92
76.5	5,634		0.0000	1.0000	16.92
77.5	5,634		0.0000	1.0000	16.92
78.5	5,634		0.0000	1.0000	16.92

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1929-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	5,634		0.0000	1.0000	16.92
80.5	5,634		0.0000	1.0000	16.92
81.5	5,634		0.0000	1.0000	16.92
82.5	5,634		0.0000	1.0000	16.92
83.5	5,634		0.0000	1.0000	16.92
84.5	5,634		0.0000	1.0000	16.92
85.5	5,634		0.0000	1.0000	16.92
86.5	5,634		0.0000	1.0000	16.92
87.5	5,634		0.0000	1.0000	16.92
88.5	5,634		0.0000	1.0000	16.92
89.5	5,634	2,817	0.5000	0.5000	16.92
90.5					8.46

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1929-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	181,308,923	240,946	0.0013	0.9987	100.00
0.5	173,631,368	1,360,619	0.0078	0.9922	99.87
1.5	132,696,457	3,858	0.0000	1.0000	99.08
2.5	100,589,107	147,593	0.0015	0.9985	99.08
3.5	91,414,108	117,138	0.0013	0.9987	98.94
4.5	81,400,075	59,022	0.0007	0.9993	98.81
5.5	73,409,922	252,908	0.0034	0.9966	98.74
6.5	63,772,490	363,411	0.0057	0.9943	98.40
7.5	56,023,712	312,013	0.0056	0.9944	97.84
8.5	43,850,291	134,371	0.0031	0.9969	97.29
9.5	36,102,761	663,383	0.0184	0.9816	96.99
10.5	31,234,985	281,189	0.0090	0.9910	95.21
11.5	29,470,929	404,153	0.0137	0.9863	94.35
12.5	29,652,479	222,694	0.0075	0.9925	93.06
13.5	25,884,898	371,299	0.0143	0.9857	92.36
14.5	21,852,742	89,059	0.0041	0.9959	91.04
15.5	18,686,666	137,887	0.0074	0.9926	90.67
16.5	15,752,308	117,638	0.0075	0.9925	90.00
17.5	14,867,177	369,267	0.0248	0.9752	89.32
18.5	14,253,454	18,611	0.0013	0.9987	87.11
19.5	12,830,906	70,239	0.0055	0.9945	86.99
20.5	13,393,928	117,961	0.0088	0.9912	86.52
21.5	13,499,231	64,720	0.0048	0.9952	85.75
22.5	13,803,484	158,451	0.0115	0.9885	85.34
23.5	13,380,638	33,079	0.0025	0.9975	84.36
24.5	13,220,169	87,760	0.0066	0.9934	84.15
25.5	13,214,414	98,035	0.0074	0.9926	83.60
26.5	13,213,147	1,070,158	0.0810	0.9190	82.98
27.5	12,122,653	218,237	0.0180	0.9820	76.26
28.5	11,527,515	134,620	0.0117	0.9883	74.88
29.5	10,632,295	247,951	0.0233	0.9767	74.01
30.5	10,043,651	80,161	0.0080	0.9920	72.28
31.5	8,976,495	178,307	0.0199	0.9801	71.71
32.5	7,694,964	120,975	0.0157	0.9843	70.28
33.5	6,892,820	268,440	0.0389	0.9611	69.18
34.5	6,583,643	123,665	0.0188	0.9812	66.48
35.5	6,354,006	161,294	0.0254	0.9746	65.23
36.5	5,777,749	56,197	0.0097	0.9903	63.58
37.5	5,414,922	72,649	0.0134	0.9866	62.96
38.5	4,958,633	370,995	0.0748	0.9252	62.11

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1929-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	4,394,753	375,726	0.0855	0.9145	57.47
40.5	3,713,885	131,553	0.0354	0.9646	52.55
41.5	3,598,502	65,202	0.0181	0.9819	50.69
42.5	3,418,140	110,742	0.0324	0.9676	49.77
43.5	3,083,804	94,896	0.0308	0.9692	48.16
44.5	2,941,394	108,480	0.0369	0.9631	46.68
45.5	2,354,620	138,058	0.0586	0.9414	44.96
46.5	2,080,651	143,371	0.0689	0.9311	42.32
47.5	1,741,944	48,368	0.0278	0.9722	39.41
48.5	1,659,193	82,888	0.0500	0.9500	38.31
49.5	1,449,203	72,913	0.0503	0.9497	36.40
50.5	1,256,855	31,849	0.0253	0.9747	34.57
51.5	1,117,208	35,705	0.0320	0.9680	33.69
52.5	946,598	32,833	0.0347	0.9653	32.61
53.5	827,609	64,559	0.0780	0.9220	31.48
54.5	691,789	27,818	0.0402	0.9598	29.03
55.5	577,404	25,818	0.0447	0.9553	27.86
56.5	510,577	16,566	0.0324	0.9676	26.61
57.5	459,278	59,520	0.1296	0.8704	25.75
58.5	355,429	51,038	0.1436	0.8564	22.41
59.5	260,921	5,095	0.0195	0.9805	19.19
60.5	255,780	34,403	0.1345	0.8655	18.82
61.5	593		0.0000	1.0000	16.29
62.5	593		0.0000	1.0000	16.29
63.5	593		0.0000	1.0000	16.29
64.5	593		0.0000	1.0000	16.29
65.5	593		0.0000	1.0000	16.29
66.5	593		0.0000	1.0000	16.29
67.5	593		0.0000	1.0000	16.29
68.5	593	272	0.4579	0.5421	16.29
69.5	321		0.0000	1.0000	8.83
70.5	321		0.0000	1.0000	8.83
71.5					8.83
72.5	5,634		0.0000		
73.5	5,634		0.0000		
74.5	5,634		0.0000		
75.5	5,634		0.0000		
76.5	5,634		0.0000		
77.5	5,634		0.0000		
78.5	5,634		0.0000		

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

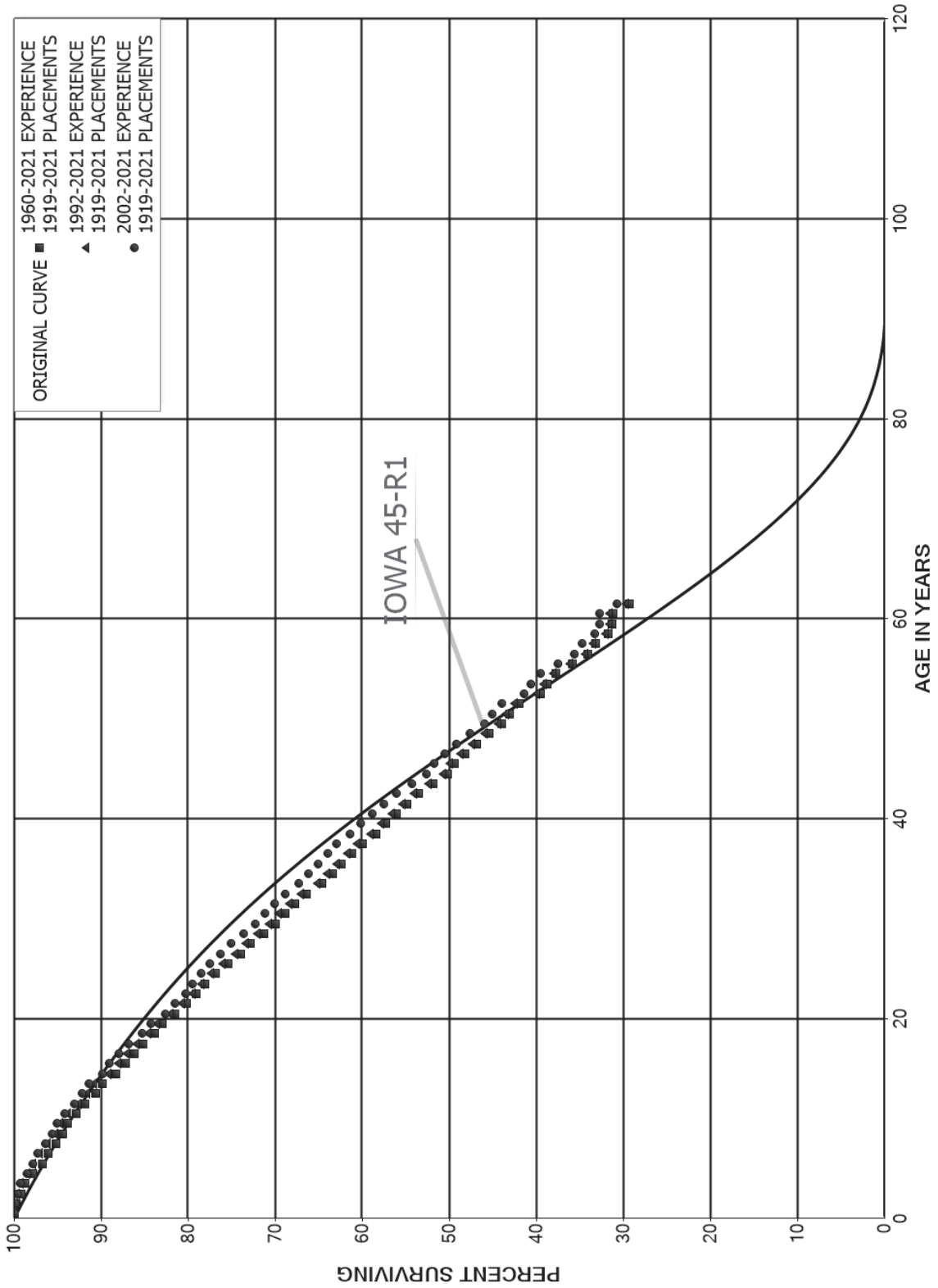
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1929-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	5,634		0.0000		
80.5	5,634		0.0000		
81.5	5,634		0.0000		
82.5	5,634		0.0000		
83.5	5,634		0.0000		
84.5	5,634		0.0000		
85.5	5,634		0.0000		
86.5	5,634		0.0000		
87.5	5,634		0.0000		
88.5	5,634		0.0000		
89.5	5,634	2,817	0.5000		
90.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 362.00 STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,925,505,051	901,020	0.0005	0.9995	100.00
0.5	1,769,251,353	4,911,531	0.0028	0.9972	99.95
1.5	1,607,817,834	7,278,549	0.0045	0.9955	99.68
2.5	1,474,783,793	7,914,963	0.0054	0.9946	99.22
3.5	1,377,042,516	11,787,856	0.0086	0.9914	98.69
4.5	1,293,670,080	14,134,626	0.0109	0.9891	97.85
5.5	1,210,775,439	9,044,669	0.0075	0.9925	96.78
6.5	1,142,293,835	9,955,968	0.0087	0.9913	96.06
7.5	1,090,482,573	9,063,312	0.0083	0.9917	95.22
8.5	1,038,133,336	7,045,771	0.0068	0.9932	94.43
9.5	986,600,994	9,564,931	0.0097	0.9903	93.79
10.5	935,211,203	10,635,757	0.0114	0.9886	92.88
11.5	891,790,428	11,232,368	0.0126	0.9874	91.82
12.5	835,990,377	7,694,661	0.0092	0.9908	90.66
13.5	763,708,071	12,985,833	0.0170	0.9830	89.83
14.5	710,847,791	8,825,415	0.0124	0.9876	88.30
15.5	644,165,733	7,290,567	0.0113	0.9887	87.21
16.5	593,052,428	6,865,542	0.0116	0.9884	86.22
17.5	558,660,889	8,725,243	0.0156	0.9844	85.22
18.5	524,374,215	6,063,526	0.0116	0.9884	83.89
19.5	476,392,353	8,359,316	0.0175	0.9825	82.92
20.5	440,821,127	6,985,904	0.0158	0.9842	81.46
21.5	412,598,625	5,892,918	0.0143	0.9857	80.17
22.5	398,640,150	4,904,830	0.0123	0.9877	79.03
23.5	388,245,127	6,338,543	0.0163	0.9837	78.06
24.5	374,127,613	6,597,229	0.0176	0.9824	76.78
25.5	358,699,612	6,873,744	0.0192	0.9808	75.43
26.5	346,194,993	5,594,536	0.0162	0.9838	73.98
27.5	333,782,483	6,895,261	0.0207	0.9793	72.79
28.5	317,782,939	5,732,669	0.0180	0.9820	71.28
29.5	299,145,425	4,882,074	0.0163	0.9837	70.00
30.5	280,128,608	4,663,446	0.0166	0.9834	68.85
31.5	254,923,687	5,027,233	0.0197	0.9803	67.71
32.5	231,719,675	6,315,021	0.0273	0.9727	66.37
33.5	213,894,036	3,704,659	0.0173	0.9827	64.56
34.5	201,311,872	3,482,430	0.0173	0.9827	63.45
35.5	189,700,531	3,705,037	0.0195	0.9805	62.35
36.5	176,478,894	3,329,922	0.0189	0.9811	61.13
37.5	171,893,082	4,468,666	0.0260	0.9740	59.98
38.5	163,614,487	3,281,789	0.0201	0.9799	58.42

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	156,529,422	3,236,015	0.0207	0.9793	57.25
40.5	152,671,696	3,379,908	0.0221	0.9779	56.06
41.5	146,898,143	3,465,136	0.0236	0.9764	54.82
42.5	141,985,396	4,555,522	0.0321	0.9679	53.53
43.5	137,170,695	4,411,557	0.0322	0.9678	51.81
44.5	132,039,205	2,034,243	0.0154	0.9846	50.14
45.5	123,880,709	3,041,620	0.0246	0.9754	49.37
46.5	110,093,522	2,962,423	0.0269	0.9731	48.16
47.5	94,207,518	2,909,844	0.0309	0.9691	46.86
48.5	84,879,495	2,840,143	0.0335	0.9665	45.42
49.5	72,443,093	1,446,057	0.0200	0.9800	43.90
50.5	63,780,954	1,528,101	0.0240	0.9760	43.02
51.5	54,468,374	3,175,964	0.0583	0.9417	41.99
52.5	42,237,003	826,322	0.0196	0.9804	39.54
53.5	34,458,444	973,990	0.0283	0.9717	38.77
54.5	27,704,378	1,389,375	0.0502	0.9498	37.67
55.5	22,745,104	1,117,116	0.0491	0.9509	35.78
56.5	17,066,090	432,609	0.0253	0.9747	34.03
57.5	14,801,877	639,109	0.0432	0.9568	33.16
58.5	13,326,422	209,313	0.0157	0.9843	31.73
59.5	11,791,562	6,313	0.0005	0.9995	31.23
60.5	10,225,079	618,228	0.0605	0.9395	31.22
61.5	148,024	385	0.0026	0.9974	29.33
62.5	143,410	52	0.0004	0.9996	29.25
63.5	127,339	56	0.0004	0.9996	29.24
64.5	89,694	89	0.0010	0.9990	29.23
65.5	84,659	16,266	0.1921	0.8079	29.20
66.5	63,137	1,171	0.0186	0.9814	23.59
67.5	53,870	1	0.0000	1.0000	23.15
68.5	59,223	33	0.0006	0.9994	23.15
69.5	53,833	68	0.0013	0.9987	23.14
70.5	53,764	65	0.0012	0.9988	23.11
71.5	50,996	2	0.0000	1.0000	23.08
72.5	45,465	9	0.0002	0.9998	23.08
73.5	40,305	26	0.0007	0.9993	23.08
74.5	40,131		0.0000	1.0000	23.06
75.5	39,483	47	0.0012	0.9988	23.06
76.5	37,500	282	0.0075	0.9925	23.03
77.5	37,218	19	0.0005	0.9995	22.86
78.5	33,873	6	0.0002	0.9998	22.85

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	14,606	3	0.0002	0.9998	22.84
80.5	13,355	4	0.0003	0.9997	22.84
81.5	12,943		0.0000	1.0000	22.83
82.5	12,729	2	0.0002	0.9998	22.83
83.5	12,481	1,323	0.1060	0.8940	22.83
84.5	11,158	19	0.0017	0.9983	20.41
85.5	11,014	78	0.0071	0.9929	20.37
86.5	10,325	34	0.0033	0.9967	20.23
87.5	9,222		0.0000	1.0000	20.16
88.5	8,482	19	0.0023	0.9977	20.16
89.5	6,640		0.0000	1.0000	20.12
90.5	6,640		0.0000	1.0000	20.12
91.5	5,652		0.0000	1.0000	20.12
92.5	5,652	119	0.0211	0.9789	20.12
93.5	5,533		0.0000	1.0000	19.69
94.5	5,533		0.0000	1.0000	19.69
95.5					19.69

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,536,632,744	624,711	0.0004	0.9996	100.00
0.5	1,396,835,825	1,968,857	0.0014	0.9986	99.96
1.5	1,267,969,130	3,162,227	0.0025	0.9975	99.82
2.5	1,163,479,184	4,565,640	0.0039	0.9961	99.57
3.5	1,088,478,203	8,084,619	0.0074	0.9926	99.18
4.5	1,019,755,905	7,973,552	0.0078	0.9922	98.44
5.5	959,281,062	6,727,586	0.0070	0.9930	97.67
6.5	909,352,320	8,428,038	0.0093	0.9907	96.99
7.5	868,636,108	7,950,339	0.0092	0.9908	96.09
8.5	826,797,205	5,065,656	0.0061	0.9939	95.21
9.5	786,816,668	7,241,901	0.0092	0.9908	94.63
10.5	746,256,046	9,752,536	0.0131	0.9869	93.75
11.5	710,665,424	7,619,391	0.0107	0.9893	92.53
12.5	665,525,562	5,702,222	0.0086	0.9914	91.54
13.5	598,674,736	10,908,365	0.0182	0.9818	90.75
14.5	551,119,715	6,873,022	0.0125	0.9875	89.10
15.5	495,386,572	5,937,157	0.0120	0.9880	87.99
16.5	461,817,948	5,565,023	0.0121	0.9879	86.93
17.5	444,313,174	7,285,188	0.0164	0.9836	85.89
18.5	421,914,646	4,815,694	0.0114	0.9886	84.48
19.5	392,242,836	7,184,683	0.0183	0.9817	83.51
20.5	367,383,498	6,101,428	0.0166	0.9834	81.98
21.5	348,882,542	5,209,216	0.0149	0.9851	80.62
22.5	347,978,306	4,250,292	0.0122	0.9878	79.42
23.5	346,688,548	5,266,418	0.0152	0.9848	78.45
24.5	340,111,004	5,933,353	0.0174	0.9826	77.26
25.5	328,641,309	6,078,196	0.0185	0.9815	75.91
26.5	321,883,374	5,300,935	0.0165	0.9835	74.51
27.5	311,300,474	5,819,085	0.0187	0.9813	73.28
28.5	298,345,848	5,300,184	0.0178	0.9822	71.91
29.5	282,297,144	4,652,231	0.0165	0.9835	70.63
30.5	265,833,506	4,511,783	0.0170	0.9830	69.47
31.5	254,775,462	5,027,233	0.0197	0.9803	68.29
32.5	231,575,720	6,315,021	0.0273	0.9727	66.94
33.5	213,766,260	3,704,659	0.0173	0.9827	65.12
34.5	201,222,070	3,482,430	0.0173	0.9827	63.99
35.5	189,615,727	3,705,037	0.0195	0.9805	62.88
36.5	176,394,774	3,329,922	0.0189	0.9811	61.65
37.5	171,817,147	4,468,666	0.0260	0.9740	60.49
38.5	163,538,854	3,281,789	0.0201	0.9799	58.91

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	156,463,836	3,236,015	0.0207	0.9793	57.73
40.5	152,606,110	3,379,908	0.0221	0.9779	56.54
41.5	146,835,293	3,465,136	0.0236	0.9764	55.29
42.5	141,929,253	4,555,522	0.0321	0.9679	53.98
43.5	137,119,768	4,411,557	0.0322	0.9678	52.25
44.5	131,988,428	2,034,243	0.0154	0.9846	50.57
45.5	123,830,589	3,041,620	0.0246	0.9754	49.79
46.5	110,045,364	2,962,423	0.0269	0.9731	48.56
47.5	94,154,504	2,909,844	0.0309	0.9691	47.26
48.5	84,829,854	2,840,143	0.0335	0.9665	45.80
49.5	72,429,258	1,446,057	0.0200	0.9800	44.26
50.5	63,773,241	1,528,101	0.0240	0.9760	43.38
51.5	54,461,076	3,175,964	0.0583	0.9417	42.34
52.5	42,229,922	826,322	0.0196	0.9804	39.87
53.5	34,451,613	973,990	0.0283	0.9717	39.09
54.5	27,697,547	1,389,375	0.0502	0.9498	37.99
55.5	22,738,400	1,117,116	0.0491	0.9509	36.08
56.5	17,060,008	432,609	0.0254	0.9746	34.31
57.5	14,796,883	639,109	0.0432	0.9568	33.44
58.5	13,322,181	209,313	0.0157	0.9843	31.99
59.5	11,789,243	6,313	0.0005	0.9995	31.49
60.5	10,222,760	618,228	0.0605	0.9395	31.47
61.5	146,712	385	0.0026	0.9974	29.57
62.5	143,410	52	0.0004	0.9996	29.49
63.5	127,339	56	0.0004	0.9996	29.48
64.5	89,694	89	0.0010	0.9990	29.47
65.5	84,659	16,266	0.1921	0.8079	29.44
66.5	63,137	1,171	0.0186	0.9814	23.78
67.5	53,870	1	0.0000	1.0000	23.34
68.5	59,223	33	0.0006	0.9994	23.34
69.5	53,833	68	0.0013	0.9987	23.33
70.5	53,764	65	0.0012	0.9988	23.30
71.5	50,996	2	0.0000	1.0000	23.27
72.5	45,465	9	0.0002	0.9998	23.27
73.5	40,305	26	0.0007	0.9993	23.27
74.5	40,131		0.0000	1.0000	23.25
75.5	39,483	47	0.0012	0.9988	23.25
76.5	37,500	282	0.0075	0.9925	23.22
77.5	37,218	19	0.0005	0.9995	23.05
78.5	33,873	6	0.0002	0.9998	23.04

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	14,606	3	0.0002	0.9998	23.03
80.5	13,355	4	0.0003	0.9997	23.03
81.5	12,943		0.0000	1.0000	23.02
82.5	12,729	2	0.0002	0.9998	23.02
83.5	12,481	1,323	0.1060	0.8940	23.02
84.5	11,158	19	0.0017	0.9983	20.58
85.5	11,014	78	0.0071	0.9929	20.54
86.5	10,325	34	0.0033	0.9967	20.40
87.5	9,222		0.0000	1.0000	20.33
88.5	8,482	19	0.0023	0.9977	20.33
89.5	6,640		0.0000	1.0000	20.28
90.5	6,640		0.0000	1.0000	20.28
91.5	5,652		0.0000	1.0000	20.28
92.5	5,652	119	0.0211	0.9789	20.28
93.5	5,533		0.0000	1.0000	19.86
94.5	5,533		0.0000	1.0000	19.86
95.5					19.86

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,367,853,925	554,855	0.0004	0.9996	100.00
0.5	1,254,277,887	1,510,777	0.0012	0.9988	99.96
1.5	1,134,856,345	2,735,992	0.0024	0.9976	99.84
2.5	1,018,977,650	3,696,102	0.0036	0.9964	99.60
3.5	938,151,006	6,844,339	0.0073	0.9927	99.24
4.5	867,772,128	5,636,211	0.0065	0.9935	98.51
5.5	802,820,260	5,130,076	0.0064	0.9936	97.87
6.5	744,206,034	6,399,360	0.0086	0.9914	97.25
7.5	705,989,823	5,726,284	0.0081	0.9919	96.41
8.5	668,667,528	4,241,164	0.0063	0.9937	95.63
9.5	636,944,067	5,933,079	0.0093	0.9907	95.02
10.5	605,725,273	6,646,026	0.0110	0.9890	94.14
11.5	592,237,614	5,864,605	0.0099	0.9901	93.11
12.5	560,787,674	4,535,727	0.0081	0.9919	92.18
13.5	505,422,257	8,731,821	0.0173	0.9827	91.44
14.5	463,596,549	4,241,016	0.0091	0.9909	89.86
15.5	412,275,238	4,943,036	0.0120	0.9880	89.04
16.5	376,318,398	4,672,983	0.0124	0.9876	87.97
17.5	351,498,066	6,352,404	0.0181	0.9819	86.88
18.5	326,152,746	3,693,567	0.0113	0.9887	85.31
19.5	289,840,568	6,094,001	0.0210	0.9790	84.34
20.5	267,480,176	3,600,249	0.0135	0.9865	82.57
21.5	247,280,989	3,695,773	0.0149	0.9851	81.46
22.5	242,913,710	2,143,264	0.0088	0.9912	80.24
23.5	238,175,031	2,905,675	0.0122	0.9878	79.53
24.5	232,696,561	3,089,362	0.0133	0.9867	78.56
25.5	230,122,724	3,795,246	0.0165	0.9835	77.52
26.5	236,711,177	3,700,364	0.0156	0.9844	76.24
27.5	239,343,530	4,482,379	0.0187	0.9813	75.05
28.5	232,959,862	4,149,950	0.0178	0.9822	73.64
29.5	230,156,740	3,703,836	0.0161	0.9839	72.33
30.5	219,862,864	3,509,687	0.0160	0.9840	71.17
31.5	201,842,007	3,586,441	0.0178	0.9822	70.03
32.5	188,988,099	4,056,113	0.0215	0.9785	68.78
33.5	180,380,303	2,964,326	0.0164	0.9836	67.31
34.5	174,083,824	2,935,114	0.0169	0.9831	66.20
35.5	165,217,796	2,751,985	0.0167	0.9833	65.09
36.5	156,869,802	2,630,892	0.0168	0.9832	64.00
37.5	155,414,110	3,762,357	0.0242	0.9758	62.93
38.5	150,189,728	3,141,394	0.0209	0.9791	61.41

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	144,912,907	3,173,474	0.0219	0.9781	60.12
40.5	142,629,339	3,233,995	0.0227	0.9773	58.80
41.5	146,749,918	3,465,136	0.0236	0.9764	57.47
42.5	141,841,441	4,555,522	0.0321	0.9679	56.11
43.5	137,042,919	4,411,557	0.0322	0.9678	54.31
44.5	131,949,403	2,034,243	0.0154	0.9846	52.56
45.5	123,795,905	3,041,620	0.0246	0.9754	51.75
46.5	110,014,030	2,962,423	0.0269	0.9731	50.48
47.5	94,131,355	2,909,844	0.0309	0.9691	49.12
48.5	84,803,634	2,840,143	0.0335	0.9665	47.60
49.5	72,372,651	1,446,057	0.0200	0.9800	46.01
50.5	63,710,512	1,528,101	0.0240	0.9760	45.09
51.5	54,400,668	3,171,108	0.0583	0.9417	44.01
52.5	42,180,860	826,322	0.0196	0.9804	41.44
53.5	34,407,517	973,990	0.0283	0.9717	40.63
54.5	27,653,601	1,389,375	0.0502	0.9498	39.48
55.5	22,694,984	1,117,116	0.0492	0.9508	37.50
56.5	17,017,932	432,609	0.0254	0.9746	35.65
57.5	14,753,719	639,109	0.0433	0.9567	34.75
58.5	13,281,637	209,313	0.0158	0.9842	33.24
59.5	11,782,583	6,313	0.0005	0.9995	32.72
60.5	10,217,366	618,228	0.0605	0.9395	32.70
61.5	140,726	385	0.0027	0.9973	30.72
62.5	136,329	52	0.0004	0.9996	30.64
63.5	120,508	56	0.0005	0.9995	30.62
64.5	82,863	89	0.0011	0.9989	30.61
65.5	77,955	16,266	0.2087	0.7913	30.58
66.5	57,055	1,171	0.0205	0.9795	24.20
67.5	48,875		0.0000	1.0000	23.70
68.5	49,330	33	0.0007	0.9993	23.70
69.5	45,862	68	0.0015	0.9985	23.68
70.5	45,793	65	0.0014	0.9986	23.65
71.5	44,032	2	0.0000	1.0000	23.62
72.5	39,813	9	0.0002	0.9998	23.61
73.5	34,653	26	0.0008	0.9992	23.61
74.5	34,479		0.0000	1.0000	23.59
75.5	39,483	47	0.0012	0.9988	23.59
76.5	37,500	282	0.0075	0.9925	23.56
77.5	37,218	19	0.0005	0.9995	23.39
78.5	33,873	6	0.0002	0.9998	23.37

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

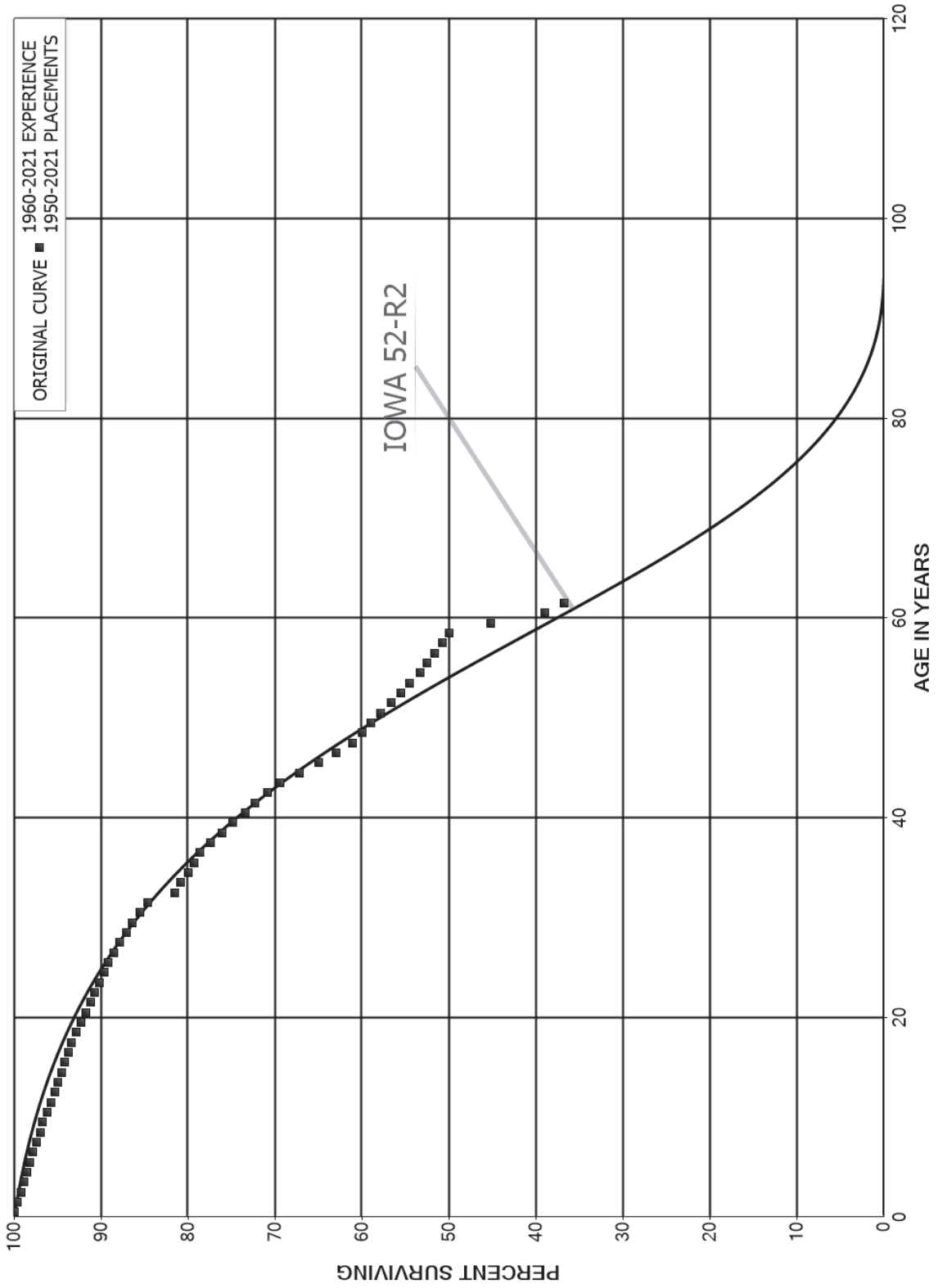
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	14,606	3	0.0002	0.9998	23.37
80.5	13,355	4	0.0003	0.9997	23.36
81.5	12,943		0.0000	1.0000	23.36
82.5	12,729	2	0.0002	0.9998	23.36
83.5	12,481	1,323	0.1060	0.8940	23.35
84.5	11,158	19	0.0017	0.9983	20.88
85.5	11,014	78	0.0071	0.9929	20.84
86.5	10,325	34	0.0033	0.9967	20.70
87.5	9,222		0.0000	1.0000	20.63
88.5	8,482	19	0.0023	0.9977	20.63
89.5	6,640		0.0000	1.0000	20.58
90.5	6,640		0.0000	1.0000	20.58
91.5	5,652		0.0000	1.0000	20.58
92.5	5,652	119	0.0211	0.9789	20.58
93.5	5,533		0.0000	1.0000	20.15
94.5	5,533		0.0000	1.0000	20.15
95.5					20.15

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNTS 364.00 AND 364.10 POLES, TOWERS AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 364.00 AND 364.10 POLES, TOWERS AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1950-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,070,341,535	1,218,042	0.0006	0.9994	100.00
0.5	1,762,724,257	6,447,495	0.0037	0.9963	99.94
1.5	1,762,294,035	6,739,108	0.0038	0.9962	99.58
2.5	1,745,434,468	6,048,188	0.0035	0.9965	99.19
3.5	1,698,996,547	5,147,486	0.0030	0.9970	98.85
4.5	1,603,309,088	6,351,695	0.0040	0.9960	98.55
5.5	1,541,448,715	5,813,690	0.0038	0.9962	98.16
6.5	1,480,283,926	6,270,034	0.0042	0.9958	97.79
7.5	1,399,587,543	5,285,653	0.0038	0.9962	97.38
8.5	1,360,687,327	4,546,771	0.0033	0.9967	97.01
9.5	1,329,140,795	7,025,726	0.0053	0.9947	96.68
10.5	1,275,347,105	6,007,313	0.0047	0.9953	96.17
11.5	1,245,279,146	5,469,128	0.0044	0.9956	95.72
12.5	1,205,414,411	4,889,875	0.0041	0.9959	95.30
13.5	1,158,096,295	5,330,683	0.0046	0.9954	94.91
14.5	1,111,862,905	3,945,247	0.0035	0.9965	94.48
15.5	1,065,443,644	4,544,186	0.0043	0.9957	94.14
16.5	1,016,666,892	4,319,180	0.0042	0.9958	93.74
17.5	973,181,990	4,953,306	0.0051	0.9949	93.34
18.5	943,879,132	6,107,802	0.0065	0.9935	92.87
19.5	915,601,856	5,624,197	0.0061	0.9939	92.27
20.5	881,272,155	5,106,218	0.0058	0.9942	91.70
21.5	816,601,643	4,223,240	0.0052	0.9948	91.17
22.5	793,317,963	4,350,104	0.0055	0.9945	90.70
23.5	770,904,867	4,589,962	0.0060	0.9940	90.20
24.5	747,819,627	4,341,847	0.0058	0.9942	89.66
25.5	722,570,717	4,752,620	0.0066	0.9934	89.14
26.5	697,096,549	5,845,667	0.0084	0.9916	88.56
27.5	669,462,085	5,376,959	0.0080	0.9920	87.81
28.5	625,515,680	4,798,183	0.0077	0.9923	87.11
29.5	583,376,876	6,079,454	0.0104	0.9896	86.44
30.5	529,665,562	5,637,838	0.0106	0.9894	85.54
31.5	453,009,729	16,491,460	0.0364	0.9636	84.63
32.5	389,587,841	3,649,590	0.0094	0.9906	81.55
33.5	341,596,625	3,327,276	0.0097	0.9903	80.78
34.5	303,463,641	2,552,785	0.0084	0.9916	80.00
35.5	268,769,218	2,564,030	0.0095	0.9905	79.32
36.5	240,249,563	3,441,101	0.0143	0.9857	78.57
37.5	211,105,509	3,810,493	0.0181	0.9819	77.44
38.5	184,873,509	3,034,229	0.0164	0.9836	76.04

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 364.00 AND 364.10 POLES, TOWERS AND FIXTURES

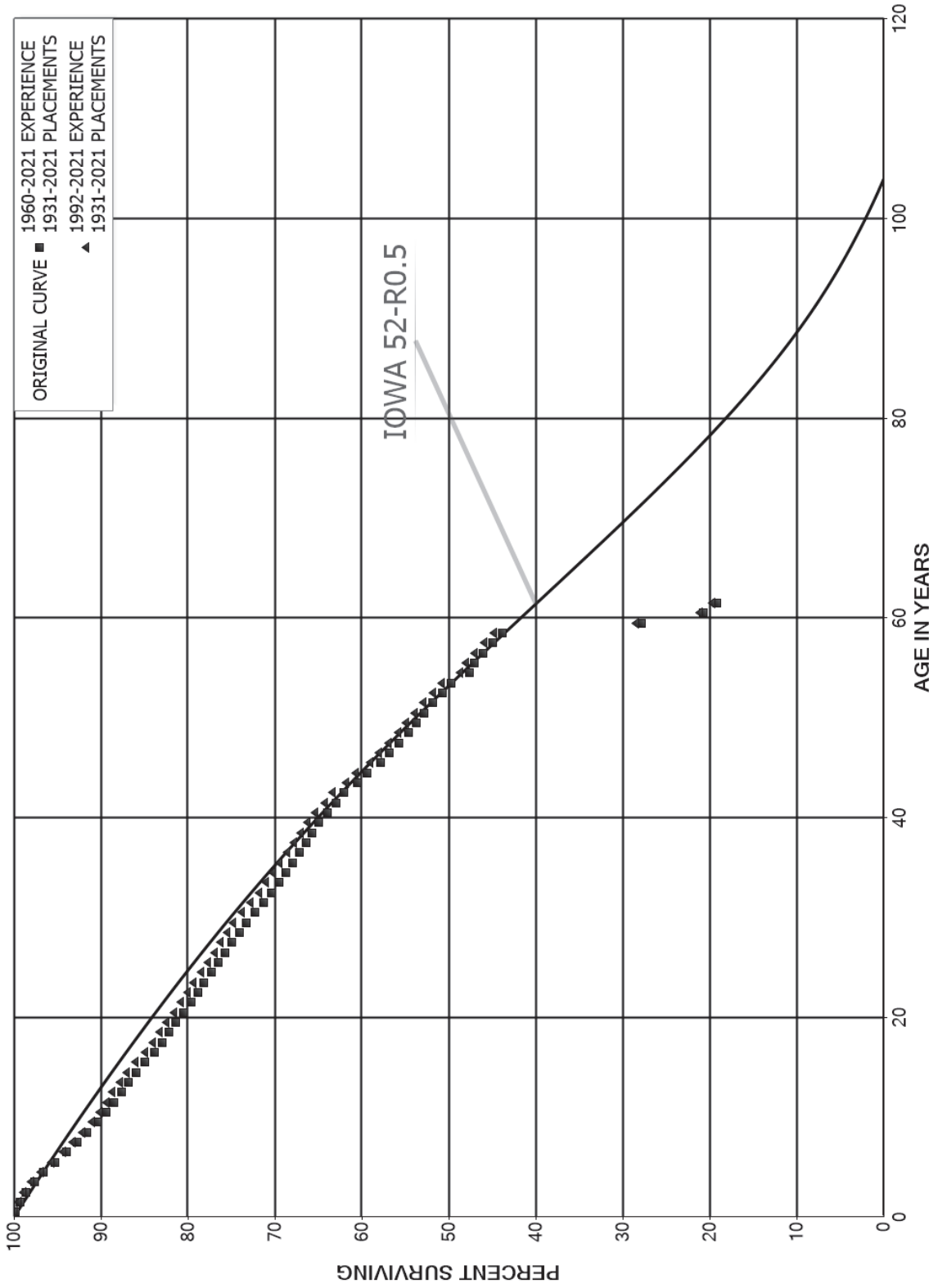
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1950-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	163,292,251	3,048,525	0.0187	0.9813	74.80
40.5	144,042,715	2,277,795	0.0158	0.9842	73.40
41.5	128,202,807	2,519,075	0.0196	0.9804	72.24
42.5	111,632,659	2,236,446	0.0200	0.9800	70.82
43.5	99,641,905	3,250,978	0.0326	0.9674	69.40
44.5	85,278,374	2,700,672	0.0317	0.9683	67.14
45.5	74,329,559	2,386,376	0.0321	0.9679	65.01
46.5	67,365,066	1,932,191	0.0287	0.9713	62.92
47.5	54,222,521	996,815	0.0184	0.9816	61.12
48.5	45,405,998	786,127	0.0173	0.9827	59.99
49.5	37,556,068	745,715	0.0199	0.9801	58.96
50.5	29,833,126	596,613	0.0200	0.9800	57.78
51.5	26,102,333	527,403	0.0202	0.9798	56.63
52.5	21,199,896	389,184	0.0184	0.9816	55.48
53.5	19,125,891	401,362	0.0210	0.9790	54.47
54.5	15,666,973	238,972	0.0153	0.9847	53.32
55.5	12,647,674	214,511	0.0170	0.9830	52.51
56.5	10,996,712	180,871	0.0164	0.9836	51.62
57.5	8,450,207	126,964	0.0150	0.9850	50.77
58.5	6,486,549	620,362	0.0956	0.9044	50.01
59.5	4,853,985	670,446	0.1381	0.8619	45.22
60.5	3,659,909	210,360	0.0575	0.9425	38.98
61.5					36.74

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNTS 365.00 AND 365.10 OVERHEAD CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 365.00 AND 365.10 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1931-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	3,173,419,902	3,739,854	0.0012	0.9988	100.00
0.5	2,685,584,793	15,613,099	0.0058	0.9942	99.88
1.5	2,618,983,918	18,491,025	0.0071	0.9929	99.30
2.5	2,563,367,805	24,278,712	0.0095	0.9905	98.60
3.5	2,498,748,120	27,940,265	0.0112	0.9888	97.67
4.5	2,324,955,104	29,862,254	0.0128	0.9872	96.57
5.5	2,198,148,532	32,374,274	0.0147	0.9853	95.33
6.5	2,062,556,733	26,733,172	0.0130	0.9870	93.93
7.5	1,953,495,069	24,186,915	0.0124	0.9876	92.71
8.5	1,833,890,866	22,373,190	0.0122	0.9878	91.56
9.5	1,739,309,088	20,873,583	0.0120	0.9880	90.45
10.5	1,641,511,966	15,828,765	0.0096	0.9904	89.36
11.5	1,596,923,076	15,245,411	0.0095	0.9905	88.50
12.5	1,525,510,410	14,755,731	0.0097	0.9903	87.66
13.5	1,442,600,847	14,377,347	0.0100	0.9900	86.81
14.5	1,362,541,117	14,998,076	0.0110	0.9890	85.94
15.5	1,279,246,187	17,278,588	0.0135	0.9865	85.00
16.5	1,185,114,736	12,068,186	0.0102	0.9898	83.85
17.5	1,106,656,364	10,197,354	0.0092	0.9908	82.99
18.5	1,040,378,806	10,776,629	0.0104	0.9896	82.23
19.5	956,119,704	10,590,390	0.0111	0.9889	81.38
20.5	855,055,748	9,005,679	0.0105	0.9895	80.48
21.5	760,626,663	7,326,862	0.0096	0.9904	79.63
22.5	700,790,226	6,376,729	0.0091	0.9909	78.86
23.5	642,632,831	7,238,517	0.0113	0.9887	78.14
24.5	578,676,210	5,467,481	0.0094	0.9906	77.26
25.5	526,579,873	5,868,001	0.0111	0.9889	76.53
26.5	484,160,003	4,966,515	0.0103	0.9897	75.68
27.5	448,975,777	4,849,482	0.0108	0.9892	74.90
28.5	421,402,165	4,471,289	0.0106	0.9894	74.10
29.5	393,041,417	5,536,982	0.0141	0.9859	73.31
30.5	356,345,367	4,843,688	0.0136	0.9864	72.28
31.5	304,072,454	4,013,918	0.0132	0.9868	71.29
32.5	270,221,653	3,298,500	0.0122	0.9878	70.35
33.5	238,729,777	2,543,259	0.0107	0.9893	69.49
34.5	217,519,042	2,375,032	0.0109	0.9891	68.75
35.5	197,467,651	2,454,014	0.0124	0.9876	68.00
36.5	180,649,357	2,046,747	0.0113	0.9887	67.16
37.5	163,404,880	1,756,603	0.0108	0.9892	66.40
38.5	147,825,489	1,733,667	0.0117	0.9883	65.68

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 365.00 AND 365.10 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1931-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	134,435,181	1,871,701	0.0139	0.9861	64.91
40.5	122,401,621	2,042,852	0.0167	0.9833	64.01
41.5	114,450,423	1,568,790	0.0137	0.9863	62.94
42.5	103,329,080	2,581,394	0.0250	0.9750	62.08
43.5	95,009,493	1,725,838	0.0182	0.9818	60.53
44.5	85,976,090	2,312,872	0.0269	0.9731	59.43
45.5	78,653,919	1,375,038	0.0175	0.9825	57.83
46.5	74,593,236	1,439,974	0.0193	0.9807	56.82
47.5	63,123,292	1,230,867	0.0195	0.9805	55.72
48.5	54,285,359	855,107	0.0158	0.9842	54.64
49.5	48,424,465	873,128	0.0180	0.9820	53.77
50.5	41,520,805	754,396	0.0182	0.9818	52.81
51.5	37,980,956	819,221	0.0216	0.9784	51.85
52.5	33,198,949	646,772	0.0195	0.9805	50.73
53.5	30,754,744	1,283,088	0.0417	0.9583	49.74
54.5	26,330,088	346,283	0.0132	0.9868	47.66
55.5	23,366,660	494,303	0.0212	0.9788	47.04
56.5	21,804,536	502,337	0.0230	0.9770	46.04
57.5	18,798,144	494,104	0.0263	0.9737	44.98
58.5	15,963,130	5,829,090	0.3652	0.6348	43.80
59.5	7,957,441	2,041,206	0.2565	0.7435	27.81
60.5	3,848,746	278,433	0.0723	0.9277	20.67
61.5					19.18

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 365.00 AND 365.10 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1931-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,602,476,257	3,576,467	0.0014	0.9986	100.00
0.5	2,152,937,161	9,333,295	0.0043	0.9957	99.86
1.5	2,155,839,604	13,352,216	0.0062	0.9938	99.43
2.5	2,146,650,675	19,161,441	0.0089	0.9911	98.81
3.5	2,126,686,766	23,779,883	0.0112	0.9888	97.93
4.5	1,983,474,617	24,679,013	0.0124	0.9876	96.84
5.5	1,887,476,317	26,772,221	0.0142	0.9858	95.63
6.5	1,781,045,280	20,847,955	0.0117	0.9883	94.28
7.5	1,700,072,129	20,096,734	0.0118	0.9882	93.17
8.5	1,603,028,149	18,993,825	0.0118	0.9882	92.07
9.5	1,527,473,786	15,755,887	0.0103	0.9897	90.98
10.5	1,449,150,892	11,601,369	0.0080	0.9920	90.04
11.5	1,421,541,553	11,583,651	0.0081	0.9919	89.32
12.5	1,366,853,329	12,624,014	0.0092	0.9908	88.59
13.5	1,294,852,876	12,448,180	0.0096	0.9904	87.77
14.5	1,227,116,252	13,411,412	0.0109	0.9891	86.93
15.5	1,152,949,777	15,765,311	0.0137	0.9863	85.98
16.5	1,066,226,982	10,664,919	0.0100	0.9900	84.80
17.5	1,002,615,553	8,903,684	0.0089	0.9911	83.96
18.5	947,438,287	9,442,456	0.0100	0.9900	83.21
19.5	872,086,372	9,124,348	0.0105	0.9895	82.38
20.5	782,600,251	7,856,603	0.0100	0.9900	81.52
21.5	695,223,012	6,308,880	0.0091	0.9909	80.70
22.5	642,083,128	5,625,156	0.0088	0.9912	79.97
23.5	587,857,741	6,475,031	0.0110	0.9890	79.27
24.5	529,641,109	5,171,948	0.0098	0.9902	78.40
25.5	482,183,166	4,678,875	0.0097	0.9903	77.63
26.5	443,294,242	4,218,293	0.0095	0.9905	76.88
27.5	413,018,334	3,797,994	0.0092	0.9908	76.14
28.5	390,327,795	3,973,719	0.0102	0.9898	75.44
29.5	366,095,076	4,641,391	0.0127	0.9873	74.68
30.5	333,869,376	4,531,214	0.0136	0.9864	73.73
31.5	304,072,454	4,013,918	0.0132	0.9868	72.73
32.5	270,221,653	3,298,500	0.0122	0.9878	71.77
33.5	238,729,777	2,543,259	0.0107	0.9893	70.89
34.5	217,519,042	2,375,032	0.0109	0.9891	70.14
35.5	197,467,651	2,454,014	0.0124	0.9876	69.37
36.5	180,649,357	2,046,747	0.0113	0.9887	68.51
37.5	163,404,880	1,756,603	0.0108	0.9892	67.73
38.5	147,825,489	1,733,667	0.0117	0.9883	67.01

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 365.00 AND 365.10 OVERHEAD CONDUCTORS AND DEVICES

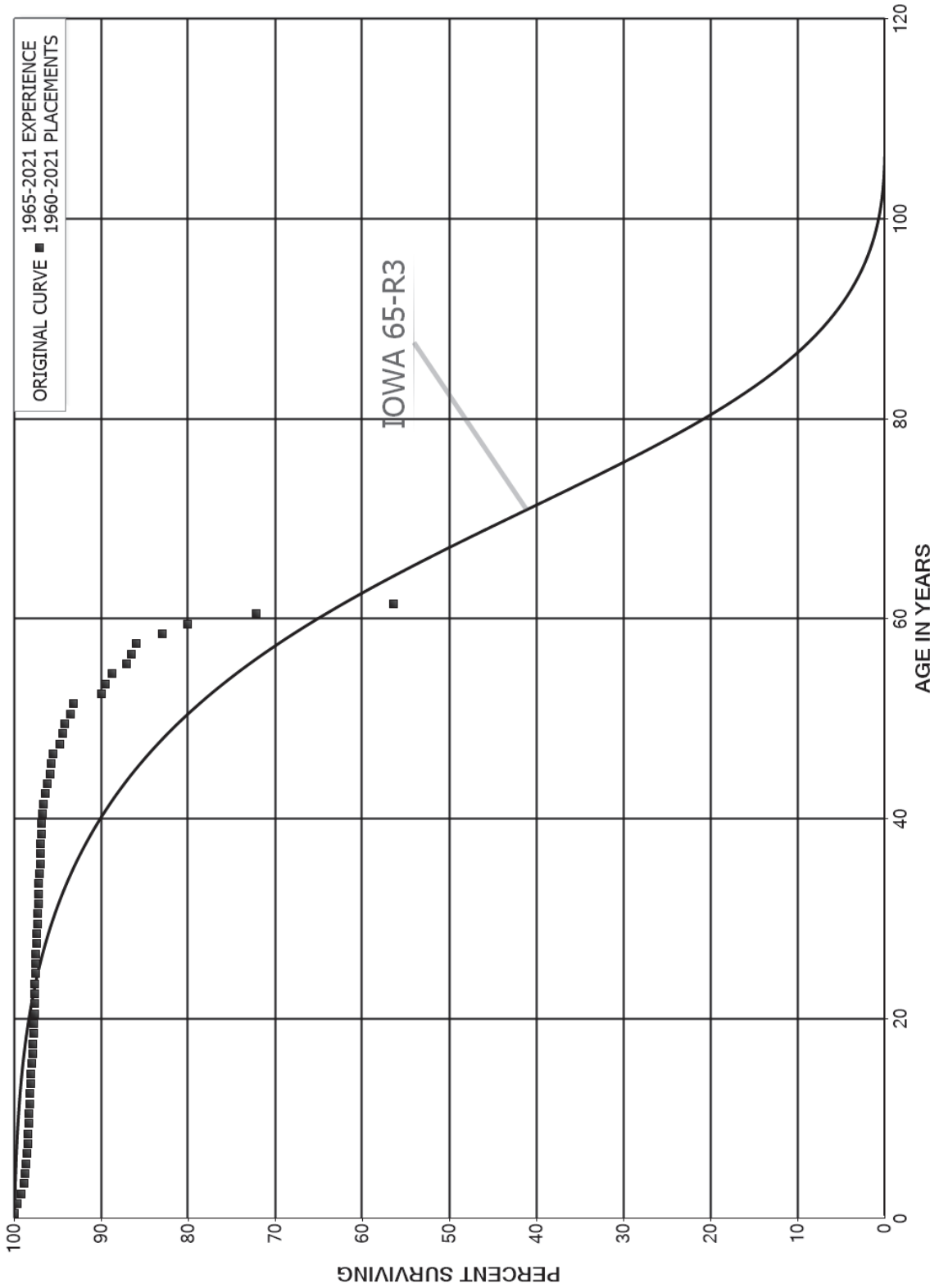
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1931-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	134,435,181	1,871,701	0.0139	0.9861	66.22
40.5	122,401,621	2,042,852	0.0167	0.9833	65.30
41.5	114,450,423	1,568,790	0.0137	0.9863	64.21
42.5	103,329,080	2,581,394	0.0250	0.9750	63.33
43.5	95,009,493	1,725,838	0.0182	0.9818	61.75
44.5	85,976,090	2,312,872	0.0269	0.9731	60.62
45.5	78,653,919	1,375,038	0.0175	0.9825	58.99
46.5	74,593,236	1,439,974	0.0193	0.9807	57.96
47.5	63,123,292	1,230,867	0.0195	0.9805	56.84
48.5	54,285,359	855,107	0.0158	0.9842	55.73
49.5	48,424,465	873,128	0.0180	0.9820	54.86
50.5	41,520,805	754,396	0.0182	0.9818	53.87
51.5	37,980,956	819,221	0.0216	0.9784	52.89
52.5	33,198,949	646,772	0.0195	0.9805	51.75
53.5	30,754,744	1,283,088	0.0417	0.9583	50.74
54.5	26,330,088	346,283	0.0132	0.9868	48.62
55.5	23,366,660	494,303	0.0212	0.9788	47.98
56.5	21,804,536	502,337	0.0230	0.9770	46.97
57.5	18,798,144	494,104	0.0263	0.9737	45.89
58.5	15,963,130	5,829,090	0.3652	0.6348	44.68
59.5	7,957,441	2,041,206	0.2565	0.7435	28.36
60.5	3,848,746	278,433	0.0723	0.9277	21.09
61.5					19.56

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 366.00 UNDERGROUND CONDUIT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 366.00 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1965-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	309,255,018	52,422	0.0002	0.9998	100.00
0.5	267,823,635	1,036,643	0.0039	0.9961	99.98
1.5	245,153,615	927,238	0.0038	0.9962	99.60
2.5	226,551,713	791,751	0.0035	0.9965	99.22
3.5	215,019,268	308,080	0.0014	0.9986	98.87
4.5	208,075,181	271,454	0.0013	0.9987	98.73
5.5	201,073,935	159,315	0.0008	0.9992	98.60
6.5	194,341,801	164,466	0.0008	0.9992	98.52
7.5	188,103,118	112,032	0.0006	0.9994	98.44
8.5	184,516,403	101,466	0.0005	0.9995	98.38
9.5	180,909,257	93,255	0.0005	0.9995	98.33
10.5	176,142,299	119,730	0.0007	0.9993	98.28
11.5	173,483,395	64,592	0.0004	0.9996	98.21
12.5	165,912,022	98,340	0.0006	0.9994	98.17
13.5	161,294,843	113,143	0.0007	0.9993	98.12
14.5	156,306,152	238,900	0.0015	0.9985	98.05
15.5	153,052,142	80,541	0.0005	0.9995	97.90
16.5	149,508,256	82,626	0.0006	0.9994	97.85
17.5	147,126,594	69,441	0.0005	0.9995	97.79
18.5	145,153,835	68,968	0.0005	0.9995	97.75
19.5	142,881,451	69,952	0.0005	0.9995	97.70
20.5	139,141,093	39,677	0.0003	0.9997	97.65
21.5	135,024,013	52,293	0.0004	0.9996	97.62
22.5	132,192,283	23,591	0.0002	0.9998	97.59
23.5	129,367,972	46,414	0.0004	0.9996	97.57
24.5	127,167,040	51,336	0.0004	0.9996	97.53
25.5	125,214,564	40,584	0.0003	0.9997	97.49
26.5	123,393,749	45,315	0.0004	0.9996	97.46
27.5	120,661,018	41,558	0.0003	0.9997	97.43
28.5	115,126,236	71,250	0.0006	0.9994	97.39
29.5	106,529,434	62,916	0.0006	0.9994	97.33
30.5	94,211,972	47,059	0.0005	0.9995	97.27
31.5	73,919,964	36,980	0.0005	0.9995	97.23
32.5	59,552,468	30,656	0.0005	0.9995	97.18
33.5	45,458,376	30,971	0.0007	0.9993	97.13
34.5	36,206,469	26,912	0.0007	0.9993	97.06
35.5	30,224,776	14,400	0.0005	0.9995	96.99
36.5	26,532,723	10,346	0.0004	0.9996	96.94
37.5	23,739,370	12,114	0.0005	0.9995	96.91
38.5	22,506,401	10,850	0.0005	0.9995	96.86

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 366.00 UNDERGROUND CONDUIT

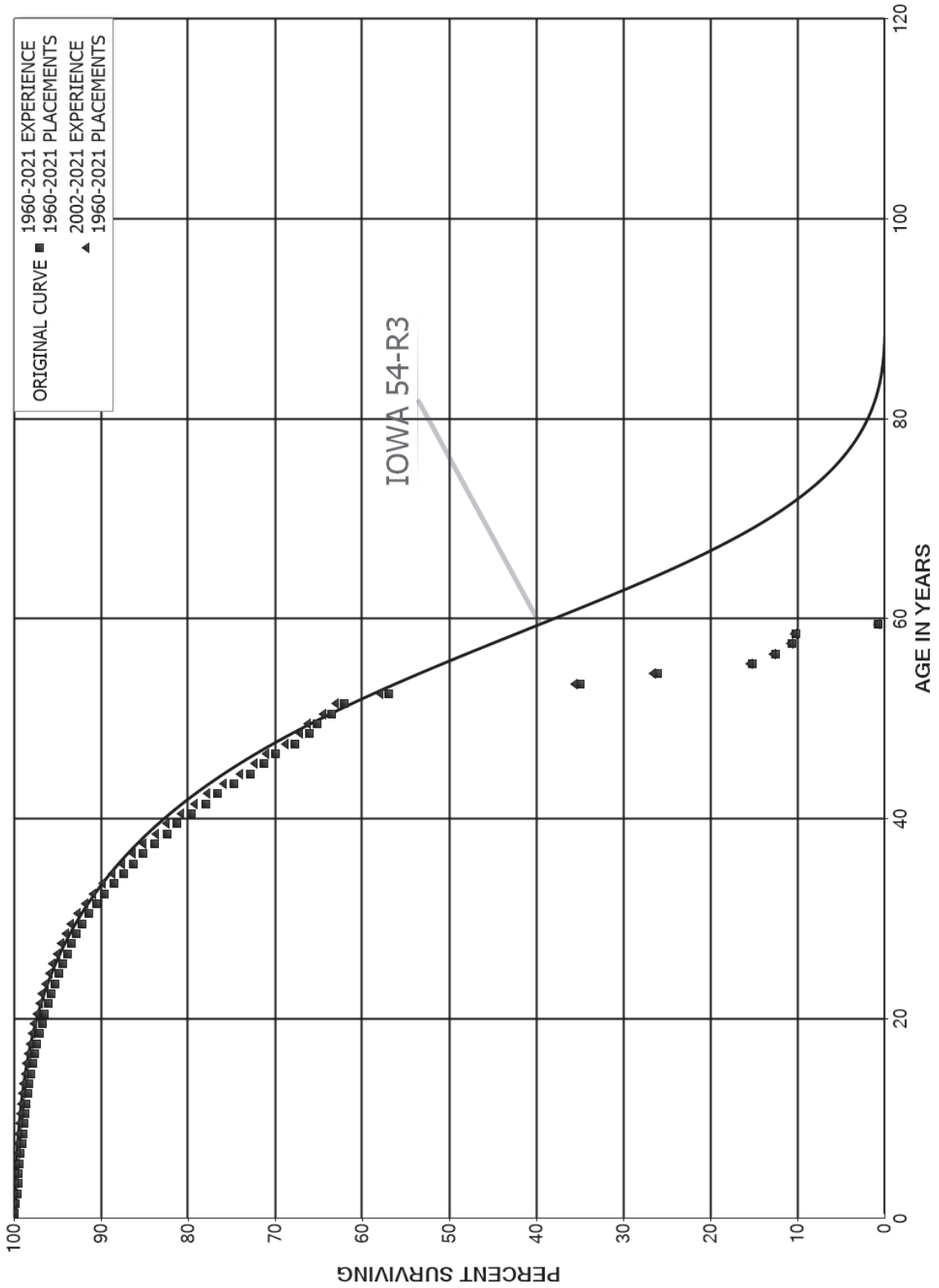
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1965-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	21,550,656	16,640	0.0008	0.9992	96.81
40.5	20,568,643	29,440	0.0014	0.9986	96.73
41.5	19,619,515	45,131	0.0023	0.9977	96.60
42.5	18,791,505	48,164	0.0026	0.9974	96.37
43.5	18,150,699	46,248	0.0025	0.9975	96.13
44.5	16,415,485	19,679	0.0012	0.9988	95.88
45.5	15,762,605	47,072	0.0030	0.9970	95.77
46.5	15,341,911	114,837	0.0075	0.9925	95.48
47.5	15,122,441	55,700	0.0037	0.9963	94.77
48.5	14,486,193	31,956	0.0022	0.9978	94.42
49.5	14,183,916	113,887	0.0080	0.9920	94.21
50.5	13,531,148	33,158	0.0025	0.9975	93.45
51.5	12,887,405	450,596	0.0350	0.9650	93.22
52.5	1,535,140	7,110	0.0046	0.9954	89.96
53.5	1,389,460	13,113	0.0094	0.9906	89.55
54.5	1,250,703	23,360	0.0187	0.9813	88.70
55.5	703,616	4,554	0.0065	0.9935	87.05
56.5	583,948	3,496	0.0060	0.9940	86.48
57.5	511,031	17,943	0.0351	0.9649	85.96
58.5	468,114	16,071	0.0343	0.9657	82.95
59.5	397,742	39,113	0.0983	0.9017	80.10
60.5	326,088	71,613	0.2196	0.7804	72.22
61.5					56.36

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,688,945,202	1,141,184	0.0004	0.9996	100.00
0.5	2,210,052,493	3,656,314	0.0017	0.9983	99.96
1.5	2,124,861,254	2,839,919	0.0013	0.9987	99.79
2.5	2,021,149,242	2,576,702	0.0013	0.9987	99.66
3.5	1,967,834,930	1,582,402	0.0008	0.9992	99.53
4.5	1,870,862,850	1,746,841	0.0009	0.9991	99.45
5.5	1,811,238,538	2,193,206	0.0012	0.9988	99.36
6.5	1,764,665,595	2,336,808	0.0013	0.9987	99.24
7.5	1,726,961,479	2,258,644	0.0013	0.9987	99.11
8.5	1,674,124,672	2,238,074	0.0013	0.9987	98.98
9.5	1,640,740,356	2,327,784	0.0014	0.9986	98.85
10.5	1,610,225,369	2,333,051	0.0014	0.9986	98.70
11.5	1,572,037,295	2,484,200	0.0016	0.9984	98.56
12.5	1,525,332,208	2,684,507	0.0018	0.9982	98.41
13.5	1,411,191,588	3,043,755	0.0022	0.9978	98.23
14.5	1,281,217,933	2,864,709	0.0022	0.9978	98.02
15.5	1,181,787,656	2,402,152	0.0020	0.9980	97.80
16.5	1,088,282,415	2,679,160	0.0025	0.9975	97.60
17.5	1,021,312,015	2,956,603	0.0029	0.9971	97.36
18.5	968,081,902	3,203,694	0.0033	0.9967	97.08
19.5	908,095,598	2,887,530	0.0032	0.9968	96.76
20.5	831,671,464	3,168,064	0.0038	0.9962	96.45
21.5	746,958,067	2,980,830	0.0040	0.9960	96.08
22.5	698,393,047	3,036,529	0.0043	0.9957	95.70
23.5	640,747,064	3,190,055	0.0050	0.9950	95.29
24.5	602,330,018	2,745,599	0.0046	0.9954	94.81
25.5	567,758,058	3,068,451	0.0054	0.9946	94.38
26.5	529,671,758	2,776,759	0.0052	0.9948	93.87
27.5	493,183,346	3,065,954	0.0062	0.9938	93.38
28.5	441,861,721	3,218,310	0.0073	0.9927	92.80
29.5	385,666,084	3,223,198	0.0084	0.9916	92.12
30.5	318,523,056	2,888,049	0.0091	0.9909	91.35
31.5	262,243,693	2,630,557	0.0100	0.9900	90.52
32.5	221,946,554	2,669,276	0.0120	0.9880	89.61
33.5	174,058,307	2,204,323	0.0127	0.9873	88.54
34.5	146,463,677	1,916,721	0.0131	0.9869	87.41
35.5	119,837,249	1,587,621	0.0132	0.9868	86.27
36.5	102,794,116	1,553,506	0.0151	0.9849	85.13
37.5	87,857,466	1,472,194	0.0168	0.9832	83.84
38.5	74,923,061	1,054,996	0.0141	0.9859	82.44

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	63,024,360	1,263,910	0.0201	0.9799	81.28
40.5	52,404,520	1,077,639	0.0206	0.9794	79.65
41.5	42,815,946	771,364	0.0180	0.9820	78.01
42.5	34,718,099	862,088	0.0248	0.9752	76.60
43.5	30,111,074	751,809	0.0250	0.9750	74.70
44.5	24,720,344	540,832	0.0219	0.9781	72.84
45.5	20,964,064	391,102	0.0187	0.9813	71.24
46.5	19,418,676	598,258	0.0308	0.9692	69.91
47.5	14,543,390	366,126	0.0252	0.9748	67.76
48.5	11,436,166	155,830	0.0136	0.9864	66.05
49.5	10,788,938	275,878	0.0256	0.9744	65.15
50.5	8,512,542	192,220	0.0226	0.9774	63.49
51.5	7,000,869	575,172	0.0822	0.9178	62.05
52.5	749,366	289,095	0.3858	0.6142	56.96
53.5	276,231	70,290	0.2545	0.7455	34.98
54.5	134,171	55,877	0.4165	0.5835	26.08
55.5	78,294	13,827	0.1766	0.8234	15.22
56.5	64,467	10,133	0.1572	0.8428	12.53
57.5	54,334	2,208	0.0406	0.9594	10.56
58.5	52,125	48,209	0.9249	0.0751	10.13
59.5	3,916	2,014	0.5143	0.4857	0.76
60.5	1,902	1,902	1.0000		0.37
61.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,762,912,552	867,778	0.0005	0.9995	100.00
0.5	1,359,415,010	1,148,148	0.0008	0.9992	99.95
1.5	1,360,969,978	951,718	0.0007	0.9993	99.87
2.5	1,304,911,798	917,078	0.0007	0.9993	99.80
3.5	1,317,318,966	602,868	0.0005	0.9995	99.73
4.5	1,256,410,615	782,890	0.0006	0.9994	99.68
5.5	1,228,956,865	1,029,413	0.0008	0.9992	99.62
6.5	1,217,714,401	907,667	0.0007	0.9993	99.54
7.5	1,215,086,114	1,003,728	0.0008	0.9992	99.46
8.5	1,212,556,170	1,194,895	0.0010	0.9990	99.38
9.5	1,233,553,286	1,201,121	0.0010	0.9990	99.28
10.5	1,271,226,346	1,321,513	0.0010	0.9990	99.18
11.5	1,291,038,894	1,623,705	0.0013	0.9987	99.08
12.5	1,285,232,844	1,933,238	0.0015	0.9985	98.96
13.5	1,220,697,181	2,283,747	0.0019	0.9981	98.81
14.5	1,118,924,756	1,953,937	0.0017	0.9983	98.62
15.5	1,047,424,159	1,860,779	0.0018	0.9982	98.45
16.5	971,437,002	1,951,893	0.0020	0.9980	98.28
17.5	919,988,192	2,136,226	0.0023	0.9977	98.08
18.5	880,564,496	2,440,196	0.0028	0.9972	97.85
19.5	833,678,394	2,354,286	0.0028	0.9972	97.58
20.5	768,232,334	2,437,627	0.0032	0.9968	97.30
21.5	694,104,199	2,211,806	0.0032	0.9968	97.00
22.5	654,936,933	2,688,075	0.0041	0.9959	96.69
23.5	602,113,149	2,632,222	0.0044	0.9956	96.29
24.5	569,839,689	2,296,360	0.0040	0.9960	95.87
25.5	539,070,479	2,687,654	0.0050	0.9950	95.48
26.5	502,830,315	2,499,001	0.0050	0.9950	95.01
27.5	473,074,971	2,711,477	0.0057	0.9943	94.53
28.5	426,139,052	2,788,433	0.0065	0.9935	93.99
29.5	371,378,703	3,148,226	0.0085	0.9915	93.38
30.5	307,065,575	2,782,215	0.0091	0.9909	92.59
31.5	252,969,145	2,522,857	0.0100	0.9900	91.75
32.5	219,732,656	2,626,992	0.0120	0.9880	90.83
33.5	172,470,237	2,151,671	0.0125	0.9875	89.75
34.5	145,351,288	1,888,384	0.0130	0.9870	88.63
35.5	119,208,216	1,566,736	0.0131	0.9869	87.47
36.5	102,297,793	1,534,829	0.0150	0.9850	86.32
37.5	87,492,928	1,468,270	0.0168	0.9832	85.03
38.5	74,616,187	1,052,720	0.0141	0.9859	83.60

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

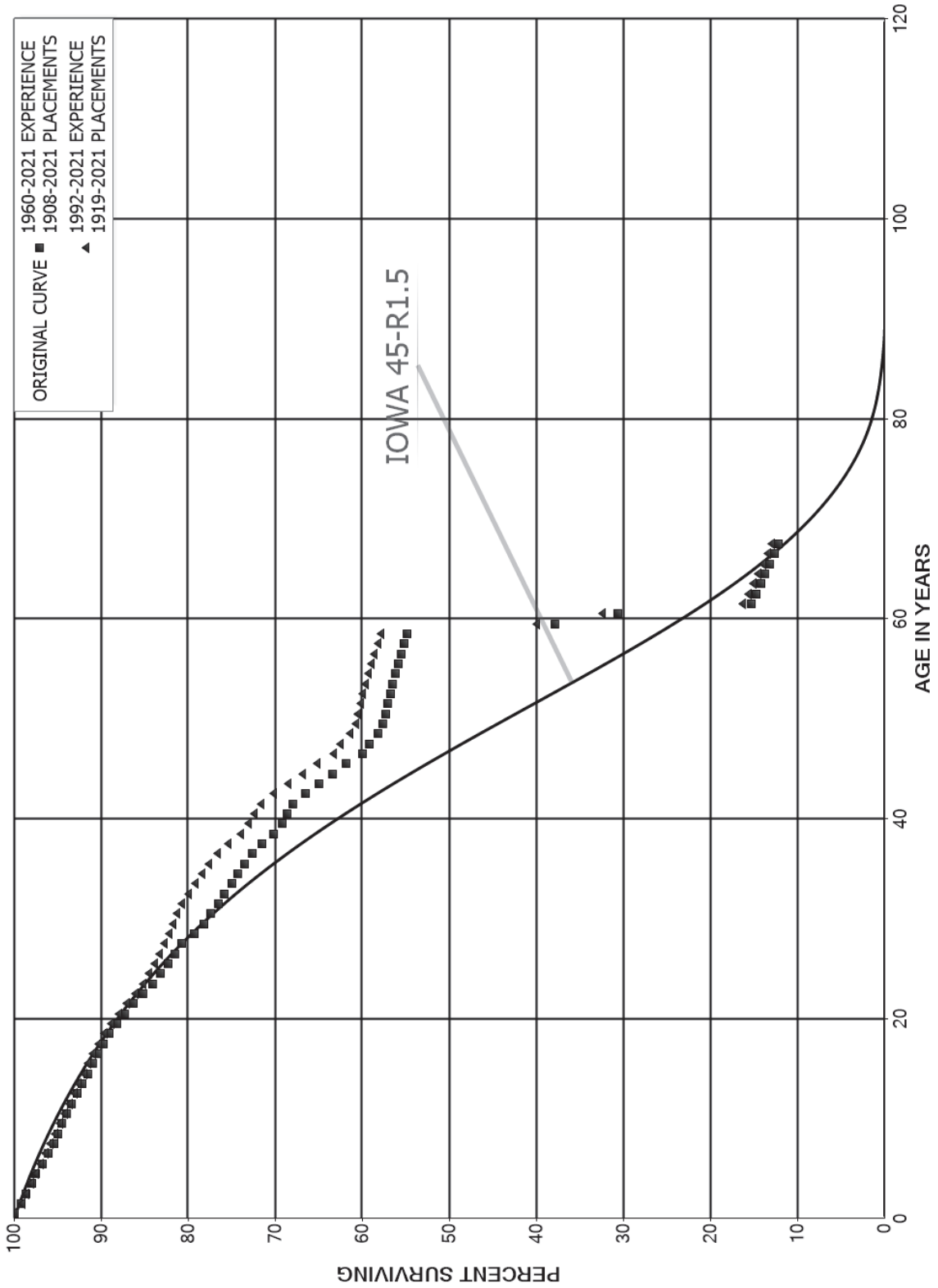
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	62,812,788	1,263,571	0.0201	0.9799	82.42
40.5	52,193,308	1,026,030	0.0197	0.9803	80.77
41.5	42,815,946	771,364	0.0180	0.9820	79.18
42.5	34,718,099	862,088	0.0248	0.9752	77.75
43.5	30,111,074	751,809	0.0250	0.9750	75.82
44.5	24,720,344	540,832	0.0219	0.9781	73.93
45.5	20,964,064	391,102	0.0187	0.9813	72.31
46.5	19,418,676	598,258	0.0308	0.9692	70.96
47.5	14,543,390	366,126	0.0252	0.9748	68.77
48.5	11,436,166	155,830	0.0136	0.9864	67.04
49.5	10,788,938	275,878	0.0256	0.9744	66.13
50.5	8,512,542	192,220	0.0226	0.9774	64.44
51.5	7,000,869	575,172	0.0822	0.9178	62.98
52.5	749,366	289,095	0.3858	0.6142	57.81
53.5	276,231	70,290	0.2545	0.7455	35.51
54.5	134,171	55,877	0.4165	0.5835	26.47
55.5	78,294	13,827	0.1766	0.8234	15.45
56.5	64,467	10,133	0.1572	0.8428	12.72
57.5	54,334	2,208	0.0406	0.9594	10.72
58.5	52,125	48,209	0.9249	0.0751	10.28
59.5	3,916	2,014	0.5143	0.4857	0.77
60.5	1,902	1,902	1.0000		0.38
61.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,346,669,011	1,820,304	0.0008	0.9992	100.00
0.5	1,988,787,801	15,895,456	0.0080	0.9920	99.92
1.5	1,954,393,379	9,969,127	0.0051	0.9949	99.12
2.5	1,889,396,978	11,879,185	0.0063	0.9937	98.62
3.5	1,869,311,557	9,781,207	0.0052	0.9948	98.00
4.5	1,794,693,257	13,182,499	0.0073	0.9927	97.49
5.5	1,738,136,435	12,922,803	0.0074	0.9926	96.77
6.5	1,698,565,559	11,154,581	0.0066	0.9934	96.05
7.5	1,630,722,280	7,782,173	0.0048	0.9952	95.42
8.5	1,583,494,168	8,219,645	0.0052	0.9948	94.96
9.5	1,541,719,940	9,314,840	0.0060	0.9940	94.47
10.5	1,469,439,834	8,582,041	0.0058	0.9942	93.90
11.5	1,430,498,430	9,867,462	0.0069	0.9931	93.35
12.5	1,378,338,494	8,354,474	0.0061	0.9939	92.71
13.5	1,307,488,553	8,903,577	0.0068	0.9932	92.15
14.5	1,242,714,844	7,622,155	0.0061	0.9939	91.52
15.5	1,179,803,097	7,302,780	0.0062	0.9938	90.96
16.5	1,126,585,553	7,883,577	0.0070	0.9930	90.39
17.5	1,080,883,404	8,556,781	0.0079	0.9921	89.76
18.5	1,035,525,261	9,680,768	0.0093	0.9907	89.05
19.5	992,734,187	10,070,777	0.0101	0.9899	88.22
20.5	933,171,982	11,216,751	0.0120	0.9880	87.32
21.5	870,339,890	10,943,414	0.0126	0.9874	86.27
22.5	824,493,592	10,525,206	0.0128	0.9872	85.19
23.5	774,661,095	8,868,309	0.0114	0.9886	84.10
24.5	739,147,651	7,425,565	0.0100	0.9900	83.14
25.5	702,990,122	6,485,262	0.0092	0.9908	82.30
26.5	667,446,892	6,809,729	0.0102	0.9898	81.54
27.5	632,797,148	11,092,984	0.0175	0.9825	80.71
28.5	580,797,780	8,038,369	0.0138	0.9862	79.30
29.5	542,205,287	5,726,470	0.0106	0.9894	78.20
30.5	501,022,375	5,272,832	0.0105	0.9895	77.37
31.5	455,029,818	4,587,939	0.0101	0.9899	76.56
32.5	400,817,549	4,185,135	0.0104	0.9896	75.79
33.5	328,141,950	3,104,148	0.0095	0.9905	75.00
34.5	298,285,010	3,075,933	0.0103	0.9897	74.29
35.5	257,336,981	3,271,164	0.0127	0.9873	73.52
36.5	226,540,355	3,466,991	0.0153	0.9847	72.59
37.5	197,180,930	3,713,178	0.0188	0.9812	71.48
38.5	172,353,188	2,291,680	0.0133	0.9867	70.13

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	155,445,834	1,364,306	0.0088	0.9912	69.20
40.5	137,354,617	1,348,672	0.0098	0.9902	68.59
41.5	123,482,910	2,587,098	0.0210	0.9790	67.92
42.5	105,705,986	2,518,290	0.0238	0.9762	66.49
43.5	89,568,385	2,152,828	0.0240	0.9760	64.91
44.5	75,776,711	1,868,735	0.0247	0.9753	63.35
45.5	71,514,917	2,078,019	0.0291	0.9709	61.79
46.5	66,987,950	894,564	0.0134	0.9866	59.99
47.5	53,836,638	902,546	0.0168	0.9832	59.19
48.5	41,669,965	453,569	0.0109	0.9891	58.20
49.5	31,429,539	140,646	0.0045	0.9955	57.56
50.5	26,498,397	123,988	0.0047	0.9953	57.31
51.5	22,634,895	105,068	0.0046	0.9954	57.04
52.5	16,960,487	83,039	0.0049	0.9951	56.77
53.5	13,649,851	73,540	0.0054	0.9946	56.50
54.5	9,454,056	53,591	0.0057	0.9943	56.19
55.5	7,167,957	44,564	0.0062	0.9938	55.87
56.5	5,515,580	38,045	0.0069	0.9931	55.53
57.5	4,271,857	25,395	0.0059	0.9941	55.14
58.5	3,541,830	1,096,455	0.3096	0.6904	54.81
59.5	1,906,511	363,013	0.1904	0.8096	37.85
60.5	1,454,701	726,856	0.4997	0.5003	30.64
61.5	295,214	11,276	0.0382	0.9618	15.33
62.5	234,515	8,740	0.0373	0.9627	14.74
63.5	194,609	6,957	0.0358	0.9642	14.20
64.5	148,966	5,508	0.0370	0.9630	13.69
65.5	128,096	5,569	0.0435	0.9565	13.18
66.5	98,692	3,332	0.0338	0.9662	12.61
67.5	80,479	4,654	0.0578	0.9422	12.18
68.5	62,262	3,108	0.0499	0.9501	11.48
69.5	50,943	1,786	0.0351	0.9649	10.91
70.5	57,520	2,001	0.0348	0.9652	10.52
71.5	49,800	1,379	0.0277	0.9723	10.16
72.5	48,880	1,802	0.0369	0.9631	9.88
73.5	22,058	702	0.0318	0.9682	9.51
74.5	16,992	698	0.0411	0.9589	9.21
75.5	13,654	796	0.0583	0.9417	8.83
76.5	10,964	302	0.0275	0.9725	8.32
77.5	10,426	538	0.0516	0.9484	8.09
78.5	9,888	173	0.0175	0.9825	7.67

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	9,519	86	0.0091	0.9909	7.54
80.5	9,262	2,758	0.2977	0.7023	7.47
81.5	6,380	127	0.0198	0.9802	5.24
82.5	6,060	651	0.1073	0.8927	5.14
83.5	5,409	2,898	0.5357	0.4643	4.59
84.5	2,512	630	0.2510	0.7490	2.13
85.5	1,881	1,501	0.7977	0.2023	1.60
86.5	381	46	0.1208	0.8792	0.32
87.5	335	101	0.3003	0.6997	0.28
88.5	184	54	0.2955	0.7045	0.20
89.5	130	96	0.7431	0.2569	0.14
90.5	33	33	0.9919	0.0081	0.04
91.5	0		0.0000	1.0000	0.00
92.5					0.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,571,843,403	1,563,425	0.0010	0.9990	100.00
0.5	1,247,560,609	11,445,894	0.0092	0.9908	99.90
1.5	1,253,549,465	5,533,309	0.0044	0.9956	98.98
2.5	1,236,037,412	7,918,407	0.0064	0.9936	98.55
3.5	1,275,355,940	6,286,239	0.0049	0.9951	97.92
4.5	1,249,915,908	8,103,652	0.0065	0.9935	97.43
5.5	1,245,157,841	6,877,841	0.0055	0.9945	96.80
6.5	1,252,232,756	7,285,056	0.0058	0.9942	96.27
7.5	1,225,049,202	6,746,503	0.0055	0.9945	95.71
8.5	1,202,906,113	6,937,713	0.0058	0.9942	95.18
9.5	1,179,560,414	7,247,802	0.0061	0.9939	94.63
10.5	1,126,615,650	6,161,415	0.0055	0.9945	94.05
11.5	1,107,992,624	6,820,529	0.0062	0.9938	93.53
12.5	1,077,955,303	5,901,247	0.0055	0.9945	92.96
13.5	1,025,009,884	6,235,950	0.0061	0.9939	92.45
14.5	977,230,484	5,687,048	0.0058	0.9942	91.89
15.5	921,338,567	5,548,366	0.0060	0.9940	91.35
16.5	874,350,321	6,060,563	0.0069	0.9931	90.80
17.5	858,755,012	6,559,236	0.0076	0.9924	90.17
18.5	837,054,030	7,379,475	0.0088	0.9912	89.48
19.5	814,712,909	7,452,584	0.0091	0.9909	88.70
20.5	772,106,110	8,440,296	0.0109	0.9891	87.88
21.5	726,730,668	7,680,487	0.0106	0.9894	86.92
22.5	700,579,408	7,719,334	0.0110	0.9890	86.01
23.5	667,084,602	5,589,860	0.0084	0.9916	85.06
24.5	648,434,297	4,624,316	0.0071	0.9929	84.34
25.5	626,943,837	4,034,975	0.0064	0.9936	83.74
26.5	602,204,008	3,917,697	0.0065	0.9935	83.20
27.5	575,774,666	3,864,189	0.0067	0.9933	82.66
28.5	535,487,206	3,022,874	0.0056	0.9944	82.11
29.5	504,923,616	2,871,136	0.0057	0.9943	81.64
30.5	468,675,360	3,021,122	0.0064	0.9936	81.18
31.5	455,029,818	4,587,939	0.0101	0.9899	80.66
32.5	400,817,549	4,185,135	0.0104	0.9896	79.84
33.5	328,141,950	3,104,148	0.0095	0.9905	79.01
34.5	298,285,010	3,075,933	0.0103	0.9897	78.26
35.5	257,336,981	3,271,164	0.0127	0.9873	77.46
36.5	226,540,355	3,466,991	0.0153	0.9847	76.47
37.5	197,180,930	3,713,178	0.0188	0.9812	75.30
38.5	172,353,188	2,291,680	0.0133	0.9867	73.88

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	155,445,834	1,364,306	0.0088	0.9912	72.90
40.5	137,354,617	1,348,672	0.0098	0.9902	72.26
41.5	123,482,910	2,587,098	0.0210	0.9790	71.55
42.5	105,705,986	2,518,290	0.0238	0.9762	70.05
43.5	89,568,385	2,152,828	0.0240	0.9760	68.38
44.5	75,776,711	1,868,735	0.0247	0.9753	66.74
45.5	71,514,917	2,078,019	0.0291	0.9709	65.09
46.5	66,987,950	894,564	0.0134	0.9866	63.20
47.5	53,836,638	902,546	0.0168	0.9832	62.36
48.5	41,669,965	453,569	0.0109	0.9891	61.31
49.5	31,429,539	140,646	0.0045	0.9955	60.65
50.5	26,498,397	123,988	0.0047	0.9953	60.37
51.5	22,634,791	105,068	0.0046	0.9954	60.09
52.5	16,960,383	83,039	0.0049	0.9951	59.81
53.5	13,649,747	73,540	0.0054	0.9946	59.52
54.5	9,453,952	53,591	0.0057	0.9943	59.20
55.5	7,167,853	44,564	0.0062	0.9938	58.86
56.5	5,515,476	38,045	0.0069	0.9931	58.50
57.5	4,271,753	25,395	0.0059	0.9941	58.09
58.5	3,541,726	1,096,455	0.3096	0.6904	57.75
59.5	1,906,407	363,013	0.1904	0.8096	39.87
60.5	1,454,597	726,856	0.4997	0.5003	32.28
61.5	295,110	11,276	0.0382	0.9618	16.15
62.5	234,411	8,740	0.0373	0.9627	15.53
63.5	194,505	6,957	0.0358	0.9642	14.95
64.5	148,862	5,508	0.0370	0.9630	14.42
65.5	127,992	5,569	0.0435	0.9565	13.88
66.5	98,588	3,332	0.0338	0.9662	13.28
67.5	80,375	4,654	0.0579	0.9421	12.83
68.5	62,158	3,108	0.0500	0.9500	12.09
69.5	50,839	1,786	0.0351	0.9649	11.48
70.5	39,347	2,001	0.0509	0.9491	11.08
71.5	31,627	1,379	0.0436	0.9564	10.52
72.5	48,776	1,802	0.0369	0.9631	10.06
73.5	21,954	702	0.0320	0.9680	9.69
74.5	16,888	698	0.0413	0.9587	9.38
75.5	13,550	796	0.0587	0.9413	8.99
76.5	10,860	302	0.0278	0.9722	8.46
77.5	10,322	538	0.0522	0.9478	8.23
78.5	9,784	173	0.0177	0.9823	7.80

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 368.00 AND 368.10 LINE TRANSFORMERS

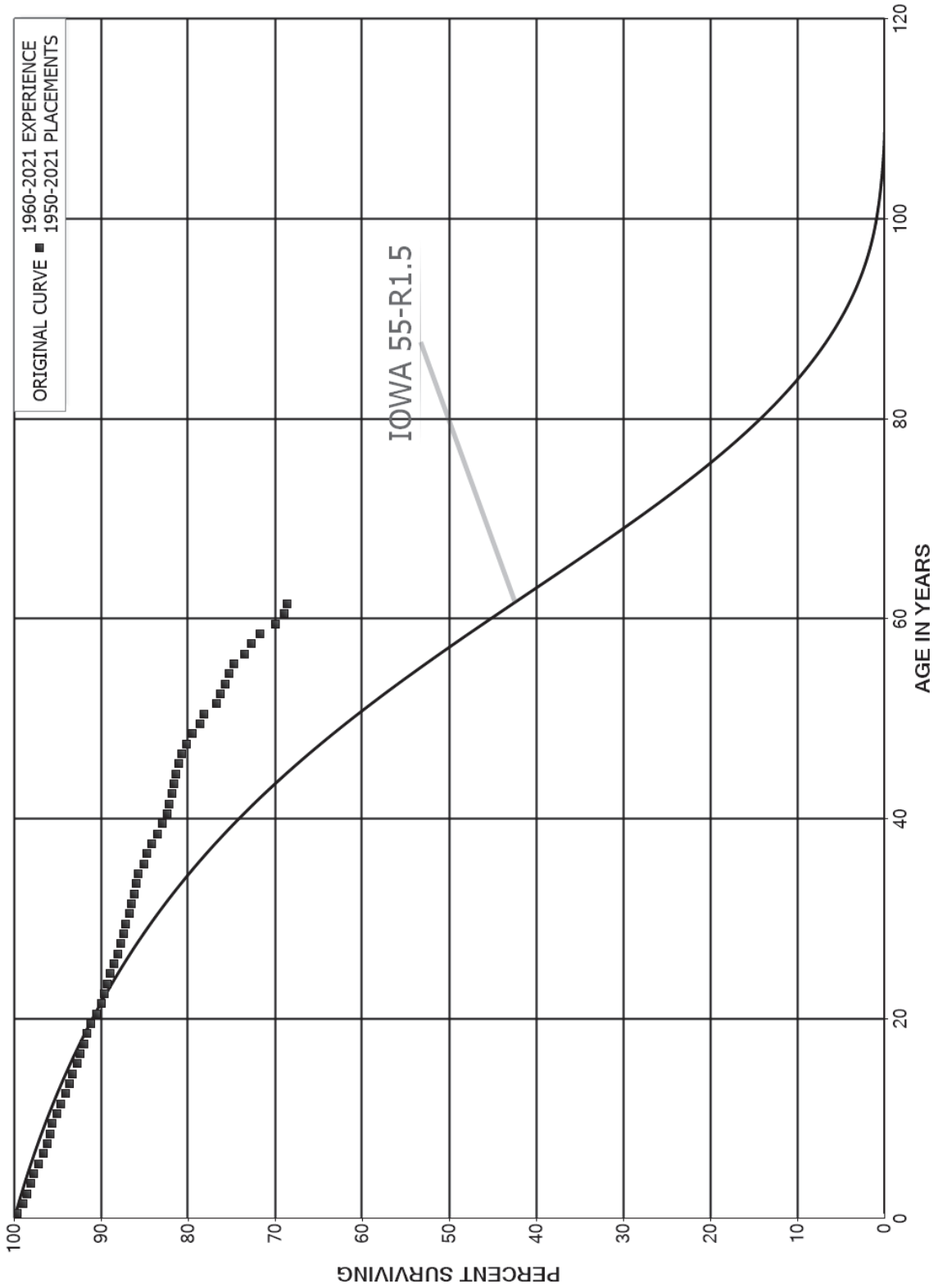
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1919-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	9,519	86	0.0091	0.9909	7.66
80.5	9,262	2,758	0.2977	0.7023	7.59
81.5	6,380	127	0.0198	0.9802	5.33
82.5	6,060	651	0.1073	0.8927	5.23
83.5	5,409	2,898	0.5357	0.4643	4.66
84.5	2,512	630	0.2510	0.7490	2.17
85.5	1,881	1,501	0.7977	0.2023	1.62
86.5	381	46	0.1208	0.8792	0.33
87.5	335	101	0.3003	0.6997	0.29
88.5	184	54	0.2955	0.7045	0.20
89.5	130	96	0.7431	0.2569	0.14
90.5	33	33	0.9919	0.0081	0.04
91.5	0		0.0000	1.0000	0.00
92.5					0.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 369.00 SERVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 369.00 SERVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1950-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,387,577,048	5,198,775	0.0037	0.9963	100.00
0.5	1,152,052,991	7,452,045	0.0065	0.9935	99.63
1.5	1,131,371,544	4,853,546	0.0043	0.9957	98.98
2.5	1,103,037,044	5,943,979	0.0054	0.9946	98.56
3.5	1,109,382,460	3,800,072	0.0034	0.9966	98.03
4.5	1,074,983,237	5,728,990	0.0053	0.9947	97.69
5.5	1,028,047,519	5,449,900	0.0053	0.9947	97.17
6.5	984,602,878	5,085,526	0.0052	0.9948	96.65
7.5	931,666,384	2,629,461	0.0028	0.9972	96.15
8.5	894,126,460	2,678,408	0.0030	0.9970	95.88
9.5	864,415,394	5,282,970	0.0061	0.9939	95.60
10.5	819,713,525	3,880,488	0.0047	0.9953	95.01
11.5	801,224,904	4,062,358	0.0051	0.9949	94.56
12.5	754,571,889	3,375,106	0.0045	0.9955	94.08
13.5	736,268,388	2,713,048	0.0037	0.9963	93.66
14.5	695,083,363	4,107,762	0.0059	0.9941	93.32
15.5	651,424,927	2,925,822	0.0045	0.9955	92.76
16.5	614,437,631	2,487,260	0.0040	0.9960	92.35
17.5	583,365,297	2,324,343	0.0040	0.9960	91.97
18.5	568,745,069	2,724,358	0.0048	0.9952	91.61
19.5	532,943,781	3,834,310	0.0072	0.9928	91.17
20.5	497,737,658	2,948,632	0.0059	0.9941	90.51
21.5	456,515,668	1,772,113	0.0039	0.9961	89.98
22.5	421,560,332	1,566,081	0.0037	0.9963	89.63
23.5	394,083,722	1,782,453	0.0045	0.9955	89.29
24.5	359,831,196	1,665,438	0.0046	0.9954	88.89
25.5	331,579,912	1,579,202	0.0048	0.9952	88.48
26.5	309,130,754	1,176,452	0.0038	0.9962	88.06
27.5	286,192,478	1,003,732	0.0035	0.9965	87.72
28.5	260,188,991	652,500	0.0025	0.9975	87.42
29.5	241,399,285	1,213,214	0.0050	0.9950	87.20
30.5	222,106,175	740,128	0.0033	0.9967	86.76
31.5	198,057,362	615,310	0.0031	0.9969	86.47
32.5	173,629,879	431,415	0.0025	0.9975	86.20
33.5	149,019,457	440,480	0.0030	0.9970	85.99
34.5	134,537,451	1,061,833	0.0079	0.9921	85.73
35.5	126,767,123	520,543	0.0041	0.9959	85.06
36.5	118,028,755	681,002	0.0058	0.9942	84.71
37.5	106,045,778	929,444	0.0088	0.9912	84.22
38.5	92,511,396	638,067	0.0069	0.9931	83.48

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 369.00 SERVICES

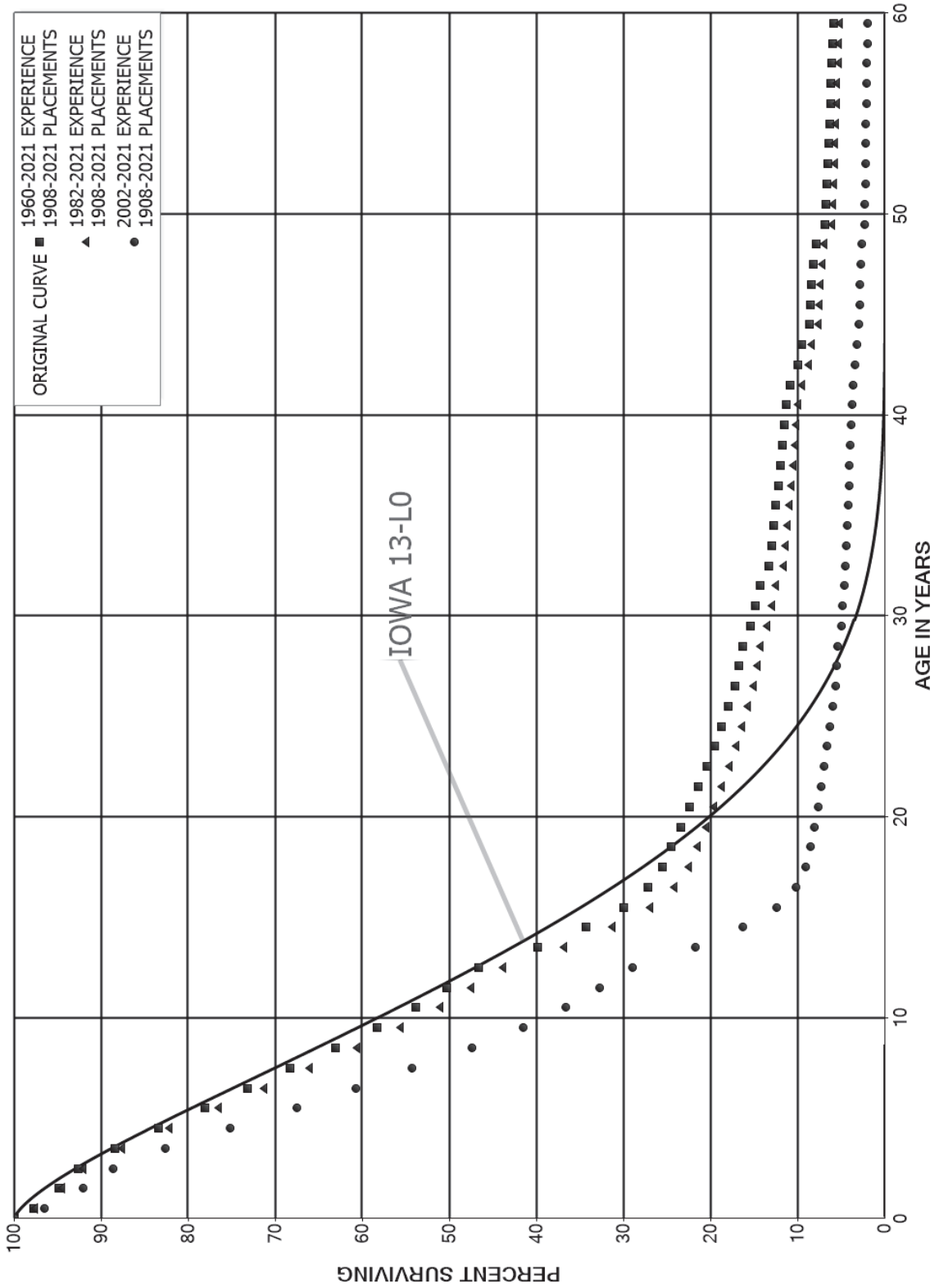
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1950-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	83,502,565	492,310	0.0059	0.9941	82.90
40.5	74,008,003	245,055	0.0033	0.9967	82.41
41.5	67,763,256	245,040	0.0036	0.9964	82.14
42.5	59,919,420	163,432	0.0027	0.9973	81.84
43.5	53,462,301	171,922	0.0032	0.9968	81.62
44.5	47,156,439	181,614	0.0039	0.9961	81.36
45.5	42,416,886	185,214	0.0044	0.9956	81.05
46.5	40,736,765	235,480	0.0058	0.9942	80.69
47.5	34,748,192	306,230	0.0088	0.9912	80.23
48.5	30,296,822	363,210	0.0120	0.9880	79.52
49.5	25,611,215	135,650	0.0053	0.9947	78.56
50.5	22,414,313	405,546	0.0181	0.9819	78.15
51.5	21,266,807	138,222	0.0065	0.9935	76.73
52.5	17,876,307	114,251	0.0064	0.9936	76.24
53.5	17,015,522	107,043	0.0063	0.9937	75.75
54.5	14,680,717	101,846	0.0069	0.9931	75.27
55.5	12,786,420	204,574	0.0160	0.9840	74.75
56.5	12,095,717	141,094	0.0117	0.9883	73.55
57.5	10,266,700	136,310	0.0133	0.9867	72.70
58.5	8,994,389	220,087	0.0245	0.9755	71.73
59.5	7,404,862	107,480	0.0145	0.9855	69.98
60.5	6,015,899	33,609	0.0056	0.9944	68.96
61.5					68.57

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 370.00 METERS AND METERING EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	854,429,920	19,157,252	0.0224	0.9776	100.00
0.5	745,219,467	22,296,395	0.0299	0.9701	97.76
1.5	674,871,739	15,928,774	0.0236	0.9764	94.83
2.5	633,309,128	28,482,577	0.0450	0.9550	92.59
3.5	598,561,100	33,823,570	0.0565	0.9435	88.43
4.5	569,464,890	36,299,183	0.0637	0.9363	83.43
5.5	542,184,074	34,164,344	0.0630	0.9370	78.12
6.5	508,875,251	34,025,676	0.0669	0.9331	73.19
7.5	465,959,110	35,389,199	0.0759	0.9241	68.30
8.5	429,885,568	33,129,624	0.0771	0.9229	63.11
9.5	394,656,924	29,870,938	0.0757	0.9243	58.25
10.5	363,902,319	24,108,375	0.0662	0.9338	53.84
11.5	338,847,790	24,817,730	0.0732	0.9268	50.27
12.5	312,892,488	45,378,312	0.1450	0.8550	46.59
13.5	266,137,815	37,161,412	0.1396	0.8604	39.83
14.5	227,799,633	28,410,751	0.1247	0.8753	34.27
15.5	198,846,595	18,650,122	0.0938	0.9062	30.00
16.5	179,463,464	11,129,608	0.0620	0.9380	27.18
17.5	166,973,326	6,777,222	0.0406	0.9594	25.50
18.5	159,550,123	7,246,693	0.0454	0.9546	24.46
19.5	149,610,003	6,251,858	0.0418	0.9582	23.35
20.5	141,657,106	6,171,337	0.0436	0.9564	22.38
21.5	134,767,779	6,316,808	0.0469	0.9531	21.40
22.5	127,196,935	5,259,313	0.0413	0.9587	20.40
23.5	120,260,312	4,953,747	0.0412	0.9588	19.55
24.5	113,362,662	4,820,570	0.0425	0.9575	18.75
25.5	105,750,156	4,686,802	0.0443	0.9557	17.95
26.5	98,516,394	2,539,592	0.0258	0.9742	17.16
27.5	92,862,296	2,219,372	0.0239	0.9761	16.71
28.5	88,598,084	5,252,221	0.0593	0.9407	16.31
29.5	80,712,146	2,937,872	0.0364	0.9636	15.35
30.5	74,631,324	2,454,563	0.0329	0.9671	14.79
31.5	70,952,169	5,149,646	0.0726	0.9274	14.30
32.5	62,881,730	1,219,670	0.0194	0.9806	13.26
33.5	58,124,516	1,222,778	0.0210	0.9790	13.01
34.5	53,870,346	1,023,402	0.0190	0.9810	12.73
35.5	49,674,672	1,086,871	0.0219	0.9781	12.49
36.5	44,473,836	856,319	0.0193	0.9807	12.22
37.5	40,224,240	781,460	0.0194	0.9806	11.98
38.5	36,275,468	614,580	0.0169	0.9831	11.75

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	33,123,344	760,264	0.0230	0.9770	11.55
40.5	29,853,213	1,258,396	0.0422	0.9578	11.29
41.5	26,670,796	2,240,526	0.0840	0.9160	10.81
42.5	22,456,072	847,488	0.0377	0.9623	9.90
43.5	20,065,661	1,810,806	0.0902	0.9098	9.53
44.5	16,904,331	381,895	0.0226	0.9774	8.67
45.5	15,129,271	136,388	0.0090	0.9910	8.47
46.5	14,705,131	483,339	0.0329	0.9671	8.40
47.5	12,353,601	361,483	0.0293	0.9707	8.12
48.5	10,995,556	1,458,027	0.1326	0.8674	7.88
49.5	8,685,452	140,587	0.0162	0.9838	6.84
50.5	7,800,650	143,580	0.0184	0.9816	6.73
51.5	6,893,515	105,546	0.0153	0.9847	6.60
52.5	6,221,629	79,226	0.0127	0.9873	6.50
53.5	5,728,587	90,586	0.0158	0.9842	6.42
54.5	5,188,585	81,735	0.0158	0.9842	6.32
55.5	4,704,269	56,695	0.0121	0.9879	6.22
56.5	4,344,378	93,899	0.0216	0.9784	6.14
57.5	3,934,758	59,052	0.0150	0.9850	6.01
58.5	3,547,683	57,551	0.0162	0.9838	5.92
59.5	3,173,329	44,691	0.0141	0.9859	5.82
60.5	2,882,033	438,956	0.1523	0.8477	5.74
61.5	2,281		0.0000	1.0000	4.87
62.5	2,281		0.0000	1.0000	4.87
63.5	2,281		0.0000	1.0000	4.87
64.5	2,240		0.0000	1.0000	4.87
65.5	929		0.0000	1.0000	4.87
66.5	929		0.0000	1.0000	4.87
67.5	238		0.0000	1.0000	4.87
68.5	238		0.0000	1.0000	4.87
69.5	238		0.0000	1.0000	4.87
70.5	238	122	0.5126	0.4874	4.87
71.5	238		0.0000	1.0000	2.37
72.5	238		0.0000	1.0000	2.37
73.5	238		0.0000	1.0000	2.37
74.5	238		0.0000	1.0000	2.37
75.5	238		0.0000	1.0000	2.37
76.5	238		0.0000	1.0000	2.37
77.5	238		0.0000	1.0000	2.37
78.5	238		0.0000	1.0000	2.37
79.5					2.37

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1982-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	770,955,528	19,152,199	0.0248	0.9752	100.00
0.5	668,818,991	21,720,119	0.0325	0.9675	97.52
1.5	605,102,052	15,277,316	0.0252	0.9748	94.35
2.5	570,556,030	27,951,576	0.0490	0.9510	91.97
3.5	540,963,344	33,273,649	0.0615	0.9385	87.46
4.5	515,263,987	35,800,260	0.0695	0.9305	82.08
5.5	492,958,179	33,682,741	0.0683	0.9317	76.38
6.5	461,276,466	33,497,518	0.0726	0.9274	71.16
7.5	424,014,109	35,125,509	0.0828	0.9172	65.99
8.5	391,474,637	32,551,118	0.0832	0.9168	60.53
9.5	359,354,592	29,293,731	0.0815	0.9185	55.49
10.5	330,947,647	23,187,631	0.0701	0.9299	50.97
11.5	308,252,913	24,153,804	0.0784	0.9216	47.40
12.5	284,176,634	44,965,668	0.1582	0.8418	43.68
13.5	238,729,710	36,652,824	0.1535	0.8465	36.77
14.5	201,651,136	27,947,511	0.1386	0.8614	31.13
15.5	173,964,183	18,037,250	0.1037	0.8963	26.81
16.5	155,913,693	10,720,292	0.0688	0.9312	24.03
17.5	144,642,870	6,346,333	0.0439	0.9561	22.38
18.5	138,447,209	6,644,552	0.0480	0.9520	21.40
19.5	130,272,021	5,670,819	0.0435	0.9565	20.37
20.5	123,796,603	5,533,218	0.0447	0.9553	19.48
21.5	134,762,937	6,316,808	0.0469	0.9531	18.61
22.5	127,192,274	5,259,313	0.0413	0.9587	17.74
23.5	120,255,651	4,953,747	0.0412	0.9588	17.01
24.5	113,359,507	4,820,570	0.0425	0.9575	16.31
25.5	105,747,001	4,686,802	0.0443	0.9557	15.61
26.5	98,513,239	2,539,592	0.0258	0.9742	14.92
27.5	92,859,208	2,219,372	0.0239	0.9761	14.54
28.5	88,596,947	5,252,221	0.0593	0.9407	14.19
29.5	80,711,009	2,937,872	0.0364	0.9636	13.35
30.5	74,631,324	2,454,563	0.0329	0.9671	12.86
31.5	70,952,169	5,149,646	0.0726	0.9274	12.44
32.5	62,881,730	1,219,670	0.0194	0.9806	11.54
33.5	58,124,516	1,222,778	0.0210	0.9790	11.31
34.5	53,870,346	1,023,402	0.0190	0.9810	11.07
35.5	49,674,672	1,086,871	0.0219	0.9781	10.86
36.5	44,473,836	856,319	0.0193	0.9807	10.63
37.5	40,224,240	781,460	0.0194	0.9806	10.42
38.5	36,275,468	614,580	0.0169	0.9831	10.22

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 1982-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	33,123,344	760,264	0.0230	0.9770	10.05
40.5	29,853,213	1,258,396	0.0422	0.9578	9.82
41.5	26,670,796	2,240,526	0.0840	0.9160	9.40
42.5	22,456,072	847,488	0.0377	0.9623	8.61
43.5	20,065,661	1,810,806	0.0902	0.9098	8.29
44.5	16,904,331	381,895	0.0226	0.9774	7.54
45.5	15,129,271	136,388	0.0090	0.9910	7.37
46.5	14,705,131	483,339	0.0329	0.9671	7.30
47.5	12,353,601	361,483	0.0293	0.9707	7.06
48.5	10,995,556	1,458,027	0.1326	0.8674	6.86
49.5	8,685,452	140,587	0.0162	0.9838	5.95
50.5	7,800,650	143,580	0.0184	0.9816	5.85
51.5	6,893,277	105,546	0.0153	0.9847	5.74
52.5	6,221,391	79,226	0.0127	0.9873	5.65
53.5	5,728,349	90,586	0.0158	0.9842	5.58
54.5	5,188,347	81,735	0.0158	0.9842	5.49
55.5	4,704,031	56,695	0.0121	0.9879	5.41
56.5	4,344,140	93,899	0.0216	0.9784	5.34
57.5	3,934,520	59,052	0.0150	0.9850	5.23
58.5	3,547,445	57,551	0.0162	0.9838	5.15
59.5	3,173,091	44,691	0.0141	0.9859	5.07
60.5	2,881,795	438,956	0.1523	0.8477	4.99
61.5	2,043		0.0000	1.0000	4.23
62.5	2,043		0.0000	1.0000	4.23
63.5	2,043		0.0000	1.0000	4.23
64.5	2,002		0.0000	1.0000	4.23
65.5	691		0.0000	1.0000	4.23
66.5	691		0.0000	1.0000	4.23
67.5					4.23
68.5					
69.5					
70.5					
71.5					
72.5					
73.5	238		0.0000		
74.5	238		0.0000		
75.5	238		0.0000		
76.5	238		0.0000		
77.5	238		0.0000		
78.5	238		0.0000		
79.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	528,862,301	18,568,971	0.0351	0.9649	100.00
0.5	438,275,545	20,252,875	0.0462	0.9538	96.49
1.5	385,713,828	14,192,407	0.0368	0.9632	92.03
2.5	353,386,582	23,976,216	0.0678	0.9322	88.64
3.5	334,656,232	30,082,655	0.0899	0.9101	82.63
4.5	321,576,090	32,875,563	0.1022	0.8978	75.20
5.5	309,472,874	31,219,024	0.1009	0.8991	67.51
6.5	288,915,390	30,796,761	0.1066	0.8934	60.70
7.5	259,149,214	32,436,118	0.1252	0.8748	54.23
8.5	239,646,436	30,022,803	0.1253	0.8747	47.44
9.5	215,325,473	25,629,781	0.1190	0.8810	41.50
10.5	196,194,403	20,420,823	0.1041	0.8959	36.56
11.5	189,114,195	22,287,260	0.1179	0.8821	32.76
12.5	175,119,943	43,518,441	0.2485	0.7515	28.90
13.5	141,956,989	35,145,905	0.2476	0.7524	21.71
14.5	112,848,557	26,920,433	0.2386	0.7614	16.34
15.5	93,509,934	16,728,314	0.1789	0.8211	12.44
16.5	87,436,060	9,802,752	0.1121	0.8879	10.22
17.5	81,759,896	4,660,712	0.0570	0.9430	9.07
18.5	83,258,296	4,958,046	0.0596	0.9404	8.55
19.5	83,393,947	4,075,772	0.0489	0.9511	8.04
20.5	83,464,882	3,919,593	0.0470	0.9530	7.65
21.5	83,117,105	4,138,970	0.0498	0.9502	7.29
22.5	82,692,627	4,174,420	0.0505	0.9495	6.93
23.5	80,623,839	4,224,401	0.0524	0.9476	6.58
24.5	76,823,898	3,770,222	0.0491	0.9509	6.23
25.5	72,193,880	3,791,537	0.0525	0.9475	5.93
26.5	66,620,968	1,765,482	0.0265	0.9735	5.62
27.5	65,347,146	1,278,117	0.0196	0.9804	5.47
28.5	64,167,435	4,635,746	0.0722	0.9278	5.36
29.5	58,433,726	2,250,140	0.0385	0.9615	4.97
30.5	53,975,435	2,152,869	0.0399	0.9601	4.78
31.5	51,561,084	1,285,431	0.0249	0.9751	4.59
32.5	48,122,882	1,001,741	0.0208	0.9792	4.48
33.5	44,182,906	794,431	0.0180	0.9820	4.38
34.5	40,924,230	849,571	0.0208	0.9792	4.30
35.5	37,435,118	883,273	0.0236	0.9764	4.22
36.5	32,878,890	699,365	0.0213	0.9787	4.12
37.5	29,226,189	615,582	0.0211	0.9789	4.03
38.5	25,906,790	504,429	0.0195	0.9805	3.94

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

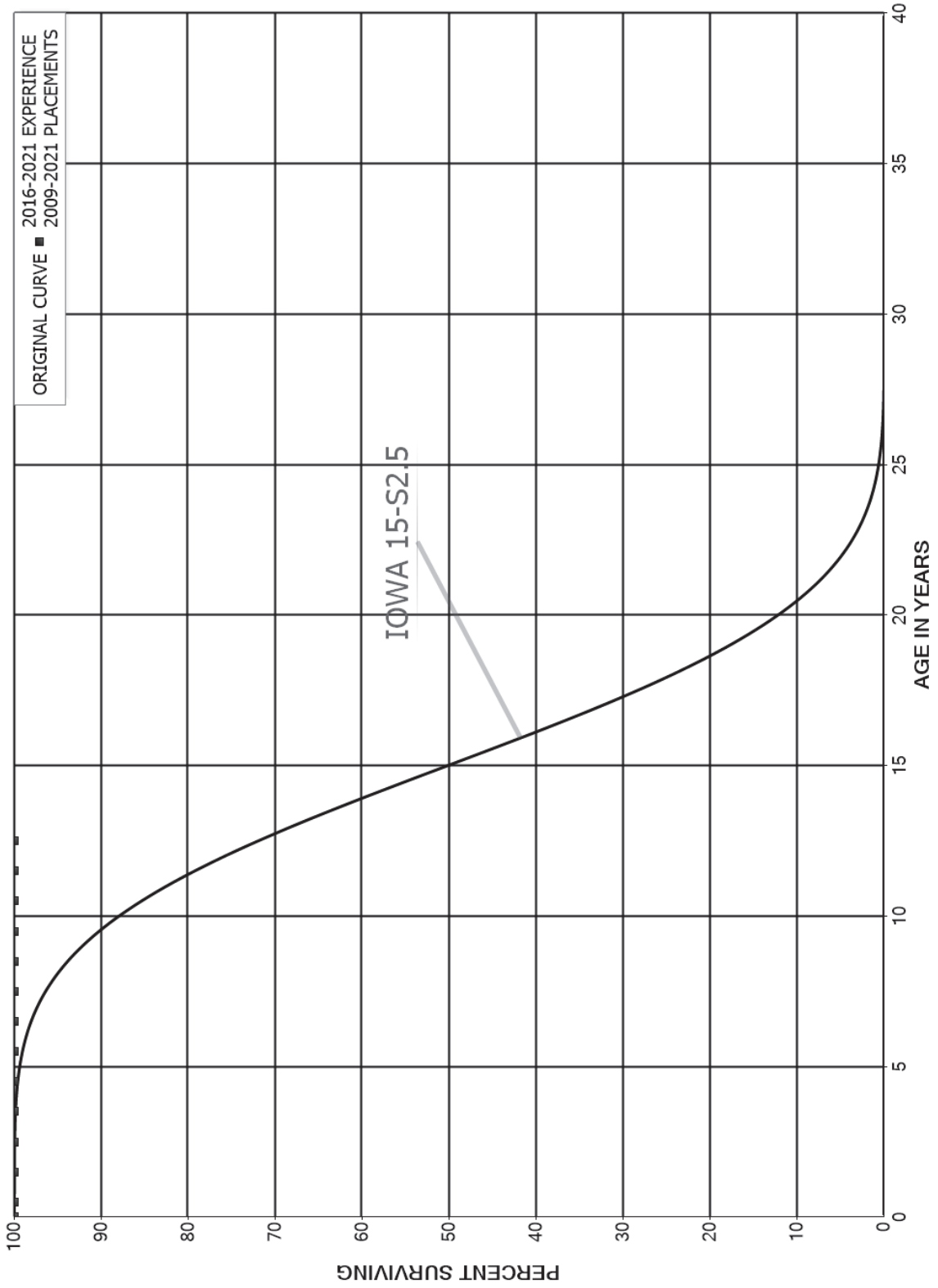
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	23,722,932	635,404	0.0268	0.9732	3.87
40.5	21,292,736	652,081	0.0306	0.9694	3.76
41.5	26,665,954	2,240,471	0.0840	0.9160	3.65
42.5	22,451,411	847,488	0.0377	0.9623	3.34
43.5	20,061,000	1,810,368	0.0902	0.9098	3.22
44.5	16,901,176	381,895	0.0226	0.9774	2.93
45.5	15,126,116	136,388	0.0090	0.9910	2.86
46.5	14,701,976	483,313	0.0329	0.9671	2.83
47.5	12,350,513	360,911	0.0292	0.9708	2.74
48.5	10,994,419	1,458,027	0.1326	0.8674	2.66
49.5	8,684,315	140,324	0.0162	0.9838	2.31
50.5	7,800,650	143,580	0.0184	0.9816	2.27
51.5	6,893,277	105,546	0.0153	0.9847	2.23
52.5	6,221,391	79,226	0.0127	0.9873	2.19
53.5	5,728,349	90,586	0.0158	0.9842	2.17
54.5	5,188,347	81,735	0.0158	0.9842	2.13
55.5	4,704,031	56,695	0.0121	0.9879	2.10
56.5	4,344,140	93,899	0.0216	0.9784	2.07
57.5	3,934,520	59,052	0.0150	0.9850	2.03
58.5	3,547,445	57,551	0.0162	0.9838	2.00
59.5	3,173,091	44,691	0.0141	0.9859	1.97
60.5	2,881,795	438,956	0.1523	0.8477	1.94
61.5	2,043		0.0000	1.0000	1.64
62.5	2,043		0.0000	1.0000	1.64
63.5	2,043		0.0000	1.0000	1.64
64.5	2,002		0.0000	1.0000	1.64
65.5	691		0.0000	1.0000	1.64
66.5	691		0.0000	1.0000	1.64
67.5					1.64

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 370.02 METERS - UTILITY OF THE FUTURE
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.02 METERS - UTILITY OF THE FUTURE

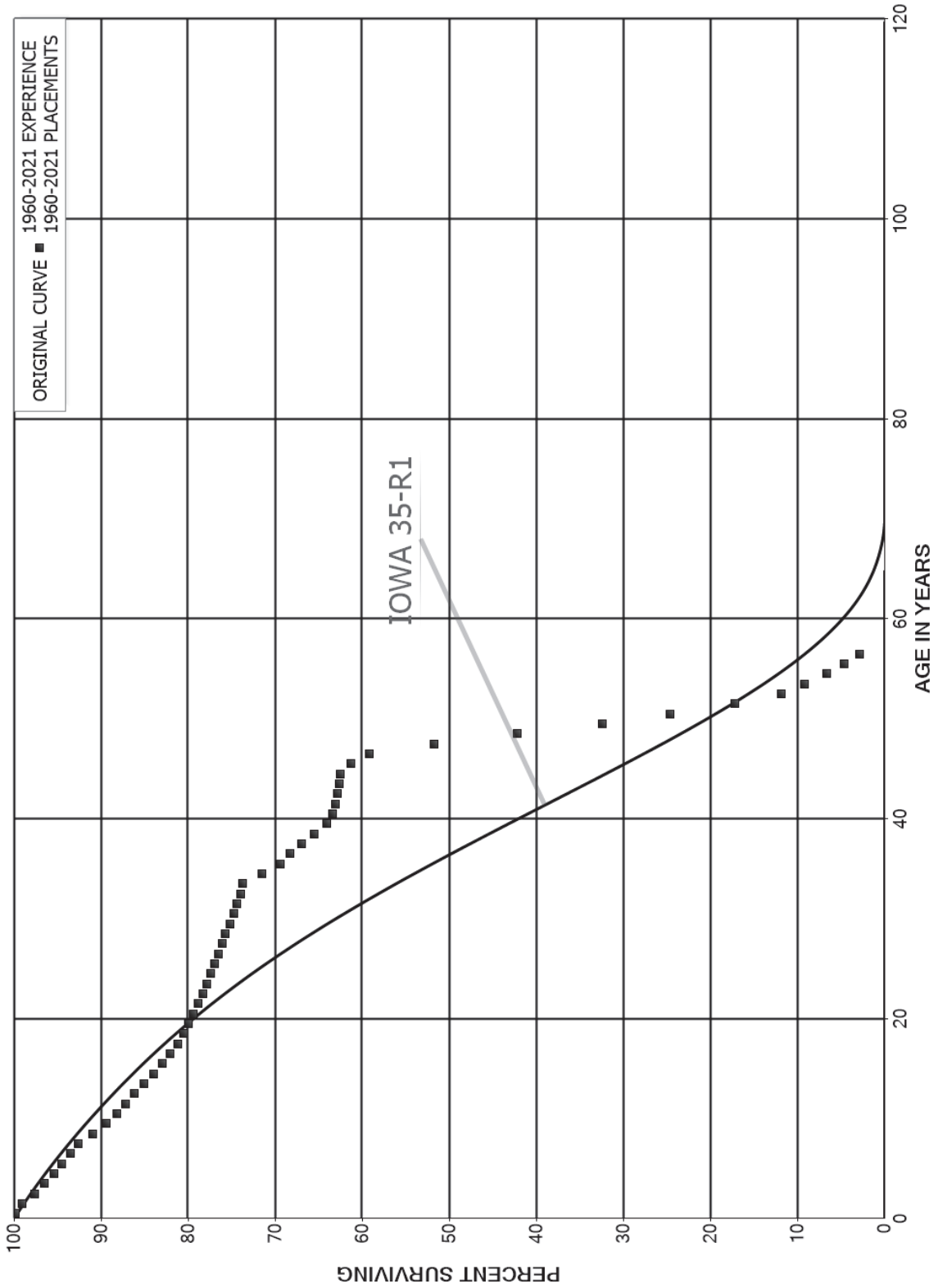
ORIGINAL LIFE TABLE

PLACEMENT BAND 2009-2021 EXPERIENCE BAND 2016-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	389,978,038		0.0000	1.0000	100.00
0.5	397,192,176		0.0000	1.0000	100.00
1.5	485,941,933		0.0000	1.0000	100.00
2.5	240,584,444		0.0000	1.0000	100.00
3.5	202,610,418		0.0000	1.0000	100.00
4.5	85,328,506		0.0000	1.0000	100.00
5.5	2,919,711		0.0000	1.0000	100.00
6.5	4,157,038		0.0000	1.0000	100.00
7.5	12,066,634		0.0000	1.0000	100.00
8.5	11,984,387		0.0000	1.0000	100.00
9.5	11,978,567		0.0000	1.0000	100.00
10.5	11,978,567		0.0000	1.0000	100.00
11.5	11,733,367		0.0000	1.0000	100.00
12.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,229,053,894	1,629,595	0.0013	0.9987	100.00
0.5	874,573,174	6,897,919	0.0079	0.9921	99.87
1.5	910,519,688	13,786,473	0.0151	0.9849	99.08
2.5	886,413,075	10,096,032	0.0114	0.9886	97.58
3.5	902,046,428	9,961,906	0.0110	0.9890	96.47
4.5	868,885,491	7,832,329	0.0090	0.9910	95.40
5.5	808,697,223	8,826,322	0.0109	0.9891	94.54
6.5	755,991,944	7,178,847	0.0095	0.9905	93.51
7.5	712,362,876	12,488,224	0.0175	0.9825	92.62
8.5	671,780,796	12,137,839	0.0181	0.9819	91.00
9.5	630,323,087	8,038,775	0.0128	0.9872	89.36
10.5	584,057,921	6,548,908	0.0112	0.9888	88.22
11.5	560,109,105	6,880,394	0.0123	0.9877	87.23
12.5	525,703,871	6,893,761	0.0131	0.9869	86.15
13.5	476,670,095	5,771,935	0.0121	0.9879	85.03
14.5	430,649,068	5,489,014	0.0127	0.9873	84.00
15.5	391,145,713	3,993,276	0.0102	0.9898	82.92
16.5	361,071,252	3,983,744	0.0110	0.9890	82.08
17.5	318,878,606	2,687,263	0.0084	0.9916	81.17
18.5	293,940,916	2,020,134	0.0069	0.9931	80.49
19.5	266,810,331	1,851,910	0.0069	0.9931	79.94
20.5	248,432,717	1,869,960	0.0075	0.9925	79.38
21.5	221,384,926	1,390,667	0.0063	0.9937	78.78
22.5	200,492,748	1,239,057	0.0062	0.9938	78.29
23.5	179,519,580	914,444	0.0051	0.9949	77.80
24.5	160,983,744	910,083	0.0057	0.9943	77.41
25.5	147,309,876	927,087	0.0063	0.9937	76.97
26.5	133,888,016	703,874	0.0053	0.9947	76.49
27.5	121,250,395	554,956	0.0046	0.9954	76.08
28.5	106,475,851	816,819	0.0077	0.9923	75.74
29.5	94,851,236	586,154	0.0062	0.9938	75.15
30.5	78,924,855	333,315	0.0042	0.9958	74.69
31.5	65,960,301	325,905	0.0049	0.9951	74.37
32.5	57,584,199	219,870	0.0038	0.9962	74.01
33.5	48,615,919	1,466,424	0.0302	0.9698	73.72
34.5	40,312,804	1,215,330	0.0301	0.9699	71.50
35.5	34,239,994	535,820	0.0156	0.9844	69.35
36.5	29,465,719	584,683	0.0198	0.9802	68.26
37.5	25,412,033	526,368	0.0207	0.9793	66.91
38.5	23,759,093	546,116	0.0230	0.9770	65.52

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

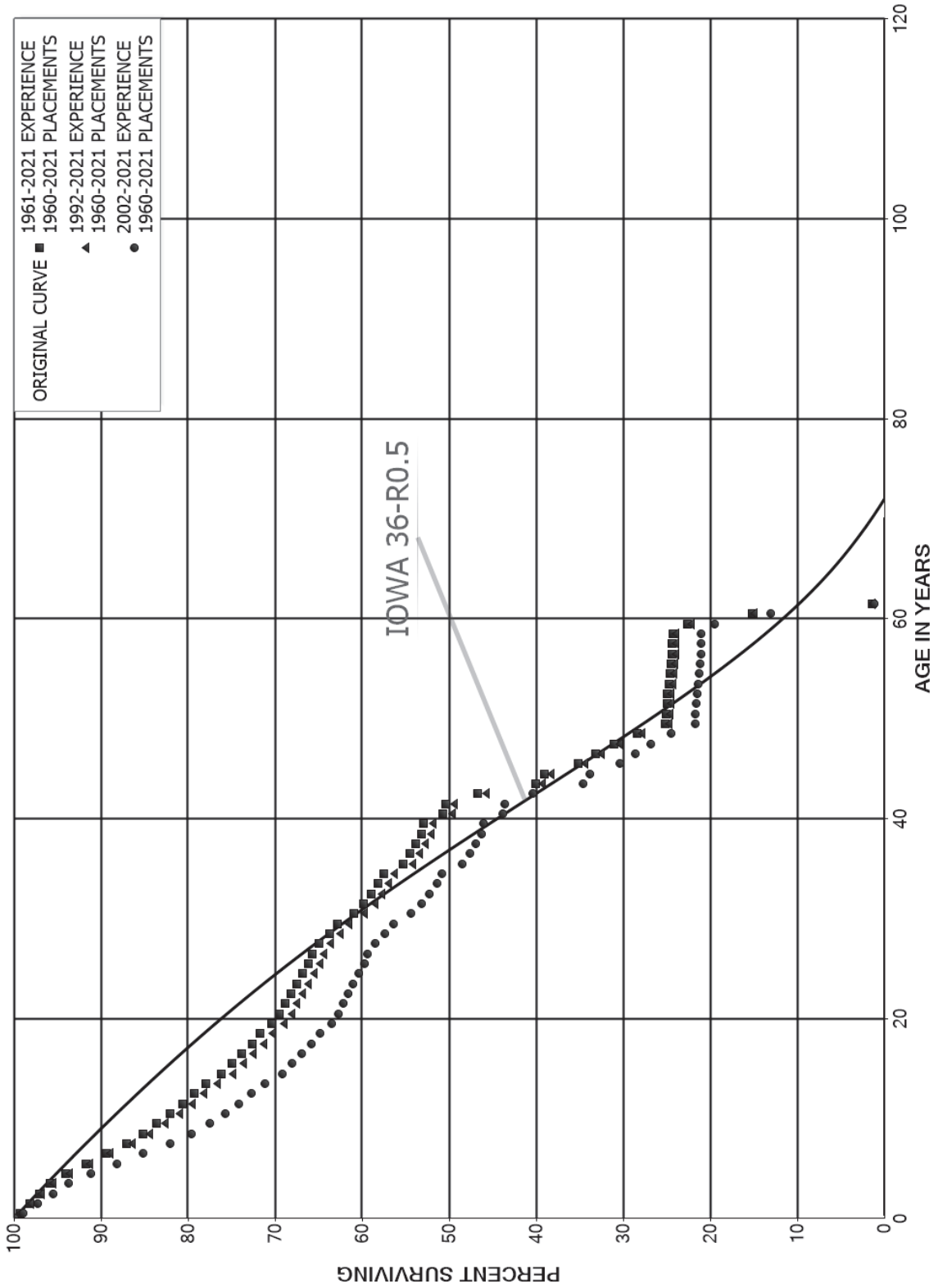
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	21,521,858	221,876	0.0103	0.9897	64.01
40.5	19,460,380	92,640	0.0048	0.9952	63.35
41.5	18,756,763	75,239	0.0040	0.9960	63.05
42.5	17,676,094	36,990	0.0021	0.9979	62.80
43.5	16,936,270	41,676	0.0025	0.9975	62.67
44.5	16,014,166	328,042	0.0205	0.9795	62.51
45.5	14,896,980	491,120	0.0330	0.9670	61.23
46.5	14,369,021	1,820,881	0.1267	0.8733	59.21
47.5	11,418,470	2,115,383	0.1853	0.8147	51.71
48.5	9,636,576	2,232,673	0.2317	0.7683	42.13
49.5	7,403,903	1,762,325	0.2380	0.7620	32.37
50.5	5,641,578	1,709,268	0.3030	0.6970	24.66
51.5	3,582,953	1,119,226	0.3124	0.6876	17.19
52.5	2,463,728	553,977	0.2249	0.7751	11.82
53.5	1,909,751	529,166	0.2771	0.7229	9.16
54.5	1,380,585	417,696	0.3026	0.6974	6.62
55.5	1,003,108	383,014	0.3818	0.6182	4.62
56.5	620,094	285,927	0.4611	0.5389	2.86
57.5	293,947	150,691	0.5126	0.4874	1.54
58.5	143,256	90,783	0.6337	0.3663	0.75
59.5	52,473	51,093	0.9737	0.0263	0.27
60.5	1,380	1,380	1.0000		0.01
61.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1961-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	466,396,592	3,301,257	0.0071	0.9929	100.00
0.5	329,666,446	3,641,235	0.0110	0.9890	99.29
1.5	310,259,652	3,658,255	0.0118	0.9882	98.20
2.5	304,998,436	3,762,414	0.0123	0.9877	97.04
3.5	299,568,880	5,631,761	0.0188	0.9812	95.84
4.5	279,919,029	6,765,149	0.0242	0.9758	94.04
5.5	262,593,764	6,879,909	0.0262	0.9738	91.77
6.5	246,005,972	6,272,266	0.0255	0.9745	89.36
7.5	232,531,598	5,005,927	0.0215	0.9785	87.08
8.5	220,950,715	4,140,869	0.0187	0.9813	85.21
9.5	210,361,129	3,996,791	0.0190	0.9810	83.61
10.5	194,240,383	3,215,759	0.0166	0.9834	82.02
11.5	190,234,689	3,137,331	0.0165	0.9835	80.67
12.5	182,235,734	3,277,988	0.0180	0.9820	79.33
13.5	171,828,461	3,918,354	0.0228	0.9772	77.91
14.5	160,977,261	2,422,294	0.0150	0.9850	76.13
15.5	152,352,207	2,333,397	0.0153	0.9847	74.99
16.5	144,735,429	2,290,521	0.0158	0.9842	73.84
17.5	135,806,754	1,777,209	0.0131	0.9869	72.67
18.5	130,810,771	2,472,965	0.0189	0.9811	71.72
19.5	123,352,765	1,470,701	0.0119	0.9881	70.36
20.5	117,258,166	1,197,333	0.0102	0.9898	69.52
21.5	109,347,351	972,760	0.0089	0.9911	68.81
22.5	103,703,235	1,013,360	0.0098	0.9902	68.20
23.5	95,526,486	1,046,933	0.0110	0.9890	67.53
24.5	87,831,449	809,925	0.0092	0.9908	66.79
25.5	80,120,222	487,158	0.0061	0.9939	66.18
26.5	74,290,233	917,119	0.0123	0.9877	65.78
27.5	68,311,807	1,265,623	0.0185	0.9815	64.96
28.5	61,682,614	911,855	0.0148	0.9852	63.76
29.5	54,656,517	1,621,766	0.0297	0.9703	62.82
30.5	44,682,573	847,352	0.0190	0.9810	60.95
31.5	37,736,109	515,303	0.0137	0.9863	59.80
32.5	33,585,098	476,648	0.0142	0.9858	58.98
33.5	29,792,971	322,455	0.0108	0.9892	58.14
34.5	27,143,640	1,028,625	0.0379	0.9621	57.52
35.5	22,206,534	311,878	0.0140	0.9860	55.34
36.5	19,989,001	249,844	0.0125	0.9875	54.56
37.5	17,997,186	238,797	0.0133	0.9867	53.88
38.5	16,351,793	53,778	0.0033	0.9967	53.16

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1961-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	14,502,971	621,559	0.0429	0.9571	52.99
40.5	12,978,549	71,260	0.0055	0.9945	50.72
41.5	12,078,005	892,839	0.0739	0.9261	50.44
42.5	10,720,048	1,528,062	0.1425	0.8575	46.71
43.5	8,863,121	210,029	0.0237	0.9763	40.05
44.5	8,007,298	814,941	0.1018	0.8982	39.10
45.5	6,843,997	381,394	0.0557	0.9443	35.12
46.5	6,172,403	399,876	0.0648	0.9352	33.16
47.5	5,200,395	443,552	0.0853	0.9147	31.02
48.5	4,412,516	497,761	0.1128	0.8872	28.37
49.5	3,764,162	8,676	0.0023	0.9977	25.17
50.5	3,583,490	17,369	0.0048	0.9952	25.11
51.5	3,396,628	10,711	0.0032	0.9968	24.99
52.5	1,533,623	8,801	0.0057	0.9943	24.91
53.5	1,435,033	10,197	0.0071	0.9929	24.77
54.5	1,190,153	4,759	0.0040	0.9960	24.59
55.5	841,130	2,393	0.0028	0.9972	24.49
56.5	733,029	1,576	0.0021	0.9979	24.43
57.5	615,820	842	0.0014	0.9986	24.37
58.5	540,456	38,912	0.0720	0.9280	24.34
59.5	391,353	128,564	0.3285	0.6715	22.59
60.5	57,027	51,888	0.9099	0.0901	15.17
61.5					1.37

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	395,517,676	3,294,638	0.0083	0.9917	100.00
0.5	265,455,266	3,224,960	0.0121	0.9879	99.17
1.5	255,841,989	3,328,557	0.0130	0.9870	97.96
2.5	256,545,803	3,468,200	0.0135	0.9865	96.69
3.5	256,046,952	5,177,200	0.0202	0.9798	95.38
4.5	239,458,705	5,974,802	0.0250	0.9750	93.45
5.5	227,265,861	5,738,232	0.0252	0.9748	91.12
6.5	214,375,187	6,097,603	0.0284	0.9716	88.82
7.5	203,045,733	4,845,222	0.0239	0.9761	86.29
8.5	193,235,190	3,972,206	0.0206	0.9794	84.23
9.5	185,403,590	3,804,886	0.0205	0.9795	82.50
10.5	171,374,610	2,996,640	0.0175	0.9825	80.81
11.5	169,454,319	2,911,423	0.0172	0.9828	79.40
12.5	163,696,658	3,116,019	0.0190	0.9810	78.03
13.5	154,665,210	3,783,577	0.0245	0.9755	76.55
14.5	145,033,968	2,269,616	0.0156	0.9844	74.67
15.5	137,261,402	2,167,842	0.0158	0.9842	73.51
16.5	130,326,376	2,192,393	0.0168	0.9832	72.34
17.5	123,040,569	1,635,090	0.0133	0.9867	71.13
18.5	118,824,783	2,361,064	0.0199	0.9801	70.18
19.5	111,879,864	1,356,876	0.0121	0.9879	68.79
20.5	106,454,042	903,418	0.0085	0.9915	67.95
21.5	99,064,226	927,727	0.0094	0.9906	67.38
22.5	96,112,822	991,433	0.0103	0.9897	66.75
23.5	88,104,605	952,412	0.0108	0.9892	66.06
24.5	81,560,566	789,330	0.0097	0.9903	65.34
25.5	75,687,760	470,451	0.0062	0.9938	64.71
26.5	70,096,059	875,112	0.0125	0.9875	64.31
27.5	64,888,901	1,150,919	0.0177	0.9823	63.51
28.5	58,746,201	898,669	0.0153	0.9847	62.38
29.5	52,454,663	1,562,314	0.0298	0.9702	61.43
30.5	43,208,754	843,177	0.0195	0.9805	59.60
31.5	37,736,109	515,303	0.0137	0.9863	58.43
32.5	33,585,098	476,648	0.0142	0.9858	57.64
33.5	29,792,971	322,455	0.0108	0.9892	56.82
34.5	27,143,640	1,028,625	0.0379	0.9621	56.20
35.5	22,206,534	311,878	0.0140	0.9860	54.07
36.5	19,989,001	249,844	0.0125	0.9875	53.31
37.5	17,997,186	238,797	0.0133	0.9867	52.65
38.5	16,351,793	53,778	0.0033	0.9967	51.95

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	14,502,971	621,559	0.0429	0.9571	51.78
40.5	12,978,549	71,260	0.0055	0.9945	49.56
41.5	12,078,005	892,839	0.0739	0.9261	49.29
42.5	10,720,048	1,528,062	0.1425	0.8575	45.64
43.5	8,863,121	210,029	0.0237	0.9763	39.14
44.5	8,007,298	814,941	0.1018	0.8982	38.21
45.5	6,843,997	381,394	0.0557	0.9443	34.32
46.5	6,172,403	399,876	0.0648	0.9352	32.41
47.5	5,200,395	443,552	0.0853	0.9147	30.31
48.5	4,412,516	497,761	0.1128	0.8872	27.72
49.5	3,764,162	8,676	0.0023	0.9977	24.60
50.5	3,583,490	17,369	0.0048	0.9952	24.54
51.5	3,396,628	10,711	0.0032	0.9968	24.42
52.5	1,533,623	8,801	0.0057	0.9943	24.34
53.5	1,435,033	10,197	0.0071	0.9929	24.20
54.5	1,190,153	4,759	0.0040	0.9960	24.03
55.5	841,130	2,393	0.0028	0.9972	23.94
56.5	733,029	1,576	0.0021	0.9979	23.87
57.5	615,820	842	0.0014	0.9986	23.82
58.5	540,456	38,912	0.0720	0.9280	23.78
59.5	391,353	128,564	0.3285	0.6715	22.07
60.5	57,027	51,888	0.9099	0.0901	14.82
61.5					1.34

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	312,191,127	3,223,177	0.0103	0.9897	100.00
0.5	177,799,055	2,962,231	0.0167	0.9833	98.97
1.5	170,759,197	3,152,211	0.0185	0.9815	97.32
2.5	174,177,433	3,211,624	0.0184	0.9816	95.52
3.5	180,907,136	4,991,689	0.0276	0.9724	93.76
4.5	173,414,595	5,764,350	0.0332	0.9668	91.17
5.5	167,652,108	5,571,925	0.0332	0.9668	88.14
6.5	161,032,074	5,890,065	0.0366	0.9634	85.21
7.5	155,737,667	4,724,897	0.0303	0.9697	82.10
8.5	150,311,896	3,874,695	0.0258	0.9742	79.61
9.5	146,572,412	3,551,670	0.0242	0.9758	77.55
10.5	139,880,898	2,796,572	0.0200	0.9800	75.67
11.5	142,847,180	2,797,499	0.0196	0.9804	74.16
12.5	139,088,102	2,960,921	0.0213	0.9787	72.71
13.5	132,552,319	3,673,900	0.0277	0.9723	71.16
14.5	124,499,056	2,058,073	0.0165	0.9835	69.19
15.5	120,526,034	1,916,139	0.0159	0.9841	68.05
16.5	115,410,378	1,991,347	0.0173	0.9827	66.96
17.5	108,696,559	1,546,805	0.0142	0.9858	65.81
18.5	105,500,994	2,266,922	0.0215	0.9785	64.87
19.5	100,735,935	1,248,212	0.0124	0.9876	63.48
20.5	96,629,531	818,596	0.0085	0.9915	62.69
21.5	90,626,986	771,924	0.0085	0.9915	62.16
22.5	87,001,797	875,451	0.0101	0.9899	61.63
23.5	79,987,555	865,626	0.0108	0.9892	61.01
24.5	73,505,694	758,680	0.0103	0.9897	60.35
25.5	66,488,390	427,267	0.0064	0.9936	59.73
26.5	61,182,910	836,004	0.0137	0.9863	59.34
27.5	56,908,769	1,115,823	0.0196	0.9804	58.53
28.5	51,040,698	886,066	0.0174	0.9826	57.39
29.5	44,623,519	1,543,247	0.0346	0.9654	56.39
30.5	35,072,367	833,537	0.0238	0.9762	54.44
31.5	28,325,193	486,268	0.0172	0.9828	53.15
32.5	26,818,638	402,248	0.0150	0.9850	52.23
33.5	23,235,867	272,666	0.0117	0.9883	51.45
34.5	21,686,441	1,018,421	0.0470	0.9530	50.85
35.5	18,562,102	303,868	0.0164	0.9836	48.46
36.5	16,543,003	245,618	0.0148	0.9852	47.66
37.5	15,159,810	222,268	0.0147	0.9853	46.96
38.5	13,899,339	51,851	0.0037	0.9963	46.27

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

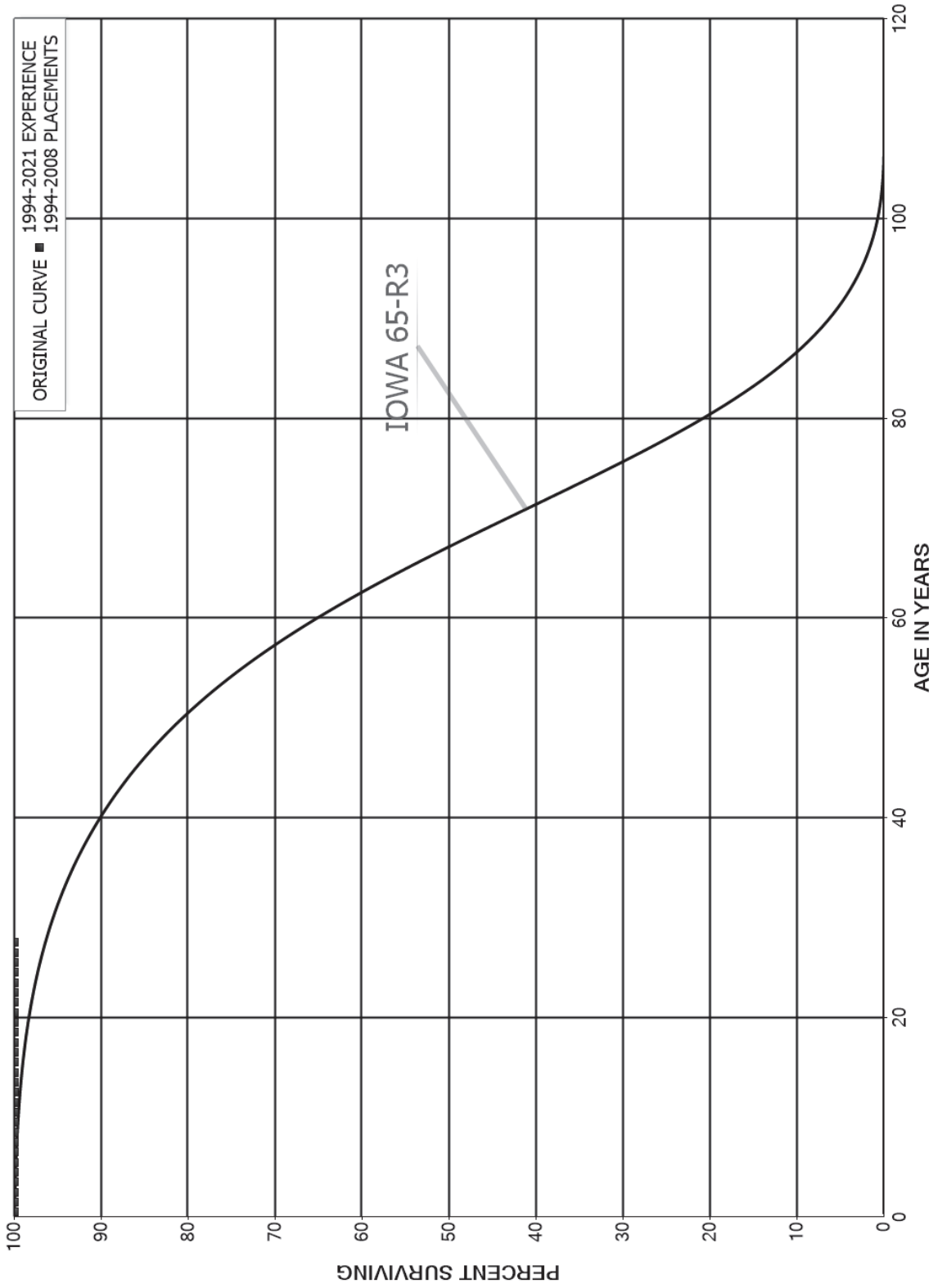
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1960-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	12,524,298	619,123	0.0494	0.9506	46.10
40.5	11,662,179	62,295	0.0053	0.9947	43.82
41.5	12,078,005	892,839	0.0739	0.9261	43.58
42.5	10,720,048	1,528,062	0.1425	0.8575	40.36
43.5	8,863,121	210,029	0.0237	0.9763	34.61
44.5	8,007,298	814,941	0.1018	0.8982	33.79
45.5	6,843,997	381,394	0.0557	0.9443	30.35
46.5	6,172,403	399,876	0.0648	0.9352	28.66
47.5	5,200,395	443,552	0.0853	0.9147	26.80
48.5	4,412,516	497,761	0.1128	0.8872	24.52
49.5	3,764,162	8,676	0.0023	0.9977	21.75
50.5	3,583,490	17,369	0.0048	0.9952	21.70
51.5	3,396,628	10,711	0.0032	0.9968	21.59
52.5	1,533,623	8,801	0.0057	0.9943	21.53
53.5	1,435,033	10,197	0.0071	0.9929	21.40
54.5	1,190,153	4,759	0.0040	0.9960	21.25
55.5	841,130	2,393	0.0028	0.9972	21.17
56.5	733,029	1,576	0.0021	0.9979	21.11
57.5	615,820	842	0.0014	0.9986	21.06
58.5	540,456	38,912	0.0720	0.9280	21.03
59.5	391,353	128,564	0.3285	0.6715	19.52
60.5	57,027	51,888	0.9099	0.0901	13.11
61.5					1.18

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNTS 389.00 AND 389.20 RIGHTS OF WAY AND LAND RIGHTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 389.00 AND 389.20 RIGHTS OF WAY AND LAND RIGHTS

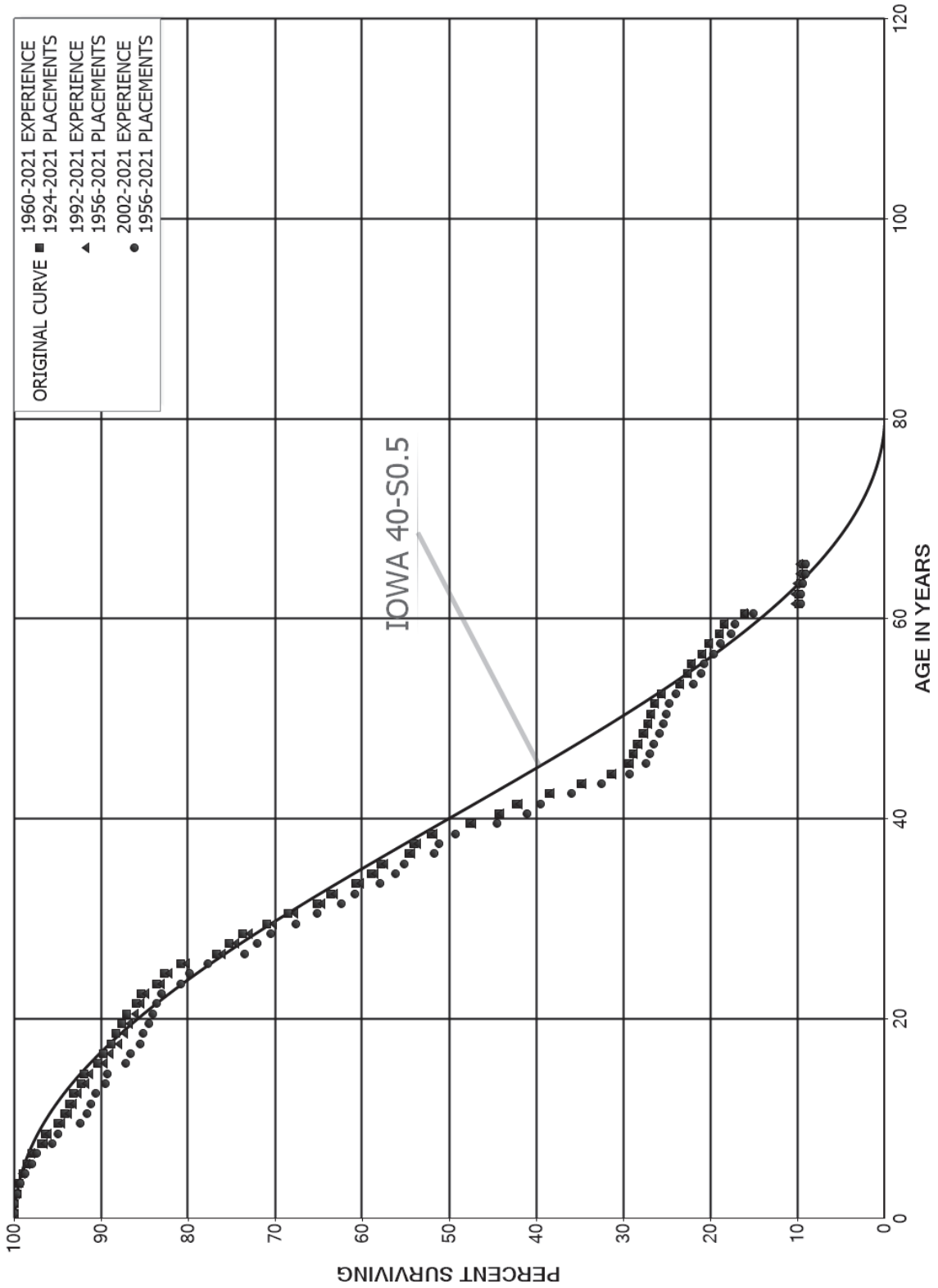
ORIGINAL LIFE TABLE

PLACEMENT BAND 1994-2008 EXPERIENCE BAND 1994-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	550,292		0.0000	1.0000	100.00
0.5	550,292		0.0000	1.0000	100.00
1.5	550,292		0.0000	1.0000	100.00
2.5	550,292		0.0000	1.0000	100.00
3.5	550,292		0.0000	1.0000	100.00
4.5	550,292		0.0000	1.0000	100.00
5.5	550,292		0.0000	1.0000	100.00
6.5	550,292		0.0000	1.0000	100.00
7.5	550,292		0.0000	1.0000	100.00
8.5	550,292		0.0000	1.0000	100.00
9.5	550,292		0.0000	1.0000	100.00
10.5	551,552		0.0000	1.0000	100.00
11.5	551,552		0.0000	1.0000	100.00
12.5	550,292		0.0000	1.0000	100.00
13.5	550,291		0.0000	1.0000	100.00
14.5	550,291		0.0000	1.0000	100.00
15.5	550,291		0.0000	1.0000	100.00
16.5	550,291		0.0000	1.0000	100.00
17.5	550,220		0.0000	1.0000	100.00
18.5	550,220		0.0000	1.0000	100.00
19.5	550,220		0.0000	1.0000	100.00
20.5	550,220		0.0000	1.0000	100.00
21.5	550,220		0.0000	1.0000	100.00
22.5	548,960		0.0000	1.0000	100.00
23.5	548,960		0.0000	1.0000	100.00
24.5	546,636		0.0000	1.0000	100.00
25.5	165		0.0000	1.0000	100.00
26.5	165		0.0000	1.0000	100.00
27.5					100.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	1,028,283,424	38,334	0.0000	1.0000	100.00
0.5	987,763,070	810,553	0.0008	0.9992	100.00
1.5	948,130,976	2,364,891	0.0025	0.9975	99.91
2.5	877,107,672	1,999,079	0.0023	0.9977	99.67
3.5	802,623,003	3,539,993	0.0044	0.9956	99.44
4.5	645,613,938	3,061,165	0.0047	0.9953	99.00
5.5	594,165,962	3,150,648	0.0053	0.9947	98.53
6.5	567,743,731	7,017,819	0.0124	0.9876	98.01
7.5	532,881,383	2,332,041	0.0044	0.9956	96.80
8.5	510,920,342	7,566,755	0.0148	0.9852	96.37
9.5	482,552,445	3,852,551	0.0080	0.9920	94.95
10.5	417,954,174	2,507,688	0.0060	0.9940	94.19
11.5	403,705,973	2,154,256	0.0053	0.9947	93.62
12.5	386,033,747	3,512,782	0.0091	0.9909	93.12
13.5	359,410,605	1,498,757	0.0042	0.9958	92.27
14.5	337,626,385	5,431,913	0.0161	0.9839	91.89
15.5	316,262,313	2,268,059	0.0072	0.9928	90.41
16.5	302,907,930	3,235,719	0.0107	0.9893	89.76
17.5	289,550,944	1,872,811	0.0065	0.9935	88.80
18.5	288,174,455	1,902,615	0.0066	0.9934	88.23
19.5	280,241,718	2,012,701	0.0072	0.9928	87.65
20.5	276,047,990	3,511,806	0.0127	0.9873	87.02
21.5	266,875,981	1,645,533	0.0062	0.9938	85.91
22.5	261,829,771	5,566,036	0.0213	0.9787	85.38
23.5	254,088,446	2,470,314	0.0097	0.9903	83.57
24.5	246,368,593	5,752,310	0.0233	0.9767	82.75
25.5	225,973,835	11,303,927	0.0500	0.9500	80.82
26.5	211,984,724	4,183,573	0.0197	0.9803	76.78
27.5	187,424,399	3,950,259	0.0211	0.9789	75.26
28.5	182,282,923	6,639,316	0.0364	0.9636	73.68
29.5	170,212,144	6,003,007	0.0353	0.9647	70.99
30.5	139,787,309	6,801,822	0.0487	0.9513	68.49
31.5	130,241,579	3,011,200	0.0231	0.9769	65.16
32.5	108,366,524	5,051,255	0.0466	0.9534	63.65
33.5	94,162,535	2,704,359	0.0287	0.9713	60.68
34.5	68,619,802	1,279,746	0.0186	0.9814	58.94
35.5	62,849,490	3,473,518	0.0553	0.9447	57.84
36.5	49,215,695	552,362	0.0112	0.9888	54.65
37.5	48,193,193	1,708,845	0.0355	0.9645	54.03
38.5	45,714,096	3,917,903	0.0857	0.9143	52.12

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2021 EXPERIENCE BAND 1960-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	41,016,286	2,866,563	0.0699	0.9301	47.65
40.5	33,965,765	1,586,039	0.0467	0.9533	44.32
41.5	27,839,333	2,456,268	0.0882	0.9118	42.25
42.5	24,469,314	2,336,064	0.0955	0.9045	38.52
43.5	21,704,686	2,157,570	0.0994	0.9006	34.84
44.5	6,634,410	430,788	0.0649	0.9351	31.38
45.5	6,187,296	97,457	0.0158	0.9842	29.34
46.5	2,450,504	42,213	0.0172	0.9828	28.88
47.5	2,355,814	57,160	0.0243	0.9757	28.38
48.5	2,036,212	37,096	0.0182	0.9818	27.69
49.5	1,892,559	23,935	0.0126	0.9874	27.19
50.5	1,538,575	24,542	0.0160	0.9840	26.85
51.5	1,481,937	46,597	0.0314	0.9686	26.42
52.5	987,440	80,582	0.0816	0.9184	25.59
53.5	827,710	33,010	0.0399	0.9601	23.50
54.5	782,409	12,001	0.0153	0.9847	22.56
55.5	751,654	42,578	0.0566	0.9434	22.22
56.5	708,596	27,105	0.0383	0.9617	20.96
57.5	681,491	42,290	0.0621	0.9379	20.16
58.5	567,335	16,447	0.0290	0.9710	18.91
59.5	213,137	26,330	0.1235	0.8765	18.36
60.5	186,807	72,069	0.3858	0.6142	16.09
61.5	7,632	15	0.0020	0.9980	9.88
62.5	7,617	154	0.0202	0.9798	9.86
63.5	6,080	222	0.0364	0.9636	9.66
64.5	5,858		0.0000	1.0000	9.31
65.5					9.31

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1956-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	709,152,474		0.0000	1.0000	100.00
0.5	704,756,049	214,385	0.0003	0.9997	100.00
1.5	678,240,045	2,221,590	0.0033	0.9967	99.97
2.5	684,086,913	1,742,629	0.0025	0.9975	99.64
3.5	622,275,128	2,943,072	0.0047	0.9953	99.39
4.5	505,230,683	2,728,199	0.0054	0.9946	98.92
5.5	465,180,643	2,544,002	0.0055	0.9945	98.38
6.5	459,553,448	6,569,959	0.0143	0.9857	97.85
7.5	435,821,330	2,052,018	0.0047	0.9953	96.45
8.5	418,714,832	7,129,945	0.0170	0.9830	95.99
9.5	395,171,308	2,892,789	0.0073	0.9927	94.36
10.5	339,982,352	2,261,417	0.0067	0.9933	93.67
11.5	334,180,387	1,964,381	0.0059	0.9941	93.04
12.5	322,542,956	3,200,809	0.0099	0.9901	92.50
13.5	300,507,710	1,402,391	0.0047	0.9953	91.58
14.5	301,123,757	5,405,050	0.0179	0.9821	91.15
15.5	282,635,614	2,188,014	0.0077	0.9923	89.52
16.5	274,380,622	3,143,032	0.0115	0.9885	88.82
17.5	263,167,208	1,744,435	0.0066	0.9934	87.81
18.5	260,764,700	1,832,384	0.0070	0.9930	87.22
19.5	258,165,268	1,937,355	0.0075	0.9925	86.61
20.5	254,846,683	1,937,574	0.0076	0.9924	85.96
21.5	250,962,483	1,561,174	0.0062	0.9938	85.31
22.5	248,869,651	5,486,132	0.0220	0.9780	84.78
23.5	242,278,689	2,442,982	0.0101	0.9899	82.91
24.5	234,912,117	5,742,967	0.0244	0.9756	82.07
25.5	215,037,994	11,084,163	0.0515	0.9485	80.07
26.5	201,873,532	4,071,111	0.0202	0.9798	75.94
27.5	178,462,507	3,874,202	0.0217	0.9783	74.41
28.5	174,447,873	6,522,142	0.0374	0.9626	72.79
29.5	163,132,422	5,741,869	0.0352	0.9648	70.07
30.5	133,671,396	6,061,247	0.0453	0.9547	67.60
31.5	130,231,317	3,011,200	0.0231	0.9769	64.54
32.5	108,356,262	5,051,255	0.0466	0.9534	63.05
33.5	94,153,694	2,704,359	0.0287	0.9713	60.11
34.5	68,613,568	1,279,746	0.0187	0.9813	58.38
35.5	62,849,490	3,473,518	0.0553	0.9447	57.29
36.5	49,215,695	552,362	0.0112	0.9888	54.13
37.5	48,193,193	1,708,845	0.0355	0.9645	53.52
38.5	45,714,096	3,917,903	0.0857	0.9143	51.62

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1956-2021 EXPERIENCE BAND 1992-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	41,016,286	2,866,563	0.0699	0.9301	47.20
40.5	33,965,765	1,586,039	0.0467	0.9533	43.90
41.5	27,839,333	2,456,268	0.0882	0.9118	41.85
42.5	24,469,314	2,336,064	0.0955	0.9045	38.16
43.5	21,704,686	2,157,570	0.0994	0.9006	34.51
44.5	6,634,410	430,788	0.0649	0.9351	31.08
45.5	6,187,296	97,457	0.0158	0.9842	29.06
46.5	2,450,504	42,213	0.0172	0.9828	28.61
47.5	2,355,814	57,160	0.0243	0.9757	28.11
48.5	2,036,212	37,096	0.0182	0.9818	27.43
49.5	1,892,559	23,935	0.0126	0.9874	26.93
50.5	1,538,575	24,542	0.0160	0.9840	26.59
51.5	1,481,937	46,597	0.0314	0.9686	26.17
52.5	987,440	80,582	0.0816	0.9184	25.34
53.5	827,710	33,010	0.0399	0.9601	23.28
54.5	782,409	12,001	0.0153	0.9847	22.35
55.5	751,654	42,578	0.0566	0.9434	22.00
56.5	708,596	27,105	0.0383	0.9617	20.76
57.5	681,491	42,290	0.0621	0.9379	19.96
58.5	567,335	16,447	0.0290	0.9710	18.73
59.5	213,137	26,330	0.1235	0.8765	18.18
60.5	186,807	67,479	0.3612	0.6388	15.94
61.5	7,632	15	0.0020	0.9980	10.18
62.5	7,617	154	0.0202	0.9798	10.16
63.5	6,080	222	0.0364	0.9636	9.95
64.5	5,858		0.0000	1.0000	9.59
65.5					9.59

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1956-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	602,679,913		0.0000	1.0000	100.00
0.5	571,978,759	60,899	0.0001	0.9999	100.00
1.5	538,416,831	2,201,799	0.0041	0.9959	99.99
2.5	486,516,138	1,553,227	0.0032	0.9968	99.58
3.5	436,017,025	2,602,345	0.0060	0.9940	99.26
4.5	286,762,379	2,001,370	0.0070	0.9930	98.67
5.5	264,511,147	1,644,697	0.0062	0.9938	97.98
6.5	243,031,398	4,375,165	0.0180	0.9820	97.37
7.5	240,670,511	1,779,239	0.0074	0.9926	95.62
8.5	229,014,041	6,146,879	0.0268	0.9732	94.91
9.5	216,558,125	1,774,044	0.0082	0.9918	92.36
10.5	185,496,937	934,680	0.0050	0.9950	91.61
11.5	181,772,259	1,117,267	0.0061	0.9939	91.15
12.5	201,238,414	2,484,948	0.0123	0.9877	90.59
13.5	196,771,353	467,112	0.0024	0.9976	89.47
14.5	212,912,356	4,868,180	0.0229	0.9771	89.26
15.5	201,845,821	1,355,365	0.0067	0.9933	87.21
16.5	208,106,359	2,601,578	0.0125	0.9875	86.63
17.5	204,320,647	828,633	0.0041	0.9959	85.55
18.5	205,598,493	1,564,920	0.0076	0.9924	85.20
19.5	202,499,949	1,104,064	0.0055	0.9945	84.55
20.5	207,175,169	1,147,530	0.0055	0.9945	84.09
21.5	206,014,170	1,447,320	0.0070	0.9930	83.62
22.5	204,259,597	5,393,785	0.0264	0.9736	83.04
23.5	199,132,763	2,359,615	0.0118	0.9882	80.84
24.5	213,105,203	5,663,370	0.0266	0.9734	79.89
25.5	193,022,414	10,435,387	0.0541	0.9459	77.76
26.5	184,710,031	3,627,595	0.0196	0.9804	73.56
27.5	163,151,785	3,715,837	0.0228	0.9772	72.11
28.5	159,710,859	6,472,790	0.0405	0.9595	70.47
29.5	152,582,060	5,505,210	0.0361	0.9639	67.62
30.5	123,219,985	5,336,742	0.0433	0.9567	65.18
31.5	117,516,568	2,844,366	0.0242	0.9758	62.35
32.5	98,462,371	4,671,796	0.0474	0.9526	60.84
33.5	85,213,362	2,587,628	0.0304	0.9696	57.96
34.5	60,017,783	1,043,634	0.0174	0.9826	56.20
35.5	54,638,379	3,410,547	0.0624	0.9376	55.22
36.5	41,862,504	504,002	0.0120	0.9880	51.77
37.5	41,806,668	1,547,679	0.0370	0.9630	51.15
38.5	40,234,038	3,913,808	0.0973	0.9027	49.26

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

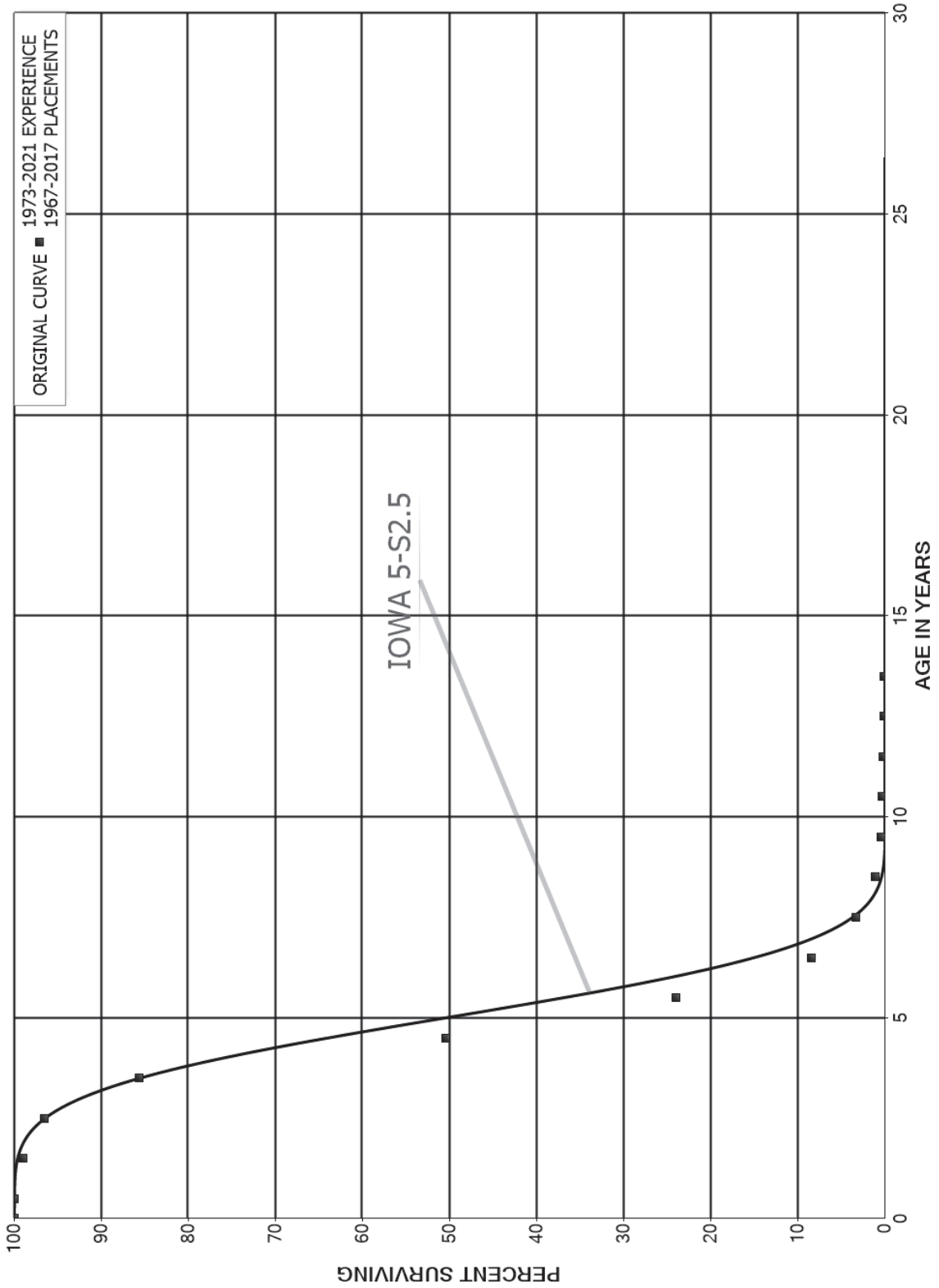
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1956-2021 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	36,036,162	2,719,088	0.0755	0.9245	44.46
40.5	29,556,516	1,183,036	0.0400	0.9600	41.11
41.5	27,831,678	2,456,268	0.0883	0.9117	39.46
42.5	24,461,659	2,336,064	0.0955	0.9045	35.98
43.5	21,698,452	2,157,570	0.0994	0.9006	32.55
44.5	6,628,176	430,788	0.0650	0.9350	29.31
45.5	6,187,296	97,457	0.0158	0.9842	27.40
46.5	2,450,504	42,213	0.0172	0.9828	26.97
47.5	2,355,814	57,160	0.0243	0.9757	26.51
48.5	2,036,212	37,096	0.0182	0.9818	25.86
49.5	1,892,559	23,935	0.0126	0.9874	25.39
50.5	1,538,575	24,542	0.0160	0.9840	25.07
51.5	1,481,937	46,597	0.0314	0.9686	24.67
52.5	987,440	80,582	0.0816	0.9184	23.90
53.5	827,710	33,010	0.0399	0.9601	21.95
54.5	782,409	12,001	0.0153	0.9847	21.07
55.5	751,654	42,578	0.0566	0.9434	20.75
56.5	708,596	27,105	0.0383	0.9617	19.57
57.5	681,491	42,290	0.0621	0.9379	18.82
58.5	567,335	16,447	0.0290	0.9710	17.66
59.5	213,137	26,330	0.1235	0.8765	17.14
60.5	186,807	67,479	0.3612	0.6388	15.03
61.5	7,632	15	0.0020	0.9980	9.60
62.5	7,617	154	0.0202	0.9798	9.58
63.5	6,080	222	0.0364	0.9636	9.39
64.5	5,858		0.0000	1.0000	9.04
65.5					9.04

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.10 TRANSPORTATION EQUIPMENT - PASSENGER CARS AND STATION WAGONS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.10 TRANSPORTATION EQUIPMENT - PASSENGER CARS AND STATION WAGONS

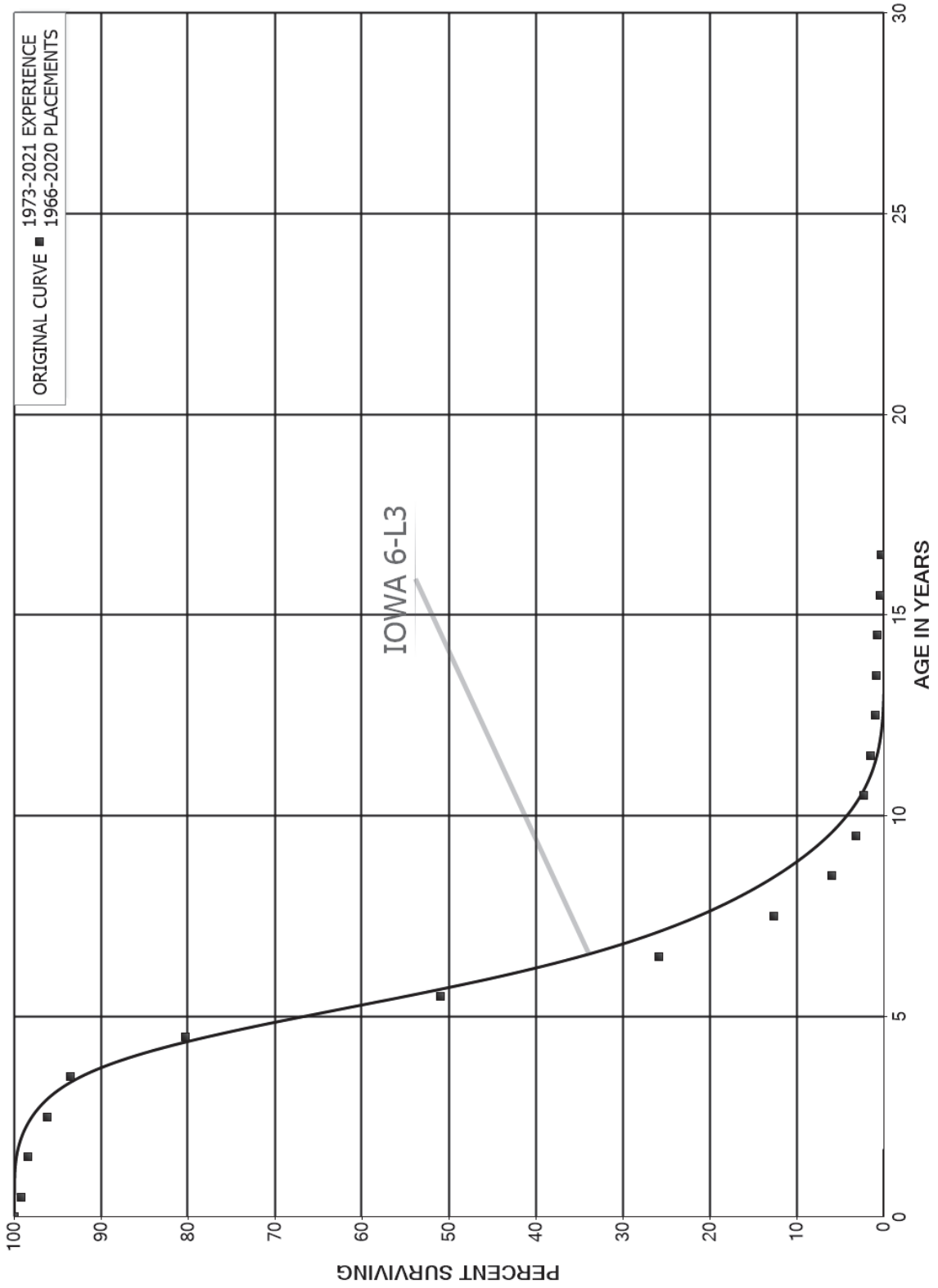
ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2017 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	24,838,807	24,116	0.0010	0.9990	100.00
0.5	24,822,782	239,487	0.0096	0.9904	99.90
1.5	24,620,206	611,926	0.0249	0.9751	98.94
2.5	23,983,036	2,706,006	0.1128	0.8872	96.48
3.5	21,594,630	8,890,638	0.4117	0.5883	85.59
4.5	12,636,165	6,624,792	0.5243	0.4757	50.35
5.5	6,016,477	3,910,037	0.6499	0.3501	23.96
6.5	2,099,941	1,268,745	0.6042	0.3958	8.39
7.5	946,516	643,446	0.6798	0.3202	3.32
8.5	361,966	211,072	0.5831	0.4169	1.06
9.5	171,469	59,825	0.3489	0.6511	0.44
10.5	119,843	35,323	0.2947	0.7053	0.29
11.5	60,581	36,323	0.5996	0.4004	0.20
12.5	21,145	13,088	0.6190	0.3810	0.08
13.5	15,329		0.0000	1.0000	0.03
14.5	19,155	3,826	0.1997	0.8003	0.03
15.5	15,329		0.0000	1.0000	0.02
16.5	15,329		0.0000	1.0000	0.02
17.5	15,329		0.0000	1.0000	0.02
18.5	15,329	7,272	0.4744	0.5256	0.02
19.5	8,057		0.0000	1.0000	0.01
20.5	8,057		0.0000	1.0000	0.01
21.5	8,057		0.0000	1.0000	0.01
22.5	8,057		0.0000	1.0000	0.01
23.5	8,057		0.0000	1.0000	0.01
24.5	8,057		0.0000	1.0000	0.01
25.5	8,057		0.0000	1.0000	0.01
26.5	1		0.0000	1.0000	0.01
27.5					0.01

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.11 TRANSPORTATION EQUIPMENT - LIGHT TRUCKS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.11 TRANSPORTATION EQUIPMENT - LIGHT TRUCKS

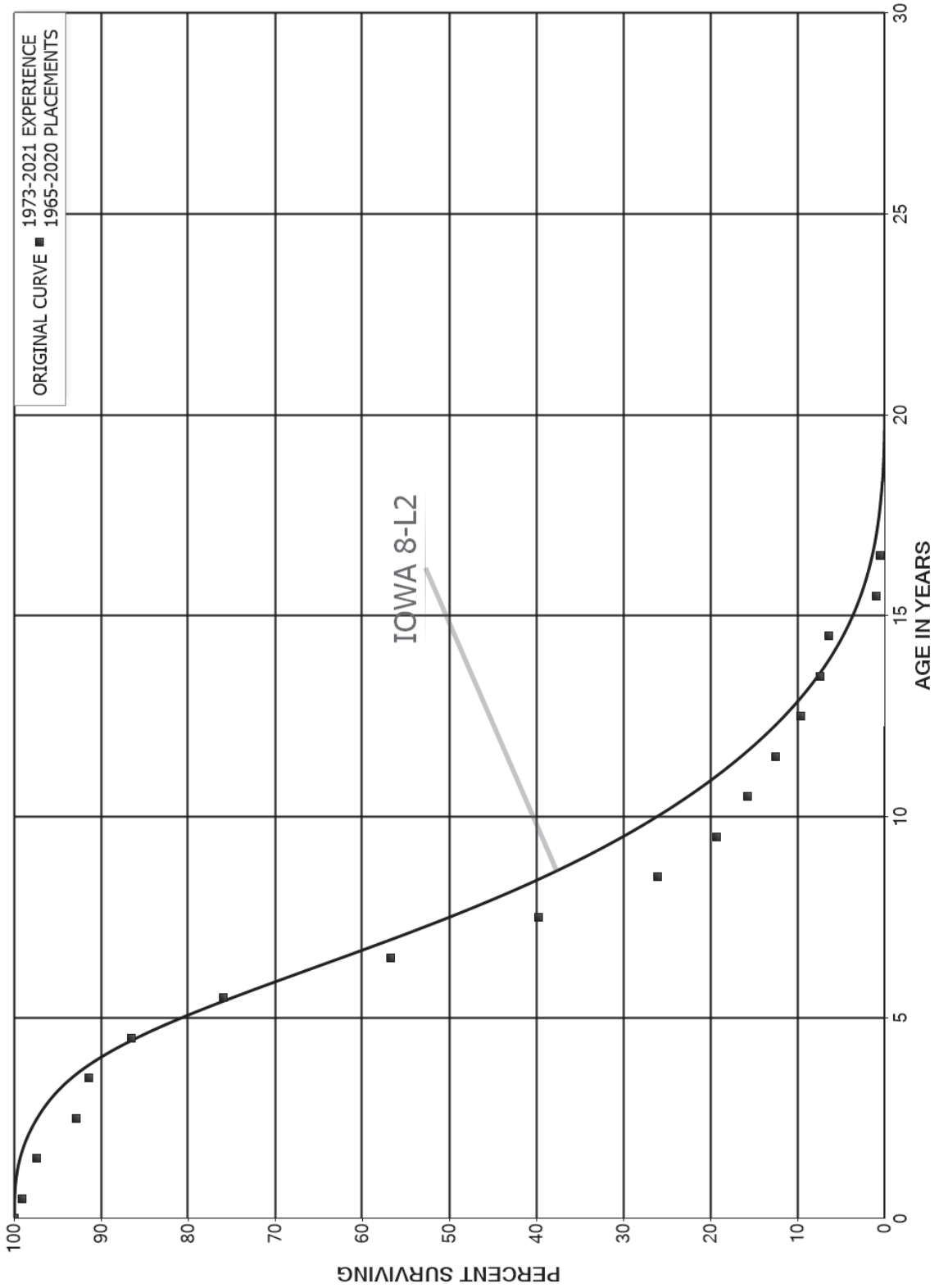
ORIGINAL LIFE TABLE

PLACEMENT BAND 1966-2020 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	61,411,713	488,576	0.0080	0.9920	100.00
0.5	60,861,295	490,679	0.0081	0.9919	99.20
1.5	60,016,229	1,340,428	0.0223	0.9777	98.40
2.5	58,676,482	1,627,550	0.0277	0.9723	96.21
3.5	57,398,059	8,109,531	0.1413	0.8587	93.54
4.5	47,294,116	17,280,995	0.3654	0.6346	80.32
5.5	30,027,865	14,839,970	0.4942	0.5058	50.97
6.5	15,183,462	7,772,253	0.5119	0.4881	25.78
7.5	7,440,410	3,935,070	0.5289	0.4711	12.58
8.5	3,672,522	1,685,108	0.4588	0.5412	5.93
9.5	2,043,557	604,638	0.2959	0.7041	3.21
10.5	1,515,135	477,725	0.3153	0.6847	2.26
11.5	1,053,021	390,567	0.3709	0.6291	1.55
12.5	659,690	120,790	0.1831	0.8169	0.97
13.5	538,900	67,076	0.1245	0.8755	0.79
14.5	471,657	222,139	0.4710	0.5290	0.70
15.5	245,576	75,430	0.3072	0.6928	0.37
16.5	23,737		0.0000	1.0000	0.26
17.5	17,314	3,069	0.1773	0.8227	0.26
18.5	8,168		0.0000	1.0000	0.21
19.5	8,168	2,210	0.2706	0.7294	0.21
20.5	5,958	2,643	0.4436	0.5564	0.15
21.5	1		0.0000	1.0000	0.09
22.5	1		0.0000	1.0000	0.09
23.5	1		0.0000	1.0000	0.09
24.5	1		0.0000	1.0000	0.09
25.5	1		0.0000	1.0000	0.09
26.5	1		0.0000	1.0000	0.09
27.5	1	1	1.0000		0.09
28.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.12 TRANSPORTATION EQUIPMENT - MEDIUM TRUCKS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.12 TRANSPORTATION EQUIPMENT - MEDIUM TRUCKS

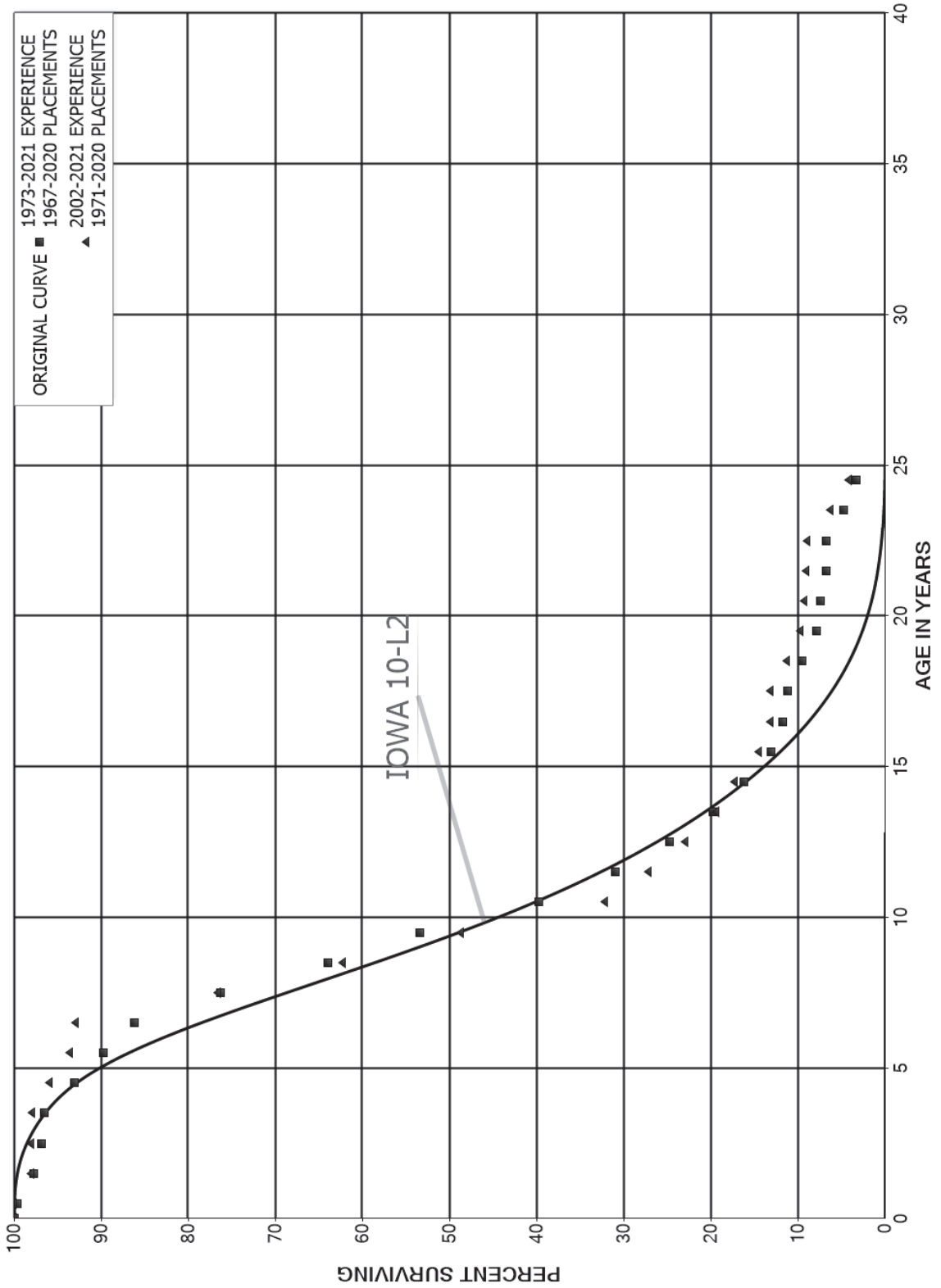
ORIGINAL LIFE TABLE

PLACEMENT BAND 1965-2020 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	14,639,398	138,743	0.0095	0.9905	100.00
0.5	14,226,868	231,066	0.0162	0.9838	99.05
1.5	13,801,954	646,232	0.0468	0.9532	97.44
2.5	13,241,862	214,848	0.0162	0.9838	92.88
3.5	13,199,341	702,898	0.0533	0.9467	91.37
4.5	12,020,342	1,474,194	0.1226	0.8774	86.51
5.5	10,559,653	2,670,611	0.2529	0.7471	75.90
6.5	7,843,914	2,352,770	0.2999	0.7001	56.70
7.5	5,560,147	1,911,567	0.3438	0.6562	39.70
8.5	3,696,761	966,718	0.2615	0.7385	26.05
9.5	2,752,417	510,132	0.1853	0.8147	19.24
10.5	2,253,720	462,438	0.2052	0.7948	15.67
11.5	1,857,281	427,502	0.2302	0.7698	12.46
12.5	1,429,845	332,467	0.2325	0.7675	9.59
13.5	1,100,295	149,190	0.1356	0.8644	7.36
14.5	970,002	821,173	0.8466	0.1534	6.36
15.5	169,551	80,407	0.4742	0.5258	0.98
16.5	93,461	15,804	0.1691	0.8309	0.51
17.5	67,821	36,664	0.5406	0.4594	0.43
18.5	31,157	7,715	0.2476	0.7524	0.20
19.5	23,442	3,248	0.1386	0.8614	0.15
20.5	20,194		0.0000	1.0000	0.13
21.5	20,194	1	0.0000	1.0000	0.13
22.5	20,193		0.0000	1.0000	0.13
23.5	20,193		0.0000	1.0000	0.13
24.5	20,193		0.0000	1.0000	0.13
25.5	20,193		0.0000	1.0000	0.13
26.5	20,193	20,193	1.0000		0.13
27.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.13 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.13 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1967-2020 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	12,667,886	49,893	0.0039	0.9961	100.00
0.5	12,690,323	235,037	0.0185	0.9815	99.61
1.5	12,348,266	111,147	0.0090	0.9910	97.76
2.5	12,256,682	44,107	0.0036	0.9964	96.88
3.5	11,999,371	432,028	0.0360	0.9640	96.53
4.5	11,338,771	407,648	0.0360	0.9640	93.06
5.5	11,032,301	431,449	0.0391	0.9609	89.71
6.5	10,626,556	1,228,365	0.1156	0.8844	86.20
7.5	9,484,726	1,523,672	0.1606	0.8394	76.24
8.5	8,157,153	1,347,367	0.1652	0.8348	63.99
9.5	6,916,988	1,768,709	0.2557	0.7443	53.42
10.5	5,264,828	1,166,260	0.2215	0.7785	39.76
11.5	4,163,415	838,569	0.2014	0.7986	30.95
12.5	3,326,603	671,147	0.2018	0.7982	24.72
13.5	2,668,437	473,684	0.1775	0.8225	19.73
14.5	2,214,556	436,208	0.1970	0.8030	16.23
15.5	1,766,245	182,067	0.1031	0.8969	13.03
16.5	1,584,178	68,020	0.0429	0.9571	11.69
17.5	1,516,158	228,437	0.1507	0.8493	11.19
18.5	1,287,721	219,481	0.1704	0.8296	9.50
19.5	1,068,240	64,959	0.0608	0.9392	7.88
20.5	1,003,281	85,206	0.0849	0.9151	7.40
21.5	612,934	7,084	0.0116	0.9884	6.77
22.5	245,976	73,271	0.2979	0.7021	6.70
23.5	113,338	34,797	0.3070	0.6930	4.70
24.5	78,541	30,176	0.3842	0.6158	3.26
25.5	48,365	33,798	0.6988	0.3012	2.01
26.5	14,567		0.0000	1.0000	0.60
27.5	14,567		0.0000	1.0000	0.60
28.5	14,567		0.0000	1.0000	0.60
29.5	14,567		0.0000	1.0000	0.60
30.5	14,567	14,567	1.0000		0.60
31.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.13 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS

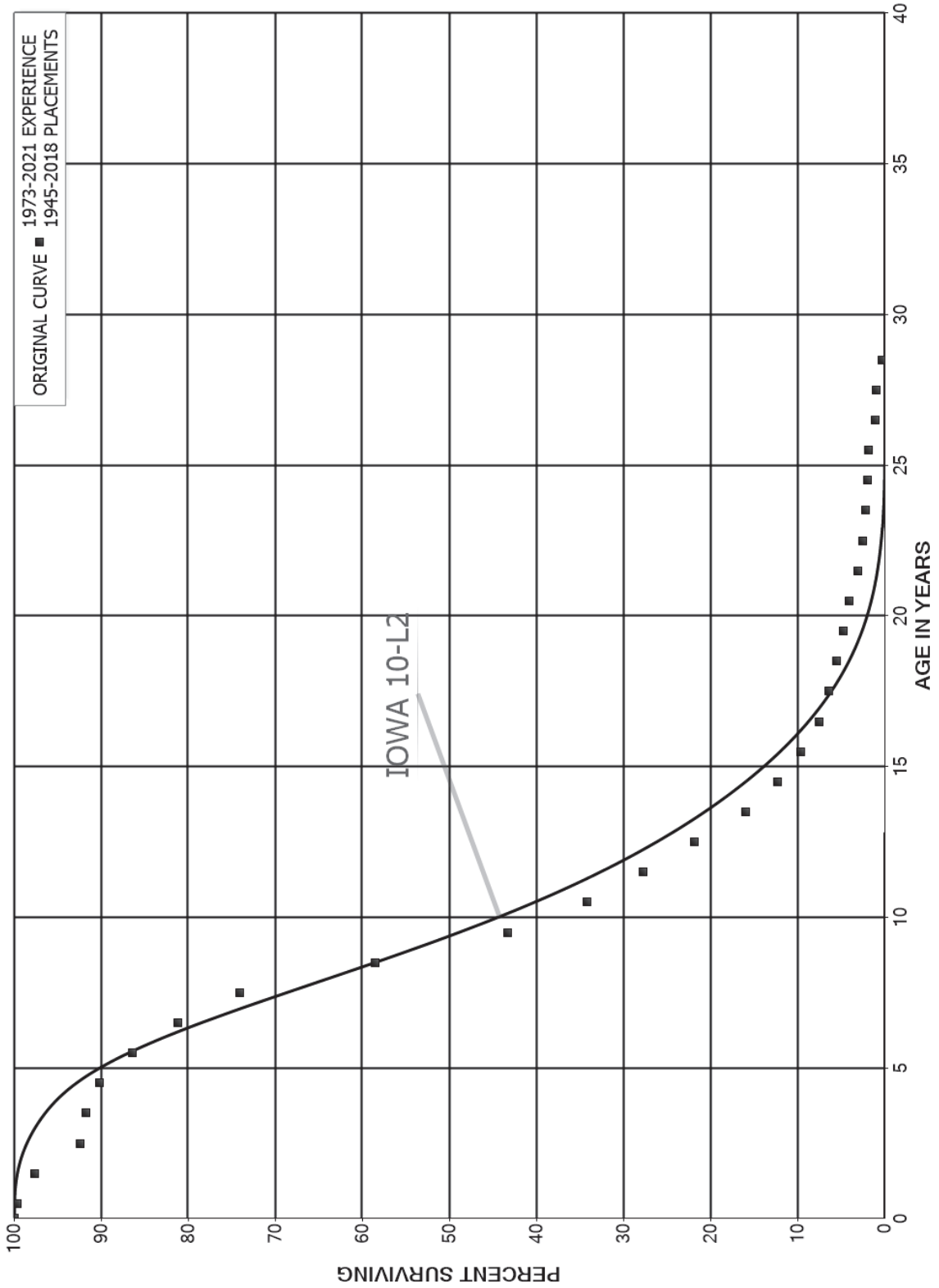
ORIGINAL LIFE TABLE

PLACEMENT BAND 1971-2020 EXPERIENCE BAND 2002-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	651,510		0.0000	1.0000	100.00
0.5	892,801	18,215	0.0204	0.9796	100.00
1.5	1,623,500		0.0000	1.0000	97.96
2.5	2,451,232	3,340	0.0014	0.9986	97.96
3.5	2,498,989	51,594	0.0206	0.9794	97.83
4.5	2,810,019	68,753	0.0245	0.9755	95.81
5.5	3,553,275	25,324	0.0071	0.9929	93.46
6.5	4,221,452	741,012	0.1755	0.8245	92.80
7.5	3,593,245	675,486	0.1880	0.8120	76.51
8.5	3,418,859	745,195	0.2180	0.7820	62.12
9.5	2,723,659	924,473	0.3394	0.6606	48.58
10.5	2,018,310	315,044	0.1561	0.8439	32.09
11.5	2,201,809	342,206	0.1554	0.8446	27.08
12.5	2,176,363	343,389	0.1578	0.8422	22.87
13.5	1,948,617	214,707	0.1102	0.8898	19.27
14.5	1,761,107	286,802	0.1629	0.8371	17.14
15.5	1,474,305	136,322	0.0925	0.9075	14.35
16.5	1,337,983		0.0000	1.0000	13.02
17.5	1,337,983	184,376	0.1378	0.8622	13.02
18.5	1,153,607	164,825	0.1429	0.8571	11.23
19.5	988,782	43,510	0.0440	0.9560	9.62
20.5	945,272	27,197	0.0288	0.9712	9.20
21.5	612,934	7,084	0.0116	0.9884	8.94
22.5	245,976	73,271	0.2979	0.7021	8.83
23.5	98,771	34,797	0.3523	0.6477	6.20
24.5	63,974	30,176	0.4717	0.5283	4.02
25.5	33,798	33,798	1.0000		2.12
26.5					
27.5					
28.5					
29.5					
30.5	14,567	14,567	1.0000		
31.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.15 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS / POWER EQUIPPED
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.15 TRANSPORTATION EQUIPMENT - HEAVY TRUCKS / POWER EQUIPPED

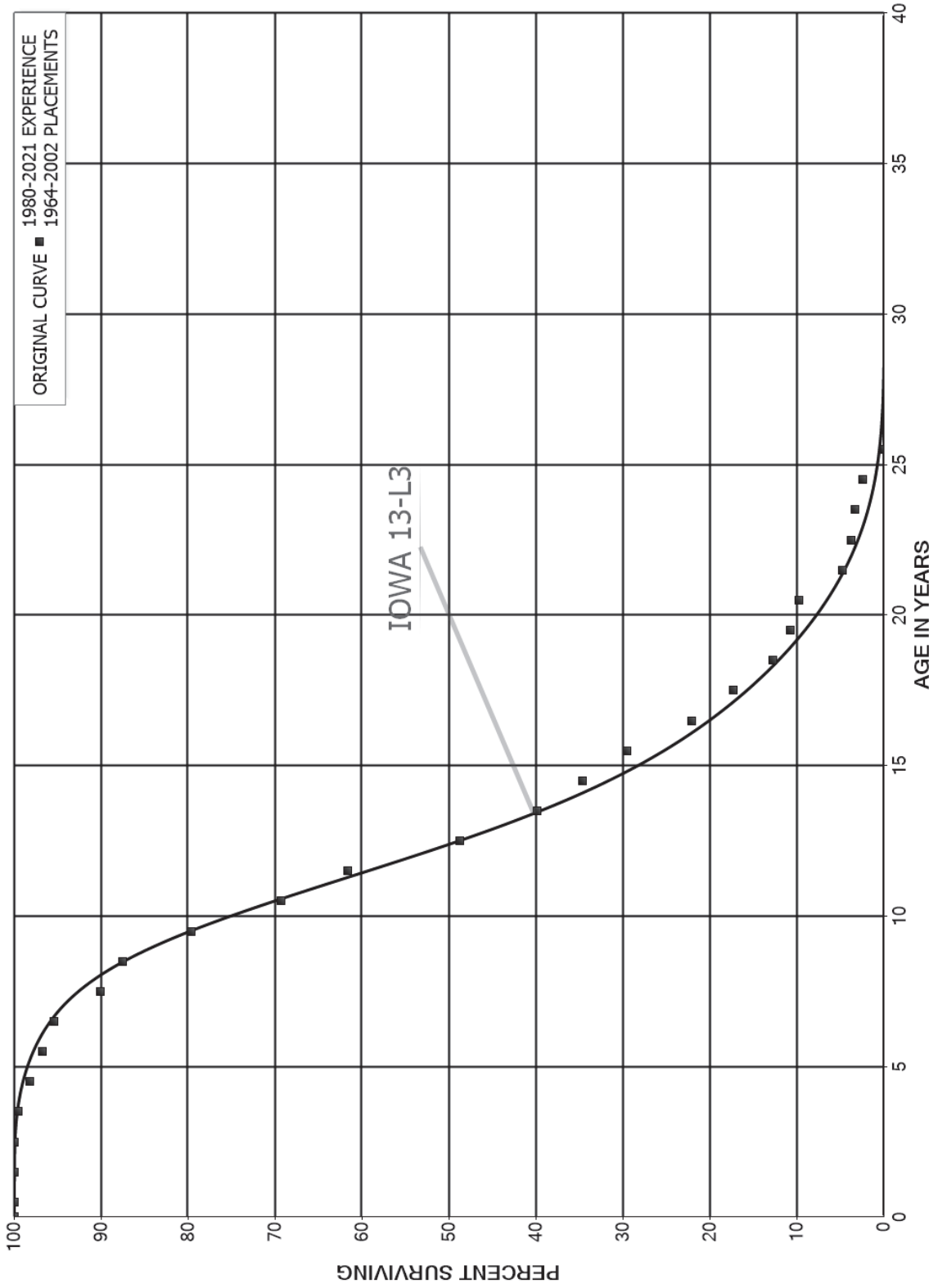
ORIGINAL LIFE TABLE

PLACEMENT BAND 1945-2018 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	70,962,527	236,855	0.0033	0.9967	100.00
0.5	69,981,706	1,409,212	0.0201	0.9799	99.67
1.5	69,594,683	3,740,425	0.0537	0.9463	97.66
2.5	65,845,130	473,993	0.0072	0.9928	92.41
3.5	66,357,497	1,153,925	0.0174	0.9826	91.75
4.5	65,068,339	2,749,674	0.0423	0.9577	90.15
5.5	62,231,884	3,684,005	0.0592	0.9408	86.34
6.5	58,610,477	5,190,715	0.0886	0.9114	81.23
7.5	53,672,403	11,242,694	0.2095	0.7905	74.04
8.5	43,736,709	11,390,036	0.2604	0.7396	58.53
9.5	32,344,699	6,771,112	0.2093	0.7907	43.29
10.5	26,205,747	5,011,050	0.1912	0.8088	34.22
11.5	21,390,254	4,507,610	0.2107	0.7893	27.68
12.5	16,977,728	4,615,598	0.2719	0.7281	21.85
13.5	12,604,942	2,841,219	0.2254	0.7746	15.91
14.5	10,086,991	2,213,425	0.2194	0.7806	12.32
15.5	7,974,574	1,723,482	0.2161	0.7839	9.62
16.5	6,261,929	982,885	0.1570	0.8430	7.54
17.5	5,279,044	688,564	0.1304	0.8696	6.36
18.5	4,590,480	640,116	0.1394	0.8606	5.53
19.5	3,950,364	597,880	0.1513	0.8487	4.76
20.5	2,896,572	667,180	0.2303	0.7697	4.04
21.5	2,229,392	446,729	0.2004	0.7996	3.11
22.5	1,782,663	244,983	0.1374	0.8626	2.48
23.5	1,072,433	98,432	0.0918	0.9082	2.14
24.5	1,776,737	109,557	0.0617	0.9383	1.95
25.5	1,667,180	652,016	0.3911	0.6089	1.83
26.5	1,015,164	157,975	0.1556	0.8444	1.11
27.5	857,189	598,038	0.6977	0.3023	0.94
28.5	259,151	27,652	0.1067	0.8933	0.28
29.5	231,499	135,432	0.5850	0.4150	0.25
30.5	96,067		0.0000	1.0000	0.11
31.5	96,067		0.0000	1.0000	0.11
32.5	96,067		0.0000	1.0000	0.11
33.5	96,067	52,531	0.5468	0.4532	0.11
34.5					0.05
35.5	10,573		0.0000		
36.5	10,573		0.0000		
37.5	10,573		0.0000		
38.5	10,573		0.0000		
39.5	10,573	10,573	1.0000		
40.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.16 TRANSPORTATION EQUIPMENT - TRACTORS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.16 TRANSPORTATION EQUIPMENT - TRACTORS

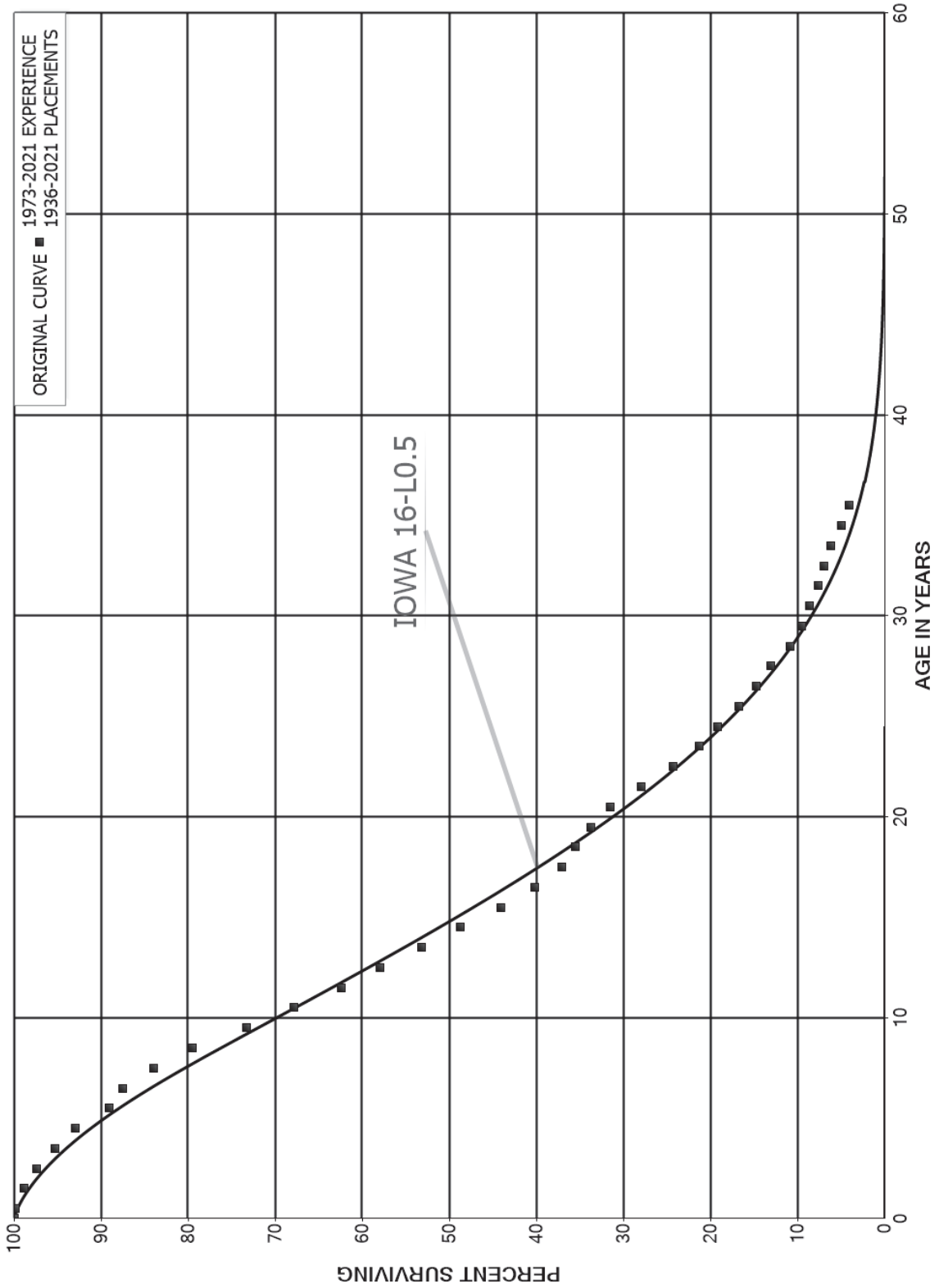
ORIGINAL LIFE TABLE

PLACEMENT BAND 1964-2002 EXPERIENCE BAND 1980-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	4,822,334		0.0000	1.0000	100.00
0.5	4,938,805		0.0000	1.0000	100.00
1.5	5,017,540	2,757	0.0005	0.9995	100.00
2.5	5,489,206	23,396	0.0043	0.9957	99.95
3.5	5,556,685	73,712	0.0133	0.9867	99.52
4.5	5,742,058	86,947	0.0151	0.9849	98.20
5.5	6,076,941	84,080	0.0138	0.9862	96.71
6.5	6,118,810	340,935	0.0557	0.9443	95.37
7.5	6,018,588	168,295	0.0280	0.9720	90.06
8.5	6,098,295	549,769	0.0902	0.9098	87.54
9.5	5,762,731	748,821	0.1299	0.8701	79.65
10.5	5,222,164	582,024	0.1115	0.8885	69.30
11.5	4,852,420	1,012,796	0.2087	0.7913	61.58
12.5	3,950,710	717,811	0.1817	0.8183	48.72
13.5	3,211,653	419,104	0.1305	0.8695	39.87
14.5	2,846,857	421,319	0.1480	0.8520	34.67
15.5	2,452,723	617,794	0.2519	0.7481	29.54
16.5	1,834,929	402,897	0.2196	0.7804	22.10
17.5	1,444,503	380,769	0.2636	0.7364	17.25
18.5	1,063,734	163,362	0.1536	0.8464	12.70
19.5	834,475	80,838	0.0969	0.9031	10.75
20.5	753,637	388,450	0.5154	0.4846	9.71
21.5	365,187	75,986	0.2081	0.7919	4.70
22.5	289,201	30,905	0.1069	0.8931	3.73
23.5	258,296	74,727	0.2893	0.7107	3.33
24.5	183,569	183,569	1.0000		2.36
25.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 392.18 TRANSPORTATION EQUIPMENT - TRAILERS
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.18 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1936-2021 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	23,134,402	36,403	0.0016	0.9984	100.00
0.5	21,063,786	211,895	0.0101	0.9899	99.84
1.5	19,753,294	284,034	0.0144	0.9856	98.84
2.5	18,780,498	402,813	0.0214	0.9786	97.42
3.5	18,200,145	456,087	0.0251	0.9749	95.33
4.5	14,078,915	578,813	0.0411	0.9589	92.94
5.5	13,263,965	237,843	0.0179	0.9821	89.12
6.5	12,922,213	533,747	0.0413	0.9587	87.52
7.5	12,408,020	649,292	0.0523	0.9477	83.90
8.5	11,605,788	901,762	0.0777	0.9223	79.51
9.5	10,891,267	823,594	0.0756	0.9244	73.34
10.5	10,245,836	818,752	0.0799	0.9201	67.79
11.5	9,640,064	688,524	0.0714	0.9286	62.37
12.5	8,983,805	738,671	0.0822	0.9178	57.92
13.5	8,274,651	684,402	0.0827	0.9173	53.16
14.5	7,631,757	735,612	0.0964	0.9036	48.76
15.5	6,926,522	606,298	0.0875	0.9125	44.06
16.5	6,391,590	494,714	0.0774	0.9226	40.20
17.5	5,955,902	247,114	0.0415	0.9585	37.09
18.5	5,737,402	290,336	0.0506	0.9494	35.55
19.5	5,387,165	366,175	0.0680	0.9320	33.75
20.5	4,956,822	547,804	0.1105	0.8895	31.46
21.5	4,447,665	593,590	0.1335	0.8665	27.98
22.5	3,864,071	464,961	0.1203	0.8797	24.25
23.5	3,391,345	348,951	0.1029	0.8971	21.33
24.5	3,048,562	391,151	0.1283	0.8717	19.14
25.5	2,620,359	310,391	0.1185	0.8815	16.68
26.5	2,141,855	233,674	0.1091	0.8909	14.70
27.5	1,797,655	305,348	0.1699	0.8301	13.10
28.5	1,394,221	169,234	0.1214	0.8786	10.87
29.5	1,219,075	120,973	0.0992	0.9008	9.55
30.5	1,017,838	119,621	0.1175	0.8825	8.61
31.5	783,460	71,951	0.0918	0.9082	7.60
32.5	607,079	61,440	0.1012	0.8988	6.90
33.5	496,073	100,064	0.2017	0.7983	6.20
34.5	391,260	67,166	0.1717	0.8283	4.95
35.5	307,856	39,267	0.1275	0.8725	4.10
36.5	264,190	52,961	0.2005	0.7995	3.58
37.5	200,994	7,154	0.0356	0.9644	2.86
38.5	191,989	4,121	0.0215	0.9785	2.76

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.18 TRANSPORTATION EQUIPMENT - TRAILERS

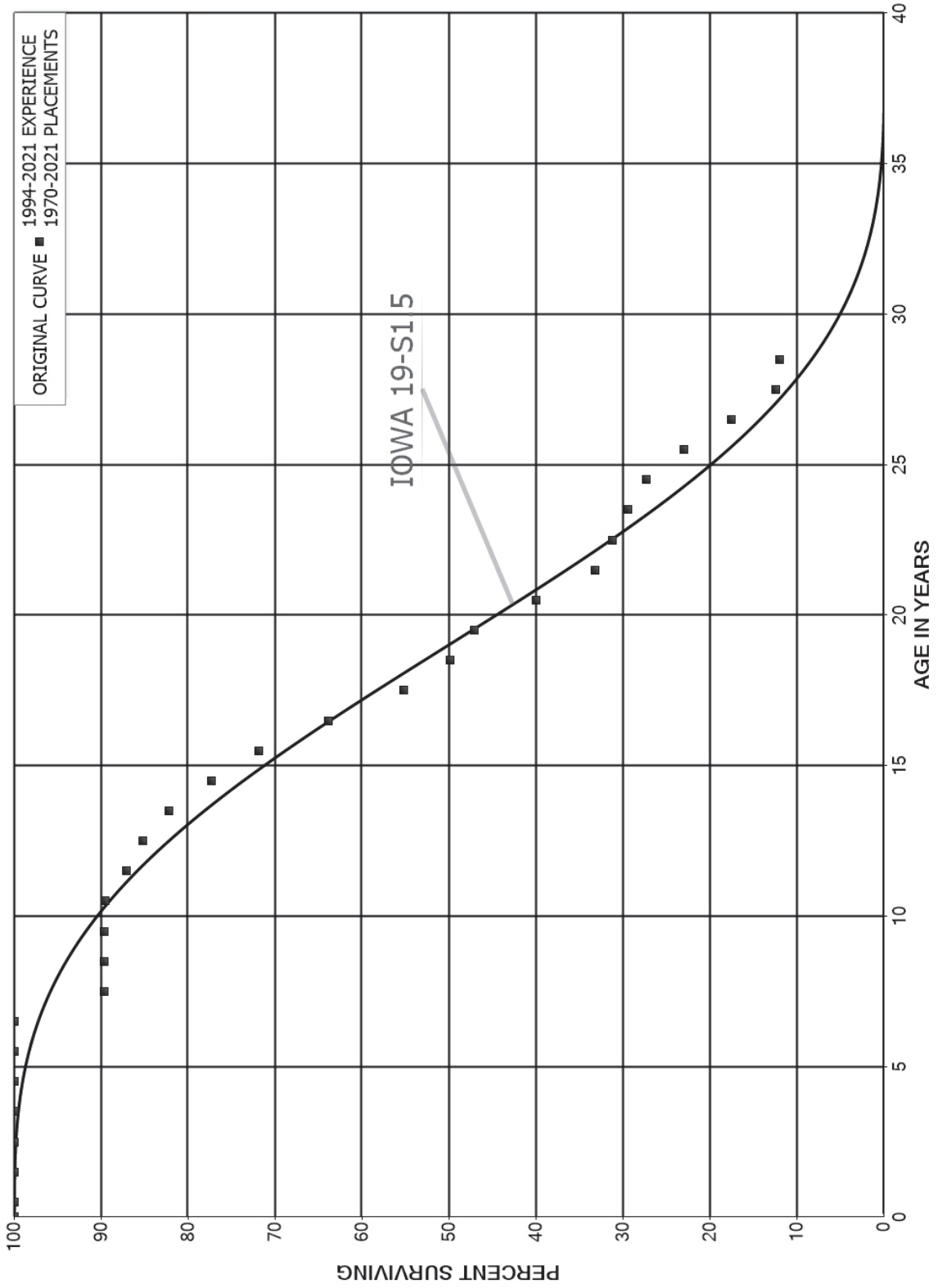
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1936-2021 EXPERIENCE BAND 1973-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	180,882	5,762	0.0319	0.9681	2.70
40.5	163,893	992	0.0061	0.9939	2.61
41.5	146,288	120	0.0008	0.9992	2.60
42.5	124,786	13,971	0.1120	0.8880	2.59
43.5	89,314	2,169	0.0243	0.9757	2.30
44.5	74,310	407	0.0055	0.9945	2.25
45.5	71,339	14,208	0.1992	0.8008	2.24
46.5	55,142	9,037	0.1639	0.8361	1.79
47.5	38,995	2,152	0.0552	0.9448	1.50
48.5	36,843	1,591	0.0432	0.9568	1.41
49.5	33,089	337	0.0102	0.9898	1.35
50.5	28,902	210	0.0073	0.9927	1.34
51.5	28,692		0.0000	1.0000	1.33
52.5	16,404		0.0000	1.0000	1.33
53.5	5,097	1	0.0002	0.9998	1.33
54.5	5,095		0.0000	1.0000	1.33
55.5	2,558	125	0.0489	0.9511	1.33
56.5	2,433	101	0.0415	0.9585	1.26
57.5	2,332	659	0.2826	0.7174	1.21
58.5	1,673	232	0.1387	0.8613	0.87
59.5	1,441	203	0.1409	0.8591	0.75
60.5	193	99	0.5130	0.4870	0.64
61.5	94		0.0000	1.0000	0.31
62.5	94	1	0.0106	0.9894	0.31
63.5	93		0.0000	1.0000	0.31
64.5	92	92	1.0000		0.31
65.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNT 396.04 POWER OPERATED EQUIPMENT - MOBILE CRANES
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 396.04 POWER OPERATED EQUIPMENT - MOBILE CRANES

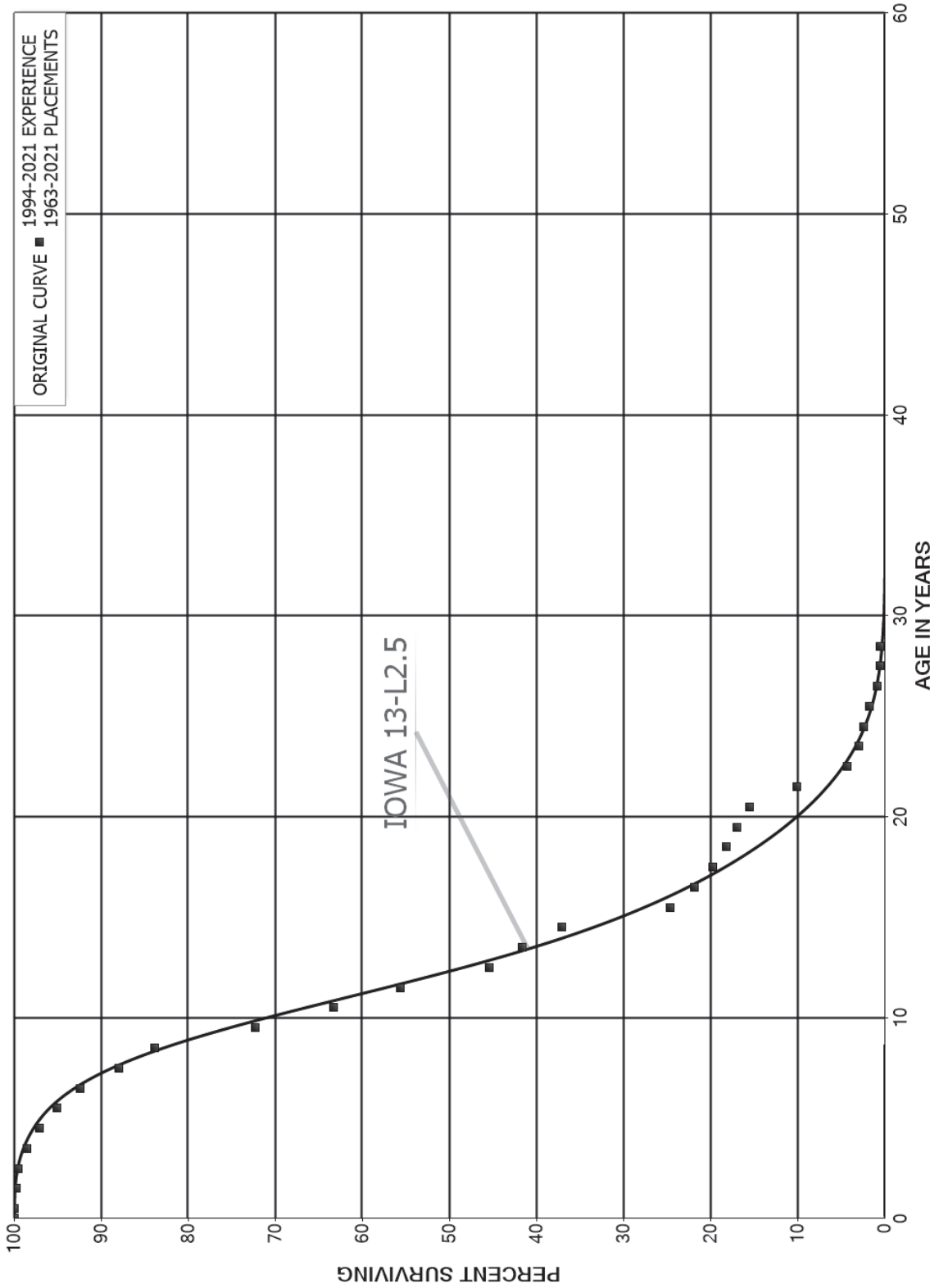
ORIGINAL LIFE TABLE

PLACEMENT BAND 1970-2021 EXPERIENCE BAND 1994-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	2,875,686		0.0000	1.0000	100.00
0.5	2,257,660		0.0000	1.0000	100.00
1.5	2,288,797		0.0000	1.0000	100.00
2.5	2,730,299		0.0000	1.0000	100.00
3.5	2,435,188		0.0000	1.0000	100.00
4.5	2,875,102		0.0000	1.0000	100.00
5.5	3,041,468		0.0000	1.0000	100.00
6.5	4,023,063	418,034	0.1039	0.8961	100.00
7.5	5,124,135		0.0000	1.0000	89.61
8.5	6,805,006		0.0000	1.0000	89.61
9.5	6,805,006	6,657	0.0010	0.9990	89.61
10.5	6,861,205	186,375	0.0272	0.9728	89.52
11.5	6,674,830	145,911	0.0219	0.9781	87.09
12.5	6,528,919	230,127	0.0352	0.9648	85.19
13.5	6,298,792	378,419	0.0601	0.9399	82.18
14.5	5,920,373	413,550	0.0699	0.9301	77.25
15.5	8,918,289	992,876	0.1113	0.8887	71.85
16.5	7,925,413	1,082,962	0.1366	0.8634	63.85
17.5	6,842,451	654,402	0.0956	0.9044	55.13
18.5	6,188,049	349,021	0.0564	0.9436	49.85
19.5	5,839,028	879,514	0.1506	0.8494	47.04
20.5	5,229,880	891,996	0.1706	0.8294	39.96
21.5	4,337,884	260,381	0.0600	0.9400	33.14
22.5	4,124,857	231,276	0.0561	0.9439	31.15
23.5	4,145,321	293,899	0.0709	0.9291	29.41
24.5	3,912,139	631,234	0.1614	0.8386	27.32
25.5	3,280,905	770,765	0.2349	0.7651	22.91
26.5	2,510,140	730,678	0.2911	0.7089	17.53
27.5	1,779,462	70,348	0.0395	0.9605	12.43
28.5	1,709,114	793,306	0.4642	0.5358	11.94
29.5	915,808	261,767	0.2858	0.7142	6.40
30.5	654,041	105,718	0.1616	0.8384	4.57
31.5	548,323		0.0000	1.0000	3.83
32.5	548,323		0.0000	1.0000	3.83
33.5	548,323	251,740	0.4591	0.5409	3.83
34.5	296,583		0.0000	1.0000	2.07
35.5	296,583		0.0000	1.0000	2.07
36.5	296,583	40,000	0.1349	0.8651	2.07
37.5	256,583	256,583	1.0000		1.79
38.5					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS
ACCOUNTS 396.07 AND 396.09 - POWER OPERATED EQUIPMENT - MISCELLANEOUS - NON-HIGHWAY EQUIPMENT AND EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 396.07 AND 396.09 - POWER OPERATED EQUIPMENT - MISCELLANEOUS - NON-HIGHWAY EQUIPMENT AND EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1963-2021 EXPERIENCE BAND 1994-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	21,218,501	17,370	0.0008	0.9992	100.00
0.5	20,414,610	31,252	0.0015	0.9985	99.92
1.5	17,315,226	47,042	0.0027	0.9973	99.77
2.5	16,000,811	160,236	0.0100	0.9900	99.49
3.5	15,727,218	230,783	0.0147	0.9853	98.50
4.5	6,777,447	137,196	0.0202	0.9798	97.05
5.5	7,284,691	207,419	0.0285	0.9715	95.09
6.5	7,507,473	362,239	0.0483	0.9517	92.38
7.5	7,519,959	345,957	0.0460	0.9540	87.92
8.5	7,399,527	1,023,939	0.1384	0.8616	83.88
9.5	6,438,397	804,780	0.1250	0.8750	72.27
10.5	5,670,476	679,157	0.1198	0.8802	63.24
11.5	4,953,126	909,670	0.1837	0.8163	55.66
12.5	3,637,395	304,855	0.0838	0.9162	45.44
13.5	3,130,787	345,233	0.1103	0.8897	41.63
14.5	2,710,865	907,628	0.3348	0.6652	37.04
15.5	1,562,316	175,876	0.1126	0.8874	24.64
16.5	1,625,491	160,390	0.0987	0.9013	21.87
17.5	1,487,287	114,809	0.0772	0.9228	19.71
18.5	1,384,108	92,874	0.0671	0.9329	18.19
19.5	1,314,851	116,700	0.0888	0.9112	16.97
20.5	1,198,151	416,562	0.3477	0.6523	15.46
21.5	792,603	453,049	0.5716	0.4284	10.09
22.5	347,511	113,465	0.3265	0.6735	4.32
23.5	234,046	42,890	0.1833	0.8167	2.91
24.5	295,244	79,592	0.2696	0.7304	2.38
25.5	215,652	111,463	0.5169	0.4831	1.74
26.5	104,189	36,932	0.3545	0.6455	0.84
27.5	67,257	8,743	0.1300	0.8700	0.54
28.5	58,514	11,763	0.2010	0.7990	0.47
29.5	46,751		0.0000	1.0000	0.38
30.5	46,751	2,216	0.0474	0.9526	0.38
31.5	44,535	24,804	0.5570	0.4430	0.36
32.5	19,731	4,382	0.2221	0.7779	0.16
33.5	15,349		0.0000	1.0000	0.12
34.5	15,349	2,177	0.1418	0.8582	0.12
35.5	13,172		0.0000	1.0000	0.11
36.5	13,172	7,000	0.5314	0.4686	0.11
37.5	6,172		0.0000	1.0000	0.05
38.5	6,172		0.0000	1.0000	0.05

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 396.07 AND 396.09 - POWER OPERATED EQUIPMENT - MISCELLANEOUS - NON-HIGHWAY EQUIPMENT AND EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1963-2021 EXPERIENCE BAND 1994-2021

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	6,172		0.0000	1.0000	0.05
40.5	6,172		0.0000	1.0000	0.05
41.5	6,172	6,172	1.0000		0.05
42.5					

OFFICIAL COPY

Sep 22 2023

PART VIII. NET SALVAGE STATISTICS

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. CALCULATION OF TERMINAL AND INTERIM RETIREMENTS AS A PERCENT OF TOTAL RETIREMENTS

LOCATION	TOTAL PROJECTED RETIREMENTS	TOTAL TERMINAL RETIREMENTS		TOTAL INTERIM RETIREMENTS	
		AMOUNT	(%)	AMOUNT	(%)
(1)	(2)	(3)	(4)=(3)/(2)	(6)	(7)=(6)/(2)
STEAM PRODUCTION					
MARSHALL UNIT 1	(544,590,024.18)	(524,080,733.84)	96 23	(20,509,290.34)	3.77
MARSHALL UNIT 2	(181,860,496.71)	(171,604,544.49)	94 36	(10,255,952.22)	5 64
MARSHALL UNIT 3	(403,390,206 89)	(368,788,356.03)	91.42	(34,601,850.86)	8 58
MARSHALL UNIT 4	(302,909,173 51)	(274,563,163.46)	90 64	(28,346,010.05)	9 36
MARSHALL COMMON	(583,173,197 96)	(553,402,879.43)	94 90	(29,770,318.53)	5.10
BELEWS CREEK UNIT 1	(656,048,176 94)	(597,433,849.45)	91 07	(58,614,327.49)	8 93
BELEWS CREEK UNIT 2	(524,058,054.12)	(476,296,144.33)	90 89	(47,761,909.79)	9.11
BELEWS CREEK COMMON	(1,306,317,323 03)	(1,161,407,118.07)	88 91	(144,910,204.96)	11 09
LEE	(91,534,931.31)	(91,534,931.31)	100 00	0.00	0 00
CLIFFS DE 5 (J.E. ROGERS)	(792,971,810 23)	(776,196,947.37)	97 88	(16,774,862.86)	2.12
CLIFFS DE 6 (J.E. ROGBERS)	(2,100,670,705.10)	(1,653,433,708.77)	78.71	(447,236,996.33)	21 29
CLIFFS DE COMMON (J.E. ROGERS)	(171,396,592 81)	(160,866,693.79)	93 86	(10,529,899.02)	6.14
ALLEN	(894,907,451 95)	(888,949,745.63)	99 33	(5,957,706.32)	0 67
TOTAL STEAM PRODUCTION	**(8,553,828,144.74)**	**(7,698,558,815.97)**	**90.00**	**(855,269,328.77)**	**10.00**
NUCLEAR PRODUCTION					
OCONEE	(4,727,334,982 86)	(2,815,093,624.00)	59 55	(1,912,241,358.86)	40.45
MCGUIRE	(3,496,435,154 56)	(827,832,707.62)	23 68	(2,668,602,446.94)	76 32
CATAWBA	(902,591,425 80)	(193,105,458.01)	21 39	(709,485,967.79)	78 61
TOTAL NUCLEAR PRODUCTION	**(9,126,361,563.22)**	**(3,836,031,789.63)**	**42.03**	**(5,290,329,773.59)**	**57.97**
HYDRO PRODUCTION					
COWANS FORD	(144,562,584 95)	(109,426,780.10)	75.70	(35,135,804.85)	24 30
BAD CREEK	(1,075,341,163.76)	(653,132,266.55)	60.74	(422,208,897.21)	39 26
JOCASSEE	(190,742,119.61)	(154,637,439.10)	81 07	(36,104,680.51)	18 93
KEOWEE	(241,689,158.78)	(215,847,703.35)	89 31	(25,841,455.43)	10 69
FISH NG CREEK	(56,492,203.40)	(41,487,800.20)	73.44	(15,004,403.20)	26 56
CEDAR CREEK	(37,154,093.12)	(27,362,545.50)	73 65	(9,791,547.62)	26 35
BR DGEWATER	(302,547,050 50)	(279,958,043.08)	92 53	(22,589,007.42)	7.47
LOOKOUT SHOALS	(21,651,590 85)	(14,126,714.46)	65 25	(7,524,876.39)	34.75
MOUNTA N ISLAND	(38,664,657 89)	(28,337,157.68)	73 29	(10,327,500.21)	26.71
99 ISLANDS	(27,652,055 37)	(26,205,234.21)	94.77	(1,446,821.16)	5 23
OXFORD	(63,492,552 09)	(52,727,624.96)	83 05	(10,764,927.13)	16 95
RHODHISS	(37,207,729 91)	(28,654,197.88)	77 01	(8,553,532.03)	22 99
WATEREE	(62,536,341 07)	(44,750,712.93)	71 56	(17,785,628.14)	28.44
WYL E	(73,476,207 03)	(57,779,685.54)	78 64	(15,696,521.49)	21 36
GREAT FALLS	(10,026,395.46)	(5,368,222.96)	53 54	(4,658,172.50)	46.46
DEARBORN	(21,434,333.43)	(13,278,916.09)	61 95	(8,155,417.34)	38 05
NPL BEAR CREEK	(15,919,318 50)	(15,109,049.17)	94 91	(810,269.33)	5 09
NPL CEDAR CL FF	(10,685,969.12)	(10,022,812.79)	93.79	(663,156.33)	6 21
NPL NANTAHALA	(26,829,194.09)	(22,517,926.82)	83 93	(4,311,267.27)	16 07
NPL QUEENS CREEK	(1,306,404.18)	(1,214,980.81)	93 00	(91,423.37)	7 00
NPL TENNESSEE CREEK	(26,888,288.83)	(25,595,269.78)	95.19	(1,293,019.05)	4 81
NPL THORPE	(15,452,801.26)	(12,680,873.52)	82 06	(2,771,927.74)	17 94
NPL TUCKASEGEE	(5,224,111.18)	(4,842,241.02)	92 69	(381,870.16)	7 31
TOTAL HYDRO PRODUCTION	**(2,506,976,324.38)**	**(1,845,064,198.50)**	**73.60**	**(661,912,125.88)**	**26.40**
OTHER PRODUCTION					
L NCOLN CTS	(410,310,983.47)	(268,737,671.94)	65 50	(141,573,311.53)	34 50
DAN RIVER COMB NED CYCLE	(673,749,208 68)	(459,442,766.32)	68.19	(214,306,442.36)	31 81
LEE CTS	(62,049,846 57)	(39,004,216.67)	62 86	(23,045,629.90)	37.14
MILL CREEK CTS	(251,791,571.99)	(167,592,510.48)	66 56	(84,199,061.51)	33.44
ROCK NGHAM CTS	(322,169,860 03)	(264,840,802.89)	82 21	(57,329,057.14)	17.79
BUCK COMBINED CYCLE	(681,472,437 25)	(472,503,626.10)	69 34	(208,968,811.15)	30 66
LEE COMBINED CYCLE	(584,953,398 99)	(390,296,624.84)	66.72	(194,656,774.15)	33 28
CLEMSON COMB NED HEAT AND POWER PLANT	(30,074,637 96)	(19,549,084.87)	65 00	(10,525,553.09)	35 00
TOTAL OTHER PRODUCTION	**(3,016,571,944.94)**	**(2,081,967,304.11)**	**69.02**	**(934,604,640.83)**	**30.98**
SOLAR PRODUCTION					
MOCKSV LLE	(31,793,560 82)	(8,545,547.12)	26 88	(23,248,013.70)	73.12
MONROE	(107,411,595 68)	(30,269,964.02)	28.18	(77,141,631.66)	71 82
WOODLEAF	(13,910,618.78)	(3,708,492.32)	26 66	(10,202,126.46)	73 34
GASTON	(38,771,370 08)	(10,559,960.37)	27 24	(28,211,409.71)	72.76
MAIDEN CREEK	(86,457,279 99)	(25,635,174.22)	29 65	(60,822,105.77)	70 35
TOTAL SOLAR PRODUCTION	**(278,344,425.35)**	**(78,719,138.05)**	**28.28**	**(199,625,287.30)**	**71.72**
TOTAL PRODUCTION	**(23,482,082,402.63)**	**(15,540,341,246.26)**	**66.18**	**(7,941,741,156.37)**	**33.82**

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 2. CALCULATION OF WEIGHTED NET SALVAGE PERCENT

ACCOUNT	TERMINAL RETIREMENTS RETIREMENTS (%)	TERMINAL RETIREMENTS NET SALVAGE (%)	INTERIM RETIREMENTS RETIREMENTS (%)	INTERIM RETIREMENTS NET SALVAGE (%)	WEIGHTED AVERAGE NET SALVAGE %
(1)	(2)	(3)	(4)	(5)	(6)=(2)*(3)+(4)*(5)
STEAM PRODUCTION					
MARSHALL UNIT 1	96.23	(3)	3.77	(18)	(3)
MARSHALL UNIT 2	94.36	(3)	5.64	(18)	(4)
MARSHALL UNIT 3	91.42	(3)	8.58	(18)	(4)
MARSHALL UNIT 4	90.64	(3)	9.36	(18)	(4)
MARSHALL COMMON	94.90	(3)	5.10	(18)	(4)
BELEWS CREEK UNIT 1	91.07	(5)	8.93	(18)	(6)
BELEWS CREEK UNIT 2	90.89	(5)	9.11	(18)	(6)
BELEWS CREEK COMMON	88.91	(5)	11.09	(18)	(6)
LEE	100.00	(12)	0.00	(18)	(12)
CLIFFSIDE UNIT 5 (J.E. ROGERS)	97.88	(5)	2.12	(18)	(5)
CLIFFSIDE UNIT 6 (J.E. ROGBERS)	78.71	(5)	21.29	(18)	(8)
CLIFFSIDE COMMON (J.E. ROGERS)	93.86	(5)	6.14	(18)	(6)
ALLEN	99.33	(5)	0.67	(18)	(5)
NUCLEAR PRODUCTION					
OCONEE	59.55	0	40.45	(10)	(4)
MCGUIRE	23.68	0	76.32	(10)	(8)
CATAWBA	21.39	0	78.61	(10)	(8)
HYDRO PRODUCTION					
COWANS FORD	75.70	1	24.30	(20)	(4)
BAD CREEK	60.74	(1)	39.26	(20)	(9)
JOCASSEE	81.07	3	18.93	(20)	(1)
KEOWEE	89.31	(0)	10.69	(20)	(3)
FISHING CREEK	73.44	(10)	26.56	(20)	(13)
CEDAR CREEK	73.65	(11)	26.35	(20)	(14)
BRIDGEWATER	92.53	(2)	7.47	(20)	(3)
LOOKOUT SHOALS	65.25	(22)	34.75	(20)	(21)
MOUNTAIN ISLAND	73.29	(14)	26.71	(20)	(16)
99 ISLANDS	94.77	(15)	5.23	(20)	(15)
OXFORD	83.05	(4)	16.95	(20)	(7)
RHODHISS	77.01	(11)	22.99	(20)	(13)
WATEREE	71.56	(10)	28.44	(20)	(13)
WYLIE	78.64	(7)	21.36	(20)	(10)
GREAT FALLS	53.54	(184)	46.46	(20)	(108)
DEARBORN	61.95	(18)	38.05	(20)	(19)
NPL BEAR CREEK	94.91	(8)	5.09	(20)	(8)
NPL CEDAR CLIFF	93.79	(17)	6.21	(20)	(17)
NPL NANTAHALA	83.93	(8)	16.07	(20)	(10)
NPL QUEENS CREEK	93.00	(101)	7.00	(20)	(95)
NPL TENNESSEE CREEK	95.19	(11)	4.81	(20)	(11)
NPL THORPE	82.06	(39)	17.94	(20)	(36)
NPL TUCKASEGEE	92.69	(58)	7.31	(20)	(55)
OTHER PRODUCTION					
LINCOLN CTS	65.50	(1)	34.50	(23)	(9)
DAN RIVER COMBINED CYCLE	68.19	(7)	31.81	(23)	(12)
LEE CTS	62.86	(4)	37.14	(23)	(11)
MILL CREEK CTS	66.56	(0)	33.44	(23)	(8)
ROCKINGHAM CTS	82.21	(0)	17.79	(23)	(4)
BUCK COMBINED CYCLE	69.34	(5)	30.66	(23)	(11)
LEE COMBINED CYCLE	66.72	(6)	33.28	(23)	(12)
CLEMSON COMBINED HEAT AND POWER PLANT	65.00	(8)	35.00	(23)	(13)
SOLAR PRODUCTION					
MOCKSVILLE	26.88	(40)	73.12	0	(11)
MONROE	28.18	(50)	71.82	0	(14)
WOODLEAF	26.66	(47)	73.34	0	(12)
GASTON	27.24	(44)	72.76	0	(12)
MAIDEN CREEK	29.65	(58)	70.35	0	(17)

DUKE ENERGY CAROLINAS

TABLE 3. CALCULATION OF TERMINAL NET SALVAGE PERCENT

UNIT	ESTIMATED RETIREMENT YEAR	TOTAL DECOMMISSIONING COSTS	ESCALATED TOTAL DECOMMISSIONING COSTS	TERMINAL RETIREMENTS	TOTAL NET SALVAGE
(1)	(2)	(3)	(4)	(5)	(6)
STEAM PRODUCTION					
MARSHALL UNIT 1	2028			(524,080,734)	
MARSHALL UNIT 2	2028			(171,604,544)	
MARSHALL UNIT 3	2032			(368,788,356)	
MARSHALL UNIT 4	2032			(274,563,163)	
MARSHALL COMMON	2032			(553,402,879)	
TOTAL MARSHALL	2032	39,915,000	52,371,939	(1,892,439,677)	(3)
BELEWS CREEK UNIT 1	2035			(597,433,849)	
BELEWS CREEK UNIT 2	2035			(476,296,144)	
BELEWS CREEK COMMON	2035			(1,161,407,118)	
TOTAL BELEWS CREEK	2035	75,471,000	106,638,547	(2,235,137,112)	(5)
LEE	2022	10,626,000	10,891,650	(91,534,931)	(12)
CLIFFSIDE 5 (J.E. ROGERS)	2025			(776,196,947)	
CLIFFSIDE 6 (J.E. ROGBERS)	2048			(1,653,433,709)	
CLIFFSIDE COMMON (J.E. ROGERS)	2048			(160,866,694)	
TOTAL CLIFFSIDE	2048	69,100,000	134,592,981	(2,590,497,350)	(5)
ALLEN	2023	41,280,000	43,369,800	(888,949,746)	(5)
TOTAL STEAM PRODUCTION		**236,392,000**	**347,864,917**	**(7,698,558,816)**	**(5)**
HYDRO PRODUCTION					
COWANS FORD	2055	(255,000)	(590,407)	(109,426,780)	1
BAD CREEK	2067	2,451,000	7,632,048	(653,132,267)	(1)
JOCASSEE	2046	(2,592,000)	(4,805,423)	(154,637,439)	3
KEOWEE	2046	533,000	988,152	(215,847,703)	(0)
FISHING CREEK	2055	1,803,000	4,174,526	(41,487,800)	(10)
CEDAR CREEK	2055	1,342,000	3,107,162	(27,362,546)	(11)
BRIDGEWATER	2055	1,824,000	4,223,148	(279,958,043)	(2)
LOOKOUT SHOALS	2055	1,360,000	3,148,838	(14,126,714)	(22)
MOUNTAIN ISLAND	2055	1,754,000	4,061,075	(28,337,158)	(14)
99 ISLANDS	2036	2,729,000	3,952,406	(26,205,234)	(15)
OXFORD	2055	925,000	2,141,673	(52,727,625)	(4)
RHODHISS	2055	1,315,000	3,044,649	(28,654,198)	(11)
WATEREE	2055	2,001,000	4,632,960	(44,750,713)	(10)
WYLIE	2055	1,721,000	3,984,669	(57,779,686)	(7)
GREAT FALLS	2055	4,276,000	9,900,317	(5,368,223)	(184)
DEARBORN	2055	1,039,000	2,405,620	(13,278,916)	(18)

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page312 of 644

Sep 22 2023 OFFICIAL COPY

DUKE ENERGY CAROLINAS

TABLE 3. CALCULATION OF TERMINAL NET SALVAGE PERCENT

UNIT	ESTIMATED RETIREMENT YEAR	TOTAL DECOMMISSIONING COSTS	ESCALATED TOTAL DECOMMISSIONING COSTS	TERMINAL RETIREMENTS	TOTAL NET SALVAGE
(1)	(2)	(3)	(4)	(5)	(6)
NPL BEAR CREEK	2041	710,000	1,163,418	(15,109,049)	(8)
NPL CEDAR CLIFF	2041	1,020,000	1,671,389	(10,022,813)	(17)
NPL NANTAHALA	2042	1,065,000	1,788,755	(22,517,927)	(8)
NPL QUEENS CREEK	2032	935,000	1,226,801	(1,214,981)	(101)
NPL TENNESSEE CREEK	2041	1,695,000	2,777,455	(25,595,270)	(11)
NPL THORPE	2041	3,042,000	4,984,671	(12,680,874)	(39)
NPL TUCKASEGEE	2041	1,717,000	2,813,504	(4,842,241)	(58)
TOTAL HYDRO PRODUCTION		**32,410,000**	**68,427,406**	**(1,845,064,199)**	**(4)**
OTHER PRODUCTION					
LINCOLN CTS	2040	1,668,000	2,666,549	(268,737,672)	(1)
DAN RIVER COMBINED CYCLE	2052	15,430,000	33,174,604	(459,442,766)	(7)
LEE CTS	2047	786,000	1,493,630	(39,004,217)	(4)
MILL CREEK CTS	2043	111,000	191,094	(167,592,510)	(0)
ROCKINGHAM CTS	2040	816,000	1,304,499	(264,840,803)	(0)
BUCK COMBINED CYCLE	2051	12,364,100	25,934,535	(472,503,626)	(5)
LEE COMBINED CYCLE	2058	9,278,000	23,133,289	(390,296,625)	(6)
CLEMSON COMBINED HEAT AND POWER PLANT	2059	612,300	1,564,844	(19,549,085)	(8)
TOTAL OTHER PRODUCTION		**41,065,400**	**89,463,044**	**(2,081,967,304)**	**(4)**
SOLAR PRODUCTION					
MOCKSVILLE	2046	1,863,900	3,455,566	(8,545,547)	(40)
MONROE	2047	7,969,500	15,144,383	(30,269,964)	(50)
WOODLEAF	2048	890,300	1,734,126	(3,708,492)	(47)
GASTON	2050	2,247,200	4,598,687	(10,559,960)	(44)
MAIDEN CREEK	2051	7,101,900	14,896,715	(25,635,174)	(58)
TOTAL SOLAR PRODUCTION		**20,072,800**	**39,829,477**	**(78,719,138)**	**(51)**
TOTAL PRODUCTION		**329,940,200**	**545,584,844**	**(11,704,309,457)**	**(5)**

Spanos Supplemental Exh bit 1
Docket No. E-7, Sub 1276
Page313 of 644

Sep 22 2023 OFFICIAL COPY

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	61,868	2,428	4		0	2,428-	4-
2004	263,145	5,493	2		0	5,493-	2-
2005	268,631	1,359	1		0	1,359-	1-
2006	579,305	28,947	5		0	28,947-	5-
2007	5,038,541	110,064	2		0	110,064-	2-
2008	2,350,054	31,805	1		0	31,805-	1-
2009	1,238,440	376,140	30	109,339	9	266,801-	22-
2010	5,941,373	6,444,233	108		0	6,444,233-	108-
2011	5,295,487-	14,022	0		0	14,022-	0
2012	512,741		0		0		0
2013	176,682	355,400	201		0	355,400-	201-
2014	170,120	160,052	94		0	160,052-	94-
2015	568,349	332,468	58		0	332,468-	58-
2016	1,343,664	565,108	42		0	565,108-	42-
2017	3,694,618	268,234	7	166,879	5	101,355-	3-
2018	664,106	148,509	22	1,800-	0	150,309-	23-
2019	9,264,016	9,115,107	98	66,098	1	9,049,009-	98-
2020	2,697,034	1,830,314	68	34-	0	1,830,348-	68-
2021	914,568	989,664	108	2,140-	0	991,804-	108-
TOTAL	30,451,767	20,779,348	68	338,342	1	20,441,005-	67-
THREE-YEAR MOVING AVERAGES							
03-05	197,881	3,093	2		0	3,093-	2-
04-06	370,360	11,933	3		0	11,933-	3-
05-07	1,962,159	46,790	2		0	46,790-	2-
06-08	2,655,967	56,939	2		0	56,939-	2-
07-09	2,875,678	172,670	6	36,446	1	136,223-	5-
08-10	3,176,622	2,284,059	72	36,446	1	2,247,613-	71-
09-11	628,109	2,278,132	363	36,446	6	2,241,685-	357-
10-12	386,209	2,152,752	557		0	2,152,752-	557-
11-13	1,535,354-	123,141	8-		0	123,141-	8
12-14	286,514	171,817	60		0	171,817-	60-
13-15	305,050	282,640	93		0	282,640-	93-
14-16	694,044	352,543	51		0	352,543-	51-
15-17	1,868,877	388,603	21	55,626	3	332,977-	18-
16-18	1,900,796	327,284	17	55,026	3	272,257-	14-
17-19	4,540,913	3,177,283	70	77,059	2	3,100,224-	68-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	4,208,385	3,697,976	88	21,421	1	3,676,555-	87-
19-21	4,291,872	3,978,362	93	21,308	0	3,957,054-	92-
FIVE-YEAR AVERAGE							
17-21	3,446,868	2,470,366	72	45,801	1	2,424,565-	70-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	24,510,181	2,116,157	9	8,376-	0	2,124,533-	9-
2004	18,390,930	844,618	5		0	844,618-	5-
2005	347,852	77,099	22		0	77,099-	22-
2006	3,925,256	428,253	11	289,509	7	138,744-	4-
2007	6,859,376	341,963	5	17,100-	0	359,063-	5-
2008	44,255,587	1,313,091	3	6,421-	0	1,319,512-	3-
2009	14,730,400	1,844,863	13	535,993	4	1,308,869-	9-
2010	13,163,796	2,901,321	22	33,333-	0	2,934,654-	22-
2011	60,965,511	1,008,560	2	25,982-	0	1,034,542-	2-
2012	8,441,844	7,189	0	54-	0	7,243-	0
2013	10,832,382	2,701,578	25	83,128	1	2,618,450-	24-
2014	33,917,650	13,676,923	40	2,233,203	7	11,443,720-	34-
2015	19,003,181	3,313,846	17	1,553,868	8	1,759,977-	9-
2016	38,632,525	6,342,845	16	2,377,539	6	3,965,307-	10-
2017	29,526,318	7,486,189	25	338,859	1	7,147,331-	24-
2018	26,776,086	1,146,857	4	1,516,028	6	369,171	1
2019	56,757,766	29,066,477	51	2,841,438	5	26,225,039-	46-
2020	31,707,223	22,380,626	71	19,138,758	60	3,241,869-	10-
2021	49,637,822	14,816,336	30	538,208	1	14,278,128-	29-
TOTAL	492,381,686	111,814,792	23	31,355,264	6	80,459,528-	16-
THREE-YEAR MOVING AVERAGES							
03-05	14,416,321	1,012,625	7	2,792-	0	1,015,417-	7-
04-06	7,554,679	449,990	6	96,503	1	353,487-	5-
05-07	3,710,828	282,438	8	90,803	2	191,636-	5-
06-08	18,346,740	694,436	4	88,663	0	605,773-	3-
07-09	21,948,454	1,166,639	5	170,824	1	995,815-	5-
08-10	24,049,928	2,019,758	8	165,413	1	1,854,345-	8-
09-11	29,619,902	1,918,248	6	158,893	1	1,759,355-	6-
10-12	27,523,717	1,305,690	5	19,790-	0	1,325,480-	5-
11-13	26,746,579	1,239,109	5	19,031	0	1,220,079-	5-
12-14	17,730,626	5,461,897	31	772,092	4	4,689,804-	26-
13-15	21,251,071	6,564,116	31	1,290,066	6	5,274,049-	25-
14-16	30,517,785	7,777,871	25	2,054,870	7	5,723,001-	19-
15-17	29,054,008	5,714,293	20	1,423,422	5	4,290,872-	15-
16-18	31,644,976	4,991,964	16	1,410,808	4	3,581,156-	11-
17-19	37,686,723	12,566,508	33	1,565,441	4	11,001,066-	29-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	38,413,692	17,531,320	46	7,832,075	20	9,699,245-	25-
19-21	46,034,270	22,087,813	48	7,506,135	16	14,581,678-	32-
FIVE-YEAR AVERAGE							
17-21	38,881,043	14,979,297	39	4,874,658	13	10,104,639-	26-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	8,271,513	746,606	9	4,240-	0	750,846-	9-
2004	7,720,858	370,704	5		0	370,704-	5-
2005	5,125,149	59,643	1		0	59,643-	1-
2006	1,937,688	222,694	11	216,001	11	6,693-	0
2007	2,969,507	149,195	5	11,134-	0	160,329-	5-
2008	8,653,956	269,379	3	1,884-	0	271,263-	3-
2009	10,542,295	445,763	4	129,578	1	316,185-	3-
2010	15,844,993	185,925	1	231-	0	186,156-	1-
2011	11,451,126	87,656	1	387-	0	88,043-	1-
2012	500,458		0		0		0
2013	3,163,658	115,120	4	6-	0	115,126-	4-
2014	11,718,255	3,933,698	34	2,012,785	17	1,920,914-	16-
2015	9,433,339	1,917,707	20	3,039,439	32	1,121,733	12
2016	10,263,569	1,221,267	12	2,169,931	21	948,664	9
2017	6,489,274	7,373,835	114	3,681,996	57	3,691,839-	57-
2018	6,928,558	1,108,817	16	218-	0	1,109,035-	16-
2019	21,341,467	7,738,063	36	2,667,381	12	5,070,682-	24-
2020	9,341,299	2,817,859	30	472,269	5	2,345,590-	25-
2021	10,502,671	1,435,439	14	2,880,604	27	1,445,165	14
TOTAL	162,199,633	30,199,370	19	17,251,882	11	12,947,487-	8-
THREE-YEAR MOVING AVERAGES							
03-05	7,039,173	392,318	6	1,413-	0	393,731-	6-
04-06	4,927,898	217,680	4	72,000	1	145,680-	3-
05-07	3,344,115	143,844	4	68,289	2	75,555-	2-
06-08	4,520,384	213,756	5	67,661	1	146,095-	3-
07-09	7,388,586	288,112	4	38,853	1	249,259-	3-
08-10	11,680,415	300,356	3	42,488	0	257,868-	2-
09-11	12,612,805	239,781	2	42,986	0	196,795-	2-
10-12	9,265,526	91,194	1	206-	0	91,400-	1-
11-13	5,038,414	67,592	1	131-	0	67,723-	1-
12-14	5,127,457	1,349,606	26	670,926	13	678,680-	13-
13-15	8,105,084	1,988,842	25	1,684,073	21	304,769-	4-
14-16	10,471,721	2,357,557	23	2,407,385	23	49,828	0
15-17	8,728,727	3,504,270	40	2,963,789	34	540,481-	6-
16-18	7,893,800	3,234,640	41	1,950,570	25	1,284,070-	16-
17-19	11,586,433	5,406,905	47	2,116,386	18	3,290,519-	28-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	12,537,108	3,888,246	31	1,046,477	8	2,841,769-	23-
19-21	13,728,479	3,997,120	29	2,006,751	15	1,990,369-	14-
FIVE-YEAR AVERAGE							
17-21	10,920,654	4,094,802	37	1,940,406	18	2,154,396-	20-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	165,612	3,900	2	28-	0	3,928-	2-
2004	8,510,912	106,601	1		0	106,601-	1-
2005	16,696	51	0		0	51-	0
2006	248,141	7,440	3	9,220	4	1,781	1
2007	410,049	5,374	1	513-	0	5,887-	1-
2008	396,007	3,216	1	29-	0	3,244-	1-
2009	315,847	268,709	85	78,106	25	190,603-	60-
2010	618,682	44,816	7		0	44,816-	7-
2011	8,016,906		0		0		0
2012	178,209		0		0		0
2013	868,632	24,974	3		0	24,974-	3-
2014	534,481	139,240	26	864	0	138,377-	26-
2015	437,636	73,359	17	24-	0	73,383-	17-
2016	1,951,614	347,341	18	8,628	0	338,713-	17-
2017	1,902,835	2,824,261	148	267,438	14	2,556,822-	134-
2018	234,886	163,723	70	5,178-	2-	168,902-	72-
2019	2,746,991	700,029	25	41,808	2	658,221-	24-
2020	1,614,082	535,858	33	3,296	0	532,562-	33-
2021	657,650	51,578	8	856-	0	52,434-	8-
TOTAL	29,825,867	5,300,467	18	402,733	1	4,897,734-	16-
THREE-YEAR MOVING AVERAGES							
03-05	2,897,740	36,850	1	9-	0	36,860-	1-
04-06	2,925,250	38,030	1	3,073	0	34,957-	1-
05-07	224,962	4,288	2	2,903	1	1,386-	1-
06-08	351,399	5,343	2	2,893	1	2,450-	1-
07-09	373,968	92,433	25	25,855	7	66,578-	18-
08-10	443,512	105,580	24	26,026	6	79,554-	18-
09-11	2,983,812	104,508	4	26,035	1	78,473-	3-
10-12	2,937,932	14,939	1		0	14,939-	1-
11-13	3,021,249	8,325	0		0	8,325-	0
12-14	527,107	54,738	10	288	0	54,450-	10-
13-15	613,583	79,191	13	280	0	78,911-	13-
14-16	974,577	186,647	19	3,156	0	183,491-	19-
15-17	1,430,695	1,081,654	76	92,014	6	989,639-	69-
16-18	1,363,111	1,111,775	82	90,296	7	1,021,479-	75-
17-19	1,628,237	1,229,337	76	101,356	6	1,127,981-	69-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	1,531,986	466,537	30	13,309	1	453,228-	30-
19-21	1,672,908	429,155	26	14,749	1	414,405-	25-
FIVE-YEAR AVERAGE							
17-21	1,431,289	855,090	60	61,302	4	793,788-	55-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	183,388	3,598	2		0	3,598-	2-
2004	1,312,136	13,696	1		0	13,696-	1-
2005	2,538,358	6,422	0		0	6,422-	0
2006	875,085	21,863	2		0	21,863-	2-
2007	3,085,072	33,696	1		0	33,696-	1-
2008	4,740,474	32,078	1		0	32,078-	1-
2009	1,018,443	72,568	7	21,095	2	51,473-	5-
2010	378,879	4,617-	1-		0	4,617	1
2011	2,203,386	20,804	1		0	20,804-	1-
2012	2,211,734		0		0		0
2013	53,576	26,740	50		0	26,740-	50-
2014	480,639	412,717	86	2,406-	1-	415,123-	86-
2015	1,003,238	8,867	1		0	8,867-	1-
2016	343,485	94,102	27		0	94,102-	27-
2017	1,566,405	179,481	11		0	179,481-	11-
2018	116,684	146,250	125		0	146,250-	125-
2019	297,448	294,721	99	6,259	2	288,463-	97-
2020	297,052	102,042	34	2,580	1	99,463-	33-
2021	41,790	93,415	224		0	93,415-	224-
TOTAL	22,747,273	1,558,444	7	27,527	0	1,530,918-	7-
THREE-YEAR MOVING AVERAGES							
03-05	1,344,627	7,905	1		0	7,905-	1-
04-06	1,575,193	13,994	1		0	13,994-	1-
05-07	2,166,172	20,660	1		0	20,660-	1-
06-08	2,900,210	29,213	1		0	29,213-	1-
07-09	2,947,996	46,114	2	7,032	0	39,082-	1-
08-10	2,045,932	33,343	2	7,032	0	26,311-	1-
09-11	1,200,236	29,585	2	7,032	1	22,553-	2-
10-12	1,598,000	5,395	0		0	5,395-	0
11-13	1,489,565	15,848	1		0	15,848-	1-
12-14	915,316	146,486	16	802-	0	147,288-	16-
13-15	512,484	149,441	29	802-	0	150,243-	29-
14-16	609,121	171,896	28	802-	0	172,698-	28-
15-17	971,043	94,150	10		0	94,150-	10-
16-18	675,525	139,944	21		0	139,944-	21-
17-19	660,179	206,818	31	2,086	0	204,731-	31-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20	237,062	181,005	76	2,946	1	178,058-	75-
19-21	212,097	163,393	77	2,946	1	160,447-	76-
FIVE-YEAR AVERAGE							
17-21	463,876	163,182	35	1,768	0	161,414-	35-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	2,993,967	23,195	1		0	23,195-	1-
2004	17,280,991	5,591	0		0	5,591-	0
2005	7,992,284	10,932	0		0	10,932-	0
2006	11,142,930	26,623	0		0	26,623-	0
2007	15,046,388	20,549	0		0	20,549-	0
2008	13,774,412	19,910	0		0	19,910-	0
2009	5,133,126	722,480	14	5,575	0	716,905-	14-
2010	3,876,195		0		0		0
2011	6,244,032	1,784,789	29	30,815-	0	1,815,604-	29-
2012	5,248,258	57,263	1		0	57,263-	1-
2013	7,287,183	2,267,458	31	9,803-	0	2,277,261-	31-
2014	9,936,020	2,205,100	22	248,126-	2-	2,453,226-	25-
2015	10,610,136	2,745,808	26	32,537-	0	2,778,345-	26-
2016	8,180,399	4,650,518	57	26,113-	0	4,676,631-	57-
2017	16,692,671	1,527,547	9	5,751-	0	1,533,298-	9-
2018	7,916,066	375,104	5	12,617-	0	387,722-	5-
2019	23,383,559	5,310,670	23	6,247-	0	5,316,917-	23-
2020	13,928,549	3,682,931	26	25,028-	0	3,707,959-	27-
2021	12,548,607	2,320,082	18	16,691-	0	2,336,774-	19-
TOTAL	199,215,772	27,756,550	14	408,153-	0	28,164,703-	14-
THREE-YEAR MOVING AVERAGES							
03-05	9,422,414	13,239	0		0	13,239-	0
04-06	12,138,735	14,382	0		0	14,382-	0
05-07	11,393,867	19,368	0		0	19,368-	0
06-08	13,321,243	22,361	0		0	22,361-	0
07-09	11,317,975	254,313	2	1,858	0	252,455-	2-
08-10	7,594,578	247,463	3	1,858	0	245,605-	3-
09-11	5,084,451	835,756	16	8,413-	0	844,170-	17-
10-12	5,122,828	614,017	12	10,272-	0	624,289-	12-
11-13	6,259,824	1,369,837	22	13,539-	0	1,383,376-	22-
12-14	7,490,487	1,509,940	20	85,976-	1-	1,595,917-	21-
13-15	9,277,779	2,406,122	26	96,822-	1-	2,502,944-	27-
14-16	9,575,518	3,200,475	33	102,259-	1-	3,302,734-	34-
15-17	11,827,735	2,974,624	25	21,467-	0	2,996,091-	25-
16-18	10,929,712	2,184,390	20	14,827-	0	2,199,217-	20-
17-19	15,997,432	2,404,440	15	8,205-	0	2,412,645-	15-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	15,076,058	3,122,902	21	14,631-	0	3,137,532-	21-
19-21	16,620,238	3,771,228	23	15,989-	0	3,787,216-	23-
FIVE-YEAR AVERAGE							
17-21	14,893,890	2,643,267	18	13,267-	0	2,656,534-	18-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	48,400,613	27,955,625	58		0	27,955,625-	58-
2004	98,169,973	2,367,890	2		0	2,367,890-	2-
2005	11,469,863	1,190,179	10		0	1,190,179-	10-
2006	7,527,213	1,340,795	18	699,649	9	641,146-	9-
2007	14,564,570	1,562,678	11	1,006,988	7	555,690-	4-
2008	31,862,483	3,652,862	11	2,437,882	8	1,214,980-	4-
2009	16,467,918	1,557,316	9	12,860	0	1,544,456-	9-
2010	23,718,799	25,318	0		0	25,318-	0
2011	27,787,436	2,850,589	10	634,519	2	2,216,070-	8-
2012	25,180,737	278,262	1	2,202-	0	280,464-	1-
2013	30,324,064	2,909,936-	10-	31,334-	0	2,878,602	9
2014	13,509,432	4,938,911	37	2,511,680-	19-	7,450,590-	55-
2015	19,431,909	15,951,654	82	1,054,596	5	14,897,058-	77-
2016	27,978,941	3,372,337	12	92,494	0	3,279,843-	12-
2017	27,555,498	7,935,416	29	56,517	0	7,878,899-	29-
2018	29,669,738	86,327	0	10,908,160	37	10,821,833	36
2019	29,538,071	7,560,999	26	8,268,516	28	707,517	2
2020	23,668,106	5,469,630	23	1,230,232	5	4,239,398-	18-
2021	32,877,790	6,477,589	20	5,132,121	16	1,345,468-	4-
TOTAL	539,703,153	91,664,441	17	28,989,317	5	62,675,124-	12-
THREE-YEAR MOVING AVERAGES							
03-05	52,680,150	10,504,565	20		0	10,504,565-	20-
04-06	39,055,683	1,632,955	4	233,216	1	1,399,738-	4-
05-07	11,187,215	1,364,551	12	568,879	5	795,672-	7-
06-08	17,984,755	2,185,445	12	1,381,506	8	803,939-	4-
07-09	20,964,990	2,257,619	11	1,152,577	5	1,105,042-	5-
08-10	24,016,400	1,745,165	7	816,914	3	928,251-	4-
09-11	22,658,051	1,477,741	7	215,793	1	1,261,948-	6-
10-12	25,562,324	1,051,390	4	210,772	1	840,617-	3-
11-13	27,764,079	72,972	0	200,328	1	127,356	0
12-14	23,004,744	769,079	3	848,405-	4-	1,617,484-	7-
13-15	21,088,468	5,993,543	28	496,139-	2-	6,489,682-	31-
14-16	20,306,760	8,087,634	40	454,863-	2-	8,542,497-	42-
15-17	24,988,782	9,086,469	36	401,202	2	8,685,266-	35-
16-18	28,401,392	3,798,027	13	3,685,724	13	112,303-	0
17-19	28,921,102	5,194,247	18	6,411,064	22	1,216,817	4

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	27,625,305	4,372,319	16	6,802,303	25	2,429,984	9
19-21	28,694,656	6,502,739	23	4,876,956	17	1,625,783-	6-
FIVE-YEAR AVERAGE							
17-21	28,661,841	5,505,992	19	5,119,109	18	386,883-	1-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	22,939,734	16,026,461	70		0	16,026,461-	70-
2004	10,557,152	308,007	3		0	308,007-	3-
2005	7,587,256	935,882	12		0	935,882-	12-
2006	7,082,848	1,526,044	22	987,518	14	538,526-	8-
2007	10,544,205	1,298,573	12	1,037,722	10	260,851-	2-
2008	8,564,905	1,077,695	13	891,940	10	185,755-	2-
2009	12,656,242	391,900	3	3,024	0	388,877-	3-
2010	14,638,737		0		0		0
2011	1,481,400	530,248	36	9,235-	1-	539,482-	36-
2012	1,170,120	94,417	8	18,689	2	75,728-	6-
2013	14,240,814	1,027,409	7	158,429	1	868,980-	6-
2014	61,511,881	2,420,696	4	6,090-	0	2,426,786-	4-
2015	45,084,098	4,890,398	11	141,605	0	4,748,793-	11-
2016	8,067,212	1,244,188-	15-	147,564	2	1,391,751	17
2017	4,292,629	937,568	22	181,800	4	755,769-	18-
2018	975,790	10,038	1		0	10,038-	1-
2019	20,812,425	9,265,097	45	484,730-	2-	9,749,827-	47-
2020	44,776,929	2,703,092	6	2,045,368	5	657,725-	1-
2021	5,700,808	229,808	4	1,588,131	28	1,358,323	24
TOTAL	302,685,184	42,429,147	14	6,701,734	2	35,727,412-	12-
THREE-YEAR MOVING AVERAGES							
03-05	13,694,714	5,756,783	42		0	5,756,783-	42-
04-06	8,409,085	923,311	11	329,173	4	594,138-	7-
05-07	8,404,770	1,253,500	15	675,080	8	578,420-	7-
06-08	8,730,653	1,300,771	15	972,393	11	328,377-	4-
07-09	10,588,451	922,723	9	644,229	6	278,494-	3-
08-10	11,953,294	489,865	4	298,321	2	191,544-	2-
09-11	9,592,126	307,383	3	2,070-	0	309,453-	3-
10-12	5,763,419	208,221	4	3,151	0	205,070-	4-
11-13	5,630,778	550,691	10	55,961	1	494,730-	9-
12-14	25,640,938	1,180,841	5	57,009	0	1,123,831-	4-
13-15	40,278,931	2,779,501	7	97,982	0	2,681,520-	7-
14-16	38,221,064	2,022,302	5	94,360	0	1,927,943-	5-
15-17	19,147,980	1,527,926	8	156,989	1	1,370,937-	7-
16-18	4,445,211	98,860-	2-	109,788	2	208,648	5
17-19	8,693,615	3,404,234	39	100,977-	1-	3,505,211-	40-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	22,188,382	3,992,742	18	520,213	2	3,472,530-	16-
19-21	23,763,387	4,065,999	17	1,049,590	4	3,016,410-	13-
FIVE-YEAR AVERAGE							
17-21	15,311,716	2,629,121	17	666,114	4	1,963,007-	13-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	2,017,140	730,763	36		0	730,763-	36-
2004	5,600,030	108,757	2		0	108,757-	2-
2005	618,204	62,074-	10-		0	62,074	10
2006	1,486,737	166,106	11	69,096	5	97,010-	7-
2007	4,306,631	275,031	6	141,281	3	133,750-	3-
2008	6,463,117	436,314	7	232,127	4	204,187-	3-
2009	1,865,496	246,594	13	1,903	0	244,691-	13-
2010	227,512		0		0		0
2011	4,776,515	533,264	11	238-	0	533,503-	11-
2012	8,645,354	6,016	0		0	6,015-	0
2013	10,194,964	565,104	6	14,212	0	550,892-	5-
2014	5,129,965	909,590	18	2,447-	0	912,037-	18-
2015	9,412,979	2,625,011	28	36,423	0	2,588,588-	28-
2016	3,396,598	205,013	6	523-	0	205,536-	6-
2017	7,341,862	155,234	2		0	155,234-	2-
2018	9,433,289	148,432	2	106	0	148,326-	2-
2019	7,990,516	875,359	11	41,804-	1-	917,163-	11-
2020	5,109,956	468,300	9	11,607-	0	479,907-	9-
2021	2,484,116	99,882	4		0	99,882-	4-
TOTAL	96,500,980	8,492,695	9	438,528	0	8,054,167-	8-
THREE-YEAR MOVING AVERAGES							
03-05	2,745,125	259,149	9		0	259,149-	9-
04-06	2,568,324	70,930	3	23,032	1	47,898-	2-
05-07	2,137,191	126,354	6	70,126	3	56,229-	3-
06-08	4,085,495	292,484	7	147,501	4	144,982-	4-
07-09	4,211,748	319,313	8	125,104	3	194,209-	5-
08-10	2,852,042	227,636	8	78,010	3	149,626-	5-
09-11	2,289,841	259,953	11	555	0	259,398-	11-
10-12	4,549,794	179,760	4	79-	0	179,839-	4-
11-13	7,872,278	368,128	5	4,658	0	363,470-	5-
12-14	7,990,094	493,570	6	3,922	0	489,648-	6-
13-15	8,245,969	1,366,568	17	16,063	0	1,350,506-	16-
14-16	5,979,847	1,246,538	21	11,151	0	1,235,387-	21-
15-17	6,717,146	995,086	15	11,967	0	983,119-	15-
16-18	6,723,916	169,560	3	139-	0	169,699-	3-
17-19	8,255,222	393,008	5	13,899-	0	406,908-	5-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	7,511,254	497,364	7	17,768-	0	515,132-	7-
19-21	5,194,863	481,180	9	17,804-	0	498,984-	10-
FIVE-YEAR AVERAGE							
17-21	6,471,948	349,442	5	10,661-	0	360,102-	6-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	234,223	108,030-	46-		0	108,030	46
2004	3,812,103	73,425-	2-		0	73,425	2
2005							
2006	3,842	546-	14-		0	546	14
2007	1,981,446	161,101-	8-		0	161,101	8
2008	2,411,117	200,288-	8-		0	200,288	8
2009	7,448	231,470		1,786	24	229,684-	
2010	1,323,573	0			0		0
2011	2,325,751	28,322	1		0	28,322-	1-
2012	10,157,360	7,311	0		0	7,311-	0
2013	106,097	138,554	131		0	138,554-	131-
2014	88,983	227,283	255	5,542-	6-	232,825-	262-
2015	116,962	12,546	11		0	12,546-	11-
2016	1,048,928	129,331	12	196-	0	129,527-	12-
2017	2,039,222	283,699	14	945-	0	284,644-	14-
2018	410,845	79,433	19		0	79,433-	19-
2019	630,705	48,876	8		0	48,876-	8-
2020	377,220	306,721	81	36,495	10	270,226-	72-
2021	394,777	91,464	23	1,991-	1-	93,455-	24-
TOTAL	27,470,601	1,041,620	4	29,607	0	1,012,013-	4-
THREE-YEAR MOVING AVERAGES							
03-05	1,348,775	60,485-	4-		0	60,485	4
04-06	1,271,982	24,657-	2-		0	24,657	2
05-07	661,763	53,882-	8-		0	53,882	8
06-08	1,465,468	120,645-	8-		0	120,645	8
07-09	1,466,670	43,306-	3-	595	0	43,902	3
08-10	1,247,379	10,394	1	595	0	9,799-	1-
09-11	1,218,924	86,597	7	595	0	86,002-	7-
10-12	4,602,228	11,878	0		0	11,878-	0
11-13	4,196,403	58,062	1		0	58,062-	1-
12-14	3,450,813	124,383	4	1,847-	0	126,230-	4-
13-15	104,014	126,128	121	1,847-	2-	127,975-	123-
14-16	418,291	123,053	29	1,913-	0	124,966-	30-
15-17	1,068,371	141,858	13	380-	0	142,239-	13-
16-18	1,166,331	164,154	14	380-	0	164,535-	14-
17-19	1,026,924	137,336	13	315-	0	137,651-	13-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20	472,924	145,010	31	12,165	3	132,845-	28-
19-21	467,568	149,020	32	11,501	2	137,519-	29-
FIVE-YEAR AVERAGE							
17-21	770,554	162,039	21	6,712	1	155,327-	20-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	303,059	62,328	21		0	62,328-	21-
2004	184,892	15,946	9		0	15,946-	9-
2005	313,028	7,726	2		0	7,726-	2-
2006	1,278,837	163,646	13		0	163,646-	13-
2007	171,422	14,528	8		0	14,528-	8-
2008	1,258,668	24,710	2		0	24,710-	2-
2009	284,419	785	0		0	785-	0
2010	8,567	77,286	902		0	77,286-	902-
2011	347,027	15,488	4		0	15,488-	4-
2012	162,587		0		0		0
2013	29,704		0		0		0
2014	1,285,095	758,694	59	2,154-	0	760,848-	59-
2015	6,028,355	207,051	3		0	207,051-	3-
2016	353,535	1,104,411	312	715-	0	1,105,126-	313-
2017	1,871,828	1,704,754	91	161-	0	1,704,915-	91-
2018	984,203	456,755	46	37-	0	456,792-	46-
2019	2,709,653	2,954,517	109	1,067-	0	2,955,585-	109-
2020	1,341,918	713,008	53	50-	0	713,058-	53-
2021	219,494	525,079	239	3,365-	2-	528,444-	241-
TOTAL	19,136,291	8,806,712	46	7,549-	0	8,814,261-	46-
THREE-YEAR MOVING AVERAGES							
03-05	266,993	28,667	11		0	28,667-	11-
04-06	592,252	62,439	11		0	62,439-	11-
05-07	587,762	61,966	11		0	61,966-	11-
06-08	902,976	67,628	7		0	67,628-	7-
07-09	571,503	13,341	2		0	13,341-	2-
08-10	517,218	34,260	7		0	34,260-	7-
09-11	213,338	31,186	15		0	31,186-	15-
10-12	172,727	30,925	18		0	30,925-	18-
11-13	179,773	5,163	3		0	5,163-	3-
12-14	492,462	252,898	51	718-	0	253,616-	51-
13-15	2,447,718	321,915	13	718-	0	322,633-	13-
14-16	2,555,662	690,052	27	956-	0	691,008-	27-
15-17	2,751,239	1,005,405	37	292-	0	1,005,697-	37-
16-18	1,069,855	1,088,640	102	304-	0	1,088,944-	102-
17-19	1,855,228	1,705,342	92	422-	0	1,705,764-	92-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20	1,678,592	1,374,760	82	385-	0	1,375,145-	82-
19-21	1,423,688	1,397,535	98	1,494-	0	1,399,029-	98-
FIVE-YEAR AVERAGE							
17-21	1,425,419	1,270,823	89	936-	0	1,271,759-	89-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	103,164-		0		0		0
2004	134,432	30,145	22		0	30,145-	22-
2005	396,929	25,470	6		0	25,470-	6-
2006	39,286	13,071	33	77-	0	13,147-	33-
2007	290,189	78,150	27	1,265-	0	79,415-	27-
2008	11,769,707	582,851	5	42,452-	0	625,304-	5-
2009		1,797				1,797-	
2010	62,429		0		0		0
2011		676,621				676,621-	
2012	27,687		0		0		0
2013	32,246		0		0		0
2014	442,257	3,743,321	846	13,435-	3-	3,756,756-	849-
2015	453,265	530,234	117		0	530,234-	117-
2016	756,158	843,697	112		0	843,697-	112-
2017	361,907	68,990	19		0	68,990-	19-
2018	834,598	2,135,213	256		0	2,135,213-	256-
2019	2,921,727	3,002,777	103	499-	0	3,003,275-	103-
2020	4,508,006	1,481,362	33		0	1,481,362-	33-
2021	2,523,146	369,879	15		0	369,879-	15-
TOTAL	25,450,805	13,583,578	53	57,727-	0	13,641,305-	54-
THREE-YEAR MOVING AVERAGES							
03-05	142,732	18,539	13		0	18,539-	13-
04-06	190,216	22,895	12	26-	0	22,921-	12-
05-07	242,135	38,897	16	447-	0	39,344-	16-
06-08	4,033,061	224,691	6	14,598-	0	239,289-	6-
07-09	4,019,965	220,933	5	14,572-	0	235,505-	6-
08-10	3,944,045	194,883	5	14,151-	0	209,033-	5-
09-11	20,810	226,139			0	226,139-	
10-12	30,039	225,540	751		0	225,540-	751-
11-13	19,978	225,540			0	225,540-	
12-14	167,397	1,247,774	745	4,478-	3-	1,252,252-	748-
13-15	309,256	1,424,518	461	4,478-	1-	1,428,997-	462-
14-16	550,560	1,705,751	310	4,478-	1-	1,710,229-	311-
15-17	523,776	480,974	92		0	480,974-	92-
16-18	650,888	1,015,966	156		0	1,015,966-	156-
17-19	1,372,744	1,735,660	126	166-	0	1,735,826-	126-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	2,754,777	2,206,450	80	166-	0	2,206,617-	80-
19-21	3,317,627	1,618,006	49	166-	0	1,618,172-	49-
FIVE-YEAR AVERAGE							
17-21	2,229,877	1,411,644	63	100-	0	1,411,744-	63-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,305	590	45		0	590-	45-
2004	2,826,734	536,356	19		0	536,356-	19-
2005	5,506,025	298,956	5		0	298,956-	5-
2006	369,116	103,914	28	1,439-	0	105,353-	29-
2007	1,405,549	262,061	19	10,027-	1-	272,088-	19-
2008	7,094,740	297,288	4	51,180-	1-	348,469-	5-
2009	195,071	1,333	1		0	1,333-	1-
2010	24,261	15,621	64		0	15,621-	64-
2011	2,357,244	274,869	12	330-	0	275,198-	12-
2012	414,706		0		0		0
2013	597,988		0		0		0
2014	5,462,060	5,590,089	102	18,621-	0	5,608,710-	103-
2015	970,188	247,878	26	8,732	1	239,146-	25-
2016	2,690,690	132,913	5	3,010	0	129,904-	5-
2017	4,744,936	2,570,515	54	263,956	6	2,306,559-	49-
2018	9,676,230	462,561	5		0	462,561-	5-
2019	2,453,444	9,112,321	371	747,838	30	8,364,483-	341-
2020	30,076,722	219,692	1	24,000	0	195,692-	1-
2021	34,359,050	3,160,001	9	93,368	0	3,066,633-	9-
TOTAL	111,226,060	23,286,959	21	1,059,307	1	22,227,653-	20-
THREE-YEAR MOVING AVERAGES							
03-05	2,778,021	278,634	10		0	278,634-	10-
04-06	2,900,625	313,076	11	480-	0	313,555-	11-
05-07	2,426,897	221,644	9	3,822-	0	225,466-	9-
06-08	2,956,468	221,088	7	20,882-	1-	241,970-	8-
07-09	2,898,453	186,894	6	20,402-	1-	207,297-	7-
08-10	2,438,024	104,748	4	17,060-	1-	121,808-	5-
09-11	858,859	97,274	11	110-	0	97,384-	11-
10-12	932,070	96,830	10	110-	0	96,940-	10-
11-13	1,123,313	91,623	8	110-	0	91,733-	8-
12-14	2,158,251	1,863,363	86	6,207-	0	1,869,570-	87-
13-15	2,343,412	1,945,989	83	3,296-	0	1,949,285-	83-
14-16	3,040,979	1,990,293	65	2,293-	0	1,992,586-	66-
15-17	2,801,938	983,769	35	91,899	3	891,870-	32-
16-18	5,703,952	1,055,330	19	88,988	2	966,341-	17-
17-19	5,624,870	4,048,466	72	337,264	6	3,711,201-	66-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	14,068,799	3,264,858	23	257,279	2	3,007,579-	21-
19-21	22,296,406	4,164,004	19	288,402	1	3,875,603-	17-
FIVE-YEAR AVERAGE							
17-21	16,262,077	3,105,018	19	225,832	1	2,879,186-	18-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	331,675	40,928	12		0	40,928-	12-
2004	212,237	10,983	5		0	10,983-	5-
2005	179,350	2,656	1		0	2,656-	1-
2006	388,600	29,836	8	757-	0	30,594-	8-
2007	11,812	601	5	42-	0	643-	5-
2008	535,995	6,125	1	1,933-	0	8,059-	2-
2009	95,637	327	0		0	327-	0
2010	170,727	17,862	10		0	17,862-	10-
2011	772,159	16,478	2		0	16,478-	2-
2012	93,876		0		0		0
2013	99,747		0		0		0
2014	592,841	353,227	60	1,139-	0	354,366-	60-
2015	434,628	91,941	21		0	91,941-	21-
2016	615,423	114,925	19	206-	0	115,131-	19-
2017	567,771	42,992	8		0	42,992-	8-
2018	913,168	64,212	7		0	64,212-	7-
2019	2,234,216	555,864	25		0	555,864-	25-
2020	5,761,654	385,325	7		0	385,325-	7-
2021	219,643	178,544	81		0	178,544-	81-
TOTAL	14,231,158	1,912,826	13	4,078-	0	1,916,904-	13-
THREE-YEAR MOVING AVERAGES							
03-05	241,087	18,189	8		0	18,189-	8-
04-06	260,062	14,492	6	252-	0	14,744-	6-
05-07	193,254	11,031	6	267-	0	11,297-	6-
06-08	312,136	12,187	4	911-	0	13,098-	4-
07-09	214,481	2,351	1	658-	0	3,009-	1-
08-10	267,453	8,105	3	644-	0	8,749-	3-
09-11	346,174	11,556	3		0	11,556-	3-
10-12	345,587	11,447	3		0	11,447-	3-
11-13	321,927	5,493	2		0	5,493-	2-
12-14	262,155	117,742	45	380-	0	118,122-	45-
13-15	375,739	148,389	39	380-	0	148,769-	40-
14-16	547,631	186,698	34	448-	0	187,146-	34-
15-17	539,274	83,286	15	69-	0	83,355-	15-
16-18	698,787	74,043	11	69-	0	74,112-	11-
17-19	1,238,385	221,023	18		0	221,023-	18-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20	2,969,679	335,134	11		0	335,134-	11-
19-21	2,738,504	373,244	14		0	373,244-	14-
FIVE-YEAR AVERAGE							
17-21	1,939,290	245,387	13		0	245,387-	13-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	47,178	4,851	10		0	4,851-	10-
2004	1,000	43	4		0	43-	4-
2005	79,427	980	1		0	980-	1-
2006	1,210,123	77,427	6		0	77,427-	6-
2007	67,432	2,857	4		0	2,857-	4-
2008	256,855	2,446	1		0	2,446-	1-
2009	435,026	107	0		0	107-	0
2010	5,333	11,263	211		0	11,263-	211-
2011	268,481	94,839	35	10,708-	4-	105,547-	39-
2012	2,354		0		0		0
2013	6,503		0		0		0
2014		550,683		1,841-		552,524-	
2015		2,240,087		112,517-		2,352,604-	
2016	129,085	46,271	36		0	46,271-	36-
2017	246,482	8,355	3		0	8,355-	3-
2018	282,725	16,626	6		0	16,626-	6-
2019	499,692	23,797	5		0	23,797-	5-
2020	5,228	1,050	20		0	1,050-	20-
2021	58,297		0		0		0
TOTAL	3,601,221	3,081,682	86	125,066-	3-	3,206,748-	89-
THREE-YEAR MOVING AVERAGES							
03-05	42,535	1,958	5		0	1,958-	5-
04-06	430,183	26,150	6		0	26,150-	6-
05-07	452,327	27,088	6		0	27,088-	6-
06-08	511,470	27,577	5		0	27,577-	5-
07-09	253,104	1,803	1		0	1,803-	1-
08-10	232,405	4,605	2		0	4,605-	2-
09-11	236,280	35,403	15	3,569-	2-	38,972-	16-
10-12	92,056	35,367	38	3,569-	4-	38,937-	42-
11-13	92,446	31,613	34	3,569-	4-	35,182-	38-
12-14	2,952	183,561		614-	21-	184,175-	
13-15	2,168	930,257		38,120-		968,376-	
14-16	43,028	945,680		38,120-	89-	983,800-	
15-17	125,189	764,904	611	37,506-	30-	802,410-	641-
16-18	219,431	23,751	11		0	23,751-	11-
17-19	342,967	16,259	5		0	16,259-	5-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20	262,549	13,824	5		0	13,824-	5-
19-21	187,739	8,282	4		0	8,282-	4-
FIVE-YEAR AVERAGE							
17-21	218,485	9,965	5		0	9,965-	5-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
2003	9,881		0		0		0
2004							
2005							
2006							
2007							
2008	125,396		0		0		0
2009	1,289	52	4		0	52-	4-
2010	2,773		0		0		0
2011		5,000				5,000-	
2012							
2013							
2014	232,152	343,457	148		0	343,457-	148-
2015							
2016							
2017							
2018							
2019							
2020							
2021							
TOTAL	371,490	348,509	94		0	348,509-	94-
THREE-YEAR MOVING AVERAGES							
03-05	3,294		0		0		0
04-06							
05-07							
06-08	41,799		0		0		0
07-09	42,228	17	0		0	17-	0
08-10	43,153	17	0		0	17-	0
09-11	1,354	1,684	124		0	1,684-	124-
10-12	924	1,667	180		0	1,667-	180-
11-13		1,667				1,667-	
12-14	77,384	114,486	148		0	114,486-	148-
13-15	77,384	114,486	148		0	114,486-	148-
14-16	77,384	114,486	148		0	114,486-	148-
15-17							
16-18							
17-19							

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20							
19-21							
FIVE-YEAR AVERAGE							
17-21							

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2004	84,115		0		0		0
2005							
2006							
2007							
2008	59,043		0		0		0
2009				65,997		65,997	
2010							
2011							
2012	100,383		0		0		0
2013							
2014							
2015	43,560	3,703	9		0	3,703-	9-
2016	135,844		0		0		0
2017	2,669,973	667,591	25	1,700-	0	669,291-	25-
2018	72,194	3,616	5		0	3,616-	5-
2019	494,476	1,479,073	299		0	1,479,073-	299-
2020	346,866	413,478	119	35,335	10	378,142-	109-
2021	338,188	886,152	262		0	886,152-	262-
TOTAL	4,344,641	3,453,612	79	99,632	2	3,353,980-	77-
THREE-YEAR MOVING AVERAGES							
04-06	28,038		0		0		0
05-07							
06-08	19,681		0		0		0
07-09	19,681		0	21,999	112	21,999	112
08-10	19,681		0	21,999	112	21,999	112
09-11				21,999		21,999	
10-12	33,461		0		0		0
11-13	33,461		0		0		0
12-14	33,461		0		0		0
13-15	14,520	1,234	9		0	1,234-	9-
14-16	59,801	1,234	2		0	1,234-	2-
15-17	949,792	223,764	24	567-	0	224,331-	24-
16-18	959,337	223,736	23	567-	0	224,302-	23-
17-19	1,078,881	716,760	66	567-	0	717,326-	66-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20	304,512	632,056	208	11,778	4	620,277-	204-
19-21	393,177	926,234	236	11,778	3	914,456-	233-
FIVE-YEAR AVERAGE							
17-21	784,339	689,982	88	6,727	1	683,255-	87-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2007		73,462-				73,462	
2008	678,087	28,935-	4-		0	28,935	4
2009				33,774		33,774	
2010							
2011							
2012	393,409		0		0		0
2013							
2014	152,372		0		0		0
2015	665,472	54,162	8		0	54,162-	8-
2016	208,513	9,542	5	210,080	101	200,538	96
2017	60,785	6,802	11	47,363	78	40,561	67
2018	823,391	7,000	1		0	7,000-	1-
2019	266,181	160,207	60		0	160,207-	60-
2020	715,601	253,016	35	29,874	4	223,142-	31-
2021	45,360		0		0		0
TOTAL	4,009,171	388,332	10	321,091	8	67,240-	2-
THREE-YEAR MOVING AVERAGES							
07-09	226,029	34,132-	15-	11,258	5	45,390	20
08-10	226,029	9,645-	4-	11,258	5	20,903	9
09-11				11,258		11,258	
10-12	131,136		0		0		0
11-13	131,136		0		0		0
12-14	181,927		0		0		0
13-15	272,615	18,054	7		0	18,054-	7-
14-16	342,119	21,235	6	70,027	20	48,792	14
15-17	311,590	23,502	8	85,814	28	62,313	20
16-18	364,230	7,781	2	85,814	24	78,033	21
17-19	383,452	58,003	15	15,788	4	42,215-	11-
18-20	601,724	140,074	23	9,958	2	130,116-	22-
19-21	342,381	137,741	40	9,958	3	127,783-	37-
FIVE-YEAR AVERAGE							
17-21	382,264	85,405	22	15,447	4	69,957-	18-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	303,883	467,376	154		0	467,376-	154-
2004							
2005							
2006							
2007		906,796-				906,796	
2008	2,348,509	357,167-	15-		0	357,167	15
2009				549,189		549,189	
2010		611,605		6,332,053		5,720,448	
2011	597,868		0		0		0
2012	14,857,157		0		0		0
2013	7,877,527		0		0		0
2014	11,876,939	466,433	4	13,833,621	116	13,367,188	113
2015	8,818,791	593,326	7	1,744,232	20	1,150,906	13
2016	17,918,917	3,313,256	18	16,870,580	94	13,557,324	76
2017	972,611	399,399	41		0	399,399-	41-
2018	3,449,167	115,891	3		0	115,891-	3-
2019	12,748,254	845,246	7	321,700	3	523,546-	4-
2020	21,085,469	2,253,079	11	22,483,976	107	20,230,897	96
2021	22,731,371	507,308	2	6,155,655	27	5,648,347	25
TOTAL	125,586,463	8,308,955	7	68,291,006	54	59,982,050	48

THREE-YEAR MOVING AVERAGES

03-05	101,294	155,792	154		0	155,792-	154-
04-06							
05-07		302,265-				302,265	
06-08	782,836	421,321-	54-		0	421,321	54
07-09	782,836	421,321-	54-	183,063	23	604,384	77
08-10	782,836	84,813	11	2,293,747	293	2,208,935	282
09-11	199,289	203,868	102	2,293,747		2,089,879	
10-12	5,151,675	203,868	4	2,110,684	41	1,906,816	37
11-13	7,777,517		0		0		0
12-14	11,537,208	155,478	1	4,611,207	40	4,455,729	39
13-15	9,524,419	353,253	4	5,192,617	55	4,839,365	51
14-16	12,871,549	1,457,672	11	10,816,144	84	9,358,473	73
15-17	9,236,773	1,435,327	16	6,204,937	67	4,769,610	52
16-18	7,446,898	1,276,182	17	5,623,527	76	4,347,345	58
17-19	5,723,344	453,512	8	107,233	2	346,279-	6-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	12,427,630	1,071,405	9	7,601,892	61	6,530,487	53
19-21	18,855,031	1,201,878	6	9,653,777	51	8,451,899	45
FIVE-YEAR AVERAGE							
17-21	12,197,374	824,185	7	5,792,266	47	4,968,082	41

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2015	17,847,444		0		0		0
2016	48,686,956		0	51,278,830	105	51,278,830	105
2017							
2018							
2019							
2020	27,254,802	3,536,060	13	43,330,513	159	39,794,453	146
2021	25,321,040	1,733,877	7	26,982,070	107	25,248,193	100
TOTAL	119,110,242	5,269,937	4	121,591,414	102	116,321,476	98
THREE-YEAR MOVING AVERAGES							
15-17	22,178,133		0	17,092,943	77	17,092,943	77
16-18	16,228,985		0	17,092,943	105	17,092,943	105
17-19							
18-20	9,084,934	1,178,687	13	14,443,504	159	13,264,818	146
19-21	17,525,281	1,756,646	10	23,437,528	134	21,680,882	124
FIVE-YEAR AVERAGE							
17-21	10,515,168	1,053,987	10	14,062,517	134	13,008,529	124

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	26,297	40,445	154		0	40,445-	154-
2004	4,554		0		0		0
2005	5,003		0		0		0
2006							
2007		1,267,624-				1,267,624	
2008	9,000,593	499,289-	6-		0	499,289	6
2009	2,678,372		0	444,778	17	444,778	17
2010	6,286,291		0		0		0
2011	336,428	111,700-	33-		0	111,700	33
2012	18,330,397	356,039	2	4,927,912	27	4,571,873	25
2013							
2014	9,019,434	861,572	10	5,207,622	58	4,346,050	48
2015	4,789,584	2,104	0		0	2,104-	0
2016	513,557	300,437	59	6,517,421		6,216,985	
2017	1,400,401	163,125	12	500-	0	163,625-	12-
2018	200,699	34,916	17		0	34,916-	17-
2019	1,235,355	2,745,956	222	1,650,785	134	1,095,171-	89-
2020	807,270	4,700,260	582	3,050,455	378	1,649,805-	204-
2021	42,673	51,786	121		0	51,786-	121-
TOTAL	54,676,909	7,378,028	13	21,798,473	40	14,420,445	26
THREE-YEAR MOVING AVERAGES							
03-05	11,951	13,482	113		0	13,482-	113-
04-06	3,186		0		0		0
05-07	1,668	422,541-			0	422,541	
06-08	3,000,198	588,971-	20-		0	588,971	20
07-09	3,892,988	588,971-	15-	148,259	4	737,230	19
08-10	5,988,419	166,430-	3-	148,259	2	314,689	5
09-11	3,100,364	37,233-	1-	148,259	5	185,493	6
10-12	8,317,705	81,446	1	1,642,637	20	1,561,191	19
11-13	6,222,275	81,446	1	1,642,637	26	1,561,191	25
12-14	9,116,610	405,870	4	3,378,511	37	2,972,641	33
13-15	4,603,006	287,892	6	1,735,874	38	1,447,982	31
14-16	4,774,192	388,038	8	3,908,348	82	3,520,310	74
15-17	2,234,514	155,222	7	2,172,307	97	2,017,085	90
16-18	704,886	166,159	24	2,172,307	308	2,006,148	285
17-19	945,485	981,333	104	550,095	58	431,238-	46-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	747,775	2,493,711	333	1,567,080	210	926,631-	124-
19-21	695,099	2,499,334	360	1,567,080	225	932,254-	134-
FIVE-YEAR AVERAGE							
17-21	737,280	1,539,209	209	940,148	128	599,061-	81-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2007		146,770-				146,770	
2008	2,257,924	57,809-	3-		0	57,809	3
2009	107,677		0	48,613	45	48,613	45
2010		4,681				4,681-	
2011							
2012	122,634		0		0		0
2013	212,986		0		0		0
2014	510,919	12,915	3		0	12,915-	3-
2015	1,421,152	38,487	3		0	38,487-	3-
2016	2,210,573	30,297	1		0	30,297-	1-
2017	725,445	51,789	7		0	51,789-	7-
2018	194,633		0		0		0
2019	320,101	77,826	24		0	77,826-	24-
2020	438,847	132,803	30	25,062	6	107,741-	25-
2021	1,861,403	23,371	1	36-	0	23,408-	1-
TOTAL	10,384,293	167,590	2	73,638	1	93,952-	1-
THREE-YEAR MOVING AVERAGES							
07-09	788,534	68,193-	9-	16,204	2	84,397	11
08-10	788,534	17,709-	2-	16,204	2	33,914	4
09-11	35,892	1,560	4	16,204	45	14,644	41
10-12	40,878	1,560	4		0	1,560-	4-
11-13	111,873		0		0		0
12-14	282,180	4,305	2		0	4,305-	2-
13-15	715,019	17,134	2		0	17,134-	2-
14-16	1,380,881	27,233	2		0	27,233-	2-
15-17	1,452,390	40,191	3		0	40,191-	3-
16-18	1,043,550	27,362	3		0	27,362-	3-
17-19	413,393	43,205	10		0	43,205-	10-
18-20	317,860	70,210	22	8,354	3	61,856-	19-
19-21	873,450	78,000	9	8,342	1	69,658-	8-
FIVE-YEAR AVERAGE							
17-21	708,086	57,158	8	5,005	1	52,153-	7-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	111,503		0		0		0
2004	18,347		0		0		0
2005							
2006							
2007							
2008	27,500		0		0		0
2009				6,448		6,448	
2010		1,422				1,422-	
2011							
2012	83,880		0		0		0
2013							
2014		2,948				2,948-	
2015							
2016	121,349	20,448	17		0	20,448-	17-
2017	16,753	129	1		0	129-	1-
2018	52,825	586	1		0	586-	1-
2019	484,717	54,266	11		0	54,266-	11-
2020	784,884	137,498	18	13,205	2	124,293-	16-
2021	178,737	37,832	21		0	37,832-	21-
TOTAL	1,880,494	255,129	14	19,653	1	235,475-	13-
THREE-YEAR MOVING AVERAGES							
03-05	43,283		0		0		0
04-06	6,116		0		0		0
05-07							
06-08	9,167		0		0		0
07-09	9,167		0	2,149	23	2,149	23
08-10	9,167	474	5	2,149	23	1,675	18
09-11		474		2,149		1,675	
10-12	27,960	474	2		0	474-	2-
11-13	27,960		0		0		0
12-14	27,960	982	4		0	982-	4-
13-15		982				982-	
14-16	40,450	7,798	19		0	7,798-	19-
15-17	46,034	6,859	15		0	6,859-	15-
16-18	63,642	7,054	11		0	7,054-	11-
17-19	184,765	18,327	10		0	18,327-	10-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	440,809	64,117	15	4,402	1	59,715-	14-
19-21	482,779	76,532	16	4,402	1	72,130-	15-
FIVE-YEAR AVERAGE							
17-21	303,583	46,062	15	2,641	1	43,421-	14-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,000	82	8		0	82-	8-
2004	3,603	297	8		0	297-	8-
2005	11,718	636	5		0	636-	5-
2006	39,841	1,313	3		0	1,313-	3-
2007	11,011	3,010	27		0	3,010-	27-
2008	107,467	16,411	15		0	16,411-	15-
2009	6,980	5,680	81	8,615	123	2,935	42
2010	3,037		0		0		0
2011	61,386	43,287	71	8,916	15	34,372-	56-
2012							
2013	4,952	2,330	47		0	2,330-	47-
2014							
2015	505,349	105,951	21	599	0	105,352-	21-
2016	371,789	194,994	52		0	194,994-	52-
2017	1,434,822	19,972	1		0	19,972-	1-
2018	3,162,958	98,812	3		0	98,812-	3-
2019	2,033,434	123,428	6	30-	0	123,458-	6-
2020	6,882,023	601,032	9	988-	0	602,021-	9-
2021	3,862,199	429,526	11		0	429,526-	11-
TOTAL	18,503,568	1,646,760	9	17,111	0	1,629,649-	9-
THREE-YEAR MOVING AVERAGES							
03-05	5,440	338	6		0	338-	6-
04-06	18,387	748	4		0	748-	4-
05-07	20,857	1,653	8		0	1,653-	8-
06-08	52,773	6,911	13		0	6,911-	13-
07-09	41,819	8,367	20	2,872	7	5,495-	13-
08-10	39,161	7,364	19	2,872	7	4,492-	11-
09-11	23,801	16,322	69	5,844	25	10,479-	44-
10-12	21,474	14,429	67	2,972	14	11,457-	53-
11-13	22,113	15,206	69	2,972	13	12,234-	55-
12-14	1,651	777	47		0	777-	47-
13-15	170,100	36,093	21	200	0	35,894-	21-
14-16	292,379	100,315	34	200	0	100,115-	34-
15-17	770,653	106,972	14	200	0	106,773-	14-
16-18	1,656,523	104,593	6		0	104,593-	6-
17-19	2,210,404	80,737	4	10-	0	80,747-	4-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	4,026,138	274,424	7	339-	0	274,764-	7-
19-21	4,259,219	384,662	9	339-	0	385,002-	9-
FIVE-YEAR AVERAGE							
17-21	3,475,087	254,554	7	204-	0	254,758-	7-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	17,738,212	3,490,008	20	117	0	3,489,890-	20-
2004	17,047,459	3,367,097	20	85,631	1	3,281,466-	19-
2005	10,262,025	1,335,945	13	131,866	1	1,204,079-	12-
2006	9,693,772	766,651	8	145,690	2	620,960-	6-
2007	6,113,465	4,010,307	66	158,705	3	3,851,602-	63-
2008	9,963,335	3,651,642	37	313,290	3	3,338,352-	34-
2009	5,043,136	148,390	3	225,245	4	76,855	2
2010	2,707,581	37,328	1	14,776-	1-	52,104-	2-
2011	7,368,809	6,119,610	83	224,985	3	5,894,624-	80-
2012	4,401,247	3,006,294	68	49,548	1	2,956,746-	67-
2013	9,344,398	4,236,700	45	141,533	2	4,095,167-	44-
2014	7,656,698	2,036,734	27	646,961-	8-	2,683,695-	35-
2015	16,548,438	4,285,203	26	713,503	4	3,571,700-	22-
2016	6,116,076	1,204,017	20	7,956-	0	1,211,973-	20-
2017	20,904,567	4,637,070	22	366,317	2	4,270,753-	20-
2018	56,547,216	373,079	1	238-	0	373,317-	1-
2019	31,909,822	6,379,429	20	17,573	0	6,361,856-	20-
2020	45,971,210	6,512,412	14	95,433	0	6,416,980-	14-
2021	31,258,501	3,502,807	11	184,173	1	3,318,635-	11-
TOTAL	316,595,966	59,100,723	19	2,183,678	1	56,917,044-	18-
THREE-YEAR MOVING AVERAGES							
03-05	15,015,899	2,731,016	18	72,538	0	2,658,478-	18-
04-06	12,334,419	1,823,231	15	121,063	1	1,702,168-	14-
05-07	8,689,754	2,037,634	23	145,420	2	1,892,214-	22-
06-08	8,590,191	2,809,533	33	205,895	2	2,603,638-	30-
07-09	7,039,979	2,603,446	37	232,413	3	2,371,033-	34-
08-10	5,904,684	1,279,120	22	174,586	3	1,104,534-	19-
09-11	5,039,842	2,101,776	42	145,151	3	1,956,624-	39-
10-12	4,825,879	3,054,410	63	86,586	2	2,967,825-	61-
11-13	7,038,151	4,454,201	63	138,689	2	4,315,512-	61-
12-14	7,134,115	3,093,243	43	151,960-	2-	3,245,203-	45-
13-15	11,183,178	3,519,546	31	69,358	1	3,450,188-	31-
14-16	10,107,071	2,508,651	25	19,529	0	2,489,123-	25-
15-17	14,523,027	3,375,430	23	357,288	2	3,018,142-	21-
16-18	27,855,953	2,071,389	7	119,374	0	1,952,014-	7-
17-19	36,453,868	3,796,526	10	127,884	0	3,668,642-	10-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	44,809,416	4,421,640	10	37,589	0	4,384,051-	10-
19-21	36,379,844	5,464,883	15	99,060	0	5,365,823-	15-
FIVE-YEAR AVERAGE							
17-21	37,318,263	4,280,960	11	132,652	0	4,148,308-	11-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	2,377,063	974,352	41		0	974,352-	41-
2004	1,436,943	591,281	41		0	591,281-	41-
2005	1,753,085	475,464	27		0	475,464-	27-
2006	7,838,052	1,291,432	16		0	1,291,432-	16-
2007	776,734	1,061,503	137		0	1,061,503-	137-
2008	539,903	412,247	76		0	412,247-	76-
2009	2,190,818	58,004	3	88,196	4	30,192	1
2010	630,757		0		0		0
2011	1,203,566	656,184	55		0	656,184-	55-
2012	81,212	26,546	33		0	26,546-	33-
2013	2,546		0		0		0
2014	645,448	651,556	101		0	651,556-	101-
2015	249,455	2,120,161	850	17,455	7	2,102,706-	843-
2016	549,028	4,693,597	855	19,547	4	4,674,050-	851-
2017	785,849	1,379,594	176		0	1,379,594-	176-
2018	173,888	180,831	104		0	180,831-	104-
2019	3,736,577		0		0		0
2020	2,324,773	27,030	1		0	27,030-	1-
2021	4,665,368		0		0		0
TOTAL	31,961,065	14,599,783	46	125,198	0	14,474,584-	45-
THREE-YEAR MOVING AVERAGES							
03-05	1,855,697	680,366	37		0	680,366-	37-
04-06	3,676,027	786,059	21		0	786,059-	21-
05-07	3,455,957	942,800	27		0	942,800-	27-
06-08	3,051,563	921,728	30		0	921,728-	30-
07-09	1,169,152	510,585	44	29,399	3	481,186-	41-
08-10	1,120,493	156,750	14	29,399	3	127,352-	11-
09-11	1,341,714	238,063	18	29,399	2	208,664-	16-
10-12	638,511	227,577	36		0	227,577-	36-
11-13	429,108	227,577	53		0	227,577-	53-
12-14	243,069	226,034	93		0	226,034-	93-
13-15	299,150	923,906	309	5,818	2	918,087-	307-
14-16	481,311	2,488,438	517	12,334	3	2,476,104-	514-
15-17	528,111	2,731,117	517	12,334	2	2,718,783-	515-
16-18	502,922	2,084,674	415	6,516	1	2,078,158-	413-
17-19	1,565,438	520,142	33		0	520,142-	33-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	2,078,412	69,287	3		0	69,287-	3-
19-21	3,575,573	9,010	0		0	9,010-	0
FIVE-YEAR AVERAGE							
17-21	2,337,291	317,491	14		0	317,491-	14-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,021,386	569,382	56	14	0	569,369-	56-
2004	655,416	366,784	56	6,584	1	360,200-	55-
2005	744,067	274,451	37	19,122	3	255,329-	34-
2006	578,031	129,525	22	17,375	3	112,150-	19-
2007	335,674	623,886	186	17,428	5	606,458-	181-
2008	592,061	614,819	104	37,234	6	577,586-	98-
2009	926,748	36,966	4	56,130	6	19,163	2
2010	1,967,587		0		0		0
2011	2,616,993	219,891	8	32,972	1	186,919-	7-
2012	5,839,222	19,931	0		0	19,931-	0
2013	2,646,254		0		0		0
2014	1,078,059	284,968	26	8,462	1	276,506-	26-
2015	2,166,804	1,820,360	84	9,642	0	1,810,718-	84-
2016	5,100,714	1,329,350	26	22,639	0	1,306,711-	26-
2017	16,033,770	17,453,481	109		0	17,453,481-	109-
2018	1,021,584	18,155	2		0	18,155-	2-
2019	6,088,582	240,682	4	18,630	0	222,052-	4-
2020	3,389,182	3,510,539	104		0	3,510,539-	104-
2021	3,363,912	448,279	13		0	448,279-	13-
TOTAL	56,166,046	27,961,451	50	246,233	0	27,715,219-	49-
THREE-YEAR MOVING AVERAGES							
03-05	806,956	403,539	50	8,573	1	394,966-	49-
04-06	659,171	256,920	39	14,361	2	242,560-	37-
05-07	552,591	342,621	62	17,975	3	324,646-	59-
06-08	501,922	456,077	91	24,012	5	432,065-	86-
07-09	618,161	425,224	69	36,931	6	388,293-	63-
08-10	1,162,132	217,262	19	31,121	3	186,141-	16-
09-11	1,837,109	85,619	5	29,701	2	55,918-	3-
10-12	3,474,601	79,941	2	10,991	0	68,950-	2-
11-13	3,700,823	79,941	2	10,991	0	68,950-	2-
12-14	3,187,845	101,633	3	2,821	0	98,812-	3-
13-15	1,963,705	701,776	36	6,035	0	695,741-	35-
14-16	2,781,859	1,144,893	41	13,581	0	1,131,312-	41-
15-17	7,767,096	6,867,730	88	10,760	0	6,856,970-	88-
16-18	7,385,356	6,266,995	85	7,546	0	6,259,449-	85-
17-19	7,714,645	5,904,106	77	6,210	0	5,897,896-	76-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	3,499,783	1,256,459	36	6,210	0	1,250,249-	36-
19-21	4,280,559	1,399,833	33	6,210	0	1,393,623-	33-
FIVE-YEAR AVERAGE							
17-21	5,979,406	4,334,227	72	3,726	0	4,330,501-	72-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	4,156,930	1,635,759	39	55	0	1,635,704-	39-
2004	2,859,739	1,129,672	40	28,730	1	1,100,942-	38-
2005	1,704,855	443,888	26	43,814	3	400,073-	23-
2006	6,729,653	1,064,455	16	202,284	3	862,171-	13-
2007	709,287	930,555	131	36,826	5	893,729-	126-
2008	1,056,029	774,086	73	66,412	6	707,674-	67-
2009	2,446,335	67,468	3	102,510	4	35,042	1
2010	1,087,544		0		0		0
2011	985,619	2,462,467	250	1,294	0	2,461,174-	250-
2012	1,077,061	48,511	5		0	48,511-	5-
2013	1,575,879		0		0		0
2014	298,356	229,126	77	13,723	5	215,403-	72-
2015	1,587,465	1,216,053	77		0	1,216,053-	77-
2016	2,290,689	2,549,520	111	7,215	0	2,542,306-	111-
2017	1,711,557	1,128,044	66		0	1,128,044-	66-
2018	448,767	33,320	7		0	33,320-	7-
2019	5,643,045	177,138	3		0	177,138-	3-
2020	7,651,115	2,850,454	37		0	2,850,454-	37-
2021	7,955,536	8,959	0		0	8,959-	0
TOTAL	51,975,461	16,749,476	32	502,863	1	16,246,613-	31-
THREE-YEAR MOVING AVERAGES							
03-05	2,907,175	1,069,773	37	24,200	1	1,045,573-	36-
04-06	3,764,749	879,338	23	91,609	2	787,729-	21-
05-07	3,047,932	812,966	27	94,308	3	718,658-	24-
06-08	2,831,656	923,032	33	101,841	4	821,192-	29-
07-09	1,403,884	590,703	42	68,583	5	522,121-	37-
08-10	1,529,969	280,518	18	56,307	4	224,211-	15-
09-11	1,506,499	843,312	56	34,601	2	808,711-	54-
10-12	1,050,075	836,993	80	431	0	836,562-	80-
11-13	1,212,853	836,993	69	431	0	836,562-	69-
12-14	983,765	92,546	9	4,574	0	87,971-	9-
13-15	1,153,900	481,726	42	4,574	0	477,152-	41-
14-16	1,392,170	1,331,567	96	6,979	1	1,324,587-	95-
15-17	1,863,237	1,631,206	88	2,405	0	1,628,801-	87-
16-18	1,483,671	1,236,962	83	2,405	0	1,234,557-	83-
17-19	2,601,123	446,167	17		0	446,167-	17-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20	4,580,976	1,020,304	22		0	1,020,304-	22-
19-21	7,083,232	1,012,183	14		0	1,012,183-	14-
FIVE-YEAR AVERAGE							
17-21	4,682,004	839,583	18		0	839,583-	18-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 358.00 UNDERGROUND CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2009		282		427		145	
2010							
2011							
2012							
2013							
2014							
2015							
2016							
2017	287,393		0		0		0
2018							
2019	303,938		0		0		0
2020	3,728,121		0		0		0
2021	1,270		0		0		0
TOTAL	4,320,722	282	0	427	0	145	0
THREE-YEAR MOVING AVERAGES							
09-11		94		142		48	
10-12							
11-13							
12-14							
13-15							
14-16							
15-17	95,798		0		0		0
16-18	95,798		0		0		0
17-19	197,110		0		0		0
18-20	1,344,020		0		0		0
19-21	1,344,443		0		0		0
FIVE-YEAR AVERAGE							
17-21	864,144		0		0		0

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	21,458	1,851	9		0	1,851-	9-
2004	73,485	5,720	8		0	5,720-	8-
2005	48,998	5,652	12		0	5,652-	12-
2006	66,127	7,472	11		0	7,472-	11-
2007	49,493	6,675	13		0	6,675-	13-
2008	94,574	6,025	6		0	6,025-	6-
2009	84,704	20,741	24	53,197	63	32,456	38
2010	2,024		0		0		0
2011	2,394	109,997		62,262		47,735-	
2012		179				179-	
2013	2,348	3,397	145		0	3,397-	145-
2014	29,662	77,190	260	3,989	13	73,201-	247-
2015	922,048	284,366	31	48,349	5	236,017-	26-
2016	499,678	292,881	59	3,928	1	288,953-	58-
2017	406,708	29,478	7		0	29,478-	7-
2018	2,279,016	1,800	0		0	1,800-	0
2019	1,859,972	27,245	1	71-	0	27,316-	1-
2020	3,308,354	736,532	22	133-	0	736,665-	22-
2021	1,630,924	385,687	24		0	385,687-	24-
TOTAL	11,381,968	2,002,889	18	171,521	2	1,831,368-	16-
THREE-YEAR MOVING AVERAGES							
03-05	47,980	4,408	9		0	4,408-	9-
04-06	62,870	6,281	10		0	6,281-	10-
05-07	54,873	6,600	12		0	6,600-	12-
06-08	70,065	6,724	10		0	6,724-	10-
07-09	76,257	11,147	15	17,732	23	6,585	9
08-10	60,434	8,922	15	17,732	29	8,810	15
09-11	29,707	43,579	147	38,486	130	5,093-	17-
10-12	1,473	36,725		20,754		15,971-	
11-13	1,581	37,858		20,754		17,104-	
12-14	10,670	26,922	252	1,330	12	25,592-	240-
13-15	318,019	121,651	38	17,446	5	104,205-	33-
14-16	483,796	218,146	45	18,755	4	199,391-	41-
15-17	609,478	202,242	33	17,426	3	184,816-	30-
16-18	1,061,801	108,053	10	1,309	0	106,744-	10-
17-19	1,515,232	19,508	1	24-	0	19,531-	1-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	2,482,447	255,193	10	68-	0	255,260-	10-
19-21	2,266,417	383,155	17	68-	0	383,223-	17-
FIVE-YEAR AVERAGE							
17-21	1,896,995	236,148	12	41-	0	236,189-	12-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	20,027,684	4,145,847	21	1-	0	4,145,848-	21-
2004	7,994,636	1,493,608	19		0	1,493,608-	19-
2005	9,806,217	2,714,558	28		0	2,714,558-	28-
2006	8,349,780	2,264,423	27		0	2,264,423-	27-
2007	4,761,592	1,541,339	32		0	1,541,339-	32-
2008	16,897,493	2,583,667	15		0	2,583,667-	15-
2009	11,163,479	489,975	4	1,256,966	11	766,992	7
2010	2,902,404	136,795	5		0	136,795-	5-
2011	1,381,251	3,178,752	230	85,322	6	3,093,431-	224-
2012	2,799,700	1,036,883	37	36,513	1	1,000,370-	36-
2013	1,911,844	1,923,884	101	57,736	3	1,866,148-	98-
2014	7,181,979	2,367,581	33	430,792	6	1,936,789-	27-
2015	12,699,925	4,736,617	37	824,484	6	3,912,133-	31-
2016	12,452,963	1,646,329	13	73,910	1	1,572,418-	13-
2017	13,828,694	1,720,992	12	8,073-	0	1,729,064-	13-
2018	22,376,492	75,388	0		0	75,388-	0
2019	16,301,007	282,235	2	15,838-	0	298,074-	2-
2020	26,152,063	5,061,111	19	11,982	0	5,049,129-	19-
2021	11,414,935	128,490	1		0	128,490-	1-
TOTAL	210,404,136	37,528,474	18	2,753,794	1	34,774,680-	17-
THREE-YEAR MOVING AVERAGES							
03-05	12,609,512	2,784,671	22		0	2,784,671-	22-
04-06	8,716,878	2,157,530	25		0	2,157,530-	25-
05-07	7,639,196	2,173,440	28		0	2,173,440-	28-
06-08	10,002,955	2,129,810	21		0	2,129,810-	21-
07-09	10,940,855	1,538,327	14	418,989	4	1,119,338-	10-
08-10	10,321,125	1,070,146	10	418,989	4	651,157-	6-
09-11	5,149,045	1,268,507	25	447,429	9	821,078-	16-
10-12	2,361,118	1,450,810	61	40,612	2	1,410,199-	60-
11-13	2,030,932	2,046,507	101	59,857	3	1,986,650-	98-
12-14	3,964,508	1,776,116	45	175,014	4	1,601,102-	40-
13-15	7,264,583	3,009,361	41	437,671	6	2,571,690-	35-
14-16	10,778,289	2,916,842	27	443,062	4	2,473,780-	23-
15-17	12,993,860	2,701,312	21	296,774	2	2,404,538-	19-
16-18	16,219,383	1,147,570	7	21,946	0	1,125,624-	7-
17-19	17,502,064	692,872	4	7,970-	0	700,842-	4-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	21,609,854	1,806,245	8	1,285-	0	1,807,530-	8-
19-21	17,956,002	1,823,945	10	1,285-	0	1,825,231-	10-
FIVE-YEAR AVERAGE							
17-21	18,014,638	1,453,643	8	2,386-	0	1,456,029-	8-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,331,023	665,863	50		0	665,863-	50-
2004	2,368,131	1,069,204	45		0	1,069,204-	45-
2005	2,879,532	1,926,355	67		0	1,926,355-	67-
2006	2,832,395	1,856,321	66		0	1,856,321-	66-
2007	2,788,234	2,181,182	78		0	2,181,182-	78-
2008	4,462,619	1,649,001	37		0	1,649,001-	37-
2009	4,737,593	838,195	18	2,837,229	60	1,999,034	42
2010	3,741,970	225,227	6	1,088,798	29	863,571	23
2011	6,644,331	11,650	0	1,716	0	9,935-	0
2012	5,379,875	14,194	0		0	14,194-	0
2013	5,419,921		0		0		0
2014	18,467,349	4,844,065	26	130,293	1	4,713,771-	26-
2015	1,577,954	2,937,341	186	18,104	1	2,919,237-	185-
2016	8,706,772	2,796,173	32	5,168	0	2,791,005-	32-
2017	6,661,948	4,897,505	74	1,740,434	26	3,157,070-	47-
2018	6,881,122	12,370,888	180		0	12,370,888-	180-
2019	10,449,756	2,460,914	24	855	0	2,460,059-	24-
2020	10,285,143	12,589,684	122	39,279-	0	12,628,963-	123-
2021	11,992,175	16,836,480	140	273,747	2	16,562,733-	138-
TOTAL	117,607,844	70,170,241	60	6,057,066	5	64,113,176-	55-
THREE-YEAR MOVING AVERAGES							
03-05	2,192,895	1,220,474	56		0	1,220,474-	56-
04-06	2,693,353	1,617,293	60		0	1,617,293-	60-
05-07	2,833,387	1,987,953	70		0	1,987,953-	70-
06-08	3,361,083	1,895,501	56		0	1,895,501-	56-
07-09	3,996,149	1,556,126	39	945,743	24	610,383-	15-
08-10	4,314,061	904,141	21	1,308,676	30	404,535	9
09-11	5,041,298	358,358	7	1,309,248	26	950,890	19
10-12	5,255,392	83,690	2	363,505	7	279,814	5
11-13	5,814,709	8,615	0	572	0	8,043-	0
12-14	9,755,715	1,619,419	17	43,431	0	1,575,988-	16-
13-15	8,488,408	2,593,802	31	49,466	1	2,544,336-	30-
14-16	9,584,025	3,525,860	37	51,188	1	3,474,671-	36-
15-17	5,648,891	3,543,673	63	587,902	10	2,955,771-	52-
16-18	7,416,614	6,688,189	90	581,867	8	6,106,321-	82-
17-19	7,997,609	6,576,436	82	580,430	7	5,996,006-	75-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	9,205,340	9,140,496	99	12,808-	0	9,153,304-	99-
19-21	10,909,025	10,629,026	97	78,441	1	10,550,585-	97-
FIVE-YEAR AVERAGE							
17-21	9,254,029	9,831,094	106	395,151	4	9,435,943-	102-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	5,070,714	2,099,334	41		0	2,099,334-	41-
2004	10,305,922	3,850,834	37		0	3,850,834-	37-
2005	6,996,439	3,873,510	55		0	3,873,510-	55-
2006	10,599,605	5,749,131	54		0	5,749,131-	54-
2007	6,667,242	4,316,405	65		0	4,316,405-	65-
2008	10,197,963	3,118,586	31		0	3,118,586-	31-
2009	6,698,087	997,390	15	3,142,260	47	2,144,870	32
2010	3,724,537	621,044	17	1,808,451	49	1,187,407	32
2011	16,571,400	186,036	1	2,299	0	183,737-	1-
2012	12,244,519	6,043	0		0	6,043-	0
2013	11,222,903		0		0		0
2014	35,029,146	8,935,277	26	317,082	1	8,618,195-	25-
2015	8,032,314	5,523,267	69	56,313	1	5,466,954-	68-
2016	19,233,205	3,362,146	17	3,338	0	3,358,808-	17-
2017	13,503,860	5,033,479	37	2,566,907	19	2,466,572-	18-
2018	15,256,800	9,071,095	59		0	9,071,095-	59-
2019	20,357,284	11,520,448	57	1,271	0	11,519,177-	57-
2020	21,360,581	11,677,578	55	9,402-	0	11,686,979-	55-
2021	60,949,555	18,219,480	30	61,931	0	18,157,549-	30-
TOTAL	294,022,075	98,161,082	33	7,950,450	3	90,210,632-	31-
THREE-YEAR MOVING AVERAGES							
03-05	7,457,692	3,274,559	44		0	3,274,559-	44-
04-06	9,300,655	4,491,158	48		0	4,491,158-	48-
05-07	8,087,762	4,646,348	57		0	4,646,348-	57-
06-08	9,154,937	4,394,707	48		0	4,394,707-	48-
07-09	7,854,431	2,810,794	36	1,047,420	13	1,763,374-	22-
08-10	6,873,529	1,579,007	23	1,650,237	24	71,230	1
09-11	8,998,008	601,490	7	1,651,003	18	1,049,513	12
10-12	10,846,818	271,041	2	603,583	6	332,542	3
11-13	13,346,274	64,026	0	766	0	63,260-	0
12-14	19,498,856	2,980,440	15	105,694	1	2,874,746-	15-
13-15	18,094,788	4,819,515	27	124,465	1	4,695,050-	26-
14-16	20,764,889	5,940,230	29	125,578	1	5,814,652-	28-
15-17	13,589,793	4,639,631	34	875,519	6	3,764,111-	28-
16-18	15,997,955	5,822,240	36	856,748	5	4,965,492-	31-
17-19	16,372,648	8,541,674	52	856,059	5	7,685,615-	47-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	18,991,555	10,756,374	57	2,710-	0	10,759,084-	57-
19-21	34,222,473	13,805,835	40	17,933	0	13,787,902-	40-
FIVE-YEAR AVERAGE							
17-21	26,285,616	11,104,416	42	524,142	2	10,580,274-	40-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 366.00 UNDERGROUND CONDUIT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	36,368	6,274	17		0	6,274-	17-
2004	9,551	1,487	16		0	1,487-	16-
2005	5,606	1,293	23		0	1,293-	23-
2006	18,038	4,077	23		0	4,077-	23-
2007	20,005	5,396	27		0	5,396-	27-
2008	3,856	491	13		0	491-	13-
2009	2,142	92,299		236,636		144,337	
2010	8,738	4,456	51	21	0	4,435-	51-
2011	21,750	250,407			0	250,407-	
2012	2,745		0		0		0
2013	3,204		0		0		0
2014	252,312	60,903	24	91,276	36	30,373	12
2015	307,450	103,248	34	90,017	29	13,231-	4-
2016	286,155	74,123	26		0	74,123-	26-
2017	10,352	124,480		102,250	988	22,230-	215-
2018	36,382	2,070	6		0	2,070-	6-
2019	388,362	675	0		0	675-	0
2020	91,302	265,755	291		0	265,755-	291-
2021	918,785	277,357	30		0	277,357-	30-
TOTAL	2,423,103	1,274,792	53	520,200	21	754,592-	31-
THREE-YEAR MOVING AVERAGES							
03-05	17,175	3,018	18		0	3,018-	18-
04-06	11,065	2,286	21		0	2,286-	21-
05-07	14,550	3,589	25		0	3,589-	25-
06-08	13,966	3,321	24		0	3,321-	24-
07-09	8,668	32,729	378	78,879	910	46,150	532
08-10	4,912	32,416	660	78,886		46,470	946
09-11	10,877	115,721		78,886	725	36,835-	339-
10-12	11,077	84,954	767	7	0	84,948-	767-
11-13	9,233	83,469	904		0	83,469-	904-
12-14	86,087	20,301	24	30,425	35	10,124	12
13-15	187,655	54,717	29	60,431	32	5,714	3
14-16	281,972	79,425	28	60,431	21	18,994-	7-
15-17	201,319	100,617	50	64,089	32	36,528-	18-
16-18	110,963	66,891	60	34,083	31	32,808-	30-
17-19	145,032	42,409	29	34,083	24	8,325-	6-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 366.00 UNDERGROUND CONDUIT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20	172,015	89,500	52		0	89,500-	52-
19-21	466,150	181,262	39		0	181,262-	39-
FIVE-YEAR AVERAGE							
17-21	289,037	134,067	46	20,450	7	113,618-	39-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	1,093,775	320,759	29		0	320,759-	29-
2004	659,213	174,474	26		0	174,474-	26-
2005	683,051	267,867	39		0	267,867-	39-
2006	1,160,549	445,876	38		0	445,876-	38-
2007	1,020,159	467,823	46		0	467,823-	46-
2008	1,215,683	263,331	22		0	263,331-	22-
2009	877,599	938,147	107	2,676,366	305	1,738,219	198
2010	1,021,105	442,063	43	1,446,389	142	1,004,326	98
2011	1,825,721	29,467	2	319	0	29,148-	2-
2012	3,116,954		0		0		0
2013	2,291,572		0		0		0
2014	17,094,065	5,527,177	32	220,840	1	5,306,338-	31-
2015	792,215	554,802	70	89,214	11	465,588-	59-
2016	4,455,539	377,719	8	209	0	377,510-	8-
2017	4,852,532	2,220,392	46	1,755,530	36	464,863-	10-
2018	3,849,601	17,322	0		0	17,322-	0
2019	7,296,967	100,396	1	179	0	100,217-	1-
2020	6,645,856	2,489,913	37	25-	0	2,489,938-	37-
2021	22,063,076	6,944,331	31	5,308	0	6,939,023-	31-
TOTAL	82,015,233	21,581,859	26	6,194,329	8	15,387,530-	19-
THREE-YEAR MOVING AVERAGES							
03-05	812,013	254,366	31		0	254,366-	31-
04-06	834,271	296,072	35		0	296,072-	35-
05-07	954,586	393,855	41		0	393,855-	41-
06-08	1,132,130	392,343	35		0	392,343-	35-
07-09	1,037,814	556,434	54	892,122	86	335,688	32
08-10	1,038,129	547,847	53	1,374,252	132	826,405	80
09-11	1,241,475	469,892	38	1,374,358	111	904,466	73
10-12	1,987,927	157,177	8	482,236	24	325,059	16
11-13	2,411,416	9,822	0	106	0	9,716-	0
12-14	7,500,864	1,842,392	25	73,613	1	1,768,779-	24-
13-15	6,725,951	2,027,326	30	103,351	2	1,923,975-	29-
14-16	7,447,273	2,153,233	29	103,421	1	2,049,812-	28-
15-17	3,366,762	1,050,971	31	614,984	18	435,987-	13-
16-18	4,385,891	871,811	20	585,246	13	286,565-	7-
17-19	5,333,033	779,370	15	585,236	11	194,134-	4-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	5,930,808	869,210	15	51	0	869,159-	15-
19-21	12,001,966	3,178,213	26	1,821	0	3,176,393-	26-
FIVE-YEAR AVERAGE							
17-21	8,941,606	2,354,471	26	352,198	4	2,002,273-	22-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 368.00 LINE TRANSFORMERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	7,969,730	137,482	2		0	137,482-	2-
2004	11,929,072	185,722	2		0	185,722-	2-
2005	10,198,378	235,260	2		0	235,260-	2-
2006	14,290,150	322,952	2		0	322,952-	2-
2007	12,096,520	326,306	3		0	326,306-	3-
2008	16,109,463	205,265	1		0	205,265-	1-
2009	10,908,481	1,024,651	9	4,304,198	39	3,279,547	30
2010	6,956,478	246,875	4	1,362,049	20	1,115,174	16
2011	5,147,666	3,583	0	8	0	3,575-	0
2012	6,039,448		0		0		0
2013	5,125,539		0		0		0
2014	1,965,334	6,507,246	331	2,617,761	133	3,889,485-	198-
2015	1,125,497	1,280,490	114	2,290,417	204	1,009,927	90
2016	1,662,342	272,424	16	241	0	272,183-	16-
2017	1,803,479	4,199,824	233	2,594,210	144	1,605,614-	89-
2018	1,451,855	6,439	0		0	6,439-	0
2019	5,427,587	545,043	10	636	0	544,408-	10-
2020	2,772,581	2,035,112	73	5,179-	0	2,040,290-	74-
2021	5,698,801	4,461,746	78	1,925	0	4,459,821-	78-
TOTAL	128,678,400	21,996,420	17	13,166,268	10	8,830,152-	7-
THREE-YEAR MOVING AVERAGES							
03-05	10,032,393	186,154	2		0	186,154-	2-
04-06	12,139,200	247,978	2		0	247,978-	2-
05-07	12,195,016	294,839	2		0	294,839-	2-
06-08	14,165,378	284,841	2		0	284,841-	2-
07-09	13,038,155	518,741	4	1,434,733	11	915,992	7
08-10	11,324,807	492,264	4	1,888,749	17	1,396,486	12
09-11	7,670,875	425,036	6	1,888,752	25	1,463,715	19
10-12	6,047,864	83,486	1	454,019	8	370,533	6
11-13	5,437,551	1,194	0	3	0	1,192-	0
12-14	4,376,774	2,169,082	50	872,587	20	1,296,495-	30-
13-15	2,738,790	2,595,912	95	1,636,059	60	959,853-	35-
14-16	1,584,391	2,686,720	170	1,636,140	103	1,050,580-	66-
15-17	1,530,439	1,917,579	125	1,628,290	106	289,290-	19-
16-18	1,639,225	1,492,896	91	864,817	53	628,079-	38-
17-19	2,894,307	1,583,769	55	864,949	30	718,820-	25-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 368.00 LINE TRANSFORMERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	3,217,341	862,198	27	1,514-	0	863,712-	27-
19-21	4,632,989	2,347,300	51	873-	0	2,348,173-	51-
FIVE-YEAR AVERAGE							
17-21	3,430,860	2,249,633	66	518,319	15	1,731,314-	50-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 369.00 SERVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	90,220	46,690	52		0	46,690-	52-
2004	342,544	159,991	47		0	159,991-	47-
2005	312,331	216,149	69		0	216,149-	69-
2006	261,406	177,230	68		0	177,230-	68-
2007	1,182,943	1,070,487	90		0	1,070,487-	90-
2008	476,032	181,966	38		0	181,966-	38-
2009	271,595	418,496	154	1,073,215	395	654,719	241
2010	179,875	414,456	230	995,507	553	581,050	323
2011	752,788	377	0	34	0	344-	0
2012	861,671		0		0		0
2013	455,321		0		0		0
2014	5,698,862	810,076	14	34,976	1	775,100-	14-
2015	1,858,442	347,196	19	87,349	5	259,847-	14-
2016	1,529,798	56,777	4	5	0	56,772-	4-
2017	783,554	1,511,749	193	1,442,689	184	69,060-	9-
2018	1,731,456		0		0		0
2019	3,961,149	5,238,846	132	12,969	0	5,225,877-	132-
2020	2,240,462	4,934,697	220	444-	0	4,935,140-	220-
2021	1,538,069	3,677,666	239	113-	0	3,677,779-	239-
TOTAL	24,528,516	19,262,850	79	3,646,187	15	15,616,663-	64-
THREE-YEAR MOVING AVERAGES							
03-05	248,365	140,943	57		0	140,943-	57-
04-06	305,427	184,457	60		0	184,457-	60-
05-07	585,560	487,955	83		0	487,955-	83-
06-08	640,127	476,561	74		0	476,561-	74-
07-09	643,523	556,983	87	357,738	56	199,245-	31-
08-10	309,167	338,306	109	689,574	223	351,268	114
09-11	401,419	277,776	69	689,585	172	411,808	103
10-12	598,111	138,278	23	331,847	55	193,569	32
11-13	689,926	126	0	11	0	115-	0
12-14	2,338,618	270,025	12	11,659	0	258,367-	11-
13-15	2,670,875	385,757	14	40,775	2	344,982-	13-
14-16	3,029,034	404,683	13	40,777	1	363,906-	12-
15-17	1,390,598	638,574	46	510,015	37	128,559-	9-
16-18	1,348,269	522,842	39	480,898	36	41,944-	3-
17-19	2,158,719	2,250,199	104	485,219	22	1,764,979-	82-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 369.00 SERVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	2,644,355	3,391,181	128	4,175	0	3,387,006-	128-
19-21	2,579,893	4,617,070	179	4,137	0	4,612,932-	179-
FIVE-YEAR AVERAGE							
17-21	2,050,938	3,072,592	150	291,020	14	2,781,571-	136-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	32,147,475	554,559	2		0	554,559-	2-
2004	50,297,376	783,073	2		0	783,073-	2-
2005	18,289,821	421,916	2		0	421,916-	2-
2006	13,256,900	299,601	2		0	299,601-	2-
2007	13,317,769	359,250	3		0	359,250-	3-
2008	10,606,021	135,141	1		0	135,141-	1-
2009	16,145,544	216,382	1	619,005	4	402,623	2
2010	10,030,243	91,111	1	722,409	7	631,298	6
2011	10,049,842	340	0	7	0	333-	0
2012	10,329,796		0		0		0
2013	30,764,736		0		0		0
2014	40,102,653	247,922	1	371,131	1	123,208	0
2015	20,211,269	305,792	2	867,509	4	561,717	3
2016	25,737,971	249	0		0	249-	0
2017	89,082,595	566,651	1	430	0	566,221-	1-
2018	41,196,459		0		0		0
2019	64,131,071	37,021	0	2	0	37,019-	0
2020	22,969	5,673	25		0	5,673-	25-
2021	10,594,528	89,818	1		0	89,818-	1-
TOTAL	506,315,037	4,114,498	1	2,580,492	1	1,534,005-	0
THREE-YEAR MOVING AVERAGES							
03-05	33,578,224	586,516	2		0	586,516-	2-
04-06	27,281,366	501,530	2		0	501,530-	2-
05-07	14,954,830	360,255	2		0	360,255-	2-
06-08	12,393,563	264,664	2		0	264,664-	2-
07-09	13,356,445	236,924	2	206,335	2	30,589-	0
08-10	12,260,602	147,544	1	447,138	4	299,594	2
09-11	12,075,210	102,611	1	447,140	4	344,529	3
10-12	10,136,627	30,484	0	240,805	2	210,322	2
11-13	17,048,125	113	0	2	0	111-	0
12-14	27,065,728	82,641	0	123,710	0	41,069	0
13-15	30,359,553	184,571	1	412,880	1	228,309	1
14-16	28,683,964	184,654	1	412,880	1	228,226	1
15-17	45,010,612	290,897	1	289,313	1	1,584-	0
16-18	52,005,675	188,967	0	143	0	188,823-	0
17-19	64,803,375	201,224	0	144	0	201,080-	0

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	35,116,833	14,231	0		0	14,231-	0
19-21	24,916,189	44,171	0		0	44,170-	0
FIVE-YEAR AVERAGE							
17-21	41,005,524	139,833	0	86	0	139,746-	0

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	2,869,014	247,459	9		0	247,459-	9-
2004	2,570,651	200,110	8		0	200,110-	8-
2005	3,831,895	441,977	12		0	441,977-	12-
2006	3,669,212	414,614	11		0	414,614-	11-
2007	3,593,955	484,738	13		0	484,738-	13-
2008	4,278,504	272,581	6		0	272,581-	6-
2009	5,881,228	544,880	9	2,504,342	43	1,959,462	33
2010	5,953,860	244,619	4	1,264,888	21	1,020,269	17
2011	5,429,803	773	0		0	773-	0
2012	2,747,416		0		0		0
2013	2,133,827		0		0		0
2014	1,759,695	1,063,684	60	5,355	0	1,058,330-	60-
2015	1,553,386	54,586	4	294,648	19	240,062	15
2016	4,021,787	30,667	1		0	30,667-	1-
2017	5,343,532	2,425,678	45	2,154,420	40	271,257-	5-
2018	3,159,701	95	0		0	95-	0
2019	9,343,903	201,469	2	3	0	201,466-	2-
2020	9,659,154	496,085	5	35,451	0	460,634-	5-
2021	25,053,312	4,680,638	19	541,483	2	4,139,156-	17-
TOTAL	102,853,836	11,804,655	11	6,800,590	7	5,004,065-	5-
THREE-YEAR MOVING AVERAGES							
03-05	3,090,520	296,516	10		0	296,516-	10-
04-06	3,357,253	352,234	10		0	352,234-	10-
05-07	3,698,354	447,110	12		0	447,110-	12-
06-08	3,847,224	390,644	10		0	390,644-	10-
07-09	4,584,562	434,066	9	834,781	18	400,714	9
08-10	5,371,197	354,027	7	1,256,410	23	902,383	17
09-11	5,754,964	263,424	5	1,256,410	22	992,986	17
10-12	4,710,360	81,797	2	421,629	9	339,832	7
11-13	3,437,015	258	0		0	258-	0
12-14	2,213,646	354,561	16	1,785	0	352,777-	16-
13-15	1,815,636	372,757	21	100,001	6	272,756-	15-
14-16	2,444,956	382,979	16	100,001	4	282,978-	12-
15-17	3,639,568	836,977	23	816,356	22	20,621-	1-
16-18	4,175,007	818,813	20	718,140	17	100,673-	2-
17-19	5,949,045	875,747	15	718,141	12	157,606-	3-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	7,387,586	232,550	3	11,818	0	220,731-	3-
19-21	14,685,456	1,792,731	12	192,312	1	1,600,418-	11-
FIVE-YEAR AVERAGE							
17-21	10,511,921	1,560,793	15	546,271	5	1,014,521-	10-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	336,176	63,791	19		0	63,791-	19-
2004	453,081	77,593	17		0	77,593-	17-
2005	529,919	134,468	25		0	134,468-	25-
2006	630,320	156,695	25		0	156,695-	25-
2007	687,398	203,970	30		0	203,970-	30-
2008	16,059,121	2,250,855	14		0	2,250,855-	14-
2009	12,243,066	147,492	1	558,749	5	411,257	3
2010	1,911,475	61,761	3	361,308	19	299,547	16
2011	2,965,114	142	0		0	142-	0
2012	1,342,567		0		0		0
2013	697,978		0		0		0
2014	36,237,769	5,639,853	16	1,687,754	5	3,952,099-	11-
2015	1,419,663	424,882	30	2,324,264	164	1,899,382	134
2016	1,306,084	13,560	1		0	13,560-	1-
2017	1,200,316	1,464,930	122	746,949	62	717,981-	60-
2018	1,090,600		0		0		0
2019	3,302,267	17,293	1		0	17,293-	1-
2020	6,212,610	204,015	3	23,621	0	180,394-	3-
2021	15,230,199	1,118,225	7	345,216	2	773,010-	5-
TOTAL	103,855,721	11,979,524	12	6,047,861	6	5,931,663-	6-
THREE-YEAR MOVING AVERAGES							
03-05	439,725	91,951	21		0	91,951-	21-
04-06	537,773	122,919	23		0	122,919-	23-
05-07	615,879	165,044	27		0	165,044-	27-
06-08	5,792,280	870,507	15		0	870,507-	15-
07-09	9,663,195	867,439	9	186,250	2	681,189-	7-
08-10	10,071,220	820,036	8	306,686	3	513,350-	5-
09-11	5,706,551	69,798	1	306,686	5	236,888	4
10-12	2,073,052	20,634	1	120,436	6	99,802	5
11-13	1,668,553	47	0		0	47-	0
12-14	12,759,438	1,879,951	15	562,585	4	1,317,366-	10-
13-15	12,785,137	2,021,578	16	1,337,339	10	684,239-	5-
14-16	12,987,839	2,026,098	16	1,337,339	10	688,759-	5-
15-17	1,308,688	634,457	48	1,023,738	78	389,281	30
16-18	1,199,000	492,830	41	248,983	21	243,847-	20-
17-19	1,864,394	494,074	27	248,983	13	245,091-	13-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	3,535,159	73,769	2	7,874	0	65,896-	2-
19-21	8,248,359	446,511	5	122,946	1	323,565-	4-
FIVE-YEAR AVERAGE							
17-21	5,407,198	560,893	10	223,157	4	337,735-	6-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2003	521,419	481,513	92		0	481,513-	92-
2004	9,818,757	219,512-	2-		0	219,512	2
2005	3,642,739	432,727	12		0	432,727-	12-
2006	774,270	1,540,406-	199-		0	1,540,406	199
2007	319,599	743,285-	233-		0	743,285	233
2008	3,420,740	43,797-	1-		0	43,797	1
2009	5,420,796	131,238	2	2,382,030	44	2,250,792	42
2010	9,742,294	43,543	0		0	43,543-	0
2011	2,630,294	842,428	32	188,128	7	654,299-	25-
2012	4,589		0		0		0
2013	11,009,256	2,900,224	26	164,675	1	2,735,549-	25-
2014	4,997,045	869,053	17		0	869,053-	17-
2015	14,855,505	2,024,824	14		0	2,024,824-	14-
2016	8,923,416	1,354,055	15	18,290-	0	1,372,345-	15-
2017	3,987,611	750,070	19		0	750,070-	19-
2018	7,010,362	763,289	11	275,845	4	487,444-	7-
2019	9,302,791	1,215,556	13		0	1,215,556-	13-
2020	9,507,798	680,541	7		0	680,541-	7-
2021	18,009,745	56,890	0	16,433	0	40,457-	0
TOTAL	123,899,023	9,998,951	8	3,008,822	2	6,990,129-	6-
THREE-YEAR MOVING AVERAGES							
03-05	4,660,972	231,576	5		0	231,576-	5-
04-06	4,745,255	442,397-	9-		0	442,397	9
05-07	1,578,869	616,988-	39-		0	616,988	39
06-08	1,504,870	775,829-	52-		0	775,829	52
07-09	3,053,712	218,615-	7-	794,010	26	1,012,625	33
08-10	6,194,610	43,661	1	794,010	13	750,349	12
09-11	5,931,128	339,070	6	856,720	14	517,650	9
10-12	4,125,725	295,324	7	62,710	2	232,614-	6-
11-13	4,548,046	1,247,550	27	117,601	3	1,129,949-	25-
12-14	5,336,963	1,256,425	24	54,892	1	1,201,534-	23-
13-15	10,287,268	1,931,367	19	54,892	1	1,876,475-	18-
14-16	9,591,988	1,415,977	15	6,097-	0	1,422,074-	15-
15-17	9,255,510	1,376,317	15	6,097-	0	1,382,413-	15-
16-18	6,640,463	955,805	14	85,852	1	869,953-	13-
17-19	6,766,921	909,639	13	91,948	1	817,690-	12-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20	8,606,984	886,462	10	91,948	1	794,514-	9-
19-21	12,273,445	650,996	5	5,478	0	645,518-	5-
FIVE-YEAR AVERAGE							
17-21	9,563,661	693,269	7	58,456	1	634,814-	7-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 392.10 THROUGH 392.18 TRANSPORTATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
2003	13,798,263		0	15-	0	15-	0
2004	2,623,320		0		0		0
2005	4,758,501		0		0		0
2006	2,598,261		0		0		0
2007	2,934,843		0		0		0
2008	2,386,022		0		0		0
2009	6,562,766	378,610	6	2,661,793	41	2,283,183	35
2010	1,505,003		0		0		0
2011							
2012							
2013	1,709,543		0		0		0
2014							
2015							
2016	4,331,023		0		0		0
2017	1,965,494	1,611,802-	82-	1,659,705	84	3,271,507	166
2018	1,181,551		0	280,303	24	280,303	24
2019	344,204	4,218-	1-	8,697	3	12,914	4
2020	545,426		0	47,042	9	47,042	9
2021	34,200		0		0		0
TOTAL	47,278,420	1,237,409-	3-	4,657,524	10	5,894,933	12
THREE-YEAR MOVING AVERAGES							
03-05	7,060,028		0	5-	0	5-	0
04-06	3,326,694		0		0		0
05-07	3,430,535		0		0		0
06-08	2,639,709		0		0		0
07-09	3,961,210	126,203	3	887,264	22	761,061	19
08-10	3,484,597	126,203	4	887,264	25	761,061	22
09-11	2,689,256	126,203	5	887,264	33	761,061	28
10-12	501,668		0		0		0
11-13	569,848		0		0		0
12-14	569,848		0		0		0
13-15	569,848		0		0		0
14-16	1,443,674		0		0		0
15-17	2,098,839	537,267-	26-	553,235	26	1,090,502	52
16-18	2,492,689	537,267-	22-	646,669	26	1,183,936	47
17-19	1,163,750	538,673-	46-	649,568	56	1,188,241	102

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 392.10 THROUGH 392.18 TRANSPORTATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
18-20	690,394	1,406-	0	112,014	16	113,419	16
19-21	307,943	1,406-	0	18,579	6	19,985	6
FIVE-YEAR AVERAGE							
17-21	814,175	323,204-	40-	399,149	49	722,353	89

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 396.04, 396.07 AND 396.09 POWER OPERATED EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
2003	5,673,628		0	9-	0	9-	0
2004	790,067		0		0		0
2005	2,493,646		0		0		0
2006	2,497,852		0		0		0
2007	596,993		0		0		0
2008	291,257		0		0		0
2009	1,431,197	51,735	4	401,550	28	349,815	24
2010	1,124,725		0		0		0
2011	190,633		0		0		0
2012	104,944		0		0		0
2013	1,159,325		0		0		0
2014							
2015							
2016	9,282,847		0		0		0
2017	918,151	1,552,709-	169-	3,004,039	327	4,556,748	496
2018	356,695		0	56,115	16	56,115	16
2019	16,278	22,073-	136-	196,430		218,503	
2020	85,370		0	658,579	771	658,579	771
2021	115,045	1,955	2		0	1,955-	2-
TOTAL	27,128,652	1,521,092-	6-	4,316,704	16	5,837,796	22
THREE-YEAR MOVING AVERAGES							
03-05	2,985,780		0	3-	0	3-	0
04-06	1,927,188		0		0		0
05-07	1,862,830		0		0		0
06-08	1,128,701		0		0		0
07-09	773,149	17,245	2	133,850	17	116,605	15
08-10	949,060	17,245	2	133,850	14	116,605	12
09-11	915,518	17,245	2	133,850	15	116,605	13
10-12	473,434		0		0		0
11-13	484,967		0		0		0
12-14	421,423		0		0		0
13-15	386,442		0		0		0
14-16	3,094,282		0		0		0
15-17	3,400,333	517,570-	15-	1,001,346	29	1,518,916	45
16-18	3,519,231	517,570-	15-	1,020,051	29	1,537,621	44
17-19	430,374	524,927-	122-	1,085,528	252	1,610,455	374

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNTS 396.04, 396.07 AND 396.09 POWER OPERATED EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	COST OF REMOVAL PCT	GROSS SALVAGE AMOUNT	GROSS SALVAGE PCT	NET SALVAGE AMOUNT	NET SALVAGE PCT
THREE-YEAR MOVING AVERAGES							
18-20	152,781	7,358-	5-	303,708	199	311,066	204
19-21	72,231	6,706-	9-	285,003	395	291,709	404
FIVE-YEAR AVERAGE							
17-21	298,308	314,565-	105-	783,033	262	1,097,598	368

OFFICIAL COPY

Sep 22 2023

PART IX. DETAILED DEPRECIATION CALCULATIONS

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 310.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 3-2022						
NET SALVAGE PERCENT.. 0						
1950	3,106.00	3,095	3,106			
	3,106.00	3,095	3,106			
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. 0						
1965	452,636.00	379,259	452,636			
	452,636.00	379,259	452,636			
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. 0						
1974	1,467,548.00	1,135,163	1,467,548			
1975	76,263.00	58,701	80,306	4,043-		
	1,543,811.00	1,193,864	1,547,854	4,043-		
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. 0						
1964	2,256.00	2,180	2,256			
1971	1,547.00	1,488	1,547			
1986	500.00	473	500			
	4,303.00	4,141	4,303			
	2,003,856.00	1,580,359	2,007,899	4,043-		
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					0.0	0.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2025						
NET SALVAGE PERCENT.. -5						
1970	195.00	189	146	58	3.93	15
1972	10,085,391.36	9,770,127	7,565,313	3,024,348	3.94	767,601
1973	119,306.00	115,414	89,369	35,903	3.94	9,112
1976	76,067.00	73,248	56,718	23,152	3.94	5,876
1978	279,969.00	268,610	207,993	85,974	3.95	21,766
1979	110,837.00	106,143	82,190	34,189	3.95	8,655
1982	6,960.00	6,625	5,130	2,178	3.95	551
1983	1,321,761.00	1,254,907	971,713	416,136	3.96	105,085
1987	35,631.00	33,482	25,926	11,486	3.96	2,901
1988	49,635.00	46,502	36,008	16,109	3.96	4,068
1989	60,367.92	56,363	43,644	19,743	3.97	4,973
1992	1,048,280.00	968,314	749,796	350,898	3.97	88,387
1993	46,452.00	42,735	33,091	15,684	3.97	3,951
1994	64,258.00	58,858	45,576	21,895	3.97	5,515
1995	714,538.00	651,478	504,460	245,805	3.97	61,916
1996	378,311.00	343,065	265,646	131,581	3.98	33,061
1997	14,125.00	12,740	9,865	4,966	3.98	1,248
1999	3,902.00	3,477	2,692	1,405	3.98	353
2000	107,606.00	95,226	73,736	39,250	3.98	9,862
2001	140,265.00	123,195	95,394	51,885	3.98	13,036
2002	15,540,891.00	13,537,686	10,482,651	5,835,284	3.98	1,466,152
2003	28,864.00	24,904	19,284	11,023	3.99	2,763
2004	414,254.00	353,867	274,010	160,956	3.99	40,340
2006	26,583.00	22,180	17,175	10,737	3.99	2,691
2007	255,092.50	209,890	162,524	105,323	3.99	26,397
2008	794,070.03	643,131	497,996	335,777	3.99	84,155
2009	894,576.93	711,609	551,021	388,285	3.99	97,315
2010	24,604,519.57	19,171,448	14,845,048	10,989,697	3.99	2,754,310
2011	728,760.51	554,348	429,249	335,950	3.99	84,198
2012	168,856.69	124,821	96,653	80,647	3.99	20,212
2016	1,609,730.03	978,551	757,722	932,494	4.00	233,124
2017	527,550.39	293,255	227,076	326,851	4.00	81,713
2018	120,289.95	58,942	45,641	80,664	4.00	20,166
2019	157,147.85	63,464	49,142	115,863	4.00	28,966
2020	223,268.62	63,937	49,508	184,924	4.00	46,231
	60,758,312.35	50,842,731	39,369,107	24,427,121		6,136,665

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 3-2022						
NET SALVAGE PERCENT.. -12						
1951	2,601,664.70	2,902,500	2,559,732	354,132	0.25	354,132
1960	62,093.39	69,242	61,065	8,480	0.25	8,480
1963	6,648.00	7,412	6,537	909	0.25	909
1965	1,267.00	1,412	1,245	174	0.25	174
1966	58,569.00	65,286	57,576	8,021	0.25	8,021
1967	4,184.00	4,664	4,113	573	0.25	573
1969	2,237.00	2,493	2,199	307	0.25	307
1979	61,519.00	68,487	60,399	8,502	0.25	8,502
1982	6,960.00	7,745	6,830	965	0.25	965
1984	38,190.00	42,484	37,467	5,306	0.25	5,306
1989	611,340.00	679,401	599,168	85,533	0.25	85,533
1991	168,033.00	186,648	164,606	23,591	0.25	23,591
1993	118,375.00	131,416	115,897	16,683	0.25	16,683
1994	270,092.00	299,753	264,354	38,149	0.25	38,149
1995	245,608.00	272,490	240,311	34,770	0.25	34,770
1996	146,256.00	162,205	143,050	20,757	0.25	20,757
1998	43,502.00	48,206	42,513	6,209	0.25	6,209
1999	27,913.00	30,917	27,266	3,997	0.25	3,997
2002	55,066.00	60,891	53,700	7,974	0.25	7,974
2006	64,934.00	71,570	63,118	9,608	0.25	9,608
2007	102,504.94	112,857	99,529	15,276	0.25	15,276
2008	5,759,762.94	6,333,463	5,585,519	865,415	0.25	865,415
2009	318,097.01	349,279	308,031	48,237	0.25	48,237
2010	628,739.01	689,196	607,806	96,382	0.25	96,382
2011	26,579.29	29,076	25,642	4,127	0.25	4,127
2013	88,288.07	96,058	84,714	14,169	0.25	14,169
2016	162,416.98	173,998	153,450	28,457	0.25	28,457
2017	510,692.30	541,872	477,880	94,095	0.25	94,095
2020	932,398.71	895,100	789,394	254,892	0.25	254,892
	13,123,930.34	14,336,121	12,643,112	2,055,690		2,055,690
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2007	299.34	115	89	234	26.11	9
2010	2,148,580.78	702,475	543,948	1,776,519	26.28	67,600
2012	149,695,600.76	42,640,792	33,018,090	128,653,158	26.38	4,876,920

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2013	2,402,179.63	629,079	487,115	2,107,239	26.43	79,729
2014	130,122.03	30,921	23,943	116,589	26.48	4,403
2015	353,854.03	75,137	58,181	323,981	26.52	12,216
2016	554,900.14	102,623	79,464	519,828	26.57	19,564
2017	174,769.49	27,250	21,101	167,651	26.61	6,300
2018	33,635.86	4,217	3,265	33,061	26.65	1,241
2019	495,814.51	45,864	35,514	499,966	26.69	18,732
	155,989,756.57	44,258,473	34,270,711	134,198,226		5,086,714
CLIFFSIDE COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -6						
2010	6,576,397.41	2,110,325	1,634,090	5,336,891	26.28	203,078
2014	113,362.81	26,440	20,473	99,691	26.48	3,765
2015	8,718,851.43	1,817,066	1,407,011	7,834,972	26.52	295,436
2016	7,728,175.74	1,402,775	1,086,212	7,105,654	26.57	267,431
2017	1,862,479.43	285,019	220,699	1,753,529	26.61	65,897
2018	90,678,497.92	11,158,479	8,640,357	87,478,851	26.65	3,282,508
2019	31,626,925.57	2,871,377	2,223,396	31,301,145	26.69	1,172,767
2020	512,257.39	28,670	22,200	520,793	26.73	19,483
2021	15,982.84	311	241	16,701	26.76	624
	147,832,930.54	19,700,462	15,254,680	141,448,226		5,310,989
MARSHALL UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -3						
1965	3,552,748.46	3,238,984	2,508,046	1,151,285	6.76	170,308
2009	80,504.85	53,175	41,175	41,745	6.97	5,989
2011	376,710.53	232,807	180,270	207,742	6.98	29,762
	4,009,963.84	3,524,966	2,729,491	1,400,772		206,059

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -4						
1966	5,695,595.18	5,234,111	4,052,935	1,870,484	6.76	276,699
2018	396,989.72	137,754	106,667	306,202	6.99	43,806
	6,092,584.90	5,371,865	4,159,602	2,176,686		320,505
MARSHALL UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1969	7,480,724.85	6,398,467	4,954,532	2,825,422	10.45	270,375
1992	94,407.00	71,476	55,346	42,837	10.75	3,985
1993	428,840.00	321,704	249,105	196,888	10.76	18,298
2005	241,095.00	150,571	116,592	134,147	10.89	12,318
2008	1,057,135.48	606,627	469,730	629,691	10.91	57,717
2015	147,358.75	56,998	44,135	109,118	10.96	9,956
2016	143,246.07	49,689	38,476	110,500	10.97	10,073
	9,592,807.15	7,655,532	5,927,916	4,048,603		382,722
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1970	6,288,182.34	5,360,992	4,151,182	2,388,527	10.47	228,131
2005	241,658.00	150,923	116,864	134,460	10.89	12,347
2015	574,177.86	222,090	171,971	425,174	10.96	38,793
	7,104,018.20	5,734,005	4,440,018	2,948,161		279,271
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1971	212,705.53	180,776	139,980	81,233	10.48	7,751
1972	16,011.00	13,563	10,502	6,149	10.49	586
1973	998,141.00	842,443	652,330	385,737	10.51	36,702
1974	10,745.00	9,037	6,998	4,177	10.52	397

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

MARSHALL COMMON
INTERIM SURVIVOR CURVE.. IOWA 90-S1
PROBABLE RETIREMENT YEAR.. 12-2032
NET SALVAGE PERCENT.. -4

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1975	32,656.00	27,355	21,182	12,780	10.54	1,213
1976	7,196.00	6,004	4,649	2,835	10.55	269
1979	5,618.00	4,627	3,583	2,260	10.59	213
1980	347,333.71	284,755	220,495	140,732	10.60	13,277
1981	1,580,966.93	1,289,846	998,768	645,438	10.61	60,833
1982	6,960.00	5,648	4,373	2,865	10.63	270
1984	73,420.00	58,928	45,630	30,727	10.65	2,885
1985	436,374.71	348,078	269,528	184,302	10.67	17,273
1986	789,843.41	626,091	484,802	336,635	10.68	31,520
1988	28,903.00	22,604	17,503	12,556	10.70	1,173
1989	1,025,065.00	795,766	616,186	449,881	10.71	42,006
1990	315,517.60	242,970	188,139	139,999	10.73	13,047
1992	371,955.00	281,611	218,060	168,773	10.75	15,700
1993	732,748.00	549,688	425,641	336,417	10.76	31,266
1994	527,203.00	391,617	303,241	245,050	10.77	22,753
1995	61,075.00	44,891	34,760	28,758	10.78	2,668
1997	1,552,318.00	1,114,218	862,774	751,637	10.81	69,532
1998	366,920.33	259,982	201,312	180,285	10.82	16,662
1999	257,676.00	180,063	139,428	128,555	10.83	11,870
2000	625,570.00	430,614	333,438	317,155	10.84	29,258
2001	245,157.00	166,014	128,550	126,413	10.85	11,651
2004	1,154,789.53	737,955	571,421	629,560	10.88	57,864
2005	2,694,588.91	1,682,853	1,303,085	1,499,287	10.89	137,676
2006	529,445.00	322,538	249,751	300,872	10.89	27,628
2007	168,043.31	99,530	77,069	97,696	10.90	8,963
2008	3,495,486.94	2,005,853	1,553,194	2,082,112	10.91	190,844
2009	2,348,342.18	1,300,585	1,007,083	1,435,192	10.92	131,428
2010	7,501,245.26	3,991,299	3,090,587	4,710,708	10.93	430,989
2011	6,052,481.98	3,076,728	2,382,406	3,912,175	10.94	357,603
2012	1,510,223.43	729,166	564,616	1,006,016	10.94	91,958
2013	1,260,134.51	571,972	442,896	867,644	10.95	79,237
2014	2,267,065.57	956,397	740,568	1,617,180	10.96	147,553
2015	4,877,962.08	1,886,780	1,460,992	3,612,088	10.96	329,570
2016	2,998,693.87	1,040,192	805,453	2,313,189	10.97	210,865
2017	3,419,668.03	1,034,537	801,074	2,755,381	10.97	251,174
2018	105,647,220.44	26,557,429	20,564,243	89,308,866	10.98	8,133,777
2019	9,076,805.41	1,750,720	1,355,637	8,084,241	10.98	736,270
2020	1,968,839.17	245,916	190,420	1,857,172	10.99	168,987
2021	937,154.02	42,416	32,844	941,796	10.99	85,696
	168,536,268.86	56,210,055	43,525,193	131,752,527		12,018,857

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1974	13,679,944.82	11,159,481	8,641,133	5,859,609	13.21	443,574
1975	22,801,151.46	18,514,831	14,336,609	9,832,611	13.23	743,206
1998	219,670.00	146,132	113,155	119,696	13.69	8,743
2000	159,622.00	102,663	79,495	89,704	13.72	6,538
2003	89,648,990.00	54,212,483	41,978,411	53,049,519	13.77	3,852,543
2008	424,976.81	221,769	171,723	278,753	13.84	20,141
2014	159,545.00	59,112	45,772	123,345	13.92	8,861
2016	106,956.68	32,034	24,805	88,569	13.94	6,354
2017	284,961.00	73,548	56,951	245,108	13.95	17,570
2018	3,638,044.93	771,266	597,215	3,259,112	13.96	233,461
2019	630,476.56	101,502	78,596	589,709	13.96	42,243
2021	102,815.71	3,763	2,914	106,071	13.98	7,587
	131,857,154.97	85,398,584	66,126,778	73,641,806		5,390,821
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1996	125,647.00	86,099	66,669	66,517	13.65	4,873
1998	131,201.00	87,279	67,583	71,490	13.69	5,222
2003	61,980,342.78	37,480,716	29,022,484	36,676,680	13.77	2,663,521
2015	696,724.92	234,726	181,756	556,773	13.93	39,969
2016	1,614,371.37	483,509	374,396	1,336,838	13.94	95,899
2019	1,378,001.67	221,848	171,784	1,288,898	13.96	92,328
2020	24,926.75	2,562	1,984	24,439	13.97	1,749
	65,951,215.49	38,596,739	29,886,655	40,021,633		2,903,561
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1974	5,907,335.51	4,818,937	3,731,453	2,530,323	13.21	191,546
1975	2,323,860.20	1,887,005	1,461,167	1,002,125	13.23	75,746
1976	1,356,012.00	1,095,882	848,575	588,797	13.25	44,438
1978	46,079.00	36,854	28,537	20,307	13.30	1,527

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1979	235,235.42	187,117	144,891	104,459	13.32	7,842
1980	48,625.51	38,461	29,782	21,761	13.34	1,631
1981	158,126.53	124,334	96,276	71,338	13.36	5,340
1982	40,767.00	31,856	24,667	18,546	13.38	1,386
1983	40,672.00	31,574	24,449	18,664	13.40	1,393
1984	14,961.00	11,536	8,933	6,926	13.42	516
1986	16,420.00	12,475	9,660	7,745	13.46	575
1988	648,081.00	484,435	375,113	311,853	13.50	23,100
1990	36,883.00	27,073	20,963	18,133	13.54	1,339
1991	113,590.00	82,558	63,927	56,478	13.56	4,165
1993	1,461,098.79	1,039,252	804,725	744,040	13.60	54,709
1994	280,844.00	197,506	152,935	144,760	13.61	10,636
1995	1,751,031.00	1,215,945	941,544	914,549	13.63	67,098
1996	733,568.00	502,676	389,238	388,344	13.65	28,450
1997	765,244.00	516,951	400,291	410,867	13.67	30,056
1998	113,483.00	75,493	58,457	61,835	13.69	4,517
1999	186,778.15	122,283	94,688	103,297	13.70	7,540
2000	455,073.23	292,687	226,637	255,741	13.72	18,640
2002	29,731.00	18,388	14,238	17,276	13.75	1,256
2003	280,331.00	169,522	131,266	165,885	13.77	12,047
2004	358,350.00	211,543	163,804	216,047	13.78	15,678
2005	1,164,892.33	669,612	518,501	716,284	13.80	51,905
2006	15,027,986.33	8,393,181	6,499,101	9,430,565	13.81	682,879
2007	1,460,438.46	789,389	611,248	936,816	13.83	67,738
2008	179,423.13	93,630	72,501	117,688	13.84	8,503
2009	1,154,531.01	578,614	448,039	775,764	13.86	55,971
2010	858,526.52	411,528	318,659	591,379	13.87	42,637
2011	17,694,081.97	8,060,274	6,241,321	12,514,406	13.88	901,614
2012	1,127,815.50	484,637	375,269	820,215	13.89	59,051
2013	22,265,176.78	8,932,068	6,916,378	16,684,709	13.91	1,199,476
2014	2,545,603.93	943,151	730,311	1,968,029	13.92	141,381
2015	1,966,117.09	662,384	512,905	1,571,180	13.93	112,791
2016	8,224,186.43	2,463,169	1,907,308	6,810,329	13.94	488,546
2017	9,963,707.79	2,571,627	1,991,291	8,570,240	13.95	614,354
2018	53,151,343.37	11,268,085	8,725,228	47,615,195	13.96	3,410,831
2019	36,666,097.71	5,902,978	4,570,859	34,295,204	13.96	2,456,677
2020	4,572,854.54	469,987	363,926	4,483,300	13.97	320,923
2021	4,780,545.83	174,977	135,490	4,931,888	13.98	352,782
	200,205,509.06	66,101,634	51,184,550	161,033,290		11,579,230

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1957	6,188,215.87	6,286,974	4,868,199	1,629,427	1.98	822,943
1961	3,414,029.47	3,462,527	2,681,142	903,589	1.98	456,358
1962	12,863.00	13,040	10,097	3,409	1.98	1,722
1963	7,671.00	7,773	6,019	2,036	1.98	1,028
1964	12,320.00	12,477	9,661	3,275	1.98	1,654
1965	45,148.79	45,699	35,386	12,020	1.98	6,071
1966	20,902.00	21,145	16,373	5,574	1.98	2,815
1967	20,005.00	20,226	15,662	5,344	1.98	2,699
1973	3,598,718.20	3,623,994	2,806,171	972,483	1.98	491,153
1974	8,030.00	8,078	6,255	2,176	1.99	1,093
1975	42,767.00	42,990	33,288	11,617	1.99	5,838
1976	23,910.00	24,014	18,595	6,511	1.99	3,272
1978	20,976.29	21,030	16,284	5,741	1.99	2,885
1979	26,231.00	26,272	20,343	7,199	1.99	3,618
1981	12,001.00	11,994	9,287	3,314	1.99	1,665
1982	6,959.00	6,947	5,379	1,928	1.99	969
1983	85,546.00	85,301	66,051	23,772	1.99	11,946
1985	570,246.00	567,144	439,157	159,601	1.99	80,202
1986	1,473.00	1,463	1,133	414	1.99	208
1987	11,765.00	11,667	9,034	3,319	1.99	1,668
1988	27,355.00	27,084	20,972	7,751	1.99	3,895
1989	664,656.00	656,979	508,719	189,170	1.99	95,060
1990	226,136.00	223,130	172,776	64,666	1.99	32,495
1992	398,944.00	392,086	303,604	115,287	1.99	57,933
1993	245,641.00	240,900	186,536	71,387	1.99	35,873
1994	30,042.00	29,394	22,761	8,783	1.99	4,414
1996	77,830.00	75,756	58,660	23,061	1.99	11,588
1997	511,822.00	496,736	384,638	152,775	1.99	76,771
1998	362,784.73	350,987	271,780	109,144	1.99	54,846
2000	283,145.36	271,848	210,500	86,802	2.00	43,401
2001	370,887.00	354,628	274,599	114,832	2.00	57,416
2002	77,482.00	73,753	57,109	24,247	2.00	12,124
2003	116,618.00	110,456	85,530	36,919	2.00	18,460
2004	858,250.00	808,406	625,974	275,189	2.00	137,594
2005	907,430.00	849,461	657,764	295,037	2.00	147,518
2006	88,278.00	82,068	63,548	29,144	2.00	14,572
2007	165,560.45	152,715	118,252	55,587	2.00	27,794
2008	54,912.47	50,204	38,875	18,784	2.00	9,392
2009	44,300,256.47	40,090,580	31,043,382	15,471,887	2.00	7,735,944

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 311.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 90-S1						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
2010	5,537,127.78	4,951,363	3,833,994	1,979,990	2.00	989,995
2011	46,840.38	41,307	31,985	17,197	2.00	8,598
2012	1,595,150.73	1,383,374	1,071,189	603,719	2.00	301,860
2013	167,508.16	142,350	110,226	65,658	2.00	32,829
2014	480,948.53	398,679	308,710	196,286	2.00	98,143
2015	2,410,940.30	1,935,854	1,498,992	1,032,495	2.00	516,248
2016	2,790,314.77	2,148,533	1,663,676	1,266,155	2.00	633,078
2017	832,753.40	605,350	468,741	405,650	2.00	202,825
2018	72,479,741.57	48,429,369	37,500,366	38,603,363	2.00	19,301,682
2019	10,577,762.44	6,170,411	4,777,941	6,328,710	2.00	3,164,355
2020	538,615.36	242,376	187,679	377,867	2.00	188,934
	161,355,511.52	126,086,892	97,632,999	71,790,288		35,915,444
	1,132,409,963.79	523,818,059	407,150,812	790,943,029		87,586,528
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					9.0	7.73

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2025						
NET SALVAGE PERCENT.. -5						
1972	19,829,452.64	19,068,428	17,988,158	2,832,767	3.62	782,532
1973	2,077,558.07	1,995,076	1,882,050	299,386	3.64	82,249
1974	132,762.00	127,304	120,092	19,308	3.66	5,275
1975	210,792.94	201,813	190,380	30,953	3.68	8,411
1976	11,120.00	10,629	10,027	1,649	3.70	446
1977	42,905.00	40,950	38,630	6,420	3.71	1,730
1978	3,029,573.00	2,886,200	2,722,690	458,361	3.73	122,885
1979	135,358.00	128,701	121,410	20,716	3.75	5,524
1980	81,542.00	77,394	73,009	12,610	3.76	3,354
1981	3,071,265.38	2,909,537	2,744,705	480,124	3.77	127,354
1982	27,844.00	26,317	24,826	4,410	3.79	1,164
1983	375,680.00	354,312	334,239	60,225	3.80	15,849
1984	221,148.00	208,093	196,304	35,901	3.81	9,423
1985	329,329.00	309,134	291,621	54,175	3.82	14,182
1986	1,169,820.00	1,095,224	1,033,177	195,134	3.83	50,949
1988	452,547.00	421,271	397,405	77,769	3.85	20,200
1989	1,289,146.00	1,196,274	1,128,502	225,101	3.86	58,316
1990	33,920.00	31,370	29,593	6,023	3.87	1,556
1991	518,129.00	477,446	450,398	93,638	3.88	24,134
1992	5,382,482.00	4,942,669	4,662,655	988,951	3.88	254,884
1993	741,100.56	677,727	639,332	138,823	3.89	35,687
1995	4,573,249.48	4,145,250	3,910,412	891,500	3.90	228,590
1997	89,066.00	79,906	75,379	18,140	3.91	4,639
1998	26,162.00	23,330	22,008	5,462	3.92	1,393
1999	404,531.00	358,555	338,242	86,516	3.92	22,070
2000	401,190.00	353,066	333,064	88,185	3.93	22,439
2001	4,096,441.67	3,578,867	3,376,116	925,148	3.93	235,407
2002	61,734,215.20	53,475,319	50,445,820	14,375,106	3.94	3,648,504
2003	1,272,761.00	1,092,854	1,030,941	305,458	3.94	77,527
2004	340,336.23	289,402	273,007	84,346	3.94	21,408
2005	295,381.00	248,309	234,242	75,908	3.95	19,217
2006	728,602.00	605,056	570,778	194,254	3.95	49,178
2007	1,110,920.97	909,926	858,377	308,090	3.95	77,997
2008	7,140,845.60	5,754,404	5,428,404	2,069,484	3.96	522,597
2009	1,017,459.83	805,395	759,768	308,565	3.96	77,920
2010	355,777,331.43	275,919,730	260,288,244	113,277,954	3.96	28,605,544
2011	27,567,251.31	20,873,551	19,691,016	9,254,597	3.96	2,337,019
2012	4,426,382.37	3,255,157	3,070,745	1,576,957	3.97	397,218
2013	2,029,951.43	1,442,927	1,361,182	770,267	3.97	194,022
2014	810,677.39	552,947	521,621	329,590	3.97	83,020
2015	10,129,064.58	6,559,987	6,188,349	4,447,169	3.97	1,120,194

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2025						
NET SALVAGE PERCENT.. -5						
2016	4,090,239.42	2,478,973	2,338,533	1,956,218	3.97	492,750
2017	31,202,095.43	17,257,489	16,279,813	16,482,388	3.98	4,141,304
2018	32,157,342.08	15,678,200	14,789,994	18,975,215	3.98	4,767,642
2019	3,736,747.81	1,502,537	1,417,415	2,506,170	3.98	629,691
2020	894,828.95	255,930	241,431	698,139	3.98	175,412
2021	41,575,575.60	4,872,262	4,596,237	39,058,117	3.98	9,813,597
	636,792,124.37	459,555,198	433,520,342	235,111,389		59,392,403
LEE						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 3-2022						
NET SALVAGE PERCENT.. -12						
1958	3,804,122.95	4,237,397	3,997,339	263,279	0.25	263,279
1960	186,068.00	207,250	195,509	12,887	0.25	12,887
1965	1,638.00	1,824	1,721	114	0.25	114
1967	52,386.00	58,335	55,030	3,642	0.25	3,642
1969	90,563.00	100,837	95,124	6,306	0.25	6,306
1970	6,334.00	7,052	6,652	442	0.25	442
1971	257.00	286	270	18	0.25	18
1972	1,709.00	1,903	1,795	119	0.25	119
1975	127,856.00	142,299	134,237	8,961	0.25	8,961
1976	54,006.00	60,102	56,697	3,790	0.25	3,790
1977	297,629.00	331,191	312,428	20,916	0.25	20,916
1978	6,500.00	7,232	6,822	458	0.25	458
1979	67,295.00	74,868	70,627	4,744	0.25	4,744
1983	410,013.00	455,917	430,088	29,126	0.25	29,126
1984	15,676.00	17,428	16,441	1,116	0.25	1,116
1985	167,882.00	186,620	176,048	11,980	0.25	11,980
1986	66,561.00	73,977	69,786	4,762	0.25	4,762
1987	983,294.00	1,092,655	1,030,754	70,536	0.25	70,536
1989	278,273.00	309,098	291,587	20,079	0.25	20,079
1990	1,867,133.00	2,073,498	1,956,030	135,159	0.25	135,159
1991	8,936,669.00	9,921,990	9,359,887	649,183	0.25	649,183
1993	230,816.00	256,125	241,615	16,899	0.25	16,899
1995	482,346.00	534,901	504,598	35,630	0.25	35,630
1998	109,672.00	121,483	114,601	8,232	0.25	8,232
2000	78,590.00	86,970	82,043	5,978	0.25	5,978
2001	57,311.00	63,387	59,796	4,392	0.25	4,392

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 3-2022						
NET SALVAGE PERCENT.. -12						
2002	3,394,757.50	3,752,397	3,539,815	262,313	0.25	262,313
2004	1,174,613.00	1,296,517	1,223,066	92,500	0.25	92,500
2006	163,097.42	179,703	169,522	13,147	0.25	13,147
2007	149,857.00	164,935	155,591	12,249	0.25	12,249
2008	247,851.45	272,450	257,015	20,579	0.25	20,579
2009	39,617.30	43,486	41,022	3,349	0.25	3,349
2010	187,972.64	205,980	194,311	16,219	0.25	16,219
2013	385,808.68	419,631	395,858	36,248	0.25	36,248
2014	9,025.04	9,779	9,225	883	0.25	883
2015	22,237,213.86	23,976,449	22,618,128	2,287,551	0.25	2,287,551
2016	428,773.57	459,202	433,187	47,039	0.25	47,039
	46,799,187.41	51,205,154	48,304,265	4,110,825		4,110,825
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2007	2,029.53	780	736	1,456	23.64	62
2010	194,373,136.15	63,552,085	59,951,714	149,971,273	24.16	6,207,420
2011	73,370.03	22,460	21,188	58,052	24.32	2,387
2012	987,862,769.56	280,773,913	264,867,427	802,024,364	24.47	32,775,822
2013	6,776.20	1,768	1,668	5,650	24.62	229
2014	2,831,331.25	670,400	632,420	2,425,417	24.75	97,997
2015	20,258,113.15	4,279,486	4,037,043	17,841,719	24.88	717,111
2016	7,021,187.03	1,293,185	1,219,923	6,362,959	25.00	254,518
2017	9,040,106.83	1,401,426	1,322,032	8,441,283	25.12	336,038
2018	44,513,313.51	5,545,860	5,231,674	42,842,704	25.23	1,698,086
2019	2,570,692.95	235,629	222,280	2,554,068	25.34	100,792
2020	2,821,003.18	161,078	151,953	2,894,731	25.44	113,787
2021	5,944,296.84	118,446	111,736	6,308,105	25.53	247,086
	1,277,318,126.21	358,056,516	337,771,793	1,041,731,783		42,551,335

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -6						
2011	11,490,898.75	3,452,399	3,256,813	8,923,540	24.32	366,922
2015	115,358.14	23,918	22,563	99,717	24.88	4,008
2017	532,710.92	81,053	76,461	488,212	25.12	19,435
2018	1,073,738.93	131,299	123,861	1,014,303	25.23	40,202
2019	866,116.64	77,918	73,504	844,580	25.34	33,330
2020	521,204.68	29,209	27,554	524,923	25.44	20,634
2021	318,352.32	6,226	5,873	331,580	25.53	12,988
	14,918,380.38	3,802,022	3,586,629	12,226,854		497,519
MARSHALL UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -3						
1965	153,701.66	139,789	131,870	26,443	5.36	4,933
1988	263,608.00	222,383	209,784	61,732	6.52	9,468
1990	66,677.00	55,635	52,483	16,194	6.58	2,461
1991	10,442.00	8,664	8,173	2,582	6.60	391
1992	1,950,846.00	1,608,220	1,517,111	492,261	6.63	74,248
1993	2,782,515.00	2,278,835	2,149,734	716,257	6.65	107,708
1995	833,729.16	673,004	634,877	223,864	6.69	33,462
1999	9,553,580.19	7,441,445	7,019,870	2,820,318	6.75	417,825
2002	118,348.00	88,988	83,947	37,952	6.79	5,589
2003	492,641.00	365,099	344,415	163,005	6.81	23,936
2004	11,134,572.00	8,126,083	7,665,722	3,802,887	6.82	557,608
2006	10,229.00	7,203	6,795	3,741	6.84	547
2007	410,936,922.58	283,333,611	267,282,112	155,982,918	6.85	22,771,229
2008	522,609.37	351,884	331,949	206,339	6.86	30,079
2009	393,159.74	257,681	243,083	161,872	6.87	23,562
2010	923,358.53	587,260	553,990	397,069	6.87	57,798
2011	9,659,236.47	5,929,712	5,593,780	4,355,233	6.88	633,028
2012	2,342,814.11	1,379,761	1,301,594	1,111,504	6.89	161,321
2013	1,886,161.34	1,057,922	997,988	944,758	6.90	136,921
2014	223,570.83	118,381	111,674	118,604	6.90	17,189
2015	183,470.49	90,422	85,299	103,675	6.91	15,004
2016	5,919,138.01	2,663,897	2,512,981	3,583,731	6.92	517,880
2017	2,118,527.99	849,332	801,215	1,380,868	6.92	199,547
2018	523,424.07	178,494	168,382	370,745	6.93	53,499

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -3						
2019	4,086,342.67	1,102,656	1,040,188	3,168,745	6.93	457,250
2020	425,444.08	76,594	72,255	365,953	6.94	52,731
2021	14,920,490.81	1,013,527	956,108	14,411,997	6.94	2,076,657
	482,435,560.10	320,006,482	301,877,381	195,031,246		28,441,871
MARSHALL UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -4						
1966	7,664,158.04	7,022,208	6,624,384	1,346,341	5.43	247,945
1988	263,607.00	224,541	211,820	62,331	6.52	9,560
1990	79,011.00	66,567	62,796	19,376	6.58	2,945
1993	2,364,596.00	1,955,368	1,844,592	614,588	6.65	92,419
1996	973,850.00	787,658	743,035	269,769	6.70	40,264
1997	7,752,788.38	6,215,528	5,863,404	2,199,496	6.72	327,306
2002	24,384,473.47	18,513,199	17,464,384	7,895,469	6.79	1,162,808
2003	373,387.00	279,406	263,577	124,745	6.81	18,318
2007	6,709,171.81	4,670,764	4,406,154	2,571,384	6.85	375,385
2008	11,747,553.97	7,986,673	7,534,210	4,683,246	6.86	682,689
2009	129,921.99	85,979	81,108	54,011	6.87	7,862
2010	694,069.35	445,717	420,466	301,366	6.87	43,867
2011	3,232,557.27	2,003,702	1,890,188	1,471,672	6.88	213,906
2012	2,590,695.52	1,540,560	1,453,284	1,241,040	6.89	180,122
2013	665,251.05	376,753	355,409	336,452	6.90	48,761
2014	291,365.49	155,777	146,952	156,068	6.90	22,619
2016	21,843,942.75	9,926,272	9,363,926	13,353,775	6.92	1,929,736
2017	275,867.41	111,671	105,345	181,558	6.92	26,237
2018	4,953,797.44	1,705,707	1,609,075	3,542,875	6.93	511,237
2019	1,482,561.85	403,938	381,054	1,160,810	6.93	167,505
2020	441,212.92	80,204	75,660	383,201	6.94	55,216
2021	14,810,113.86	1,015,796	958,249	14,444,270	6.94	2,081,307
	113,723,953.57	65,573,988	61,859,071	56,413,841		8,248,014

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1969	9,570,144.22	8,275,679	7,806,843	2,146,107	7.72	277,993
1988	63,430.00	49,270	46,479	19,488	9.76	1,997
1992	242,858.00	182,332	172,002	80,570	10.02	8,041
1994	458,370.13	337,478	318,359	158,346	10.12	15,647
1995	1,229,729.00	895,690	844,947	433,971	10.17	42,672
1998	2,017,694.00	1,415,918	1,335,703	762,699	10.31	73,977
1999	16,909,019.37	11,700,784	11,037,908	6,547,472	10.35	632,606
2003	4,741,274.00	3,064,668	2,891,048	2,039,877	10.48	194,645
2005	4,303,825.00	2,662,177	2,511,359	1,964,619	10.54	186,396
2006	62,294,044.39	37,557,628	35,429,902	29,355,904	10.57	2,777,285
2007	11,287,391.96	6,614,041	6,239,340	5,499,547	10.60	518,825
2008	106,584,675.13	60,539,669	57,109,958	53,738,104	10.62	5,060,085
2009	1,028,455.58	564,018	532,065	537,529	10.64	50,520
2010	165,133.16	87,061	82,129	89,610	10.66	8,406
2011	2,837,714.69	1,430,045	1,349,030	1,602,194	10.68	150,018
2012	1,980,818.58	947,356	893,686	1,166,365	10.70	109,006
2013	28,149,147.24	12,661,486	11,944,184	17,330,929	10.72	1,616,691
2014	585,185.49	244,654	230,794	377,799	10.74	35,177
2015	3,227,171.77	1,235,674	1,165,670	2,190,588	10.76	203,586
2016	1,458,025.00	501,365	472,962	1,043,384	10.77	96,879
2017	6,058,033.64	1,813,179	1,710,458	4,589,897	10.79	425,384
2018	913,143.10	227,389	214,507	735,162	10.80	68,071
2019	3,998,528.46	765,782	722,399	3,436,071	10.81	317,860
2020	31,561,193.69	3,899,449	3,678,536	29,145,105	10.83	2,691,145
2021	4,351,152.70	195,715	184,627	4,340,572	10.84	400,422
	306,016,158.30	157,868,507	148,924,894	169,331,911		15,963,334
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1970	12,799,861.57	11,018,756	10,394,518	2,917,338	7.86	371,163
1990	51,917.00	39,689	37,441	16,553	9.89	1,674
1991	167,303.00	126,762	119,581	54,414	9.96	5,463
1992	36,314.00	27,264	25,719	12,047	10.02	1,202
1994	1,835,935.00	1,351,721	1,275,143	634,229	10.12	62,671
1999	2,406,434.00	1,665,216	1,570,878	931,814	10.35	90,030
2001	11,868,554.00	7,958,093	7,507,249	4,836,047	10.42	464,112

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
2002	6,699,790.95	4,414,717	4,164,613	2,803,169	10.45	268,246
2003	254,928.00	164,781	155,446	109,679	10.48	10,466
2004	3,719,951.50	2,354,947	2,221,534	1,647,216	10.51	156,728
2006	18,362,438.89	11,070,876	10,443,686	8,653,251	10.57	818,661
2007	48,504,263.78	28,421,908	26,811,742	23,632,693	10.60	2,229,499
2008	209,661.57	119,087	112,340	105,708	10.62	9,954
2009	492,933.12	270,331	255,016	257,634	10.64	24,214
2010	128,835.39	67,924	64,076	69,913	10.66	6,558
2011	395,247.99	199,182	187,898	223,160	10.68	20,895
2012	5,645,062.22	2,699,835	2,546,883	3,323,982	10.70	310,653
2013	329,014.21	147,991	139,607	202,568	10.72	18,896
2014	7,192,105.01	3,006,875	2,836,529	4,643,261	10.74	432,333
2015	32,387,101.24	12,400,917	11,698,377	21,984,209	10.76	2,043,142
2016	11,235,285.08	3,863,428	3,644,556	8,040,141	10.77	746,531
2017	456,072.89	136,503	128,770	345,546	10.79	32,025
2018	2,281,138.85	568,044	535,863	1,836,521	10.80	170,048
2019	826,431.79	158,275	149,308	710,181	10.81	65,697
2020	3,356,610.42	414,716	391,221	3,099,653	10.83	286,210
2021	27,613,681.27	1,242,063	1,171,697	27,546,531	10.84	2,541,193
	199,256,872.74	93,909,901	88,589,690	118,637,458		11,188,264
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1971	36,740.98	31,481	29,698	8,513	8.00	1,064
1972	1,010,642.67	862,013	813,178	237,890	8.13	29,261
1973	5,848,241.16	4,964,511	4,683,260	1,398,911	8.26	169,360
1974	135,958.00	114,845	108,339	33,058	8.39	3,940
1975	764,667.97	642,796	606,380	188,875	8.51	22,194
1976	306,723.00	256,540	242,006	76,985	8.63	8,921
1977	2,565,160.00	2,134,213	2,013,305	654,461	8.75	74,796
1978	527,763.73	436,800	412,054	136,820	8.86	15,442
1979	544,659.00	448,308	422,910	143,535	8.97	16,002
1982	330,492.00	267,360	252,213	91,498	9.27	9,870
1983	654,514.00	526,279	496,464	184,230	9.36	19,683
1984	2,959,803.00	2,364,546	2,230,589	847,606	9.45	89,694
1985	168,067.00	133,394	125,837	48,953	9.53	5,137

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1986	3,101,488.22	2,444,739	2,306,239	919,309	9.61	95,662
1987	3,077,387.00	2,408,139	2,271,712	928,770	9.69	95,848
1988	520,721.62	404,479	381,564	159,986	9.76	16,392
1989	746,469.00	575,290	542,699	233,629	9.83	23,767
1990	3,382,569.27	2,585,882	2,439,386	1,078,486	9.89	109,048
1991	345,912.00	262,091	247,243	112,506	9.96	11,296
1992	2,495,962.81	1,873,909	1,767,748	828,054	10.02	82,640
1993	1,103,407.42	820,643	774,152	373,392	10.07	37,080
1995	1,219,045.13	887,909	837,607	430,200	10.17	42,301
1996	236,674.31	170,394	160,741	85,400	10.22	8,356
1997	513,862.00	365,498	344,792	189,625	10.26	18,482
1998	1,075,608.13	754,808	712,046	406,586	10.31	39,436
1999	1,834,992.36	1,269,787	1,197,851	710,541	10.35	68,651
2000	689,326.98	470,007	443,380	273,520	10.38	26,351
2001	75,627.73	50,710	47,837	30,816	10.42	2,957
2002	3,471,114.29	2,287,234	2,157,657	1,452,302	10.45	138,976
2003	2,799,789.55	1,809,730	1,707,205	1,204,576	10.48	114,940
2004	92,962.00	58,850	55,516	41,164	10.51	3,917
2005	15,345,191.20	9,491,934	8,954,194	7,004,805	10.54	664,593
2006	713,309.90	430,061	405,697	336,145	10.57	31,802
2007	5,971,129.34	3,498,886	3,300,666	2,909,308	10.60	274,463
2008	4,249,641.23	2,413,779	2,277,033	2,142,594	10.62	201,751
2009	1,577,470.83	865,105	816,095	824,475	10.64	77,488
2010	16,752,283.44	8,832,099	8,331,740	9,090,634	10.66	852,780
2011	2,387,858.09	1,203,343	1,135,171	1,348,202	10.68	126,236
2012	6,959,720.99	3,328,590	3,140,018	4,098,092	10.70	382,999
2013	2,586,492.31	1,163,404	1,097,494	1,592,458	10.72	148,550
2014	6,728,930.41	2,813,231	2,653,855	4,344,233	10.74	404,491
2015	5,215,146.17	1,996,863	1,883,736	3,540,016	10.76	328,998
2016	6,173,240.06	2,122,765	2,002,505	4,417,664	10.77	410,182
2017	6,578,687.87	1,969,012	1,857,463	4,984,372	10.79	461,944
2018	91,844,341.64	22,870,858	21,575,171	73,942,944	10.80	6,846,569
2019	106,769,534.39	20,448,074	19,289,644	91,750,672	10.81	8,487,574
2020	24,280,315.04	2,999,881	2,829,931	22,421,597	10.83	2,070,323
2021	8,072,487.13	363,100	342,530	8,052,857	10.84	742,883
	354,842,132.37	119,494,170	112,724,551	256,311,267		23,915,090

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1998	281,912.00	185,951	175,416	123,410	12.82	9,626
2000	17,389,803.93	11,079,270	10,451,604	7,981,588	12.95	616,339
2001	214,269.00	133,911	126,325	100,801	13.01	7,748
2002	1,067,593.80	653,822	616,781	514,868	13.06	39,423
2003	165,126,061.11	98,841,488	93,241,891	81,791,734	13.12	6,234,126
2004	4,123,568.94	2,408,281	2,271,846	2,099,137	13.17	159,388
2006	126,073.00	69,642	65,697	67,941	13.26	5,124
2007	33,288,153.45	17,813,503	16,804,327	18,481,115	13.30	1,389,558
2008	19,891,468.51	10,270,904	9,689,034	11,395,923	13.34	854,267
2009	9,155,128.94	4,541,579	4,284,288	5,420,149	13.38	405,093
2010	403,084.94	191,109	180,282	246,988	13.42	18,404
2011	5,284,157.38	2,381,689	2,246,761	3,354,446	13.45	249,401
2012	374,777.31	159,188	150,170	247,094	13.49	18,317
2013	26,442,998.73	10,501,282	9,906,360	18,123,218	13.52	1,340,475
2014	437,615.22	160,518	151,424	312,448	13.55	23,059
2015	4,907,478.63	1,635,954	1,543,273	3,658,654	13.58	269,415
2016	16,090,691.75	4,776,400	4,505,806	12,550,327	13.60	922,818
2017	35,046,062.38	8,956,210	8,448,820	28,700,006	13.63	2,105,650
2018	370,490.08	77,943	73,527	319,192	13.65	23,384
2019	53,895,492.39	8,592,235	8,105,465	49,023,757	13.67	3,586,229
2020	1,420,079.17	144,071	135,909	1,369,375	13.70	99,954
2021	6,935,320.88	248,479	234,402	7,117,038	13.72	518,735
	402,272,281.54	183,823,429	173,409,410	252,999,208		18,896,533
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1998	401,481.05	264,819	249,816	175,754	12.82	13,709
1999	8,360,921.20	5,425,403	5,118,041	3,744,535	12.88	290,725
2000	13,069,619.30	8,326,824	7,855,090	5,998,706	12.95	463,221
2002	342,106.67	209,515	197,645	164,988	13.06	12,633
2003	139,973,197.37	83,785,436	79,038,799	69,332,791	13.12	5,284,512
2004	4,725,150.78	2,759,621	2,603,282	2,405,378	13.17	182,641
2005	202,077.37	114,988	108,474	105,728	13.21	8,004
2006	630,513.00	348,294	328,562	339,781	13.26	25,625
2007	449,123.99	240,340	226,724	249,347	13.30	18,748
2008	3,383,697.90	1,747,163	1,648,182	1,938,538	13.34	145,318

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2009	4,393,131.12	2,179,298	2,055,836	2,600,883	13.38	194,386
2010	41,673,276.89	19,758,001	18,638,665	25,535,009	13.42	1,902,758
2012	11,587,935.12	4,922,006	4,643,163	7,640,048	13.49	566,349
2013	4,904,286.76	1,947,634	1,837,296	3,361,248	13.52	248,613
2014	10,013,412.72	3,672,944	3,464,863	7,149,354	13.55	527,628
2015	2,507,556.20	835,917	788,560	1,869,449	13.58	137,662
2016	12,483,833.71	3,705,731	3,495,793	9,737,071	13.60	715,961
2017	5,103,231.76	1,304,158	1,230,274	4,179,151	13.63	306,614
2018	36,757,384.60	7,732,952	7,294,863	31,667,965	13.65	2,319,997
2019	4,351,925.45	693,801	654,496	3,958,545	13.67	289,579
2020	16,651,636.97	1,689,352	1,593,646	16,057,089	13.70	1,172,050
2021	3,555,104.95	127,372	120,156	3,648,255	13.72	265,908
	325,520,604.88	151,791,569	143,192,228	201,859,613		15,092,641
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1974	22,086,401.94	18,365,453	17,325,008	6,086,578	9.79	621,714
1975	50,397,992.32	41,638,075	39,279,182	14,142,689	9.97	1,418,524
1976	134,189.52	110,121	103,882	38,358	10.15	3,779
1977	1,402,823.21	1,143,200	1,078,435	408,558	10.33	39,551
1978	140,820.00	113,961	107,505	41,764	10.50	3,978
1979	151,594.00	121,830	114,928	45,762	10.66	4,293
1980	2,501,863.63	1,995,505	1,882,455	769,520	10.83	71,054
1981	790,182.13	625,640	590,196	247,397	10.98	22,532
1982	303,321.85	238,318	224,817	96,704	11.13	8,689
1983	1,160,252.00	904,284	853,054	376,813	11.28	33,405
1984	169,240.12	130,825	123,413	55,981	11.42	4,902
1985	4,913,677.19	3,766,890	3,553,487	1,655,011	11.55	143,291
1987	4,341,106.26	3,269,417	3,084,197	1,517,376	11.80	128,591
1988	9,094,935.00	6,784,883	6,400,504	3,240,127	11.92	271,823
1989	8,446,698.87	6,240,411	5,886,877	3,066,623	12.03	254,915
1990	1,621,038.60	1,185,782	1,118,605	599,696	12.13	49,439
1991	592,593.00	428,755	404,465	223,684	12.24	18,275
1992	5,187,383.10	3,712,562	3,502,237	1,996,389	12.33	161,913
1993	355,891.10	251,732	237,471	139,774	12.42	11,254
1994	756,102.00	528,200	498,276	303,192	12.51	24,236

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1996	7,251,622.00	4,931,645	4,652,256	3,034,463	12.67	239,500
1998	4,381,591.84	2,890,125	2,726,393	1,918,095	12.82	149,617
1999	15,628.03	10,141	9,566	6,999	12.88	543
2000	189,841.00	120,950	114,098	87,134	12.95	6,728
2001	268,260.00	167,653	158,155	126,201	13.01	9,700
2002	1,100,344.04	673,879	635,702	530,662	13.06	40,633
2003	222,415.00	133,134	125,592	110,168	13.12	8,397
2004	4,209,924.25	2,458,714	2,319,422	2,143,097	13.17	162,726
2005	2,313,924.61	1,316,691	1,242,097	1,210,663	13.21	91,647
2006	227,775.00	125,822	118,694	122,748	13.26	9,257
2007	1,135,907.00	607,858	573,421	630,640	13.30	47,417
2008	515,693,647.68	266,276,971	251,191,769	295,443,497	13.34	22,147,189
2009	3,879,356.35	1,924,430	1,815,407	2,296,711	13.38	171,653
2010	5,537,083.24	2,625,224	2,476,499	3,392,809	13.42	252,817
2011	4,610,463.92	2,078,040	1,960,314	2,926,777	13.45	217,604
2012	17,640,241.50	7,492,738	7,068,257	11,630,399	13.49	862,150
2013	11,593,704.84	4,604,196	4,343,358	7,945,969	13.52	587,720
2014	19,353,344.96	7,098,853	6,696,687	13,817,859	13.55	1,019,768
2015	12,490,943.82	4,163,974	3,928,075	9,312,325	13.58	685,738
2016	16,702,410.48	4,957,984	4,677,103	13,027,452	13.60	957,901
2017	17,719,907.19	4,528,418	4,271,873	14,511,229	13.63	1,064,654
2018	90,533,313.65	19,046,236	17,967,223	77,998,089	13.65	5,714,146
2019	13,486,047.76	2,150,000	2,028,198	12,267,013	13.67	897,367
2020	129,133,844.59	13,100,964	12,358,764	124,523,111	13.70	9,089,278
2021	13,647,598.98	488,966	461,265	14,005,190	13.72	1,020,786
	1,007,887,247.57	445,529,450	420,289,184	648,071,298		48,751,094
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1957	305,097.70	307,958	290,511	29,841	1.79	16,671
1961	7,490,915.91	7,549,978	7,122,254	743,207	1.83	406,124
1962	115,723.90	116,588	109,983	11,527	1.84	6,265
1963	22,692.86	22,852	21,557	2,270	1.85	1,227
1964	55,069.00	55,442	52,301	5,521	1.85	2,984
1965	8,731.00	8,786	8,288	879	1.86	473
1966	1,239,968.24	1,247,115	1,176,463	125,504	1.87	67,114

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1967	14,874.06	14,955	14,108	1,510	1.87	807
1968	182,652.00	183,544	173,146	18,639	1.88	9,914
1969	157,544.00	158,215	149,252	16,169	1.89	8,555
1970	244,917.37	245,863	231,934	25,229	1.89	13,349
1972	2,434,025.00	2,440,003	2,301,771	253,955	1.91	132,961
1973	3,459,555.17	3,466,272	3,269,900	362,633	1.91	189,860
1974	1,457,213.32	1,458,880	1,376,231	153,843	1.92	80,127
1975	1,540,260.90	1,541,084	1,453,778	163,496	1.92	85,154
1976	812,876.06	812,585	766,550	86,970	1.93	45,062
1978	1,351,981.00	1,349,581	1,273,124	146,456	1.93	75,884
1979	76,781.00	76,564	72,226	8,394	1.94	4,327
1980	9,138.83	9,105	8,589	1,007	1.94	519
1981	926,406.64	922,174	869,931	102,796	1.94	52,988
1982	1,844,603.00	1,833,890	1,729,996	206,837	1.95	106,070
1983	50,931.38	50,584	47,718	5,760	1.95	2,954
1984	117,269.00	116,340	109,749	13,383	1.95	6,863
1985	2,899,251.00	2,872,002	2,709,296	334,917	1.96	170,876
1986	63,114.00	62,443	58,905	7,364	1.96	3,757
1987	1,492,769.27	1,474,899	1,391,343	176,065	1.96	89,829
1988	657,212.00	648,406	611,672	78,400	1.96	40,000
1989	3,970,148.95	3,909,574	3,688,088	480,569	1.97	243,944
1990	22,986,246.24	22,598,365	21,318,116	2,817,443	1.97	1,430,174
1991	3,880,006.38	3,807,730	3,592,013	481,993	1.97	244,666
1992	3,625,918.54	3,551,484	3,350,284	456,930	1.97	231,944
1993	2,394,748.00	2,340,810	2,208,198	306,288	1.97	155,476
1994	2,092,251.58	2,040,579	1,924,976	271,889	1.97	138,015
1996	3,815,700.00	3,701,511	3,491,812	514,673	1.98	259,936
1997	1,288,669.09	1,246,573	1,175,952	177,151	1.98	89,470
1998	1,860,989.90	1,794,687	1,693,014	261,026	1.98	131,831
1999	540,695.00	519,688	490,246	77,483	1.98	39,133
2000	12,772,878.74	12,231,845	11,538,883	1,872,640	1.98	945,778
2001	8,645,733.00	8,246,655	7,779,463	1,298,557	1.98	655,837
2002	1,068,319.46	1,014,542	957,066	164,670	1.98	83,167
2003	3,764,163.00	3,555,355	3,353,936	598,435	1.99	300,721
2004	7,103,977.00	6,673,352	6,295,291	1,163,885	1.99	584,867
2005	616,787.00	575,869	543,245	104,382	1.99	52,453
2006	5,322,247.34	4,935,360	4,655,761	932,599	1.99	468,643
2007	1,012,227.90	931,387	878,622	184,218	1.99	92,572
2008	6,214,258.16	5,667,916	5,346,816	1,178,156	1.99	592,038
2009	349,972,015.94	315,973,285	298,072,673	69,397,943	1.99	34,873,338
2010	3,684,513.84	3,287,694	3,101,439	767,301	1.99	385,578

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 312.00 BOILER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 47-R2						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
2011	2,917,121.00	2,567,020	2,421,592	641,385	1.99	322,304
2012	4,954,451.27	4,288,464	4,045,513	1,156,661	1.99	581,237
2013	1,046,240.05	887,542	837,261	261,291	1.99	131,302
2014	2,014,477.98	1,666,927	1,572,492	542,710	1.99	272,719
2015	6,821,467.48	5,467,740	5,157,980	2,004,561	1.99	1,007,317
2016	29,055,583.42	22,337,308	21,071,848	9,436,514	1.99	4,741,967
2017	4,022,964.43	2,920,847	2,755,374	1,468,738	1.99	738,059
2018	3,221,684.79	2,152,118	2,030,196	1,352,573	1.99	679,685
2019	76,922,736.50	44,711,225	42,178,231	38,590,642	2.00	19,295,321
2020	722,795.37	324,012	305,656	453,279	2.00	226,640
2021	92,885.06	19,193	18,106	79,424	2.00	39,712
	607,456,476.02	524,992,765	495,250,720	142,578,580		71,656,558
	5,775,239,105.46	2,935,609,151	2,769,300,158	3,334,415,273		348,705,481
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					9.6	6.04

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2025						
NET SALVAGE PERCENT.. -5						
1972	14,458,599.96	13,847,377	9,335,669	5,845,861	3.75	1,558,896
1973	247,984.00	237,193	159,912	100,472	3.76	26,721
1976	4,156.00	3,959	2,669	1,695	3.78	448
1978	996,961.00	946,923	638,400	408,409	3.79	107,760
1979	11,825.00	11,212	7,559	4,857	3.80	1,278
1980	11,094.00	10,502	7,080	4,568	3.80	1,202
1981	7,044.00	6,655	4,487	2,910	3.81	764
1982	20,080.00	18,932	12,764	8,320	3.82	2,178
1984	63,829.00	59,928	40,402	26,618	3.83	6,950
1985	10,825.00	10,142	6,838	4,529	3.83	1,183
1988	11,391.00	10,587	7,138	4,823	3.85	1,253
1989	1,010,687.00	936,443	631,334	429,887	3.86	111,370
1993	103,850.00	94,883	63,969	45,074	3.88	11,617
1995	1,772,445.02	1,605,431	1,082,355	778,713	3.89	200,183
1996	24,746.20	22,311	15,042	10,942	3.89	2,813
1997	63,836.00	57,241	38,591	28,437	3.90	7,292
2003	419,031.00	360,170	242,821	197,162	3.92	50,296
2005	2,495,539.00	2,100,760	1,416,297	1,204,019	3.93	306,366
2006	2,953,912.00	2,455,357	1,655,360	1,446,247	3.94	367,068
2008	310,574.77	250,836	169,109	156,994	3.94	39,846
2009	1,354,613.14	1,074,254	724,244	698,100	3.95	176,734
2010	25,825,550.74	20,069,978	13,530,842	13,585,986	3.95	3,439,490
2011	379,866.11	288,020	194,178	204,681	3.96	51,687
2012	680,436.57	501,736	338,262	376,196	3.96	94,999
2013	106.23	76	51	60	3.96	15
2014	720.46	492	332	425	3.97	107
2015	3,601,559.22	2,338,073	1,576,290	2,205,348	3.97	555,503
2016	78,663.56	47,824	32,242	50,355	3.97	12,684
2017	1,145,623.74	636,325	429,000	773,905	3.98	194,448
2018	14,019.66	6,867	4,630	10,091	3.98	2,535
2019	200,407.82	81,183	54,732	155,696	3.98	39,120
2020	108,826.69	31,069	20,946	93,322	3.99	23,389
2021	1,511,322.15	176,716	119,139	1,467,749	3.99	367,857
	59,900,126.04	48,299,455	32,562,682	30,332,450		7,764,052

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 3-2022						
NET SALVAGE PERCENT.. -12						
1958	5,631,280.52	6,273,039	5,227,863	1,079,171	0.25	1,079,171
1961	1,256.00	1,399	1,166	241	0.25	241
1962	27,275.00	30,379	25,317	5,231	0.25	5,231
1971	1,744.00	1,941	1,618	336	0.25	336
1976	11,409.00	12,696	10,581	2,197	0.25	2,197
1977	97,494.00	108,478	90,404	18,789	0.25	18,789
1978	33,656.00	37,444	31,205	6,489	0.25	6,489
1979	57,420.00	63,876	53,233	11,077	0.25	11,077
1983	18,152.00	20,182	16,819	3,511	0.25	3,511
1984	30.00	33	28	6	0.25	6
1985	693.00	770	642	134	0.25	134
1989	251,057.00	278,847	232,387	48,797	0.25	48,797
1990	897,559.00	996,691	830,628	174,638	0.25	174,638
1992	8,789.00	9,755	8,130	1,714	0.25	1,714
1993	86,920.00	96,446	80,377	16,974	0.25	16,974
2002	32,720.00	36,168	30,142	6,504	0.25	6,504
2004	55,407.00	61,159	50,969	11,087	0.25	11,087
2006	75,456.00	83,142	69,289	15,221	0.25	15,221
2008	872,331.46	958,976	799,197	177,814	0.25	177,814
2009	228,471.39	250,803	209,016	46,872	0.25	46,872
2011	294,521.78	322,122	268,452	61,412	0.25	61,412
2014	345.27	374	312	75	0.25	75
	8,683,987.42	9,644,720	8,037,775	1,688,291		1,688,290
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2007	530.48	207	140	433	23.09	19
2010	367,342.57	123,240	83,086	313,644	23.59	13,296
2012	263,616,996.91	77,181,046	52,034,165	232,672,191	23.93	9,723,033
2013	1,144.03	308	208	1,028	24.10	43
2014	249,038.46	61,027	41,143	227,818	24.26	9,391
2015	501,841.35	109,850	74,059	467,930	24.43	19,154
2016	43,726.64	8,361	5,637	41,588	24.59	1,691
2017	63,177.60	10,220	6,890	61,342	24.75	2,478

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2018	77,790.36	10,116	6,820	77,194	24.91	3,099
2019	222,805.64	21,423	14,443	226,187	25.07	9,022
2020	2,041,236.44	122,153	82,354	2,122,182	25.23	84,113
	267,185,630.48	77,647,951	52,348,945	236,211,536		9,865,339
MARSHALL UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -3						
1989	15,411.00	12,893	8,692	7,181	6.55	1,096
2004	1,232,138.30	901,685	607,901	661,202	6.76	97,811
2005	862,480.00	620,427	418,281	470,073	6.78	69,332
2010	123,108.36	78,617	53,002	73,799	6.84	10,789
2011	12,575,832.95	7,755,155	5,228,395	7,724,713	6.85	1,127,695
2012	501,212.95	296,828	200,116	316,133	6.86	46,084
2016	780,084.79	353,559	238,364	565,124	6.91	81,784
2017	32,002,337.69	12,900,827	8,697,521	24,264,887	6.92	3,506,487
2019	217,759.25	59,224	39,928	184,364	6.94	26,565
2020	161,644.96	29,554	19,925	146,569	6.95	21,089
2021	42,729.69	2,950	1,989	42,023	6.96	6,038
	48,514,739.94	23,011,719	15,514,115	34,456,067		4,994,770
MARSHALL UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -4						
1966	6,963,712.40	6,285,631	4,237,667	3,004,594	6.08	494,177
1988	215,071.00	182,589	123,098	100,575	6.53	15,402
1990	182,440.00	153,310	103,359	86,379	6.57	13,147
2002	571,758.00	434,703	293,069	301,559	6.74	44,742
2003	45,144.00	33,860	22,828	24,122	6.75	3,574
2008	8,501,476.38	5,799,163	3,909,698	4,931,837	6.82	723,143
2011	406,864.65	253,338	170,796	252,343	6.85	36,838
2013	140,725.84	80,110	54,009	92,346	6.88	13,422

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -4						
2016	3,799,632.30	1,738,830	1,172,290	2,779,328	6.91	402,218
2018	34,034,059.83	11,809,683	7,961,890	27,433,532	6.93	3,958,663
2021	209,845.11	14,626	9,861	208,378	6.96	29,939
	55,070,729.51	26,785,843	18,058,566	39,214,993		5,735,265
MARSHALL UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1969	7,664,187.45	6,432,718	4,336,831	3,633,924	8.94	406,479
1989	59,799.00	45,792	30,872	31,319	9.87	3,173
1999	6,803,081.00	4,715,270	3,178,956	3,896,248	10.22	381,238
2003	4,593,119.14	2,980,321	2,009,282	2,767,561	10.35	267,397
2006	4,656,363.70	2,823,246	1,903,385	2,939,233	10.45	281,266
2008	290,086.90	165,897	111,845	189,845	10.51	18,063
2009	254,120.27	140,372	94,636	169,649	10.54	16,096
2012	123,249.05	59,433	40,069	88,110	10.63	8,289
2013	16,522,918.27	7,496,964	5,054,327	12,129,508	10.66	1,137,853
2014	144,167.55	60,974	41,108	108,827	10.68	10,190
2017	1,946,951.30	590,137	397,860	1,626,969	10.77	151,065
2019	923,284.99	179,052	120,714	839,503	10.82	77,588
2021	11,018,730.66	503,988	339,780	11,119,700	10.87	1,022,971
	55,000,059.28	26,194,164	17,659,666	39,540,396		3,781,668
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1970	6,997,662.42	5,854,659	3,947,113	3,330,456	9.00	370,051
1988	298,000.00	229,812	154,935	154,985	9.83	15,767
1989	19,424.00	14,874	10,028	10,173	9.87	1,031
2001	14,502,833.61	9,751,276	6,574,147	8,508,800	10.29	826,900
2002	82,969.00	54,844	36,975	49,313	10.32	4,778
2006	12,840,650.63	7,785,543	5,248,882	8,105,394	10.45	775,636
2008	37,869.73	21,657	14,601	24,784	10.51	2,358
2009	632,900.97	349,605	235,698	422,519	10.54	40,087

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
2010	94,894.51	50,418	33,991	64,699	10.57	6,121
2013	3,658,534.94	1,659,991	1,119,138	2,685,738	10.66	251,945
2015	32,417,578.20	12,561,267	8,468,595	25,245,686	10.71	2,357,207
2016	508,987.93	177,104	119,401	409,947	10.74	38,170
2019	1,435,275.94	278,341	187,653	1,305,034	10.82	120,613
2020	915,019.21	114,908	77,469	874,151	10.85	80,567
	74,442,601.09	38,904,299	26,228,625	51,191,680		4,891,231
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1971	4,411.78	3,680	2,481	2,107	9.05	233
1972	11,110.00	9,235	6,226	5,328	9.11	585
1974	1,294.00	1,068	720	626	9.21	68
1977	1,317,884.00	1,075,893	725,349	645,250	9.36	68,937
1978	44,099.00	35,850	24,169	21,693	9.41	2,305
1979	9,581.00	7,757	5,230	4,735	9.45	501
1982	1,279.00	1,021	688	642	9.58	67
1983	4,239.00	3,367	2,270	2,139	9.63	222
1984	106,496.00	84,147	56,731	54,025	9.67	5,587
1985	7,699.00	6,050	4,079	3,928	9.71	405
1987	955,035.00	741,322	499,787	493,450	9.79	50,403
1988	885,623.00	682,975	460,450	460,598	9.83	46,856
1989	46,328.00	35,476	23,917	24,264	9.87	2,458
2000	34,537.00	23,585	15,901	20,018	10.26	1,951
2007	255,446.42	150,664	101,575	164,089	10.48	15,657
2008	494,230.11	282,643	190,553	323,446	10.51	30,775
2009	71,806.34	39,665	26,741	47,937	10.54	4,548
2010	170,895.99	90,798	61,214	116,517	10.57	11,023
2011	114,298.65	58,059	39,142	79,728	10.60	7,522
2012	57,609.54	27,780	18,729	41,185	10.63	3,874
2013	369,050.60	167,450	112,892	270,921	10.66	25,415
2014	1,698,158.51	718,214	484,208	1,281,877	10.68	120,026
2015	24,128.10	9,349	6,303	18,790	10.71	1,754
2016	775,081.24	269,692	181,822	624,263	10.74	58,125
2017	58,002.67	17,581	11,853	48,470	10.77	4,500
2018	332,368.64	83,931	56,585	289,079	10.79	26,791

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
2019	340,813.89	66,094	44,559	309,887	10.82	28,640
2020	241,420.37	30,318	20,440	230,637	10.85	21,257
2021	151,400.54	6,925	4,669	152,788	10.87	14,056
	8,584,327.39	4,730,589	3,189,284	5,738,416		554,541
BELEWS CREEK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2000	11,284,429.77	7,208,236	4,859,672	7,101,824	12.76	556,569
2005	1,616,611.00	926,393	624,559	1,089,049	13.01	83,709
2007	116,510.27	62,883	42,395	81,106	13.11	6,187
2008	340,652.29	177,549	119,701	241,391	13.16	18,343
2009	42,974,123.99	21,540,444	14,522,206	31,030,366	13.21	2,349,006
2011	146,767.95	66,961	45,144	110,430	13.30	8,303
2013	10,477,307.57	4,219,371	2,844,629	8,261,317	13.40	616,516
2014	115,824.05	43,136	29,082	93,692	13.44	6,971
2015	4,368,642.20	1,478,926	997,067	3,633,694	13.49	269,362
2017	9,971,514.95	2,595,522	1,749,857	8,819,948	13.58	649,481
2018	1,369,913.50	293,486	197,863	1,254,245	13.62	92,088
2019	7,490,902.62	1,215,192	819,262	7,121,095	13.67	520,929
2020	3,202,349.11	332,762	224,343	3,170,148	13.71	231,229
2021	3,724,310.31	138,527	93,393	3,854,376	13.75	280,318
	97,199,859.58	40,299,388	27,169,171	75,862,680		5,689,011
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1999	1,366,462.33	888,132	598,764	849,686	12.70	66,904
2004	14,752,403.98	8,675,555	5,848,913	9,788,635	12.96	755,296
2006	357,273.00	198,989	134,155	244,554	13.06	18,725
2010	48,860,751.97	23,425,183	15,792,865	35,999,532	13.26	2,714,897
2012	345,642.28	148,802	100,320	266,061	13.35	19,930
2013	226,680.47	91,288	61,545	178,736	13.40	13,339
2014	21,103,046.01	7,859,429	5,298,695	17,070,534	13.44	1,270,129

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2016	3,303,984.88	996,418	671,768	2,830,456	13.53	209,199
2017	430,034.72	111,935	75,465	380,372	13.58	28,010
2018	15,750,533.44	3,374,341	2,274,924	14,420,641	13.62	1,058,784
2019	226,663.49	36,770	24,790	215,474	13.67	15,763
2020	4,425,760.87	459,889	310,049	4,381,257	13.71	319,567
	111,149,237.44	46,266,731	31,192,253	86,625,939		6,490,543
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1974	6,801,667.93	5,456,208	3,678,484	3,531,284	11.12	317,562
1975	8,801,345.98	7,029,443	4,739,133	4,590,294	11.19	410,214
1976	487,948.52	387,831	261,469	255,756	11.27	22,694
1977	1,213,779.68	960,130	647,304	639,303	11.34	56,376
1978	66,096.00	52,009	35,064	34,998	11.42	3,065
1979	16,956.00	13,272	8,948	9,026	11.49	786
1980	16,325.00	12,709	8,568	8,736	11.56	756
1981	938.00	726	489	505	11.63	43
1983	34,406.00	26,312	17,739	18,731	11.76	1,593
1984	22,415.00	17,028	11,480	12,280	11.83	1,038
1985	8,407.00	6,343	4,276	4,635	11.89	390
1987	551,988.00	410,377	276,669	308,438	12.02	25,660
1988	21,273.00	15,691	10,579	11,971	12.08	991
1989	269,206.00	196,917	132,758	152,600	12.14	12,570
1990	984,316.83	713,606	481,101	562,275	12.20	46,088
1992	481,576.00	342,449	230,873	279,597	12.32	22,695
1993	99,378.00	69,950	47,159	58,182	12.37	4,703
1994	622,191.00	432,996	291,919	367,604	12.43	29,574
1995	648,464.00	445,871	300,599	386,773	12.49	30,967
1996	531,971.66	361,217	243,526	320,364	12.54	25,547
2005	522,913.00	299,654	202,022	352,266	13.01	27,077
2008	236,983.55	123,516	83,272	167,930	13.16	12,761
2009	371,199.21	186,061	125,439	268,032	13.21	20,290
2010	653,847.43	313,472	211,338	481,741	13.26	36,330
2011	196,077.12	89,457	60,310	147,531	13.30	11,093
2012	671,668.71	289,159	194,946	517,023	13.35	38,728
2013	502,201.07	202,244	136,350	395,984	13.40	29,551

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2014	1,311,255.44	488,352	329,239	1,060,692	13.44	78,921
2015	1,314,801.79	445,103	300,081	1,093,609	13.49	81,068
2016	1,093,960.01	329,917	222,425	937,173	13.53	69,266
2017	10,887,334.41	2,833,903	1,910,570	9,630,005	13.58	709,131
2018	712,809.97	152,710	102,955	652,624	13.62	47,917
2019	154,996.29	25,144	16,952	147,344	13.67	10,779
2020	472,066.95	49,053	33,071	467,320	13.71	34,086
	40,782,764.55	22,778,830	15,357,105	27,872,625		2,220,310
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1957	3,868,896.72	3,898,589	2,628,363	1,433,978	1.90	754,725
1961	3,942,990.55	3,968,366	2,675,406	1,464,734	1.91	766,876
1962	32,869.00	33,071	22,296	12,217	1.91	6,396
1963	1,640.00	1,649	1,112	610	1.92	318
1964	3,079.00	3,095	2,087	1,146	1.92	597
1971	1,808.00	1,812	1,222	677	1.93	351
1973	256,943.00	257,105	173,336	96,454	1.94	49,719
1974	96,034.00	96,036	64,746	36,090	1.94	18,603
1975	596,111.00	595,747	401,643	224,274	1.94	115,605
1976	94,676.96	94,556	63,748	35,663	1.94	18,383
1978	5,620.00	5,603	3,777	2,124	1.95	1,089
1981	710,025.00	706,043	476,002	269,524	1.95	138,217
1983	7,341.00	7,283	4,910	2,798	1.96	1,428
1984	3,139.00	3,111	2,097	1,199	1.96	612
1985	1,878.00	1,859	1,253	719	1.96	367
1989	1,246,728.13	1,227,300	827,425	481,640	1.96	245,735
1990	2,145,730.00	2,108,148	1,421,278	831,739	1.97	422,203
1992	441,023.00	431,738	291,071	172,004	1.97	87,312
1994	711,012.00	693,124	467,293	279,270	1.97	141,761
1995	277,220.00	269,611	181,767	109,314	1.97	55,489
1996	990,999.00	961,374	648,142	392,407	1.97	199,191
2001	69,431.00	66,223	44,646	28,256	1.98	14,271
2004	335,509.00	315,397	212,635	139,649	1.98	70,530
2008	2,846,787.25	2,597,790	1,751,386	1,237,740	1.99	621,980
2009	86,175.48	77,848	52,484	38,000	1.99	19,095

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 314.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
2010	2,074,090.82	1,851,954	1,248,556	929,239	1.99	466,954
2011	270,277.27	238,027	160,474	123,317	1.99	61,968
2012	904,215.95	783,258	528,059	421,367	1.99	211,742
2013	84,363.73	71,632	48,293	40,289	1.99	20,246
2014	113,668.33	94,165	63,484	55,867	1.99	28,074
2015	125,606.43	100,827	67,976	63,911	1.99	32,116
2016	39,547,940.85	30,448,039	20,527,556	20,997,782	1.99	10,551,649
2017	384,349.75	279,632	188,523	215,044	1.99	108,062
2018	355,263.72	236,887	159,705	213,322	2.00	106,661
2019	204,111.41	118,854	80,129	134,188	2.00	67,094
2020	739,470.74	332,761	224,342	552,102	2.00	276,051
2021	13,005.79	2,731	1,841	11,815	2.00	5,908
	63,590,030.88	52,981,245	35,719,065	31,050,467		15,687,378
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 50-S0.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -10						
2006	14,673.94	6,098	4,111	12,030	22.91	525
	14,673.94	6,098	4,111	12,030		525
	890,118,767.54	417,551,032	283,041,363	659,797,570		69,362,923
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					9.5	7.79

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2025						
NET SALVAGE PERCENT.. -5						
1972	4,944,585.63	4,768,059	4,184,109	1,007,706	3.82	263,797
1973	215,926.00	207,922	182,458	44,265	3.83	11,557
1976	64,395.00	61,753	54,190	13,425	3.84	3,496
1978	45,982.00	43,953	38,570	9,711	3.85	2,522
1982	54,613.00	51,811	45,466	11,878	3.87	3,069
1988	59,578.00	55,675	48,856	13,700	3.90	3,513
1989	1,613,794.00	1,503,651	1,319,497	374,987	3.90	96,151
1990	94,955.00	88,169	77,371	22,332	3.91	5,712
1992	272,525.00	251,218	220,451	65,700	3.92	16,760
1993	19,531.00	17,935	15,738	4,769	3.92	1,217
1994	84,218.00	76,990	67,561	20,868	3.93	5,310
1995	72,049.00	65,573	57,542	18,109	3.93	4,608
1996	8,458,818.00	7,661,760	6,723,414	2,158,344	3.93	549,197
1997	59,323.00	53,432	46,888	15,401	3.94	3,909
2000	17,042.00	15,063	13,218	4,676	3.95	1,184
2002	3,889,974.00	3,386,028	2,971,337	1,113,136	3.95	281,807
2006	1,192,965.00	994,951	873,098	379,515	3.97	95,596
2007	27,253.05	22,418	19,672	8,943	3.97	2,253
2008	350,432.88	283,807	249,049	118,906	3.97	29,951
2010	477,271.12	371,707	326,184	174,951	3.98	43,958
2011	31,609.88	24,036	21,092	12,098	3.98	3,040
2012	505,068.62	373,394	327,664	202,658	3.98	50,919
2015	90,762.68	59,017	51,789	43,512	3.99	10,905
2017	309,517.35	172,259	151,162	173,831	3.99	43,567
2020	1,075,678.21	308,038	270,312	859,150	4.00	214,788
	24,027,867.42	20,918,619	18,356,689	6,872,572		1,748,786
LEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 3-2022						
NET SALVAGE PERCENT.. -12						
1958	987,134.49	1,100,295	965,540	140,050	0.25	140,050
1960	13,352.00	14,881	13,059	1,896	0.25	1,896
1961	107.00	119	104	15	0.25	15
1962	2,634.00	2,935	2,576	375	0.25	375
1963	332.00	370	325	47	0.25	47
1964	171.00	191	168	24	0.25	24
1965	187.00	208	183	27	0.25	27

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 3-2022						
NET SALVAGE PERCENT.. -12						
1966	3,676.00	4,096	3,594	523	0.25	523
1967	404.00	450	395	58	0.25	58
1968	32,815.00	36,557	32,080	4,673	0.25	4,673
1970	95,859.99	106,776	93,699	13,664	0.25	13,664
1973	263,345.33	293,263	257,347	37,600	0.25	37,600
1977	2,401.00	2,673	2,346	343	0.25	343
1979	5,568.00	6,197	5,438	798	0.25	798
1980	15,476.00	17,221	15,112	2,221	0.25	2,221
1984	468,522.00	521,066	457,250	67,494	0.25	67,494
1989	514,590.52	571,765	501,740	74,601	0.25	74,601
1990	48,602.00	53,990	47,378	7,056	0.25	7,056
1991	294,628.00	327,208	287,134	42,849	0.25	42,849
1992	46,492.00	51,620	45,298	6,773	0.25	6,773
1993	11,416,585.00	12,672,135	11,120,163	1,666,413	0.25	1,666,413
1994	591,315.00	656,147	575,788	86,485	0.25	86,485
2002	14,328.00	15,842	13,902	2,146	0.25	2,146
2004	64,364.00	71,064	62,361	9,727	0.25	9,727
2005	92,085.00	101,585	89,144	13,991	0.25	13,991
2007	77,783.77	85,634	75,146	11,972	0.25	11,972
2008	224,963.61	247,358	217,064	34,895	0.25	34,895
2010	399,019.57	437,370	383,805	63,097	0.25	63,097
2011	187,977.03	205,629	180,445	30,089	0.25	30,089
2013	88,608.30	96,403	84,596	14,645	0.25	14,645
2015	200,523.59	216,268	189,781	34,805	0.25	34,805
2016	363,114.57	389,006	341,364	65,324	0.25	65,324
2017	120,112.16	127,446	111,838	22,688	0.25	22,688
	16,637,076.93	18,433,768	16,176,161	2,457,365		2,457,364
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2007	303.90	119	104	224	24.60	9
2010	254,870.59	85,273	74,830	200,431	25.02	8,011
2012	150,075,783.36	43,715,095	38,361,252	123,720,594	25.29	4,892,076
2014	180,515.52	43,889	38,514	156,443	25.54	6,125
2015	50,015.15	10,850	9,521	44,495	25.66	1,734

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2017	2,306,924.73	367,418	322,420	2,169,059	25.90	83,747
2020	644,433.55	37,674	33,060	662,928	26.21	25,293
2021	189,151.48	3,810	3,343	200,940	26.31	7,637
	153,701,998.28	44,264,128	38,843,044	127,155,114		5,024,632
CLIFFSIDE COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -6						
2015	106,682.29	22,715	19,933	93,150	25.66	3,630
2018	13,997.76	1,755	1,540	13,298	26.01	511
2019	1,170,732.92	108,437	95,157	1,145,820	26.11	43,884
2020	23,655.95	1,357	1,191	23,884	26.21	911
	1,315,068.92	134,264	117,821	1,276,152		48,936
MARSHALL UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -3						
1965	499,666.10	452,043	396,681	117,975	6.33	18,637
1997	4,436,383.00	3,546,689	3,112,322	1,457,153	6.80	214,287
2000	26,608.00	20,651	18,122	9,284	6.83	1,359
2003	83,020.00	62,018	54,423	31,088	6.86	4,532
2006	5,714.00	4,056	3,559	2,326	6.89	338
2009	15,979.26	10,557	9,264	7,195	6.92	1,040
2011	152,081.77	94,023	82,508	74,136	6.94	10,682
2012	167,734.46	99,612	87,412	85,354	6.94	12,299
2016	8,679.28	3,939	3,457	5,483	6.97	787
2017	597,871.60	241,064	211,541	404,267	6.98	57,918
2019	939,682.45	254,976	223,749	744,124	6.99	106,456
2021	671,083.58	46,146	40,494	650,722	6.99	93,093
	7,604,503.50	4,835,774	4,243,531	3,589,108		521,428

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -4						
1966	1,241,662.52	1,132,328	993,650	297,679	6.35	46,879
1992	128,501.63	107,631	94,449	39,192	6.74	5,815
2000	21,334.00	16,719	14,671	7,516	6.83	1,100
2003	75,006.00	56,576	49,647	28,359	6.86	4,134
2005	51,744.00	37,786	33,158	20,655	6.88	3,002
2008	96,388.00	66,053	57,963	42,280	6.91	6,119
2009	7,361.14	4,911	4,310	3,346	6.92	484
2012	26,019.19	15,602	13,691	13,369	6.94	1,926
2016	3,392,241.56	1,554,442	1,364,067	2,163,864	6.97	310,454
2018	204,721.48	71,106	62,398	150,513	6.98	21,563
2021	677,448.21	47,036	41,275	663,271	6.99	94,889
	5,922,427.73	3,110,190	2,729,281	3,430,044		496,365
MARSHALL UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1969	2,633,630.75	2,237,826	1,963,757	775,219	9.52	81,431
1989	68,471.00	53,048	46,551	24,659	10.23	2,410
1990	9,134.00	7,023	6,163	3,336	10.26	325
1993	177,465.00	133,006	116,717	67,847	10.35	6,555
1994	19,060,392.51	14,146,745	12,414,176	7,408,633	10.38	713,741
1997	36,542.00	26,243	23,029	14,975	10.46	1,432
2000	85,117.00	58,637	51,456	37,066	10.55	3,513
2004	60,290.00	38,603	33,875	28,826	10.65	2,707
2006	25,839.00	15,766	13,835	13,037	10.70	1,218
2008	629,031.93	361,658	317,365	336,828	10.75	31,333
2009	357,984.76	198,725	174,387	197,917	10.77	18,377
2010	268,321.74	143,180	125,645	153,410	10.79	14,218
2011	30,350.58	15,477	13,582	17,983	10.81	1,664
2013	3,384,204.47	1,540,939	1,352,218	2,167,354	10.85	199,756
2015	199,793.02	77,441	67,957	139,828	10.89	12,840
2017	1,352,420.14	409,817	359,626	1,046,891	10.92	95,869
2019	66,086.32	12,775	11,210	57,519	10.95	5,253
2021	640,608.32	29,041	25,484	640,748	10.97	58,409
	29,085,682.54	19,505,950	17,117,032	13,132,078		1,251,051

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1970	3,562,732.58	3,018,364	2,648,701	1,056,541	9.56	110,517
1989	68,471.00	53,048	46,551	24,659	10.23	2,410
1992	187,763.00	142,003	124,612	70,662	10.32	6,847
1994	86,925.50	64,517	56,616	33,787	10.38	3,255
1995	10,418,472.57	7,653,452	6,716,124	4,119,087	10.41	395,686
1997	32,598.00	23,410	20,543	13,359	10.46	1,277
2001	8,213.00	5,570	4,888	3,654	10.57	346
2006	44,810.00	27,342	23,993	22,609	10.70	2,113
2008	96,140.95	55,276	48,506	51,480	10.75	4,789
2012	217,693.80	105,379	92,473	133,928	10.83	12,366
2015	4,160,151.41	1,612,508	1,415,022	2,911,535	10.89	267,359
2019	1,008,450.02	194,938	171,064	877,724	10.95	80,157
	19,892,421.83	12,955,807	11,369,093	9,319,026		887,122
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1971	273,644.65	231,124	202,818	81,772	9.60	8,518
1972	2,779.00	2,340	2,053	837	9.64	87
1973	753,819.00	632,555	555,085	228,887	9.68	23,645
1975	2,850.00	2,374	2,083	881	9.76	90
1976	85,435.00	70,928	62,241	26,611	9.79	2,718
1977	12,075.00	9,985	8,762	3,796	9.83	386
1978	9,208.00	7,582	6,653	2,923	9.87	296
1979	10,163.00	8,334	7,313	3,256	9.90	329
1982	19,261.00	15,574	13,667	6,365	10.00	636
1983	254,816.00	204,934	179,835	85,173	10.04	8,483
1984	422,437.00	337,936	296,549	142,786	10.07	14,179
1989	3,581,661.00	2,774,885	2,435,041	1,289,886	10.23	126,089
1992	283,025.00	214,048	187,833	106,513	10.32	10,321
1993	13,885.00	10,406	9,132	5,309	10.35	513
1994	53,907.00	40,010	35,110	20,953	10.38	2,019
2003	855,405.00	559,082	490,611	399,011	10.63	37,536
2005	1,886,485.00	1,180,384	1,035,821	926,123	10.68	86,716
2006	2,128,349.00	1,298,673	1,139,623	1,073,860	10.70	100,361
2007	519,501.00	308,328	270,567	269,714	10.72	25,160
2008	927,746.17	533,401	468,075	496,781	10.75	46,212

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
2009	106,284.49	59,001	51,775	58,761	10.77	5,456
2010	3,622,487.54	1,933,009	1,696,271	2,071,116	10.79	191,948
2011	715,478.75	364,854	320,170	423,928	10.81	39,216
2012	161,268.61	78,065	68,504	99,215	10.83	9,161
2015	223,014.66	86,442	75,855	156,080	10.89	14,332
2018	883,350.96	222,193	194,981	723,704	10.94	66,152
2019	55,851.42	10,796	9,474	48,612	10.95	4,439
2020	864,884.68	108,288	95,026	804,454	10.96	73,399
2021	3,690,080.44	167,285	146,797	3,690,886	10.97	336,453
	22,419,153.37	11,472,816	10,067,726	13,248,194		1,234,850
BELEWS CREEK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1997	84,097.45	56,929	49,957	39,186	13.10	2,991
2000	352,111.00	227,145	199,326	173,911	13.23	13,145
2003	1,785,811.92	1,084,288	951,494	941,467	13.35	70,522
2004	15,767,394.32	9,341,475	8,197,413	8,516,025	13.40	635,524
2005	113,717.36	65,623	57,586	62,954	13.44	4,684
2012	52,856.93	22,824	20,029	36,000	13.69	2,630
2013	132,835.10	53,565	47,005	93,800	13.73	6,832
2015	192,635.21	65,209	57,223	146,971	13.79	10,658
2016	50,087.62	15,075	13,229	39,864	13.82	2,885
2017	622,509.80	161,633	141,838	518,023	13.84	37,429
2019	1,519,045.07	245,602	215,523	1,394,665	13.89	100,408
2021	686,077.30	25,199	22,113	705,129	13.93	50,619
	21,359,179.08	11,364,567	9,972,734	12,667,996		938,327
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1997	103,588.14	70,123	61,535	48,268	13.10	3,685
1999	50,389.00	33,084	29,032	24,380	13.18	1,850
2004	17,306,105.84	10,253,092	8,997,382	9,347,090	13.40	697,544

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2010	320,523.50	154,296	135,399	204,356	13.63	14,993
2012	222,060.28	95,886	84,143	151,241	13.69	11,048
2015	247,336.39	83,726	73,472	188,705	13.79	13,684
2016	41,251.86	12,416	10,895	32,832	13.82	2,376
2017	271,163.78	70,407	61,784	225,649	13.84	16,304
2018	141,544.92	30,164	26,470	123,568	13.87	8,909
2019	364,468.38	58,928	51,711	334,625	13.89	24,091
2020	259,926.89	26,819	23,534	251,988	13.91	18,116
	19,328,358.98	10,888,941	9,555,358	10,932,703		812,600
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1974	4,621,184.12	3,756,772	3,296,675	1,601,780	11.91	134,490
1975	9,858,787.62	7,979,129	7,001,915	3,448,400	11.97	288,087
1978	2,536.00	2,023	1,775	913	12.14	75
1979	278,208.00	220,765	193,728	101,173	12.20	8,293
1980	60,375.00	47,654	41,818	22,180	12.25	1,811
1981	23,404.00	18,364	16,115	8,693	12.31	706
1982	6,699.00	5,226	4,586	2,515	12.36	203
1985	74,890.00	57,268	50,254	29,129	12.52	2,327
1988	1,070,275.00	799,828	701,872	432,619	12.67	34,145
1989	310,119.00	229,783	201,641	127,085	12.72	9,991
1990	113,725.00	83,508	73,281	47,268	12.77	3,701
1991	46,782.00	34,022	29,855	19,734	12.82	1,539
1993	163,556.00	116,504	102,236	71,134	12.91	5,510
1994	16,916.00	11,911	10,452	7,479	12.96	577
1995	66,756.00	46,445	40,757	30,005	13.00	2,308
1996	322,253.00	221,271	194,172	147,417	13.05	11,296
1997	138,030.00	93,438	81,995	64,317	13.10	4,910
2004	89,370.00	52,948	46,463	48,269	13.40	3,602
2006	1,341,345.83	751,919	659,831	761,996	13.48	56,528
2007	26,718.57	14,513	12,736	15,586	13.51	1,154
2008	13,281.39	6,963	6,110	7,968	13.55	588
2009	202,003.96	101,728	89,269	124,855	13.59	9,187
2010	60,628.05	29,186	25,612	38,654	13.63	2,836
2012	67,366.71	29,089	25,526	45,882	13.69	3,351

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2013	92,725.54	37,391	32,812	65,477	13.73	4,769
2014	83,315.09	31,020	27,221	61,093	13.76	4,440
2015	8,203,652.95	2,777,027	2,436,921	6,258,951	13.79	453,876
2016	533,814.66	160,666	140,989	424,855	13.82	30,742
2018	1,685,073.61	359,093	315,114	1,471,064	13.87	106,061
2019	1,532,157.70	247,722	217,383	1,406,704	13.89	101,275
2020	111,345.04	11,489	10,082	107,944	13.91	7,760
	31,217,294.84	18,334,665	16,089,195	17,001,138		1,296,138
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1957	678,064.69	686,188	602,150	109,818	1.93	56,901
1961	966,167.65	976,311	856,741	157,735	1.94	81,307
1962	22,737.00	22,968	20,155	3,719	1.94	1,917
1963	3,892.00	3,930	3,449	638	1.94	329
1964	2,105.00	2,125	1,865	346	1.94	178
1965	50.00	50	44	9	1.95	5
1966	169,628.00	171,031	150,085	28,025	1.95	14,372
1967	13,365.00	13,469	11,819	2,214	1.95	1,135
1969	62.00	62	54	11	1.95	6
1970	19,433.00	19,554	17,159	3,245	1.95	1,664
1971	100.00	101	89	16	1.95	8
1973	819,144.10	822,592	721,848	138,253	1.96	70,537
1974	40,425.00	40,568	35,600	6,847	1.96	3,493
1975	2,629.00	2,636	2,313	447	1.96	228
1978	95,725.13	95,771	84,042	16,470	1.96	8,403
1982	36,774.00	36,642	32,154	6,458	1.97	3,278
1983	9,965.00	9,918	8,703	1,760	1.97	893
1986	88,133.00	87,397	76,693	15,846	1.97	8,044
1989	740,754.00	731,070	641,535	136,257	1.98	68,817
1990	1,339,675.39	1,319,925	1,158,272	248,387	1.98	125,448
1991	19,550,709.04	19,227,575	16,872,750	3,655,495	1.98	1,846,210
1992	218,638.00	214,609	188,326	41,244	1.98	20,830
1994	54,982.00	53,736	47,155	10,576	1.98	5,341
1996	33,190.00	32,276	28,323	6,526	1.98	3,296
1997	5,352,876.20	5,190,663	4,554,956	1,065,564	1.98	538,164

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 315.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
2001	30,727.00	29,366	25,770	6,494	1.99	3,263
2002	4,545.00	4,325	3,795	977	1.99	491
2003	50,059.00	47,399	41,594	10,968	1.99	5,512
2005	373,945.42	350,013	307,146	85,496	1.99	42,963
2006	1,986,054.64	1,846,313	1,620,193	465,165	1.99	233,751
2007	480,962.47	443,692	389,352	115,658	1.99	58,120
2008	3,264,356.45	2,984,937	2,619,368	808,206	1.99	406,134
2009	150,469.44	136,204	119,523	38,470	1.99	19,332
2010	1,409,418.94	1,259,830	1,105,537	374,353	2.00	187,176
2011	164,768.03	145,237	127,450	45,557	2.00	22,778
2015	132,259.37	106,158	93,157	45,716	2.00	22,858
2016	1,733,326.18	1,334,018	1,170,639	649,353	2.00	324,676
2017	1,056,479.15	767,982	673,926	435,377	2.00	217,688
2019	145,072.68	84,626	74,262	78,065	2.00	39,032
2020	213,244.19	95,960	84,208	139,699	2.00	69,850
	41,454,912.16	39,397,227	34,572,199	8,955,459		4,514,428
	393,965,945.58	215,616,716	189,209,864	230,036,949		21,232,027
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					10.8	5.39

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2025						
NET SALVAGE PERCENT.. -5						
1981	84,893.00	80,655	68,487	20,651	3.70	5,581
1982	6,780.00	6,426	5,457	1,662	3.73	446
1983	33,518.00	31,694	26,913	8,281	3.75	2,208
1984	41,037.00	38,721	32,879	10,209	3.76	2,715
1985	7,557.00	7,112	6,039	1,896	3.78	502
1986	20,042.00	18,809	15,971	5,073	3.80	1,335
1987	74,189.00	69,438	58,962	18,936	3.81	4,970
1988	65,199.00	60,831	51,654	16,805	3.83	4,388
1989	121,277.00	112,805	95,787	31,554	3.84	8,217
1990	420,184.00	389,547	330,779	110,415	3.85	28,679
1991	263,537.00	243,461	206,732	69,982	3.86	18,130
1992	69,417.00	63,885	54,247	18,641	3.87	4,817
1993	88,658.00	81,260	69,001	24,090	3.88	6,209
1994	1,340,783.74	1,223,553	1,038,963	368,859	3.89	94,822
1995	339,989.00	308,799	262,212	94,776	3.90	24,302
1996	78,564.00	70,994	60,284	22,209	3.91	5,680
1997	84,160.00	75,661	64,247	24,121	3.91	6,169
1998	14,389.00	12,859	10,919	4,189	3.92	1,069
1999	50,680.00	44,997	38,209	15,005	3.93	3,818
2000	39,336.00	34,694	29,460	11,843	3.93	3,013
2001	465,398.00	407,290	345,845	142,823	3.94	36,249
2002	26,977.28	23,423	19,889	8,437	3.94	2,141
2003	953,724.00	820,295	696,542	304,868	3.95	77,182
2004	495,653.00	422,172	358,482	161,954	3.95	41,001
2005	109,721.00	92,442	78,496	36,711	3.95	9,294
2006	233,684.00	194,391	165,064	80,304	3.96	20,279
2007	473,273.96	388,337	329,751	167,187	3.96	42,219
2008	234,073.32	189,093	160,566	85,211	3.96	21,518
2009	285,018.68	226,020	191,922	107,348	3.97	27,040
2010	416,729.24	323,729	274,890	162,676	3.97	40,976
2011	198,258.78	150,379	127,692	80,479	3.97	20,272
2012	1,602,821.97	1,181,743	1,003,461	679,502	3.97	171,159
2013	853,075.39	607,295	515,676	380,053	3.98	95,491
2014	160,534.03	109,608	93,072	75,489	3.98	18,967
2015	394,084.60	255,589	217,030	196,759	3.98	49,437
2016	571,267.05	346,666	294,367	305,464	3.98	76,750
2017	7,597.22	4,215	3,579	4,398	3.98	1,105
2018	244,158.80	119,249	101,259	155,108	3.99	38,874

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE UNIT 5 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2025						
NET SALVAGE PERCENT.. -5						
2019	177,166.34	71,305	60,548	125,477	3.99	31,448
2020	4,588.13	1,310	1,112	3,705	3.99	929
2021	341,385.52	39,918	33,896	324,559	3.99	81,343
	11,493,380.05	8,950,670	7,600,340	4,467,709		1,130,744
LEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 3-2022						
NET SALVAGE PERCENT.. -12						
1981	66,257.00	73,701	62,582	11,626	0.25	11,626
1982	3,686.00	4,100	3,481	647	0.25	647
1983	102,154.00	113,601	96,463	17,950	0.25	17,950
1984	33,260.00	36,982	31,403	5,848	0.25	5,848
1985	26,360.00	29,305	24,884	4,639	0.25	4,639
1986	184,214.00	204,760	173,869	32,450	0.25	32,450
1987	74,471.00	82,762	70,276	13,131	0.25	13,131
1988	25,908.00	28,787	24,444	4,573	0.25	4,573
1989	13,538.00	15,039	12,770	2,392	0.25	2,392
1990	55,355.00	61,479	52,204	9,794	0.25	9,794
1991	106,755.00	118,539	100,656	18,910	0.25	18,910
1992	289,381.00	321,238	272,775	51,332	0.25	51,332
1993	277,917.00	308,428	261,897	49,370	0.25	49,370
1994	751,866.28	834,158	708,314	133,776	0.25	133,776
1995	123,973.00	137,497	116,754	22,096	0.25	22,096
1996	42,827.00	47,482	40,319	7,648	0.25	7,648
1997	179,249.00	198,659	168,689	32,070	0.25	32,070
1998	90,791.00	100,581	85,407	16,279	0.25	16,279
1999	59,931.00	66,362	56,350	10,772	0.25	10,772
2000	52,877.00	58,522	49,693	9,529	0.25	9,529
2001	16,325.00	18,058	15,334	2,950	0.25	2,950
2002	625,175.00	691,121	586,856	113,340	0.25	113,340
2003	54,735.00	60,468	51,346	9,958	0.25	9,958
2004	154,238.00	170,266	144,579	28,167	0.25	28,167
2005	11,598.00	12,792	10,862	2,128	0.25	2,128
2006	246,245.89	271,347	230,411	45,385	0.25	45,385
2007	42,948.25	47,275	40,143	7,959	0.25	7,959
2008	283,534.61	311,709	264,683	52,875	0.25	52,875
2009	261,492.55	287,061	243,754	49,118	0.25	49,118

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 3-2022						
NET SALVAGE PERCENT.. -12						
2010	30,627.11	33,565	28,501	5,801	0.25	5,801
2014	778,897.95	844,040	716,705	155,661	0.25	155,661
2015	128,771.40	138,859	117,910	26,314	0.25	26,314
2016	759,336.41	813,351	690,646	159,811	0.25	159,811
2017	296,584.93	314,620	267,155	65,020	0.25	65,020
2018	39,468.83	41,250	35,027	9,178	0.25	9,178
	6,290,749.21	6,897,764	5,857,143	1,188,496		1,188,497
CLIFFSIDE UNIT 6 (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -8						
2007	487.37	191	162	364	23.63	15
2010	408,739.68	135,906	115,403	326,036	24.28	13,428
2012	244,524,649.04	70,495,283	59,860,115	204,226,506	24.66	8,281,691
2013	354,664.42	93,867	79,706	303,332	24.83	12,216
2014	492,641.67	118,270	100,427	431,626	24.98	17,279
2015	539,865.68	115,381	97,974	485,081	25.13	19,303
2016	27,124.11	5,047	4,286	25,008	25.27	990
2017	127,021.59	19,941	16,933	120,251	25.40	4,734
	246,475,193.56	70,983,886	60,275,006	205,918,203		8,349,656
CLIFFSIDE COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -6						
2013	89,112.66	23,148	19,656	74,804	24.83	3,013
2014	65,022.64	15,321	13,010	55,914	24.98	2,238
2015	252,135.64	52,889	44,910	222,354	25.13	8,848
2016	5,717,955.38	1,044,255	886,715	5,174,318	25.27	204,761
2017	202,349.94	31,178	26,474	188,017	25.40	7,402
2018	92,715.72	11,464	9,735	88,544	25.52	3,470

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLIFFSIDE COMMON (J.E. ROGERS)						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -6						
2019	252,868.14	23,030	19,556	248,485	25.64	9,691
2020	267,596.33	15,127	12,845	270,807	25.74	10,521
2021	390,456.52	7,702	6,540	407,344	25.84	15,764
	7,330,212.97	1,224,114	1,039,440	6,730,586		265,708
MARSHALL UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -3						
1994	796,674.00	650,945	552,741	267,833	6.64	40,336
2000	63,248.00	48,925	41,544	23,601	6.77	3,486
2003	51,191.00	38,085	32,339	20,387	6.82	2,989
2011	69,737.47	42,922	36,447	35,383	6.91	5,121
2014	1,044,406.33	554,414	470,773	604,965	6.93	87,297
	2,025,256.80	1,335,291	1,133,844	952,171		139,229
MARSHALL UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2028						
NET SALVAGE PERCENT.. -4						
1994	1,018,429.00	840,215	713,458	345,708	6.64	52,064
2003	32,372.00	24,318	20,649	13,018	6.82	1,909
	1,050,801.00	864,533	734,107	358,726		53,973
MARSHALL UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1994	588,412.60	436,809	370,910	241,039	10.04	24,008
2003	43,589.00	28,347	24,070	21,262	10.51	2,023
2007	382,912.35	225,708	191,657	206,572	10.64	19,415
2010	36,182.02	19,159	16,269	21,361	10.72	1,993
2011	1,153,569.99	583,804	495,729	703,983	10.74	65,548

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL UNIT 3						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
2012	1,071,659.66	514,610	436,974	677,552	10.76	62,970
2013	396,714.89	179,235	152,195	260,388	10.78	24,155
2016	22,459.11	7,762	6,591	16,766	10.83	1,548
	3,695,499.62	1,995,434	1,694,396	2,148,924		201,660
MARSHALL UNIT 4						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1994	889,625.00	660,415	560,782	364,428	10.04	36,298
2003	46,874.00	30,483	25,884	22,865	10.51	2,176
2006	11,058.00	6,706	5,694	5,806	10.61	547
2008	799,940.60	456,759	387,851	444,088	10.67	41,620
2013	465,762.05	210,430	178,684	305,709	10.78	28,359
	2,213,259.65	1,364,793	1,158,895	1,142,895		109,000
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1981	6,215.00	5,146	4,370	2,094	8.58	244
1982	76,588.00	62,980	53,479	26,173	8.73	2,998
1983	31,274.00	25,533	21,681	10,844	8.88	1,221
1984	81,768.00	66,275	56,277	28,762	9.02	3,189
1985	28,399.00	22,842	19,396	10,139	9.16	1,107
1986	80,499.00	64,267	54,571	29,148	9.28	3,141
1987	122,914.00	97,348	82,662	45,169	9.40	4,805
1988	717,349.00	563,561	478,540	267,503	9.51	28,129
1989	372,258.00	289,932	246,192	140,956	9.62	14,652
1990	30,203.00	23,323	19,804	11,607	9.71	1,195
1991	304,996.00	233,301	198,104	119,091	9.81	12,140
1992	1,774,131.47	1,344,319	1,141,510	703,586	9.89	71,141
1993	2,172,040.53	1,629,293	1,383,492	875,430	9.97	87,806
1994	1,633,232.00	1,212,433	1,029,521	669,040	10.04	66,637
1995	122,405.00	89,856	76,300	51,001	10.11	5,045
1996	45,472.00	32,994	28,016	19,274	10.17	1,895

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MARSHALL COMMON						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2032						
NET SALVAGE PERCENT.. -4						
1997	155,468.00	111,396	94,590	67,096	10.23	6,559
1998	139,444.00	98,563	83,693	61,328	10.29	5,960
1999	36,327.00	25,311	21,492	16,288	10.34	1,575
2000	114,694.00	78,688	66,817	52,465	10.39	5,050
2001	246,225.88	166,208	141,133	114,942	10.43	11,020
2002	253,934.66	168,382	142,979	121,113	10.47	11,568
2003	76,582.00	49,803	42,290	37,356	10.51	3,554
2004	175,927.00	111,972	95,080	87,885	10.55	8,330
2005	238,846.24	148,588	126,171	122,229	10.58	11,553
2006	108,096.20	65,552	55,663	56,757	10.61	5,349
2007	253,467.27	149,407	126,867	136,739	10.64	12,851
2008	1,918,452.18	1,095,419	930,160	1,065,030	10.67	99,815
2009	300,234.99	165,589	140,608	171,637	10.69	16,056
2010	289,192.37	153,135	130,033	170,728	10.72	15,926
2011	254,064.53	128,578	109,180	155,047	10.74	14,436
2012	1,512,885.65	726,486	616,886	956,515	10.76	88,895
2013	353,337.59	159,637	135,554	231,917	10.78	21,514
2014	1,604,495.68	674,095	572,399	1,096,277	10.80	101,507
2015	8,990,605.80	3,457,996	2,936,311	6,413,919	10.82	592,784
2016	238,817.26	82,536	70,084	178,286	10.83	16,462
2017	2,779,341.95	837,238	710,929	2,179,586	10.84	201,069
2018	174,946.16	43,768	37,165	144,779	10.86	13,331
2019	372,911.71	71,574	60,776	327,052	10.87	30,088
2020	222,434.08	27,700	23,521	207,810	10.88	19,100
2021	380,839.77	17,055	14,482	381,591	10.89	35,040
	28,791,315.97	14,578,079	12,378,779	17,564,190		1,654,737
BELEWS CREEK UNIT 1						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2003	439,193.00	265,174	225,169	240,376	13.14	18,293
2007	365,503.00	196,925	167,216	220,217	13.37	16,471
2008	1,350,514.93	701,916	596,022	835,523	13.42	62,260
2014	801,092.24	295,498	250,918	598,240	13.64	43,859
2015	403,398.60	135,191	114,796	312,807	13.67	22,883
	3,359,701.77	1,594,704	1,354,121	2,207,163		163,766

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK UNIT 2						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2008	803,429.85	417,574	354,577	497,058	13.42	37,039
2012	135,843.85	58,079	49,317	94,677	13.58	6,972
2014	818,628.99	301,967	256,411	611,335	13.64	44,819
2015	350,734.64	117,542	99,809	271,969	13.67	19,895
	2,108,637.33	895,162	760,115	1,475,041		108,725
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
1981	8,773.00	7,136	6,059	3,240	10.01	324
1982	12,185.00	9,819	8,338	4,578	10.25	447
1983	18,318.00	14,626	12,419	6,998	10.47	668
1984	32,555.00	25,742	21,858	12,650	10.69	1,183
1985	57,811.00	45,265	38,436	22,843	10.90	2,096
1986	140,659.00	109,072	92,617	56,482	11.09	5,093
1987	123,593.00	94,828	80,522	50,487	11.29	4,472
1988	425,538.00	323,070	274,331	176,740	11.47	15,409
1989	242,301.00	181,986	154,531	102,308	11.64	8,789
1990	168,742.00	125,325	106,418	72,448	11.80	6,140
1991	156,079.00	114,593	97,305	68,139	11.95	5,702
1992	194,281.00	140,948	119,684	86,254	12.09	7,134
1993	54,415.00	38,989	33,107	24,573	12.22	2,011
1994	2,395,169.15	1,694,194	1,438,602	1,100,277	12.34	89,163
1995	164,467.00	114,725	97,417	76,918	12.46	6,173
1996	18,109.00	12,450	10,572	8,624	12.57	686
1997	221,907.00	150,266	127,596	107,625	12.67	8,494
1998	127,208.00	84,781	71,991	62,850	12.76	4,926
1999	66,999.00	43,890	37,269	33,750	12.85	2,626
2000	340,608.00	219,107	186,052	174,993	12.93	13,534
2001	55,852.00	35,223	29,909	29,294	13.01	2,252
2002	101,895.00	62,916	53,424	54,584	13.08	4,173
2003	112,947.00	68,195	57,907	61,817	13.14	4,704
2004	1,698,104.35	999,931	849,078	950,913	13.21	71,984
2005	533,261.07	305,815	259,679	305,578	13.26	23,045
2006	1,562,565.98	869,783	738,564	917,755	13.32	68,901
2007	277,128.71	149,311	126,785	166,971	13.37	12,488

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BELEWS CREEK COMMON						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2035						
NET SALVAGE PERCENT.. -6						
2009	437,711.24	218,587	185,610	278,364	13.46	20,681
2010	487,005.22	232,472	197,400	318,825	13.50	23,617
2011	857,532.84	388,800	330,144	578,841	13.54	42,750
2012	383,220.98	163,842	139,124	267,090	13.58	19,668
2013	696,627.19	278,261	236,282	502,143	13.61	36,895
2014	542,770.47	200,211	170,006	405,330	13.64	29,716
2015	237,833.48	79,705	67,680	184,423	13.67	13,491
2016	1,814,250.12	540,816	459,227	1,463,879	13.70	106,852
2017	7,785,057.86	2,003,872	1,701,561	6,550,601	13.72	477,449
2018	541,574.62	114,343	97,093	476,976	13.75	34,689
2019	1,933,158.06	309,524	262,828	1,786,319	13.77	129,725
2020	944,550.34	96,448	81,898	919,326	13.79	66,666
2021	251,743.33	9,332	7,924	258,924	13.80	18,763
	26,224,507.01	10,678,199	9,067,248	18,730,729		1,393,579
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1981	357,620.00	356,283	302,533	72,968	1.93	37,807
1982	21,777.00	21,676	18,406	4,460	1.93	2,311
1983	59,368.00	59,018	50,114	12,222	1.94	6,300
1984	69,415.00	68,932	58,533	14,353	1.94	7,398
1985	69,533.00	68,951	58,549	14,461	1.95	7,416
1986	116,814.00	115,695	98,241	24,414	1.95	12,520
1987	155,275.00	153,540	130,376	32,662	1.96	16,664
1988	109,075.00	107,704	91,455	23,073	1.96	11,772
1989	158,898.00	156,662	133,027	33,815	1.96	17,253
1990	119,683.00	117,805	100,033	25,635	1.96	13,079
1991	153,352.00	150,629	127,905	33,115	1.97	16,810
1992	78,065.00	76,535	64,989	16,980	1.97	8,619
1993	282,464.00	276,363	234,670	61,917	1.97	31,430
1994	1,581,886.05	1,544,330	1,311,347	349,633	1.97	177,479
1995	563,878.00	548,957	466,139	125,932	1.98	63,602
1996	221,837.00	215,413	182,915	50,014	1.98	25,260
1997	249,479.00	241,573	205,128	56,825	1.98	28,699
1998	902,126.00	870,866	739,484	207,748	1.98	104,923

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ALLEN						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2023						
NET SALVAGE PERCENT.. -5						
1999	138,156.00	132,923	112,870	32,194	1.98	16,260
2000	534,169.00	512,087	434,832	126,046	1.98	63,660
2001	474,900.00	453,438	385,031	113,614	1.98	57,381
2002	208,031.00	197,655	167,836	50,596	1.99	25,425
2003	94,671.00	89,509	76,005	23,399	1.99	11,758
2004	138,113.91	129,878	110,284	34,735	1.99	17,455
2005	1,098,294.25	1,026,564	871,693	281,516	1.99	141,465
2006	809,617.87	751,572	638,187	211,912	1.99	106,488
2007	112,102.00	103,266	87,687	30,020	1.99	15,085
2008	424,075.30	387,210	328,794	116,485	1.99	58,535
2009	107,729.44	97,375	82,685	30,431	1.99	15,292
2010	186,960.05	167,001	141,807	54,501	1.99	27,387
2011	251,411.17	221,481	188,068	75,914	1.99	38,148
2012	1,913,934.81	1,658,207	1,408,044	601,588	1.99	302,306
2013	511,569.33	434,467	368,922	168,226	1.99	84,536
2014	922,119.34	763,901	648,656	319,569	1.99	160,587
2015	597,949.86	479,066	406,792	221,055	2.00	110,528
2016	3,990,143.12	3,066,405	2,603,796	1,585,854	2.00	792,927
2017	2,727,484.33	1,978,583	1,680,087	1,183,772	2.00	591,886
2018	261,685.30	174,490	148,166	126,604	2.00	63,302
2019	126,292.19	73,540	62,445	70,161	2.00	35,080
2020	139,319.08	62,453	53,031	93,254	2.00	46,627
2021	11,247.97	2,362	2,006	9,805	2.00	4,902
	21,050,521.37	18,114,365	15,381,568	6,721,479		3,376,362
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -10						
2013	185,475.73	49,998	42,455	161,568	24.83	6,507
2014	234,903.87	57,438	48,773	209,622	24.98	8,392

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 316.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 45-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2048						
NET SALVAGE PERCENT.. -10						
2015	348,663.52	75,897	64,447	319,083	25.13	12,697
2016	58,079.71	11,007	9,346	54,541	25.27	2,158
2019	3,007.53	284	241	3,067	25.64	120
	830,130.36	194,624	165,262	747,881		29,874
	362,939,166.67	139,671,618	118,600,264	270,354,193		18,165,510
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					14.9	5.01

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 320.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. 0						
1968	422,388.00	268,352	346,405	75,983	30.09	2,525
1974	2,615.00	1,577	2,036	579	30.82	19
	425,003.00	269,929	348,441	76,562		2,544
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. 0						
1981	74,882.00	37,991	49,041	25,841	38.95	663
	74,882.00	37,991	49,041	25,841		663
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 100-R4						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. 0						
1985	381,479.68	181,073	233,740	147,740	40.11	3,683
2002	75,177.00	24,023	31,010	44,167	41.46	1,065
	456,656.68	205,096	264,750	191,907		4,748
	956,541.68	513,016	662,232	294,310		7,955

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.0 0.83

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
1973	10,763,162.48	7,601,970	9,346,642	1,847,047	17.42	106,030
1974	8,703,913.76	6,087,065	7,484,062	1,568,008	17.75	88,338
1975	170,915.81	118,294	145,443	32,310	18.09	1,786
1976	818,589.00	560,722	689,409	161,923	18.42	8,791
1977	2,738,874.23	1,855,752	2,281,652	566,777	18.76	30,212
1978	425,668.00	285,180	350,630	92,065	19.10	4,820
1979	310,741.06	205,808	253,041	70,129	19.44	3,607
1980	202,389.00	132,460	162,860	47,625	19.78	2,408
1981	990,866.00	640,621	787,645	242,855	20.12	12,070
1982	3,328,847.90	2,125,046	2,612,750	849,252	20.46	41,508
1983	14,703,963.55	9,264,579	11,390,824	3,901,298	20.80	187,562
1984	1,902,111.22	1,182,407	1,453,773	524,423	21.14	24,807
1985	694,241.00	425,531	523,191	198,819	21.48	9,256
1986	91,111,451.18	55,033,285	67,663,569	27,092,341	21.82	1,241,629
1987	8,184,764.45	4,869,293	5,986,809	2,525,346	22.16	113,960
1988	5,318,281.16	3,114,071	3,828,758	1,702,254	22.50	75,656
1989	24,279,527.07	13,984,347	17,193,791	8,056,917	22.84	352,755
1990	1,868,336.61	1,058,060	1,300,888	642,183	23.17	27,716
1991	965,873.60	537,141	660,416	344,092	23.51	14,636
1993	2,339,776.06	1,251,627	1,538,879	894,488	24.18	36,993
1994	1,549,554.07	811,973	998,323	613,213	24.51	25,019
1995	269,354.00	138,061	169,746	110,382	24.84	4,444
1996	843,889.00	422,823	519,862	357,783	25.16	14,220
1998	10,447,590.74	4,979,873	6,122,767	4,742,727	25.80	183,827
1999	868,503.00	402,765	495,201	408,042	26.12	15,622
2000	6,136,926.51	2,764,857	3,399,399	2,983,005	26.43	112,864
2001	5,978,608.00	2,611,953	3,211,403	3,006,349	26.74	112,429
2002	9,638,692.72	4,074,854	5,010,044	5,014,197	27.04	185,436
2003	9,684,610.30	3,952,654	4,859,798	5,212,196	27.34	190,644
2004	18,585,583.26	7,303,272	8,979,392	10,349,614	27.63	374,579
2005	19,568,772.28	7,381,497	9,075,570	11,275,953	27.92	403,867
2006	26,601,115.43	9,601,747	11,805,373	15,859,787	28.20	562,404
2007	20,920,743.51	7,199,581	8,851,904	12,905,669	28.47	453,308
2008	20,098,786.95	6,566,804	8,073,903	12,828,836	28.73	446,531
2009	51,457,765.06	15,878,220	19,522,313	33,993,762	28.99	1,172,603
2010	12,236,443.19	3,544,927	4,358,497	8,367,404	29.24	286,163
2011	124,293,637.32	33,566,342	41,269,906	87,995,477	29.48	2,984,921
2012	17,902,859.28	4,462,968	5,487,231	13,131,743	29.72	441,849
2013	135,123,101.60	30,817,796	37,890,561	102,637,464	29.94	3,428,105
2014	48,422,148.54	9,953,967	12,238,429	38,120,606	30.16	1,263,946
2015	85,062,517.42	15,521,187	19,083,340	69,381,678	30.36	2,285,299

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
2016	86,539,550.47	13,663,972	16,799,890	73,201,243	30.56	2,395,329
2017	24,753,246.89	3,280,993	4,033,990	21,709,387	30.74	706,226
2018	12,058,274.10	1,271,868	1,563,765	10,976,840	30.92	355,008
2019	27,179,960.90	2,096,010	2,577,050	25,690,110	31.09	826,314
2020	48,259,046.41	2,299,679	2,827,461	47,361,947	31.24	1,516,067
2021	14,977,609.65	244,243	300,297	15,276,417	31.39	486,665
	1,019,281,183.74	305,148,145	375,180,447	684,871,984		23,618,229
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
1981	190,631,546.38	123,831,889	152,251,633	53,630,437	21.66	2,476,013
1982	2,026,405.00	1,297,134	1,594,830	593,688	22.10	26,864
1983	96,760.00	60,982	74,978	29,523	22.55	1,309
1984	211,671,060.56	131,349,429	161,494,469	67,110,277	22.99	2,919,107
1985	1,235,088.00	754,024	927,074	406,821	23.44	17,356
1986	14,420,980.23	8,653,280	10,639,231	4,935,428	23.90	206,503
1987	5,030,856.88	2,966,378	3,647,170	1,786,156	24.35	73,353
1988	3,276,631.11	1,896,776	2,332,091	1,206,671	24.81	48,636
1989	11,980,695.18	6,804,570	8,366,237	4,572,914	25.27	180,962
1990	340,959.00	189,837	233,405	134,831	25.73	5,240
1991	11,516,095.59	6,278,640	7,719,604	4,717,779	26.20	180,068
1992	1,107,053.01	590,778	726,363	469,254	26.66	17,601
1993	3,362,794.00	1,753,950	2,156,486	1,475,331	27.13	54,380
1994	1,184,423.63	603,337	741,804	537,373	27.59	19,477
1995	6,839,871.93	3,397,827	4,177,637	3,209,424	28.06	114,377
1996	513,813.25	248,742	305,829	249,089	28.52	8,734
1997	3,025,316.86	1,424,823	1,751,824	1,515,519	28.98	52,295
1998	9,419,549.83	4,307,805	5,296,458	4,876,656	29.45	165,591
1999	1,009,586.00	447,743	550,501	539,852	29.91	18,049
2000	4,076,236.00	1,750,985	2,152,841	2,249,494	30.36	74,094
2001	1,293,798.28	536,690	659,862	737,440	30.82	23,927
2002	223,328.00	89,319	109,818	131,376	31.27	4,201
2003	363,095.00	139,630	171,675	220,467	31.72	6,950
2004	13,305,005.85	4,907,440	6,033,710	8,335,696	32.16	259,195
2005	2,160,124.00	761,586	936,372	1,396,562	32.60	42,839
2006	12,052,068.69	4,050,131	4,979,647	8,036,587	33.03	243,312

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
2007	17,028,099.95	5,431,405	6,677,927	11,712,421	33.45	350,147
2008	12,445,901.33	3,750,871	4,611,706	8,829,868	33.87	260,699
2009	7,347,246.64	2,080,247	2,557,669	5,377,357	34.28	156,866
2010	20,043,781.70	5,302,286	6,519,175	15,128,110	34.68	436,220
2011	8,930,149.35	2,191,148	2,694,022	6,950,539	35.07	198,190
2012	17,024,122.78	3,837,353	4,718,036	13,668,017	35.45	385,558
2013	6,640,883.98	1,361,132	1,673,515	5,498,639	35.82	153,508
2014	13,136,819.97	2,417,170	2,971,917	11,215,849	36.18	310,001
2015	32,843,221.56	5,323,085	6,544,747	28,925,932	36.53	791,840
2016	20,717,791.66	2,891,325	3,554,892	18,820,323	36.86	510,589
2017	8,253,523.05	958,323	1,178,261	7,735,544	37.19	208,001
2018	8,911,437.04	819,417	1,007,475	8,616,877	37.50	229,783
2019	27,779,438.97	1,854,111	2,279,634	27,722,160	37.80	733,390
2020	2,983,115.47	122,105	150,128	3,071,636	38.08	80,663
2021	5,395,295.91	74,992	92,203	5,734,717	38.35	149,536
	721,643,971.62	347,508,695	427,262,855	352,112,634		12,195,424
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
1985	97,962,901.14	59,647,886	73,337,233	32,462,701	23.56	1,377,874
1986	66,072,416.42	39,546,006	48,621,918	22,736,291	24.02	946,557
1987	2,364,144.90	1,389,723	1,708,668	844,608	24.49	34,488
1988	7,137,349.91	4,119,567	5,065,018	2,643,319	24.95	105,945
1989	39,999.26	22,647	27,845	15,355	25.42	604
1990	238,937.70	132,587	163,016	95,037	25.89	3,671
1991	680,854.63	369,948	454,852	280,471	26.37	10,636
1992	1,145,655.50	609,052	748,831	488,477	26.84	18,200
1993	25,196.09	13,089	16,093	11,119	27.32	407
1994	598,860.15	303,826	373,555	273,214	27.79	9,831
1995	130,115.23	64,362	79,133	61,391	28.27	2,172
1996	970,802.77	467,669	575,000	473,467	28.75	16,468
1997	31,481.08	14,750	18,135	15,864	29.22	543
1998	1,228,677.17	559,279	687,635	639,336	29.69	21,534
1999	233,050.94	102,800	126,393	125,302	30.17	4,153
2000	48,609.63	20,753	25,516	26,983	30.64	881
2001	127,614.47	52,643	64,725	73,099	31.10	2,350

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 321.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 55-S1.5						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
2002	522,021.61	207,455	255,066	308,717	31.57	9,779
2003	2,175,190.45	830,938	1,021,640	1,327,565	32.03	41,448
2004	2,114,040.48	774,677	952,467	1,330,696	32.48	40,970
2005	3,260,349.56	1,141,707	1,403,732	2,117,446	32.93	64,301
2006	3,627,655.72	1,209,681	1,487,306	2,430,562	33.38	72,815
2007	5,828,685.38	1,843,863	2,267,034	4,027,946	33.82	119,100
2008	5,509,334.76	1,646,150	2,023,946	3,926,136	34.25	114,632
2009	3,093,928.21	868,708	1,068,079	2,273,364	34.67	65,572
2010	1,347,929.67	353,489	434,616	1,021,148	35.08	29,109
2011	1,344,156.41	326,543	401,485	1,050,203	35.49	29,592
2012	3,075,096.51	686,539	844,102	2,477,003	35.88	69,036
2013	8,382,271.16	1,700,669	2,090,977	6,961,876	36.27	191,946
2014	316,893.19	57,637	70,865	271,380	36.64	7,407
2015	11,770,703.08	1,887,150	2,320,256	10,392,103	37.00	280,868
2016	2,259,294.33	311,690	383,224	2,056,814	37.35	55,069
2017	8,150,682.90	935,203	1,149,835	7,652,903	37.69	203,049
2018	393,991.14	35,785	43,998	381,513	38.01	10,037
2019	2,836,170.30	187,582	230,633	2,832,431	38.32	73,915
2020	6,114,538.72	245,328	301,631	6,302,070	38.62	163,182
2021	551,769.84	7,562	9,297	586,614	38.90	15,080
	251,711,370.41	122,694,943	150,853,755	120,994,525		4,213,221
	1,992,636,525.77	775,351,783	953,297,057	1,157,979,143		40,026,874
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					28.9	2.01

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

OCONEE
INTERIM SURVIVOR CURVE.. IOWA 45-R2
PROBABLE RETIREMENT YEAR.. 7-2054
NET SALVAGE PERCENT.. -4

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
1978	549,811.75	404,763	521,839	49,965	13.14	3,803
1979	2,485,633.79	1,801,554	2,322,646	262,413	13.63	19,253
1980	3,472,216.04	2,476,748	3,193,137	417,968	14.12	29,601
1981	5,507,520.61	3,863,988	4,981,630	746,191	14.62	51,039
1982	3,340,386.78	2,304,410	2,970,951	503,051	15.12	33,271
1983	108,447.00	73,497	94,756	18,029	15.63	1,153
1984	7,085,289.94	4,715,748	6,079,758	1,288,943	16.14	79,860
1985	2,878,307.29	1,880,419	2,424,322	569,117	16.65	34,181
1986	73,672,851.59	47,202,373	60,855,459	15,764,306	17.17	918,131
1987	431,118.00	270,686	348,981	99,382	17.69	5,618
1988	16,344,871.50	10,055,731	12,964,309	4,034,358	18.20	221,668
1989	5,929,603.00	3,570,261	4,602,944	1,563,843	18.72	83,539
1990	7,874,493.98	4,638,518	5,980,190	2,209,284	19.23	114,887
1991	6,343,148.00	3,653,481	4,710,235	1,886,639	19.73	95,623
1992	7,558,958.49	4,251,636	5,481,404	2,379,913	20.24	117,585
1993	7,233,151.09	3,971,116	5,119,744	2,402,733	20.73	115,906
1994	6,854,181.08	3,669,317	4,730,651	2,397,697	21.22	112,992
1995	4,739,149.87	2,471,702	3,186,631	1,742,085	21.70	80,280
1997	14,952,319.44	7,379,915	9,514,524	6,035,888	22.63	266,721
1998	3,934,886.00	1,885,519	2,430,897	1,661,384	23.08	71,984
1999	2,874,852.00	1,336,312	1,722,835	1,267,011	23.51	53,892
2000	17,842,839.52	8,029,421	10,351,897	8,204,656	23.94	342,717
2001	10,290,931.60	4,478,383	5,773,736	4,928,833	24.35	202,416
2002	30,226,944.65	12,692,608	16,363,891	15,072,131	24.75	608,975
2003	155,096,612.37	62,708,786	80,847,037	80,453,440	25.14	3,200,216
2004	316,424,140.02	122,921,665	158,476,236	170,604,870	25.51	6,687,764
2005	29,865,827.79	11,116,850	14,332,352	16,728,109	25.87	646,622
2006	25,707,917.60	9,135,771	11,778,254	14,957,980	26.22	570,480
2007	36,281,932.12	12,274,236	15,824,507	21,908,703	26.55	825,187
2008	48,925,630.19	15,690,684	20,229,148	30,653,508	26.87	1,140,808
2009	20,491,062.49	6,195,235	7,987,180	13,323,525	27.18	490,196
2010	25,985,131.79	7,369,591	9,501,214	17,523,323	27.47	637,908
2011	127,994,052.13	33,814,902	43,595,719	89,518,095	27.75	3,225,877
2012	81,666,775.39	19,910,948	25,670,105	59,263,341	28.02	2,115,037
2013	98,402,970.27	21,951,735	28,301,181	74,037,908	28.27	2,618,957
2014	105,298,316.03	21,189,138	27,318,006	82,192,242	28.51	2,882,927
2015	398,622,105.73	71,085,802	91,647,069	322,919,921	28.75	11,231,997
2016	40,699,760.79	6,293,713	8,114,143	34,213,608	28.97	1,181,001
2017	58,701,052.54	7,601,223	9,799,845	51,249,250	29.18	1,756,314
2018	53,325,102.96	5,508,654	7,102,009	48,356,098	29.38	1,645,885

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
2019	68,522,491.61	5,184,412	6,683,981	64,579,410	29.57	2,183,950
2020	77,237,443.45	3,609,893	4,654,039	75,672,902	29.75	2,543,627
2021	56,124,374.91	902,974	1,164,155	57,205,195	29.92	1,911,938
	2,067,904,613.19	581,544,318	749,753,548	1,400,867,250		51,161,786
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
1981	294,391,056.32	213,940,222	275,821,525	42,120,816	14.72	2,861,468
1982	2,423,498.43	1,729,799	2,230,136	387,242	15.26	25,376
1983	1,156,844.98	810,156	1,044,490	204,902	15.82	12,952
1984	397,488,558.82	273,026,941	351,998,827	77,288,816	16.38	4,718,487
1985	2,662,944.00	1,791,822	2,310,099	565,881	16.96	33,366
1986	13,339,108.64	8,789,822	11,332,241	3,073,997	17.54	175,256
1987	2,424,551.39	1,563,070	2,015,181	603,334	18.13	33,278
1988	3,535,003.00	2,226,505	2,870,512	947,291	18.74	50,549
1989	6,161,972.00	3,791,580	4,888,278	1,766,651	19.34	91,347
1990	4,524.00	2,716	3,502	1,384	19.95	69
1991	5,033,269.96	2,945,025	3,796,861	1,639,071	20.57	79,683
1992	2,060,096.00	1,173,948	1,513,507	711,396	21.19	33,572
1993	3,200,680.00	1,774,273	2,287,474	1,169,260	21.81	53,611
1994	144,356.00	77,743	100,230	55,675	22.44	2,481
1995	1,449,058.43	757,452	976,542	588,441	23.06	25,518
1996	1,740,438.00	882,131	1,137,284	742,389	23.68	31,351
1997	261,030,503.64	128,073,050	165,117,637	116,795,307	24.30	4,806,391
1998	4,406,542.00	2,089,801	2,694,267	2,064,798	24.92	82,857
1999	8,710,790.00	3,987,246	5,140,540	4,267,113	25.53	167,141
2000	2,216,091.75	977,504	1,260,243	1,133,136	26.13	43,365
2001	4,722,171.85	2,003,157	2,582,562	2,517,384	26.73	94,178
2002	6,004,021.42	2,445,311	3,152,607	3,331,736	27.32	121,952
2003	3,807,257.78	1,485,813	1,915,578	2,196,260	27.89	78,747
2004	4,308,066.87	1,605,837	2,070,319	2,582,394	28.46	90,738
2005	1,579,939.86	560,889	723,124	983,211	29.02	33,880
2006	5,189,777.42	1,750,093	2,256,300	3,348,660	29.56	113,283
2007	2,778,519.79	886,677	1,143,145	1,857,657	30.09	61,737
2008	16,069,262.27	4,828,800	6,225,510	11,129,293	30.61	363,584
2009	18,853,792.30	5,311,860	6,848,293	13,513,803	31.11	434,388

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
2010	59,540,040.97	15,632,762	20,154,472	44,148,772	31.60	1,397,113
2011	73,729,510.33	17,915,475	23,097,450	56,530,421	32.07	1,762,720
2012	35,353,461.64	7,880,329	10,159,681	28,022,058	32.53	861,422
2013	50,273,924.22	10,182,099	13,127,228	41,168,610	32.97	1,248,669
2014	57,384,346.07	10,406,238	13,416,198	48,558,895	33.40	1,453,859
2015	37,607,581.68	5,999,823	7,735,246	32,880,942	33.81	972,521
2016	36,898,127.11	5,065,331	6,530,457	33,319,521	34.20	974,255
2017	32,134,626.97	3,670,790	4,732,550	29,972,847	34.58	866,768
2018	27,106,994.70	2,456,219	3,166,670	26,108,884	34.94	747,249
2019	56,330,459.37	3,707,400	4,779,750	56,057,146	35.29	1,588,471
2020	42,161,796.48	1,698,446	2,189,714	43,345,026	35.62	1,216,873
2021	28,657,276.23	391,206	504,361	30,445,498	35.94	847,120
	1,614,070,842.69	756,295,361	975,050,591	768,145,919		28,657,645
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
1901	642,214.23	693,591	693,591			
1985	109,552,694.48	73,724,450	95,125,110	23,191,800	16.96	1,367,441
1986	118,490,255.57	78,049,863	100,706,099	27,263,377	17.55	1,553,469
1987	3,053,208.41	1,967,630	2,538,792	758,673	18.14	41,823
1988	1,717,559.70	1,081,556	1,395,509	459,455	18.75	24,504
1989	385,463.59	237,042	305,850	110,450	19.36	5,705
1990	765,983.81	459,470	592,844	234,418	19.98	11,733
1991	574,100.89	335,690	433,134	186,895	20.60	9,073
1992	390,726.43	222,415	286,977	135,007	21.23	6,359
1993	405,054.00	224,241	289,333	148,125	21.86	6,776
1994	164,924.61	88,701	114,449	63,670	22.49	2,831
1995	392,427.81	204,808	264,259	159,563	23.12	6,902
1996	24,781,241.42	12,537,207	16,176,495	10,587,246	23.75	445,779
1997	330,676.74	161,909	208,908	148,223	24.38	6,080
1998	521,588.48	246,721	318,339	244,977	25.01	9,795
1999	267,495.71	122,131	157,583	131,312	25.63	5,123
2000	115,873.18	50,985	65,785	59,358	26.24	2,262
2001	585,483.02	247,687	319,585	312,736	26.85	11,648
2002	1,003,654.22	407,163	525,354	558,593	27.46	20,342
2003	709,822.21	275,780	355,833	410,775	28.05	14,644

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 322.00 REACTOR PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 45-R2						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
2004	1,798,971.22	667,674	861,486	1,081,403	28.63	37,772
2005	1,809,387.97	639,668	825,350	1,128,789	29.20	38,657
2006	7,321,401.99	2,456,187	3,169,167	4,737,948	29.76	159,205
2007	7,817,592.58	2,480,553	3,200,605	5,242,395	30.31	172,959
2008	7,876,591.89	2,352,108	3,034,876	5,471,844	30.85	177,369
2009	18,312,219.73	5,124,074	6,611,485	13,165,712	31.37	419,691
2010	4,547,381.23	1,185,410	1,529,510	3,381,662	31.87	106,108
2011	8,316,168.04	2,005,021	2,587,036	6,394,425	32.36	197,603
2012	3,023,046.30	668,160	862,113	2,402,777	32.84	73,166
2013	6,204,731.51	1,245,468	1,607,001	5,094,109	33.29	153,022
2014	2,545,227.27	457,133	589,829	2,159,016	33.74	63,990
2015	4,476,843.77	707,988	913,502	3,921,489	34.16	114,798
2016	2,803,612.18	380,486	490,933	2,536,968	34.58	73,365
2017	2,930,080.79	331,353	427,538	2,736,949	34.97	78,266
2018	19,131,493.55	1,710,195	2,206,629	18,455,384	35.35	522,076
2019	9,787,740.17	636,994	821,900	9,748,859	35.71	273,001
2020	10,583,847.19	421,330	543,633	10,886,922	36.06	301,911
2021	3,623,334.69	48,837	63,013	3,850,188	36.39	105,803
	387,760,120.58	194,857,679	251,219,437	167,561,493		6,621,051
	4,069,735,576.46	1,532,697,358	1,976,023,576	2,336,574,662		86,440,482
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..				27.0		2.12

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
1973	12,351,368.40	10,424,061	10,615,367	2,230,056	7.54	295,763
1974	14,586,188.28	12,173,633	12,397,048	2,772,588	7.90	350,961
1975	252,448.00	208,199	212,020	50,526	8.28	6,102
1977	44,096.00	35,461	36,112	9,748	9.07	1,075
1978	4,726,817.74	3,749,595	3,818,409	1,097,481	9.49	115,646
1979	1,629,308.00	1,274,249	1,297,635	396,846	9.92	40,005
1982	16,530.00	12,335	12,561	4,630	11.30	410
1984	971.00	699	712	298	12.30	24
1986	3,586,649.16	2,485,823	2,531,444	1,198,671	13.34	89,855
1987	66,647.00	45,267	46,098	23,215	13.87	1,674
1988	13,150,578.00	8,741,263	8,901,686	4,774,915	14.42	331,131
1992	495,548.00	299,858	305,361	210,009	16.66	12,606
1993	105,467.00	62,205	63,347	46,339	17.22	2,691
1994	7,498,940.00	4,305,849	4,384,872	3,414,026	17.79	191,907
1995	630,147.00	351,813	358,270	297,083	18.36	16,181
1998	14,480,756.08	7,378,640	7,514,056	7,545,931	20.05	376,356
1999	7,623,253.44	3,757,563	3,826,523	4,101,660	20.60	199,110
2001	1,876,728.00	861,992	877,812	1,073,986	21.67	49,561
2002	4,027,409.25	1,780,659	1,813,338	2,375,167	22.19	107,038
2003	4,667,847.00	1,982,554	2,018,939	2,835,622	22.70	124,917
2004	15,327,865.22	6,236,749	6,351,208	9,589,772	23.20	413,352
2005	20,170,257.32	7,846,262	7,990,260	12,986,808	23.68	548,429
2006	4,883,529.10	1,809,805	1,843,019	3,235,851	24.15	133,990
2007	3,203,057.39	1,127,105	1,147,790	2,183,390	24.60	88,756
2008	4,576,048.63	1,523,908	1,551,875	3,207,215	25.03	128,135
2009	43,188,149.58	13,537,585	13,786,032	31,129,643	25.45	1,223,169
2010	14,398,200.14	4,220,758	4,298,219	10,675,909	25.86	412,835
2011	4,569,498.83	1,245,525	1,268,383	3,483,895	26.24	132,770
2012	6,735,726.41	1,692,866	1,723,934	5,281,221	26.61	198,468
2013	17,279,284.15	3,958,712	4,031,364	13,939,092	26.97	516,837
2014	3,984,663.48	822,262	837,352	3,306,698	27.31	121,080
2015	477,171.69	87,203	88,803	407,455	27.63	14,747
2016	28,297,016.62	4,475,841	4,557,983	24,870,914	27.93	890,473
2017	7,654,685.33	1,011,747	1,030,315	6,930,558	28.23	245,503
2018	590,484.04	62,338	63,482	550,621	28.50	19,320
2019	55,402,775.51	4,283,964	4,362,585	53,256,302	28.76	1,851,749
2020	107,549,669.66	5,113,858	5,207,710	106,643,947	29.01	3,676,110
2021	380,948.84	6,133	6,246	389,941	29.25	13,331
	430,486,729.29	118,994,339	121,178,170	326,528,028		12,942,067

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
1981	31,194,707.90	24,568,640	25,019,533	8,670,751	10.83	800,623
1983	1,422,973.16	1,083,452	1,103,336	433,475	11.80	36,735
1984	85,959,795.70	64,289,331	65,469,194	27,367,385	12.30	2,224,991
1985	6,009.00	4,410	4,491	1,999	12.82	156
1986	18,330,680.36	13,184,892	13,426,866	6,370,268	13.36	476,816
1987	429.00	302	308	156	13.91	11
1988	1,278,143.34	881,037	897,206	483,189	14.47	33,392
1990	203,266.00	133,692	136,146	83,382	15.64	5,331
1991	24,781,049.21	15,890,848	16,182,483	10,581,050	16.25	651,142
1993	367,602.00	223,318	227,416	169,594	17.50	9,691
1997	341,343.00	183,127	186,488	182,163	20.11	9,058
1998	716,404.00	371,067	377,877	395,839	20.78	19,049
2000	36,312.00	17,450	17,770	21,447	22.13	969
2004	162,898.00	65,602	66,806	109,124	24.84	4,393
2006	19,610,565.09	7,111,834	7,242,353	13,937,057	26.17	532,559
2007	6,292,940.08	2,153,499	2,193,021	4,603,354	26.82	171,639
2008	13,574,639.61	4,367,103	4,447,250	10,213,361	27.46	371,936
2009	8,271,423.78	2,486,807	2,532,446	6,400,692	28.10	227,783
2010	12,878,008.77	3,597,369	3,663,389	10,244,860	28.72	356,715
2011	8,596,182.63	2,216,711	2,257,393	7,026,484	29.33	239,566
2012	144,239,964.92	34,020,611	34,644,971	121,134,191	29.92	4,048,603
2013	31,909,418.50	6,816,273	6,941,368	27,520,804	30.50	902,321
2014	125,154,497.29	23,894,797	24,333,324	110,833,533	31.06	3,568,369
2015	1,564,314.41	262,390	267,205	1,422,254	31.60	45,008
2016	11,606,212.01	1,667,492	1,698,094	10,836,614	32.13	337,274
2017	1,798,701.59	214,968	218,913	1,723,685	32.63	52,825
2018	3,646,996.47	344,050	350,364	3,588,392	33.12	108,345
2019	3,906,982.15	267,097	271,999	3,947,542	33.59	117,521
2020	4,945,529.93	206,650	210,443	5,130,730	34.04	150,726
2021	10,771,903.08	153,215	156,027	11,477,628	34.47	332,974
	573,569,892.98	210,678,034	214,544,481	404,911,003		15,836,521

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 323.00 TURBOGENERATOR UNITS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
1985	27,892,492.53	20,469,185	20,844,844	9,279,048	12.82	723,795
1986	35,647,087.00	25,640,237	26,110,797	12,388,057	13.36	927,250
1987	140,474.00	98,954	100,770	50,942	13.91	3,662
1988	53,222.10	36,687	37,360	20,120	14.47	1,390
1991	180,450.90	115,714	117,838	77,049	16.25	4,741
1992	185,571.83	115,891	118,018	82,400	16.87	4,884
1993	4,235,532.49	2,573,086	2,620,308	1,954,067	17.50	111,661
1994	103,746.08	61,233	62,357	49,689	18.14	2,739
2001	5,996.12	2,763	2,814	3,662	22.85	160
2002	3,374.05	1,489	1,516	2,128	23.54	90
2004	6,538,397.64	2,627,361	2,675,579	4,385,890	24.91	176,069
2005	60,435.43	23,081	23,505	41,766	25.59	1,632
2006	101,559.99	36,728	37,402	72,283	26.26	2,753
2007	2,408,920.15	821,596	836,674	1,764,960	26.93	65,539
2008	1,537,393.62	492,653	501,694	1,158,691	27.59	41,997
2009	1,929,129.45	578,056	588,665	1,494,795	28.23	52,951
2010	1,080,960.38	300,790	306,310	861,127	28.87	29,828
2011	1,535,722.25	393,963	401,193	1,257,387	29.50	42,623
2012	1,146,102.38	268,984	273,921	963,870	30.11	32,012
2013	387,441.50	82,332	83,843	334,594	30.70	10,899
2014	910,829.72	172,894	176,067	807,629	31.28	25,819
2015	1,587,696.69	264,151	268,999	1,445,714	31.85	45,391
2016	456,521.18	65,131	66,326	426,717	32.39	13,174
2017	1,020,254.30	120,710	122,925	978,949	32.92	29,737
2018	553,858.60	51,658	52,606	545,561	33.43	16,320
2019	1,245,073.03	84,715	86,270	1,258,409	33.91	37,110
2020	12,490,682.76	516,934	526,421	12,963,516	34.38	377,066
2021	12,677,479.46	178,403	181,677	13,510,001	34.83	387,884
	116,116,405.63	56,195,379	57,226,699	68,179,019		3,169,176
	1,120,173,027.90	385,867,752	392,949,350	799,618,050		31,947,764

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 25.0 2.85

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
1981	89,606.70	69,561	84,019	9,172	11.41	804
1982	110,442.00	84,282	101,799	13,060	11.98	1,090
1983	150,106.17	112,504	135,887	20,224	12.57	1,609
1984	134,304.75	98,759	119,285	20,392	13.18	1,547
1985	1,713.00	1,235	1,492	290	13.80	21
1986	24,706,635.03	17,446,067	21,072,061	4,622,840	14.44	320,141
1987	536,548.61	370,848	447,925	110,085	15.08	7,300
1988	1,366,761.76	923,590	1,115,549	305,883	15.74	19,433
1989	962,115.00	635,061	767,052	233,547	16.41	14,232
1990	627,189.98	404,040	488,016	164,262	17.08	9,617
1991	9,436,718.00	5,928,358	7,160,509	2,653,678	17.75	149,503
1992	39,697.00	24,290	29,338	11,946	18.43	648
1993	531,825.76	316,765	382,601	170,497	19.10	8,927
1994	728,466.88	421,858	509,537	248,069	19.77	12,548
1995	1,543,919.00	868,317	1,048,788	556,888	20.44	27,245
1996	580,762.00	316,969	382,848	221,145	21.09	10,486
1997	17,379,589.60	9,190,661	11,100,850	6,973,923	21.74	320,788
1998	4,204,872.00	2,152,292	2,599,625	1,773,442	22.37	79,278
1999	16,436,713.90	8,131,874	9,822,004	7,272,178	22.99	316,319
2000	868,637.00	414,824	501,041	402,341	23.59	17,056
2001	2,647,459.52	1,218,554	1,471,818	1,281,539	24.17	53,022
2002	6,207,232.00	2,748,890	3,320,220	3,135,301	24.73	126,781
2003	10,434,838.35	4,435,850	5,357,798	5,494,434	25.27	217,429
2004	6,849,779.83	2,788,671	3,368,269	3,755,502	25.79	145,619
2005	2,825,962.95	1,099,598	1,328,139	1,610,863	26.28	61,296
2006	17,032,325.77	6,312,248	7,624,187	10,089,432	26.75	377,175
2007	29,573,516.66	10,401,834	12,563,753	18,192,704	27.20	668,849
2008	19,317,996.72	6,423,002	7,757,960	12,332,757	27.62	446,515
2009	14,107,224.55	4,418,326	5,336,632	9,334,882	28.01	333,270
2010	55,852.93	16,374	19,777	38,310	28.38	1,350
2011	614,456.39	167,312	202,086	436,948	28.73	15,209
2012	24,170,751.92	6,064,442	7,324,877	17,812,705	29.06	612,963
2013	430,360,907.87	98,551,615	119,034,601	328,540,743	29.36	11,190,080
2014	40,435,668.40	8,347,119	10,081,986	31,971,109	29.64	1,078,647
2015	124,726,385.70	22,775,437	27,509,088	102,206,353	29.91	3,417,130
2016	18,144,356.33	2,866,373	3,462,121	15,408,010	30.15	511,045
2017	25,442,369.06	3,360,693	4,059,180	22,400,884	30.38	737,356
2018	24,884,024.88	2,616,147	3,159,887	22,719,498	30.59	742,710

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
2019	45,676,087.59	3,529,008	4,262,478	43,240,653	30.78	1,404,830
2020	13,127,307.95	622,823	752,271	12,900,130	30.96	416,671
2021	2,122,840.75	34,905	42,160	2,165,595	31.12	69,589
	939,193,970.26	236,711,376	285,909,513	690,852,216		23,946,128
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
1981	62,131,033.53	50,087,256	60,497,400	6,604,116	11.41	578,801
1982	1,098.00	870	1,051	135	11.98	11
1983	349,377.00	271,928	328,446	48,882	12.57	3,889
1984	58,591,273.75	44,730,992	54,027,890	9,250,686	13.19	701,341
1986	138,689.00	101,654	122,782	27,002	14.46	1,867
1987	840,762.00	602,727	727,998	180,025	15.13	11,899
1989	270,605.00	185,029	223,485	68,768	16.51	4,165
1991	1,060,316.00	688,608	831,728	313,413	17.94	17,470
1993	3,490,645.39	2,141,792	2,586,942	1,182,955	19.43	60,883
1996	175,317.00	97,871	118,213	71,130	21.72	3,275
1997	15,913,014.00	8,579,622	10,362,812	6,823,243	22.50	303,255
1998	46,418.00	24,139	29,156	20,975	23.28	901
1999	237,094.00	118,756	143,438	112,623	24.06	4,681
2000	1,160,078.00	558,085	674,077	578,807	24.85	23,292
2001	1,996,231.00	921,142	1,112,592	1,043,337	25.63	40,708
2002	951,249.50	420,186	507,518	519,832	26.40	19,691
2003	939,332.00	396,184	478,527	535,952	27.17	19,726
2004	881,197.00	353,620	427,116	524,576	27.94	18,775
2005	982,382.00	374,322	452,121	608,851	28.69	21,222
2006	1,108,125.82	399,651	482,715	714,061	29.42	24,271
2007	1,321,398.17	449,311	542,696	884,414	30.14	29,344
2008	4,854,586.11	1,549,660	1,871,742	3,371,211	30.84	109,313
2009	1,365,884.59	407,246	491,888	983,267	31.52	31,195
2010	7,867,151.31	2,177,659	2,630,264	5,866,259	32.18	182,295
2011	3,409,858.83	870,099	1,050,941	2,631,707	32.81	80,211
2012	9,783,379.68	2,285,225	2,760,187	7,805,863	33.41	233,639
2013	4,810,032.12	1,016,577	1,227,863	3,966,972	33.99	116,710
2014	12,188,283.93	2,299,242	2,777,117	10,386,230	34.54	300,702
2015	5,375,660.68	890,248	1,075,277	4,730,436	35.06	134,924

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
2016	5,262,878.07	748,343	903,879	4,780,030	35.55	134,459
2017	8,669,040.87	1,021,268	1,233,529	8,129,036	36.02	225,681
2018	38,758,695.28	3,609,954	4,360,247	37,499,143	36.45	1,028,783
2019	14,738,929.02	995,833	1,202,807	14,715,236	36.86	399,220
2020	5,120,474.31	211,361	255,290	5,274,822	37.24	141,644
2021	3,968,788.66	55,122	66,579	4,219,713	37.60	112,226
	278,759,279.62	129,641,582	156,586,312	144,473,710		5,120,469
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
1979	307.59	256	309	23	10.32	2
1981	103.57	83	100	12	11.41	1
1985	27,174,483.80	20,335,242	24,561,723	4,786,720	13.82	346,362
1986	23,452,055.45	17,189,503	20,762,173	4,566,047	14.46	315,771
1987	490,647.75	351,737	424,842	105,057	15.13	6,944
1988	466,577.49	326,867	394,803	109,101	15.81	6,901
1989	223,053.53	152,515	184,214	56,684	16.51	3,433
1990	26,878.36	17,920	21,644	7,384	17.22	429
1991	465,580.18	302,365	365,209	137,618	17.94	7,671
1992	100,215.01	63,304	76,461	31,771	18.68	1,701
1993	38,354.51	23,537	28,429	12,994	19.43	669
1996	260,117.74	145,180	175,354	105,573	21.73	4,858
1997	3,298,617.41	1,777,691	2,147,167	1,415,340	22.52	62,848
2002	55,314.03	24,387	29,456	30,284	26.47	1,144
2003	237,983.49	100,162	120,980	136,042	27.25	4,992
2004	526,529.67	210,868	254,695	313,957	28.03	11,201
2005	397,275.84	151,033	182,424	246,634	28.79	8,567
2006	424,380.09	152,638	184,362	273,968	29.54	9,274
2007	459,028.91	155,592	187,930	307,821	30.28	10,166
2008	1,380,925.95	439,202	530,486	960,914	31.00	30,997
2009	1,270,534.36	377,253	455,661	916,516	31.70	28,912
2010	274,473.48	75,626	91,344	205,087	32.38	6,334
2011	701,489.67	178,046	215,051	542,558	33.04	16,421
2012	1,379,505.52	320,008	386,519	1,103,347	33.67	32,769
2013	2,491,503.87	523,123	631,849	2,058,975	34.27	60,081
2014	2,729,039.77	511,043	617,258	2,330,105	34.85	66,861

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 324.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
2015	5,572,844.54	914,176	1,104,179	4,914,494	35.40	138,828
2016	1,947,067.82	274,441	331,481	1,771,352	35.91	49,328
2017	3,842,506.55	448,439	541,643	3,608,264	36.40	99,128
2018	10,444,340.48	962,851	1,162,970	10,116,918	36.86	274,469
2019	1,227,233.37	82,030	99,079	1,226,333	37.29	32,886
2020	1,000,850.76	40,567	48,998	1,031,920	37.70	27,372
2021	604,992.04	8,305	10,031	643,360	38.07	16,899
	92,964,812.60	46,635,990	56,328,823	44,073,175		1,684,219
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 45-R3						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -10						
2009	124,789.97	37,739	45,583	91,686	31.70	2,892
	124,789.97	37,739	45,583	91,686		2,892
	1,311,042,852.45	413,026,687	498,870,231	879,490,787		30,753,708
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 28.6 2.35						

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
1975	982,088.00	744,192	970,992	50,380	13.55	3,718
1976	30,131.00	22,521	29,384	1,952	14.04	139
1977	419,344.00	308,902	403,043	33,075	14.55	2,273
1978	421,781.00	306,043	399,313	39,340	15.07	2,610
1979	388,898.00	277,783	362,440	42,014	15.60	2,693
1980	103,120.00	72,480	94,569	12,676	16.13	786
1981	604,951.00	418,126	545,554	83,595	16.67	5,015
1982	395,677.00	268,836	350,766	60,738	17.21	3,529
1983	1,854,930.00	1,238,210	1,615,567	313,561	17.75	17,665
1984	2,674,151.00	1,752,326	2,286,365	494,753	18.30	27,036
1985	1,087,173.00	698,963	911,979	218,681	18.85	11,601
1986	6,585,615.00	4,153,052	5,418,735	1,430,304	19.39	73,765
1987	3,081,476.00	1,904,702	2,485,179	719,556	19.93	36,104
1988	1,990,417.00	1,204,905	1,572,112	497,922	20.47	24,324
1989	2,230,226.00	1,321,521	1,724,267	595,168	21.00	28,341
1990	6,613,873.00	3,834,517	5,003,124	1,875,304	21.52	87,142
1991	3,341,819.00	1,894,213	2,471,493	1,003,999	22.03	45,574
1992	8,515,954.00	4,716,755	6,154,232	2,702,360	22.53	119,945
1993	9,416,240.31	5,089,463	6,640,527	3,152,363	23.03	136,881
1994	10,465,131.00	5,519,469	7,201,581	3,682,155	23.50	156,687
1995	4,704,873.00	2,417,616	3,154,408	1,738,660	23.97	72,535
1996	7,035,376.00	3,520,035	4,592,800	2,723,991	24.42	111,548
1997	3,843,775.00	1,870,802	2,440,947	1,556,579	24.85	62,639
1998	3,090,632.00	1,461,459	1,906,853	1,307,404	25.27	51,737
1999	2,682,033.00	1,230,116	1,605,006	1,184,308	25.68	46,118
2000	3,241,010.00	1,440,549	1,879,570	1,491,080	26.06	57,217
2001	3,929,463.00	1,689,622	2,204,551	1,882,091	26.43	71,210
2002	4,496,013.00	1,865,946	2,434,611	2,241,242	26.79	83,660
2003	3,224,970.29	1,289,702	1,682,751	1,671,218	27.13	61,600
2004	3,525,732.00	1,355,565	1,768,687	1,898,075	27.45	69,147
2005	3,985,448.00	1,468,402	1,915,912	2,228,954	27.76	80,294
2006	7,394,568.78	2,605,183	3,399,138	4,291,213	28.05	152,984
2007	5,456,545.47	1,829,615	2,387,208	3,287,599	28.33	116,047
2008	7,403,220.77	2,355,231	3,073,011	4,626,339	28.59	161,817
2009	14,348,088.37	4,309,179	5,622,444	9,299,568	28.84	322,454
2010	8,658,616.99	2,440,885	3,184,769	5,820,193	29.07	200,213
2011	11,419,422.80	2,997,078	3,910,467	7,965,733	29.30	271,868
2012	11,943,100.77	2,897,903	3,781,067	8,639,757	29.51	292,774
2013	11,328,601.72	2,511,750	3,277,230	8,504,515	29.71	286,251
2014	11,976,458.93	2,395,570	3,125,643	9,329,874	29.90	312,036
2015	11,148,834.01	1,982,013	2,586,051	9,008,736	30.07	299,592

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OCONEE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 7-2054						
NET SALVAGE PERCENT.. -4						
2016	16,540,330.25	2,544,683	3,320,200	13,881,743	30.24	459,052
2017	7,707,090.83	995,269	1,298,587	6,716,787	30.40	220,947
2018	12,372,170.22	1,271,523	1,659,032	11,208,025	30.55	366,875
2019	14,939,162.48	1,126,879	1,470,306	14,066,423	30.69	458,339
2020	3,034,089.22	140,859	183,787	2,971,666	30.82	96,420
2021	9,835,864.17	156,304	203,939	10,025,360	30.94	324,026
	270,468,486.38	87,916,717	114,710,199	166,577,027		5,895,228
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
1975	2,818.00	2,212	2,886	157	13.66	11
1977	272.00	207	270	24	14.72	2
1978	65,293.00	48,962	63,884	6,633	15.28	434
1979	13,140.00	9,692	12,646	1,545	15.85	97
1980	11,791.00	8,548	11,153	1,581	16.43	96
1981	39,467,451.84	28,106,825	36,672,656	5,952,192	17.02	349,718
1982	122,686.00	85,744	111,875	20,626	17.63	1,170
1983	220,369.00	151,072	197,113	40,886	18.24	2,242
1984	18,909,341.94	12,702,540	16,573,764	3,848,326	18.87	203,939
1985	777,748.00	511,725	667,678	172,290	19.50	8,835
1986	3,501,052.00	2,254,124	2,941,090	840,046	20.14	41,710
1987	2,004,725.00	1,261,779	1,646,319	518,784	20.79	24,954
1988	2,890,222.00	1,777,941	2,319,786	801,654	21.43	37,408
1989	3,210,058.00	1,927,194	2,514,525	952,337	22.09	43,112
1990	9,187,217.02	5,380,508	7,020,271	2,901,924	22.74	127,613
1991	6,838,773.00	3,903,583	5,093,238	2,292,637	23.39	98,018
1992	2,744,403.00	1,524,777	1,989,468	974,487	24.05	40,519
1993	4,893,824.00	2,644,779	3,450,801	1,834,529	24.70	74,272
1994	4,875,918.00	2,560,430	3,340,746	1,925,245	25.35	75,947
1995	4,771,387.46	2,432,056	3,173,249	1,979,850	25.99	76,177
1996	4,058,035.00	2,004,724	2,615,683	1,766,994	26.63	66,354
1997	4,433,696.00	2,120,683	2,766,982	2,021,410	27.26	74,153
1998	2,597,290.00	1,200,852	1,566,823	1,238,250	27.88	44,414
1999	2,163,258.00	965,600	1,259,876	1,076,443	28.49	37,783
2000	3,130,204.00	1,347,346	1,757,963	1,622,657	29.08	55,800
2001	3,978,953.00	1,647,659	2,149,799	2,147,470	29.67	72,378

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MCGUIRE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 3-2063						
NET SALVAGE PERCENT.. -8						
2002	3,483,339.00	1,385,020	1,807,118	1,954,888	30.24	64,646
2003	2,978,837.00	1,134,590	1,480,367	1,736,777	30.80	56,389
2004	2,654,131.00	966,399	1,260,919	1,605,543	31.34	51,230
2005	3,214,887.00	1,115,961	1,456,061	2,016,017	31.86	63,277
2006	3,846,446.57	1,267,933	1,654,348	2,499,814	32.37	77,226
2007	4,706,781.52	1,469,640	1,917,527	3,165,797	32.85	96,371
2008	7,296,336.18	2,147,233	2,801,623	5,078,420	33.32	152,414
2009	8,356,598.13	2,306,010	3,008,789	6,016,337	33.77	178,156
2010	8,285,578.40	2,132,499	2,782,399	6,166,026	34.20	180,293
2011	7,760,321.21	1,849,049	2,412,565	5,968,582	34.62	172,403
2012	7,769,071.35	1,699,180	2,217,022	6,173,575	35.01	176,337
2013	12,932,386.31	2,573,136	3,357,324	10,609,653	35.38	299,877
2014	19,227,645.93	3,425,328	4,469,230	16,296,627	35.74	455,977
2015	26,531,410.33	4,167,140	5,437,117	23,216,806	36.08	643,481
2016	13,105,478.72	1,772,212	2,312,311	11,841,606	36.40	325,319
2017	12,814,106.23	1,442,048	1,881,526	11,957,708	36.71	325,734
2018	9,501,617.16	847,312	1,105,539	9,156,208	37.00	247,465
2019	14,867,301.51	963,883	1,257,636	14,799,050	37.27	397,077
2020	3,792,751.45	150,329	196,143	3,900,028	37.53	103,918
2021	10,396,216.39	140,910	183,854	11,044,060	37.77	292,403
	308,391,167.65	109,537,374	142,919,964	190,142,497		5,917,149
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
1982	32.63	23	30	5	17.64	
1983	3,779.17	2,589	3,378	703	18.26	38
1984	242,087.70	162,559	212,100	49,354	18.89	2,613
1985	8,192,191.98	5,387,903	7,029,919	1,817,648	19.52	93,117
1986	3,174,319.85	2,042,252	2,664,648	763,617	20.17	37,859
1987	635,188.44	399,549	521,315	164,688	20.82	7,910
1988	1,007,512.81	619,191	807,896	280,218	21.47	13,052
1989	426,968.84	256,128	334,186	126,941	22.13	5,736
1990	848,977.55	496,710	648,087	268,808	22.79	11,795
1991	1,121,652.46	639,223	834,032	377,352	23.46	16,085
1992	1,542,910.72	855,851	1,116,680	549,664	24.12	22,789
1993	976,309.46	526,680	687,191	367,223	24.78	14,819

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CATAWBA						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -8						
1994	1,536,887.00	805,403	1,050,857	608,980	25.44	23,938
1995	1,414,554.73	719,403	938,648	589,071	26.09	22,578
1996	883,657.83	435,451	568,159	386,191	26.74	14,442
1997	1,567,649.92	747,792	975,689	717,373	27.38	26,201
1998	870,345.03	401,256	523,543	416,430	28.02	14,862
1999	377,219.05	167,860	219,017	188,380	28.64	6,578
2000	682,157.20	292,356	381,454	355,275	29.26	12,142
2001	488,365.14	201,364	262,732	264,703	29.86	8,865
2002	757,071.95	299,599	390,905	426,733	30.45	14,014
2003	706,657.44	267,811	349,429	413,761	31.02	13,339
2004	444,506.04	160,966	210,022	270,045	31.58	8,551
2005	717,907.43	247,713	323,206	452,134	32.12	14,076
2006	529,049.13	173,389	226,231	345,142	32.64	10,574
2007	885,068.60	274,431	358,067	597,808	33.15	18,033
2008	1,992,947.48	582,091	759,489	1,392,894	33.64	41,406
2009	1,637,532.25	448,235	584,839	1,183,696	34.11	34,702
2010	1,731,561.70	441,789	576,429	1,293,658	34.56	37,432
2011	1,347,505.62	318,159	415,121	1,040,185	34.99	29,728
2012	1,231,925.42	267,054	348,441	982,038	35.40	27,741
2013	2,090,274.70	411,587	537,022	1,720,474	35.79	48,071
2014	1,075,230.88	189,644	247,440	913,809	36.17	25,264
2015	3,731,679.96	579,102	755,589	3,274,625	36.53	89,642
2016	1,851,567.40	247,642	323,113	1,676,579	36.86	45,485
2017	1,618,816.35	180,112	235,003	1,513,319	37.18	40,703
2018	789,731.27	69,580	90,785	762,125	37.49	20,329
2019	2,116,188.56	135,438	176,714	2,108,770	37.78	55,817
2020	1,648,669.24	64,492	84,147	1,696,416	38.05	44,584
2021	1,142,057.65	14,949	19,505	1,213,917	38.31	31,687
	54,038,716.58	20,533,326	26,791,059	31,570,755		1,006,597
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -5						
1997	61,696.00	28,612	37,332	27,449	27.38	1,003
1998	48,736.00	21,845	28,502	22,670	28.02	809
2006	7,273.00	2,317	3,023	4,614	32.64	141
2010	1,282,200.53	318,052	414,982	931,329	34.56	26,948

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 325.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2063						
NET SALVAGE PERCENT.. -5						
2015	39,614.09	5,977	7,799	33,796	36.53	925
2016	141,937.22	18,456	24,081	124,953	36.86	3,390
2018	6,783.00	581	758	6,364	37.49	170
2019	34,131.29	2,124	2,771	33,067	37.78	875
2020	2,504,108.89	95,234	124,258	2,505,057	38.05	65,836
	4,126,480.02	493,198	643,505	3,689,299		100,097
	637,024,850.63	218,480,615	285,064,727	391,979,578		12,919,071
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					30.3	2.03

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1964	6,879,922.00	4,409,342	5,449,964	1,429,958	31.64	45,195
1982	1,607.00	872	1,078	529	33.08	16
1989	18.00	9	11	7	33.37	
	6,881,547.00	4,410,223	5,451,053	1,430,494		45,211
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. 0						
1991	723,692.00	293,631	362,929	360,763	44.51	8,105
	723,692.00	293,631	362,929	360,763		8,105
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. 0						
1973	324,858.00	216,391	267,460	57,398	24.11	2,381
1975	4,171.00	2,738	3,384	787	24.17	33
1979	33,104.00	21,023	25,985	7,119	24.29	293
1987	74,046.00	43,270	53,482	20,564	24.46	841
	436,179.00	283,422	350,311	85,868		3,548
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. 0						
1971	12,066,994.00	8,151,616	10,076,662	1,990,332	24.03	82,827
1977	4,081.00	2,637	3,260	821	24.23	34
	12,071,075.00	8,154,253	10,079,922	1,991,153		82,861

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1916	35,796.00	30,053	35,796			
	35,796.00	30,053	35,796			
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1919	393,705.00	325,661	393,705			
	393,705.00	325,661	393,705			
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1915	7,426.00	6,264	7,426			
	7,426.00	6,264	7,426			
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1923	319,558.00	258,778	319,558			
1998	4,355.00	1,791	3,743	612	33.60	18
	323,913.00	260,569	323,301	612		18

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. 0						
1910	15,682.00	14,139	15,682			
1979	1,420.00	1,061	1,420			
	17,102.00	15,200	17,102			
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1928	695,790.00	548,289	680,788	15,002	22.85	657
	695,790.00	548,289	680,788	15,002		657
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1925	199,929.00	160,165	198,870	1,059	21.56	49
	199,929.00	160,165	198,870	1,059		49
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1919	204,111.00	168,834	204,111			
	204,111.00	168,834	204,111			

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. 0						
1925	1,152,940.00	923,632	1,151,671	1,269	21.56	59
1974	36,176.00	21,375	26,652	9,524	32.58	292
2012	325.24	71	89	237	33.77	7
	1,189,441.24	945,078	1,178,412	11,029		358
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. 0						
1954	326.00	255	318	8	18.41	
1956	109.00	85	106	3	18.51	
	435.00	340	424	11		
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. 0						
1941	6,560.00	5,303	6,560			
1942	60,785.00	48,996	60,785			
1943	993.00	798	993			
1949	499.00	394	499			
1950	245.00	193	245			
1952	401.00	313	401			
1953	10,821.00	8,423	10,821			
	80,304.00	64,420	80,304			
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. 0						
1929	712.00	642	712			
1949	5,070.00	4,449	5,070			
	5,782.00	5,091	5,782			

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 330.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. 0						
1956	711.00	552	696	15	18.51	1
	711.00	552	696	15		1
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. 0						
1941	47,127.00	38,343	47,127			
	47,127.00	38,343	47,127			
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 110-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. 0						
1949	204.00	162	204			
1950	511.00	405	511			
1954	803.00	628	803			
	1,518.00	1,195	1,518			
	23,315,583.24	15,711,583	19,419,577	3,896,006		140,808
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					27.7	0.60

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
1963	6,596,125.20	4,725,147	5,114,346	1,745,625	22.36	78,069
1974	2,204.81	1,441	1,560	733	25.40	29
1976	19,182.00	12,287	13,299	6,650	25.93	256
1984	101,670.00	59,157	64,030	41,707	28.00	1,490
1985	84,172.00	48,293	52,271	35,268	28.24	1,249
1986	244,736.00	138,335	149,729	104,796	28.49	3,678
1987	2,255.00	1,256	1,359	986	28.72	34
1988	110,058.00	60,298	65,265	49,196	28.96	1,699
1993	50,677.00	25,328	27,414	25,290	30.08	841
1994	9,195.00	4,500	4,871	4,692	30.29	155
1998	11,560.00	5,139	5,562	6,460	31.07	208
1999	323,640.00	139,983	151,513	185,073	31.25	5,922
2000	2,733,329.00	1,148,492	1,243,090	1,599,572	31.42	50,909
2001	926,024.00	377,098	408,159	554,906	31.59	17,566
2002	22,879.00	9,011	9,753	14,041	31.76	442
2003	360,270.00	136,987	148,270	226,411	31.91	7,095
2005	23,701.00	8,331	9,017	15,632	32.20	485
2006	807,997.00	271,666	294,042	546,274	32.34	16,892
2007	318,813.66	102,162	110,577	220,989	32.47	6,806
2008	302,951.03	92,139	99,728	215,341	32.59	6,608
2009	22,320.31	6,412	6,940	16,273	32.70	498
2010	31,479.97	8,486	9,185	23,554	32.81	718
2011	48,836.32	12,276	13,287	37,503	32.91	1,140
2013	382,868.36	81,301	87,998	310,186	33.09	9,374
2014	949,265.30	182,056	197,051	790,184	33.17	23,822
2015	1,479,507.62	251,668	272,397	1,266,291	33.24	38,095
2016	228,885.00	33,735	36,514	201,527	33.31	6,050
2017	83,177.53	10,279	11,126	75,379	33.37	2,259
2018	101,589.27	10,013	10,838	94,815	33.43	2,836
2019	1,777,844.35	128,466	139,047	1,709,911	33.48	51,073
2020	1,263,694.15	56,276	60,911	1,253,331	33.53	37,379
2021	331,002.77	5,053	5,469	338,774	33.57	10,092
	19,751,910.65	8,153,071	8,824,619	11,717,368		383,769

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
1986	1,854.74	997	1,079	943	34.59	27
1988	2,113.00	1,094	1,184	1,119	35.40	32
1990	120,460.88	59,866	64,797	66,505	36.18	1,838
1991	219,106,632.28	106,554,710	115,331,353	123,494,876	36.57	3,376,945
1995	62,322.00	27,504	29,769	38,162	38.07	1,002
1998	122,633.00	49,660	53,750	79,920	39.13	2,042
1999	1,112,375.00	436,350	472,291	740,198	39.47	18,753
2000	139,149.00	52,777	57,124	94,548	39.80	2,376
2002	38,980.00	13,741	14,873	27,615	40.44	683
2005	131,006.00	40,608	43,953	98,844	41.32	2,392
2007	34,505.00	9,652	10,447	27,163	41.86	649
2008	95,082.54	25,098	27,165	76,475	42.12	1,816
2009	366,397.39	90,829	98,310	301,063	42.36	7,107
2010	143,392.61	33,207	35,942	120,356	42.59	2,826
2011	23,066.15	4,943	5,350	19,792	42.82	462
2012	196,463.63	38,694	41,881	172,264	43.03	4,003
2013	765,687.47	136,999	148,283	686,316	43.23	15,876
2014	224,711.83	36,077	39,049	205,887	43.42	4,742
2015	391,898.23	55,421	59,986	367,183	43.60	8,422
2016	2,156,282.11	262,369	283,980	2,066,368	43.77	47,210
2017	1,210,247.94	122,604	132,703	1,186,468	43.92	27,014
2018	139,004.16	11,148	12,066	139,448	44.07	3,164
2019	4,802,675.47	280,173	303,250	4,931,666	44.21	111,551
2020	1,684,199.22	60,067	65,015	1,770,763	44.34	39,936
2021	1,173,122.39	14,219	15,390	1,263,313	44.46	28,415
	234,244,262.04	108,418,807	117,348,991	137,977,255		3,709,283
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1973	11,052,043.14	7,657,295	8,288,007	2,874,557	20.27	141,813
1975	1,005,131.84	685,797	742,284	272,899	20.59	13,254
1977	22,657.00	15,212	16,465	6,419	20.89	307
1979	1,310.00	864	935	388	21.19	18
1981	11,298.00	7,314	7,916	3,495	21.48	163
1983	37,284.00	23,639	25,586	12,071	21.77	554
1985	65,504.00	40,618	43,964	22,195	22.04	1,007

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1987	2,644.00	1,600	1,732	939	22.30	42
1990	182,616.00	106,097	114,836	69,606	22.67	3,070
1992	3,904,859.00	2,199,281	2,380,430	1,563,477	22.91	68,244
1995	51,697.00	27,631	29,907	22,307	23.23	960
1999	171,792.00	84,279	91,221	82,289	23.61	3,485
2000	211,838.00	101,347	109,695	104,262	23.70	4,399
2001	88,467.00	41,225	44,621	44,731	23.78	1,881
2004	89,113.00	37,866	40,985	49,019	24.00	2,042
2005	37,428.00	15,350	16,614	21,188	24.06	881
2006	11,282.00	4,450	4,817	6,578	24.13	273
2007	24,952.86	9,436	10,213	14,989	24.18	620
2008	251,108.95	90,636	98,101	155,519	24.24	6,416
2011	342,670.74	104,217	112,801	233,296	24.37	9,573
2012	1,699,582.20	480,899	520,509	1,196,069	24.41	48,999
2013	577,797.58	150,411	162,800	420,776	24.45	17,210
2014	208,917.34	49,435	53,507	157,500	24.48	6,434
2016	841,741.53	155,707	168,532	681,627	24.53	27,787
2017	6,510,939.96	1,018,696	1,102,603	5,473,446	24.55	222,951
2018	348,015.96	43,828	47,438	304,058	24.57	12,375
2019	997,020.02	92,925	100,579	906,411	24.59	36,861
2020	4,745,081.18	275,427	298,113	4,494,419	24.60	182,700
2021	39,160.17	787	852	38,700	24.61	1,573
	33,533,952.47	13,522,269	14,636,064	19,233,228		815,892
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1967	124.00	91	98	29	19.30	2
1973	4,117.00	2,909	3,149	1,092	20.27	54
1977	23,625.00	16,176	17,508	6,825	20.89	327
1980	13,185.00	8,787	9,511	4,070	21.34	191
1984	502,853.00	321,661	348,155	169,783	21.90	7,753
1985	30,347.00	19,190	20,771	10,487	22.04	476
1987	24,051.00	14,844	16,067	8,706	22.30	390
1988	20,938.00	12,755	13,806	7,761	22.43	346
1992	41,124.00	23,620	25,566	16,792	22.91	733
1996	63,854.00	34,126	36,937	28,833	23.33	1,236

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1998	7,187.00	3,681	3,984	3,418	23.52	145
2006	280,058.00	112,644	121,922	166,538	24.13	6,902
2007	23,177.90	8,938	9,674	14,199	24.18	587
2008	196,289.82	72,253	78,204	123,974	24.24	5,114
2010	181,122.74	59,842	64,771	121,785	24.33	5,006
2012	3,479,157.34	1,003,927	1,086,618	2,496,914	24.41	102,291
2013	963,404.39	255,757	276,823	715,483	24.45	29,263
2014	247,691.84	59,770	64,693	190,429	24.48	7,779
2015	653,630.15	141,165	152,792	520,447	24.50	21,243
2016	266,850.12	50,340	54,486	220,369	24.53	8,984
2017	226,118.84	36,079	39,051	193,852	24.55	7,896
2018	5,563,173.06	714,482	773,332	4,956,736	24.57	201,739
2019	15,397,811.74	1,463,537	1,584,085	14,275,661	24.59	580,547
2021	4,578,323.72	93,889	101,622	4,614,051	24.61	187,487
	32,788,214.66	4,530,463	4,903,626	28,868,235		1,176,491
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1972	84.00	61	66	29	24.86	1
1988	32,164.00	19,147	20,724	15,621	28.96	539
1995	460,715.24	239,615	259,352	261,257	30.49	8,569
1997	1,774,350.00	879,701	952,160	1,052,856	30.88	34,095
1998	219,508.00	106,036	114,770	133,274	31.07	4,289
1999	67,481.00	31,713	34,325	41,928	31.25	1,342
2000	47,820.00	21,832	23,630	30,406	31.42	968
2002	62,200.00	26,619	28,812	41,474	31.76	1,306
2004	443,009.00	176,176	190,687	309,913	32.06	9,667
2006	108,103.00	39,492	42,745	79,412	32.34	2,456
2007	57,291.94	19,948	21,591	43,149	32.47	1,329
2008	20,349.96	6,725	7,279	15,717	32.59	482
2010	636,012.43	186,285	201,629	517,065	32.81	15,759
2011	13,532.64	3,696	4,000	11,291	32.91	343
2012	42,031.80	10,617	11,491	36,004	33.00	1,091
2014	57,549.90	11,992	12,980	52,052	33.17	1,569

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
2015	311,370.43	57,548	62,288	289,560	33.24	8,711
2019	28,147.13	2,210	2,392	29,414	33.48	879
2020	1,326,505.69	64,185	69,472	1,429,480	33.53	42,633
	5,708,226.16	1,903,598	2,060,393	4,389,903		136,028
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
1927	70,439.85	67,203	72,738	7,563	12.23	618
1978	55,255.00	37,972	41,100	21,891	26.46	827
1984	12,570.00	8,017	8,677	5,652	28.00	202
1991	47,238.00	26,921	29,138	24,713	29.64	834
1995	20,489.39	10,751	11,637	11,721	30.49	384
1996	131,644.00	67,475	73,033	77,041	30.69	2,510
1997	819,376.01	409,831	443,588	490,501	30.88	15,884
1999	1,246,301.45	590,890	639,560	781,224	31.25	24,999
2000	100,618.00	46,343	50,160	64,544	31.42	2,054
2007	133,235.00	46,800	50,655	101,233	32.47	3,118
2008	323,572.00	107,873	116,758	252,114	32.59	7,736
2009	33,232.38	10,465	11,327	26,558	32.70	812
2014	141,489.82	29,745	32,195	129,103	33.17	3,892
2015	299,135.53	55,776	60,370	280,644	33.24	8,443
2016	140,673.48	22,727	24,599	135,769	33.31	4,076
2017	411,529.96	55,748	60,340	408,804	33.37	12,251
2018	6,908.07	746	807	7,068	33.43	211
2019	37,703.26	2,986	3,232	39,750	33.48	1,187
2020	61,939.14	3,024	3,273	67,338	33.53	2,008
2021	3,427.24	57	62	3,845	33.57	115
	4,096,777.58	1,601,350	1,733,249	2,937,077		92,161

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -3						
1981	4,002.00	2,399	2,597	1,525	27.24	56
1987	10,744.00	5,924	6,412	4,654	28.72	162
1996	243,963.21	112,979	122,285	128,997	30.69	4,203
1999	1,054,180.00	451,576	488,771	597,034	31.25	19,105
2001	44,894.00	18,106	19,597	26,643	31.59	843
2008	74,141.34	22,332	24,171	52,194	32.59	1,602
2011	61,800,618.44	15,385,962	16,653,265	47,001,372	32.91	1,428,179
2012	17,304.68	3,984	4,312	13,512	33.00	409
2015	107,864.69	18,172	19,669	91,432	33.24	2,751
2017	1,695,191.19	207,483	224,573	1,521,474	33.37	45,594
2018	141,242.95	13,787	14,923	130,558	33.43	3,905
2019	60,394.85	4,322	4,678	57,529	33.48	1,718
2021	989,435.21	14,961	16,193	1,002,925	33.57	29,876
	66,243,976.56	16,261,987	17,601,446	50,629,850		1,538,403
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
1978	2,934.00	2,140	2,316	1,234	26.46	47
1988	3,614.00	2,304	2,494	1,879	28.96	65
1991	37,013.00	22,389	24,233	20,553	29.64	693
1993	518,921.74	301,748	326,602	301,293	30.08	10,016
1995	787,401.00	438,515	474,634	478,121	30.49	15,681
1996	46,178.00	25,122	27,191	28,684	30.69	935
2000	389,588.00	190,456	206,143	265,258	31.42	8,442
2002	552,955.00	253,392	274,263	394,812	31.76	12,431
2007	50,975.95	19,005	20,570	41,111	32.47	1,266
2013	78,973.40	19,511	21,118	74,440	33.09	2,250
2017	52,046.29	7,483	8,099	54,877	33.37	1,645
2019	351,014.63	29,510	31,941	392,787	33.48	11,732
	2,871,615.01	1,311,575	1,419,606	2,055,048		65,203

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -16						
1923	39,961.15	39,462	42,712	3,643	11.15	327
1981	7,945.00	5,363	5,805	3,411	27.24	125
1990	2,269.00	1,340	1,450	1,182	29.42	40
1991	7,002.00	4,061	4,395	3,727	29.64	126
1996	113,475.15	59,183	64,058	67,573	30.69	2,202
2000	1,263,263.56	592,045	640,810	824,575	31.42	26,244
2002	1,895.00	833	902	1,297	31.76	41
2003	90,405.00	38,341	41,499	63,371	31.91	1,986
2005	179,672.00	70,444	76,246	132,173	32.20	4,105
2011	184,066.54	51,609	55,860	157,657	32.91	4,791
2015	92,342.72	17,520	18,963	88,154	33.24	2,652
2016	350,629.78	57,642	62,390	344,341	33.31	10,337
2017	8,376.94	1,155	1,250	8,467	33.37	254
2018	1,007,292.73	110,735	119,856	1,048,604	33.43	31,367
2019	668,863.01	53,908	58,348	717,533	33.48	21,432
2020	98,966.63	4,916	5,321	109,480	33.53	3,265
	4,116,426.21	1,108,557	1,199,866	3,575,188		109,294
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
1956	645.53	612	662	80	11.93	7
1963	843.00	783	847	122	12.41	10
1981	8,757.05	7,481	8,097	1,973	13.47	146
1984	61,012.00	51,050	55,255	14,909	13.61	1,095
1985	24,781.00	20,575	22,270	6,228	13.66	456
1995	50,068.00	37,494	40,582	16,996	14.05	1,210
1998	368,766.00	264,088	285,840	138,240	14.14	9,777
2002	9,423.00	6,257	6,772	4,064	14.23	286
2003	91,603.17	59,404	64,297	41,047	14.26	2,878
2005	159,366.00	98,131	106,214	77,057	14.29	5,392
2006	2,203.00	1,316	1,424	1,109	14.31	77
2017	329,428.66	90,203	97,633	281,210	14.40	19,528
2019	99,758.50	16,961	18,358	96,364	14.41	6,687
	1,206,654.91	654,355	708,253	679,400		47,549

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -7						
1968	1,817.00	1,289	1,395	549	23.76	23
1969	5,129.00	3,608	3,905	1,583	24.03	66
1970	3,000.00	2,092	2,264	946	24.31	39
1976	1,230.00	811	878	438	25.93	17
1996	1,259,032.40	605,699	655,589	691,576	30.69	22,534
1997	870,832.80	408,823	442,497	489,294	30.88	15,845
1998	879,862.00	402,461	435,611	505,842	31.07	16,281
1999	82,082.00	36,527	39,536	48,292	31.25	1,545
2000	23,081.06	9,978	10,800	13,897	31.42	442
2003	286,871.00	112,225	121,469	185,483	31.91	5,813
2004	247,527.00	93,210	100,887	163,966	32.06	5,114
2007	32,352.19	10,666	11,545	23,072	32.47	711
2011	8,614.64	2,228	2,412	6,806	32.91	207
2012	32,404.12	7,750	8,388	26,284	33.00	796
2013	59,769.72	13,058	14,134	49,820	33.09	1,506
2015	217,552.03	38,074	41,210	191,571	33.24	5,763
2017	51,223.81	6,513	7,049	47,760	33.37	1,431
2018	52,691.21	5,343	5,783	50,597	33.43	1,514
2019	96,191.54	7,151	7,740	95,185	33.48	2,843
	4,211,263.52	1,767,506	1,913,091	2,592,961		82,490
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1941	5,173.00	4,582	4,959	886	16.14	55
1945	7,012.00	6,085	6,586	1,337	17.28	77
1958	666.00	536	580	172	20.96	8
1962	1,223.00	959	1,038	344	22.08	16
1992	59,039.00	32,719	35,414	31,300	29.86	1,048
1994	106,554.00	56,657	61,324	59,082	30.29	1,951
1999	1,775,016.00	834,179	902,888	1,102,880	31.25	35,292
2000	962,221.88	439,295	475,479	611,832	31.42	19,473
2001	83,351.00	36,880	39,918	54,269	31.59	1,718
2002	60,360.00	25,831	27,959	40,248	31.76	1,267
2006	454,153.00	165,910	179,576	333,617	32.34	10,316
2010	203,777.27	59,686	64,602	165,666	32.81	5,049
2011	190,730.49	52,095	56,386	159,140	32.91	4,836

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
2013	62,162.24	14,342	15,523	54,720	33.09	1,654
2014	24,272.22	5,058	5,475	21,953	33.17	662
2019	791,983.85	62,181	67,303	827,639	33.48	24,720
2021	1,278,656.44	21,211	22,958	1,421,924	33.57	42,357
	6,066,351.39	1,818,206	1,967,967	4,887,010		150,499
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1919	109,318.41	106,911	115,717	7,813	10.09	774
1981	3,419.00	2,248	2,433	1,430	27.24	52
1984	2,255,861.00	1,426,158	1,543,627	1,005,496	28.00	35,911
1986	3,914.00	2,404	2,602	1,821	28.49	64
1987	3,397.00	2,055	2,224	1,614	28.72	56
1988	5,570.00	3,316	3,589	2,705	28.96	93
1992	135,210.00	74,933	81,105	71,682	29.86	2,401
1994	871,053.19	463,158	501,307	482,983	30.29	15,945
1995	355,387.00	184,835	200,059	201,528	30.49	6,610
1996	1,370,663.00	696,378	753,737	795,112	30.69	25,908
1997	114,630.00	56,832	61,513	68,019	30.88	2,203
1998	12,927.00	6,245	6,759	7,848	31.07	253
1999	527,164.00	247,744	268,150	327,545	31.25	10,481
2001	195,799.00	86,634	93,770	127,483	31.59	4,036
2002	666,584.00	285,267	308,764	444,476	31.76	13,995
2006	72,761.00	26,581	28,770	53,450	32.34	1,653
2007	73,980.66	25,758	27,880	55,719	32.47	1,716
2008	278,559.99	92,052	99,634	215,139	32.59	6,601
2009	716,983.48	223,799	242,233	567,959	32.70	17,369
2010	27,758.74	8,130	8,800	22,568	32.81	688
2013	58,856.16	13,579	14,697	51,810	33.09	1,566
2014	26,793.26	5,583	6,043	24,234	33.17	731
2015	170,386.69	31,491	34,085	158,452	33.24	4,767
2016	832,716.03	133,354	144,338	796,631	33.31	23,916
2017	162,955.96	21,881	23,683	160,457	33.37	4,808
2018	4,916.37	526	569	4,986	33.43	149

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
2019	1,055,602.30	82,878	89,704	1,103,126	33.48	32,949
2020	104,061.18	5,035	5,450	112,139	33.53	3,344
2021	7,236,528.41	120,042	129,930	8,047,348	33.57	239,718
	17,453,756.83	4,435,807	4,801,173	14,921,572		458,757
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
1925	85,402.20	79,298	85,830	8,113	11.69	694
1980	175,990.00	114,043	123,436	70,153	26.98	2,600
1981	37,704.00	24,136	26,124	15,350	27.24	564
1984	181,598.00	111,758	120,963	78,795	28.00	2,814
1985	17,791.00	10,796	11,685	7,885	28.24	279
1987	5,338.00	3,143	3,402	2,470	28.72	86
1989	25,395.00	14,472	15,664	12,270	29.19	420
1991	34,099.00	18,751	20,295	17,213	29.64	581
1992	303,728.00	163,856	177,352	156,748	29.86	5,249
1993	43,420.00	22,953	24,844	22,918	30.08	762
1995	755,243.54	382,369	413,864	416,904	30.49	13,673
1997	1,528,989.00	737,928	798,709	883,179	30.88	28,600
1998	313,939.58	147,627	159,787	185,547	31.07	5,972
2000	125,359.00	55,712	60,301	77,594	31.42	2,470
2001	163,924.00	70,605	76,421	103,896	31.59	3,289
2002	350,510.00	146,020	158,047	227,514	31.76	7,164
2003	149,525.00	60,135	65,088	99,389	31.91	3,115
2004	438,126.00	169,609	183,579	298,359	32.06	9,306
2005	392,607.00	145,967	157,990	273,878	32.20	8,506
2006	7,725.00	2,747	2,973	5,524	32.34	171
2008	110,495.91	35,545	38,473	83,073	32.59	2,549
2009	808,220.32	245,580	265,808	623,235	32.70	19,059
2011	140,811.20	37,439	40,523	114,370	32.91	3,475
2012	75,881.26	18,658	20,195	63,275	33.00	1,917
2013	72,453.91	16,273	17,613	62,086	33.09	1,876
2018	163,936.65	17,090	18,498	161,833	33.43	4,841

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
2019	1,415,165.24	108,158	117,067	1,439,615	33.48	42,999
2020	378,918.12	17,848	19,318	397,492	33.53	11,855
2021	90,081.69	1,455	1,575	97,515	33.57	2,905
	8,392,377.62	2,979,971	3,225,424	6,006,191		187,791
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -108						
1907	232,405.74	437,514	473,551	9,853	7.12	1,384
1974	7,991.30	10,445	11,305	5,317	25.40	209
1980	28,849.00	35,349	38,261	21,745	26.98	806
2002	2,731.00	2,151	2,328	3,352	31.76	106
2006	28,851.00	19,401	20,999	39,011	32.34	1,206
2011	69,551.98	34,968	37,848	106,820	32.91	3,246
2014	8,714.37	3,343	3,618	14,508	33.17	437
2015	34,379.01	11,696	12,659	58,849	33.24	1,770
2017	15,031.61	3,715	4,021	27,245	33.37	816
2018	35,059.29	6,911	7,480	65,443	33.43	1,958
2020	74,004.33	6,591	7,134	146,795	33.53	4,378
2021	14,013.23	428	463	28,684	33.57	854
	551,581.86	572,512	619,668	527,622		17,170
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
1994	988,675.23	553,613	599,213	577,311	30.29	19,059
1996	706,078.00	377,777	408,894	431,339	30.69	14,055
1997	122,257.00	63,832	69,090	76,396	30.88	2,474
1999	98,094.00	48,548	52,547	64,185	31.25	2,054
2001	101,366.00	47,232	51,122	69,503	31.59	2,200
2006	89,692.00	34,506	37,348	69,385	32.34	2,145
2012	25,030.88	6,658	7,206	22,580	33.00	684
	2,131,193.11	1,132,166	1,225,420	1,310,700		42,671

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -8						
1954	74,222.78	63,518	68,750	11,411	14.60	782
1955	1,527.00	1,302	1,409	240	14.72	16
1963	350.00	289	313	65	15.67	4
1972	804.00	636	688	180	16.64	11
1975	108.00	84	91	26	16.94	2
1977	493.00	378	409	123	17.14	7
1989	2,860.00	1,964	2,126	963	18.16	53
1991	8,201.00	5,493	5,945	2,912	18.31	159
1993	1,270.00	828	896	475	18.44	26
1994	3,887.00	2,495	2,701	1,497	18.51	81
2009	3,514.34	1,498	1,621	2,174	19.16	113
2013	13,950.45	4,617	4,997	10,069	19.24	523
2016	811,766.43	194,585	210,612	666,095	19.28	34,548
2017	80,872.33	16,522	17,883	69,459	19.29	3,601
2020	62,188.49	4,841	5,240	61,924	19.31	3,207
	1,066,014.82	299,050	323,682	827,614		43,133
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -17						
1952	66,441.53	62,007	67,114	10,622	14.35	740
1955	34.00	31	34	6	14.72	
1957	923.00	847	917	163	14.96	11
1971	638.00	550	595	151	16.54	9
1977	493.00	409	443	134	17.14	8
1994	82.00	57	62	34	18.51	2
2000	26,494.00	16,470	17,827	13,171	18.84	699
2008	3,513.93	1,699	1,839	2,272	19.14	119
2013	9,546.07	3,422	3,704	7,465	19.24	388
2014	531,686.35	174,348	188,709	433,364	19.26	22,501
2016	80,683.72	20,952	22,678	71,722	19.28	3,720
2018	153,836.99	27,630	29,906	150,083	19.30	7,776
2020	196,732.28	16,591	17,958	212,219	19.31	10,990
2021	7,449.61	220	238	8,478	19.32	439
	1,078,554.48	325,233	352,022	909,887		47,402

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1942	352,390.03	317,286	343,420	44,209	13.30	3,324
1943	6,397.00	5,743	6,216	821	13.45	61
1948	146.00	129	140	21	14.16	1
1950	1,563.00	1,373	1,486	233	14.44	16
1955	4,397.03	3,796	4,109	728	15.11	48
1965	2,561.00	2,122	2,297	520	16.36	32
1966	1,383.00	1,140	1,234	287	16.48	17
1968	1,888.00	1,541	1,668	409	16.71	24
1981	4,673.00	3,499	3,787	1,353	18.09	75
1982	3,368.00	2,500	2,706	999	18.19	55
1984	2,762.00	2,013	2,179	859	18.37	47
1985	3,933.00	2,839	3,073	1,253	18.46	68
1986	3,277.00	2,341	2,534	1,071	18.55	58
1992	20,217.00	13,422	14,528	7,711	19.03	405
1994	3,451.00	2,224	2,407	1,389	19.17	72
2000	2,846.00	1,636	1,771	1,360	19.53	70
2001	10,983.00	6,160	6,667	5,414	19.59	276
2004	9,100.00	4,698	5,085	4,925	19.72	250
2006	59,510.00	28,702	31,066	34,395	19.80	1,737
2008	8,652.05	3,848	4,165	5,352	19.86	269
2010	38,404.67	15,454	16,727	25,518	19.92	1,281
2011	9,305.61	3,529	3,820	6,416	19.94	322
2012	22,328.31	7,920	8,572	15,989	19.96	801
2013	11,187.88	3,673	3,976	8,331	19.98	417
2014	412,198.02	123,661	133,847	319,571	20.00	15,979
2015	366,112.69	98,744	106,877	295,847	20.01	14,785
2016	710,245.35	168,379	182,248	599,022	20.02	29,921
2017	488,570.78	98,548	106,665	430,763	20.04	21,495
2021	47,582.92	1,273	1,378	50,963	20.06	2,541
	2,609,433.34	928,193	1,004,646	1,865,731		94,447
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
1949	10,354.00	17,654	19,108	1,082	8.65	125
1950	403.00	686	743	43	8.69	5

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
1961	31.00	52	56	4	9.12	
2001	3,750.00	4,897	5,300	2,012	10.08	200
2002	19,924.00	25,581	27,688	11,164	10.09	1,106
2015	77,751.15	59,154	64,027	87,588	10.16	8,621
	112,213.15	108,024	116,922	101,894		10,057
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -11						
1955	103,647.00	90,851	98,334	16,714	14.72	1,135
1956	957.00	836	905	157	14.84	11
1972	804.00	653	707	186	16.64	11
1986	438.00	320	346	140	17.93	8
1993	613.00	411	445	236	18.44	13
2006	46,231.00	22,977	24,870	26,447	19.08	1,386
2009	7,027.68	3,078	3,332	4,469	19.16	233
2013	8,238.53	2,802	3,033	6,112	19.24	318
2014	96,781.16	30,109	32,589	74,838	19.26	3,886
2015	91,140.60	25,517	27,619	73,547	19.27	3,817
	355,877.97	177,554	192,179	202,846		10,818
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1941	544,846.87	610,844	661,157	79,834	12.88	6,198
1942	5,103.00	5,705	6,175	765	13.02	59
1947	11,504.00	12,677	13,721	1,924	13.70	140
1949	104.00	114	123	18	13.96	1
1951	1,383.00	1,505	1,629	252	14.22	18
1953	1,536.00	1,661	1,798	291	14.47	20
1955	10,535.00	11,314	12,246	2,082	14.72	141
1956	1,812.00	1,939	2,099	366	14.84	25
1964	329.00	341	369	78	15.78	5
1965	488.00	504	546	118	15.89	7

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1968	1,052.00	1,070	1,158	273	16.22	17
1970	3,966.00	3,993	4,322	1,072	16.43	65
1975	54.00	53	57	16	16.94	1
1977	650.00	627	679	205	17.14	12
1979	14,176.55	13,479	14,589	4,691	17.32	271
1981	1,540.00	1,441	1,560	535	17.51	31
1987	16,386.00	14,495	15,689	6,596	18.01	366
1988	13,539.00	11,845	12,821	5,592	18.09	309
1989	3,340.00	2,889	3,127	1,415	18.16	78
1992	8,294.00	6,902	7,470	3,809	18.38	207
2002	140,187.00	96,521	104,471	86,183	18.93	4,553
2003	165,011.00	110,587	119,696	104,719	18.97	5,520
2006	7,886.35	4,802	5,198	5,528	19.08	290
2009	3,514.34	1,886	2,041	2,738	19.16	143
2012	26,930.00	12,102	13,099	23,526	19.23	1,223
2013	348,407.65	145,192	157,151	316,683	19.24	16,460
2015	2,126,989.25	729,627	789,724	2,102,981	19.27	109,132
2016	41,851.02	12,633	13,674	43,244	19.28	2,243
2017	10,516.13	2,705	2,928	11,374	19.29	590
2018	98,833.06	20,634	22,334	112,079	19.30	5,807
2020	412,286.75	40,416	43,745	516,965	19.31	26,772
2021	555,370.17	19,056	20,626	734,678	19.32	38,027
	4,578,421.14	1,899,559	2,056,020	4,170,633		218,731
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
1951	72,521.27	89,961	97,371	15,037	14.22	1,057
1955	157.00	192	208	36	14.72	2
1972	805.00	913	988	260	16.64	16
1977	493.00	542	587	178	17.14	10
1993	865.00	809	876	465	18.44	25
1996	10,196.00	9,089	9,838	5,966	18.63	320
2009	3,514.34	2,150	2,327	3,120	19.16	163
2013	1,088,690.47	517,075	559,665	1,127,805	19.24	58,618
2014	1,103,572.85	479,412	518,900	1,191,638	19.26	61,871

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 331.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
2015	6,324.75	2,473	2,677	7,127	19.27	370
2016	89,666.53	30,847	33,388	105,595	19.28	5,477
2018	24,627.80	5,860	6,343	31,830	19.30	1,649
	2,401,434.01	1,139,323	1,233,166	2,489,057		129,578
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 75-S2						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -25						
2007	27,830.67	14,682	15,891	18,897	19.83	953
	27,830.67	14,682	15,891	18,897		953
	455,598,320.16	175,063,818	189,483,384	302,895,167		9,568,570
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					31.7	2.10

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
1963	15,632,967.39	10,714,373	12,841,127	3,417,159	28.81	118,610
1990	58,826.00	29,967	35,915	25,264	32.62	774
1999	35,960.00	15,076	18,069	19,330	33.24	582
2000	3,811,814.45	1,553,842	1,862,273	2,102,014	33.29	63,143
2001	168,032.00	66,511	79,713	95,040	33.33	2,851
2002	3,247.00	1,244	1,491	1,886	33.38	57
2010	38,301.76	10,142	12,155	27,679	33.64	823
2012	73,120.40	16,731	20,052	55,993	33.68	1,662
2013	151,187.42	31,670	37,956	119,279	33.70	3,539
2014	100,859.66	19,090	22,879	82,015	33.71	2,433
2015	2,647,317.20	444,836	533,134	2,220,076	33.73	65,819
2016	6,417,596.31	935,470	1,121,157	5,553,144	33.74	164,586
2017	3,082,711.20	377,188	452,058	2,753,962	33.75	81,599
2018	3,743,991.51	365,740	438,338	3,455,413	33.76	102,352
2019	1,856,090.31	133,058	159,469	1,770,865	33.77	52,439
2020	400,886.85	17,728	21,247	395,675	33.78	11,713
2021	630,298.83	9,557	11,454	644,057	33.79	19,061
	38,853,208.29	14,742,223	17,668,487	22,738,850		692,043
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
1991	449,942,711.52	203,482,542	243,872,904	246,564,652	42.73	5,770,294
1995	713,230.00	294,098	352,475	424,946	43.37	9,798
1998	128,354.00	48,787	58,471	81,435	43.78	1,860
1999	3,994,634.00	1,473,271	1,765,709	2,588,442	43.90	58,962
2002	31,099.00	10,359	12,415	21,483	44.24	486
2010	31,974.60	7,106	8,517	26,336	44.90	587
2011	25,047.13	5,169	6,195	21,106	44.96	469
2012	92,229.48	17,517	20,994	79,536	45.02	1,767
2013	14,758.72	2,553	3,060	13,027	45.07	289
2014	42,856.23	6,658	7,980	38,734	45.12	858
2015	62,304.37	8,545	10,241	57,671	45.16	1,277

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
2016	513,349.05	60,700	72,749	486,802	45.20	10,770
2018	93,544.18	7,316	8,768	93,195	45.28	2,058
2020	68,074.70	2,376	2,848	71,354	45.34	1,574
	455,754,166.98	205,426,997	246,203,324	250,568,718		5,861,049
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1973	46,415,623.32	31,500,868	37,753,648	9,126,132	23.18	393,707
1975	378,987.00	253,280	303,555	79,222	23.34	3,394
1998	34,011.51	16,828	20,168	14,183	24.43	581
1999	14,379.00	6,955	8,336	6,187	24.45	253
2000	132,335.00	62,480	74,882	58,776	24.47	2,402
2001	17,926.00	8,245	9,882	8,224	24.49	336
2003	77,726.00	33,730	40,425	38,078	24.53	1,552
2005	16,770.00	6,804	8,155	8,783	24.56	358
2010	138,006.16	44,390	53,201	86,185	24.61	3,502
2011	8,000.00	2,416	2,896	5,184	24.62	211
2012	15,607.20	4,389	5,260	10,503	24.62	427
2014	77,720.55	18,317	21,953	56,545	24.64	2,295
2016	5,014.49	924	1,107	3,957	24.64	161
2017	127,237.67	19,838	23,776	104,734	24.65	4,249
2018	3,079,210.36	386,667	463,419	2,646,584	24.65	107,366
2019	2,195,124.60	204,148	244,670	1,972,405	24.65	80,016
2020	2,850,130.70	165,061	197,825	2,680,807	24.66	108,711
2021	5,870,145.11	117,806	141,190	5,787,657	24.66	234,698
	61,453,954.67	32,853,146	39,374,347	22,694,147		944,219
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1971	16,548,914.83	11,617,451	13,923,462	3,121,920	23.02	135,618
1973	8,415.00	5,824	6,980	1,687	23.18	73
1974	28,379.00	19,494	23,363	5,867	23.26	252

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1980	31,901.00	20,826	24,960	7,898	23.68	334
2004	268,894.00	115,252	138,129	138,832	24.54	5,657
2005	98,318.00	40,680	48,755	52,513	24.56	2,138
2008	69,044.08	25,205	30,208	40,907	24.59	1,664
2011	173,990.26	53,578	64,213	114,997	24.62	4,671
2019	753,152.83	71,431	85,610	690,138	24.65	27,997
	17,981,009.00	11,969,741	14,345,680	4,174,759		178,404
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1916	398,762.39	367,213	440,103	10,498	18.33	573
1926	1,277,000.00	1,139,516	1,365,705	77,305	20.59	3,754
1938	7,618.72	6,500	7,790	819	23.37	35
1947	8,700.00	7,126	8,540	1,291	25.43	51
1951	492.00	395	473	83	26.32	3
1985	1,232,269.00	737,115	883,429	509,035	32.14	15,838
1999	1,591,861.55	725,134	869,070	929,734	33.24	27,970
2004	5,406,218.00	2,096,312	2,512,420	3,596,606	33.46	107,490
2007	5,054,557.00	1,722,405	2,064,294	3,647,355	33.56	108,682
2011	27,528.50	7,396	8,864	22,243	33.66	661
2012	57,435.22	14,279	17,113	47,788	33.68	1,419
2014	61,880.00	12,726	15,252	54,672	33.71	1,622
2019	566,915.96	44,158	52,923	587,692	33.77	17,403
2021	7,789,857.10	128,341	153,816	8,648,722	33.79	255,955
	23,481,095.44	7,008,616	8,399,794	18,133,844		541,456
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
1909	585,086.00	554,389	664,433	2,565	16.80	153
1927	871,114.09	781,556	936,691	56,379	20.82	2,708
1987	349,841.00	205,013	245,707	153,112	32.35	4,733
1998	604,209.00	285,224	341,840	346,959	33.18	10,457

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
2000	931,881.00	416,396	499,049	563,296	33.29	16,921
2002	2,770,109.00	1,163,758	1,394,759	1,763,166	33.38	52,821
2012	12,019.63	3,015	3,613	10,089	33.68	300
2013	385,373.54	88,489	106,054	333,272	33.70	9,889
2014	2,579,656.90	535,198	641,432	2,299,377	33.71	68,211
2015	282,320.61	52,001	62,323	259,523	33.73	7,694
2016	211,588.32	33,808	40,519	200,692	33.74	5,948
2018	2,434,401.01	260,676	312,419	2,462,798	33.76	72,950
	12,017,600.10	4,379,523	5,248,838	8,451,226		252,785
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -3						
1919	3,962,992.92	3,296,733	3,951,120	130,763	19.00	6,882
1927	433,468.00	351,378	421,125	25,347	20.82	1,217
1942	391,375.00	299,161	358,543	44,573	24.29	1,835
1954	11,199.00	8,054	9,653	1,882	26.97	70
1966	22,523.00	14,952	17,920	5,279	29.37	180
1974	18,334.00	11,357	13,611	5,273	30.72	172
1976	28,354.00	17,219	20,637	8,568	31.01	276
2008	26,706,815.00	7,881,873	9,446,389	18,061,630	33.59	537,709
2009	57,909,351.21	16,169,605	19,379,198	40,267,433	33.61	1,198,079
2011	14,089,701.44	3,450,612	4,135,543	10,376,850	33.66	308,284
2012	1,825,349.03	413,643	495,749	1,384,360	33.68	41,103
2019	95,320,828.49	6,767,579	8,110,913	90,069,541	33.77	2,667,147
	200,720,291.09	38,682,166	46,360,401	160,381,499		4,762,954
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
1915	1,096,809.16	1,084,684	1,299,989	27,150	18.11	1,499
1981	138,948.35	93,760	112,371	55,757	31.68	1,760
1982	12,217.00	8,143	9,759	5,023	31.80	158
1995	1,182,138.69	635,865	762,081	668,306	33.00	20,252

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
1996	579,437.00	304,832	365,340	335,779	33.06	10,157
2000	2,289,115.00	1,085,662	1,301,161	1,468,668	33.29	44,117
2002	12,059.00	5,377	6,444	8,147	33.38	244
2016	19,346.85	3,281	3,932	19,477	33.74	577
2017	250,372.36	35,642	42,717	260,234	33.75	7,711
	5,580,443.41	3,257,246	3,903,795	2,848,542		86,475
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -16						
1923	2,540,623.75	2,350,331	2,816,861	130,263	19.91	6,543
1982	6,235.00	3,984	4,775	2,458	31.80	77
1998	274,163.00	131,693	157,833	160,196	33.18	4,828
2000	175,224.00	79,670	95,484	107,776	33.29	3,237
2002	1,712,416.00	732,029	877,333	1,109,069	33.38	33,226
2003	559,969.00	231,290	277,200	372,364	33.42	11,142
2019	2,910,345.39	232,708	278,899	3,097,101	33.77	91,712
2020	6,405,144.51	315,922	378,631	7,051,337	33.78	208,743
	14,584,120.65	4,077,627	4,887,017	12,030,563		359,508
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
1910	969,481.62	990,503	1,114,904			
1935	74,655.00	73,906	85,853			
1954	15,012.00	14,290	17,264			
1955	2,523.00	2,395	2,897	4	13.40	
1958	2,894.00	2,724	3,295	33	13.52	2
1959	43,674.00	40,983	49,578	647	13.56	48
1961	4,393.00	4,097	4,956	96	13.63	7
1984	80,475.27	66,993	81,043	11,504	14.22	809
1990	891,114.01	704,117	851,786	172,995	14.30	12,098
2004	260,283.00	164,258	198,707	100,619	14.39	6,992
2005	5,372,398.00	3,298,139	3,989,833	2,188,425	14.40	151,974

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
2006	3,495,144.00	2,083,625	2,520,608	1,498,808	14.40	104,084
2017	365,858.16	100,123	121,121	299,616	14.41	20,792
2019	825,383.22	140,243	169,655	779,536	14.42	54,059
2020	501,879.74	54,380	65,785	511,377	14.42	35,463
	12,905,168.02	7,740,776	9,277,285	5,563,658		386,328
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -7						
1928	1,846,521.58	1,549,563	1,857,144	118,634	21.05	5,636
1974	4,355.00	2,802	3,358	1,302	30.72	42
1998	1,335,337.88	591,657	709,098	719,713	33.18	21,691
1999	3,634,788.62	1,567,824	1,879,030	2,010,194	33.24	60,475
2003	9,883.00	3,765	4,512	6,062	33.42	181
2004	12,885,495.00	4,731,174	5,670,291	8,117,189	33.46	242,594
2013	258,797.62	55,776	66,847	210,066	33.70	6,233
2015	30,000.00	5,186	6,215	25,885	33.73	767
2016	979,326.34	146,871	176,024	871,855	33.74	25,840
2017	8,154,013.38	1,026,472	1,230,222	7,494,572	33.75	222,061
2018	3,957,447.10	397,744	476,694	3,757,774	33.76	111,308
2019	1,856,447.92	136,923	164,102	1,822,298	33.77	53,962
2020	1,251,430.89	56,936	68,238	1,270,794	33.78	37,620
	36,203,844.33	10,272,693	12,311,776	26,426,337		788,410
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1925	1,126,990.00	1,009,057	1,209,350	64,148	20.36	3,151
1941	4,856.00	4,090	4,902	585	24.06	24
1948	182.00	148	177	28	25.65	1
1969	8,840.00	6,285	7,533	2,457	29.90	82
1974	2,905.00	1,974	2,366	917	30.72	30
1982	5,935.00	3,694	4,427	2,279	31.80	72
1999	33,119.00	15,087	18,082	19,343	33.24	582

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
2000	1,178,870.00	522,139	625,781	706,342	33.29	21,218
2001	4,995,219.00	2,148,334	2,574,769	3,069,829	33.33	92,104
2013	69,192.96	15,749	18,875	59,313	33.70	1,760
2016	120,427.94	19,073	22,859	113,225	33.74	3,356
2019	259,631.43	20,223	24,237	269,146	33.77	7,970
2020	3,102,461.40	149,066	178,655	3,327,126	33.78	98,494
	10,908,629.73	3,914,919	4,692,013	7,634,739		228,844
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1919	2,490,958.00	2,273,359	2,724,610	90,172	19.00	4,746
1987	2,034,196.00	1,181,617	1,416,163	882,479	32.35	27,279
1988	820,098.00	469,138	562,260	364,451	32.44	11,235
1990	850,554.00	470,788	564,237	396,889	32.62	12,167
1993	27,123.00	14,203	17,022	13,627	32.86	415
1996	117,315.00	57,637	69,078	63,488	33.06	1,920
1997	215,565.00	103,428	123,958	119,630	33.12	3,612
1999	79,749.00	36,328	43,539	46,577	33.24	1,401
2001	5,153.00	2,216	2,656	3,167	33.33	95
2002	6,658,067.00	2,772,603	3,322,952	4,200,664	33.38	125,844
2016	328,354.75	52,005	62,328	308,713	33.74	9,150
2017	1,234,589.87	164,132	196,711	1,198,375	33.75	35,507
2020	157,572.88	7,571	9,074	168,984	33.78	5,002
	15,019,295.50	7,605,025	9,114,588	7,857,216		238,373
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
1925	2,863,324.72	2,495,631	2,991,002	158,655	20.36	7,792
1998	1,040,383.00	473,893	567,959	576,463	33.18	17,374
1999	916,715.71	406,501	487,190	521,198	33.24	15,680
2000	252,559.00	108,892	130,507	147,308	33.29	4,425
2001	52,611.00	22,026	26,398	31,474	33.33	944

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
2002	164,946.00	66,864	80,136	101,304	33.38	3,035
2005	6,975,803.00	2,531,679	3,034,206	4,639,178	33.49	138,524
2015	698,828.50	124,201	148,854	619,857	33.73	18,377
2017	2,766,687.69	358,051	429,122	2,614,234	33.75	77,459
2018	4,363,474.62	450,847	540,338	4,259,484	33.76	126,170
2019	5,991,417.62	454,287	544,461	6,046,098	33.77	179,038
2020	3,614,483.46	169,057	202,614	3,773,318	33.78	111,703
	29,701,234.32	7,661,929	9,182,787	23,488,571		700,521
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -108						
1907	853,426.00	1,483,366	1,775,126			
1985	1,202,700.00	1,324,255	1,588,854	912,762	32.14	28,400
1993	218,245.00	210,369	252,403	201,547	32.86	6,134
1997	157,091.00	138,738	166,459	160,290	33.12	4,840
1999	437,735.00	367,036	440,373	470,116	33.24	14,143
	2,869,197.00	3,523,764	4,223,215	1,744,715		53,517
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
1923	425,226.00	403,550	483,653	22,366	19.91	1,123
1997	842,162.84	425,523	509,988	492,186	33.12	14,861
2011	10,812.37	3,059	3,666	9,201	33.66	273
2016	228,004.44	38,029	45,578	225,748	33.74	6,691
2019	888,072.96	72,846	87,306	969,501	33.77	28,709
	2,394,278.61	943,007	1,130,190	1,719,002		51,657

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -8						
1954	1,487,407.62	1,262,582	1,513,199	93,201	17.33	5,378
1955	4,733.00	4,004	4,799	313	17.40	18
1956	925.00	780	935	64	17.48	4
1958	747.00	625	749	58	17.62	3
1959	107.00	89	107	9	17.69	1
1967	121.00	97	116	14	18.20	1
1987	199.00	138	165	50	19.01	3
1989	510,732.00	347,132	416,036	135,554	19.06	7,112
2017	1,032,822.38	210,641	252,452	862,996	19.33	44,645
2018	4,983,425.13	825,130	988,915	4,393,184	19.33	227,273
	8,021,219.13	2,651,218	3,177,473	5,485,444		284,438
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -17						
1952	794,540.15	735,537	881,538	48,074	17.18	2,798
1953	138.00	127	152	9	17.25	1
1954	2,944.00	2,707	3,244	200	17.33	12
1955	617.00	565	677	45	17.40	3
1958	963.00	873	1,046	80	17.62	5
1959	107.00	97	116	9	17.69	1
1962	194.00	173	207	20	17.89	1
1964	50.00	44	53	6	18.02	
1995	1,042,333.00	706,803	847,100	372,429	19.18	19,418
2019	3,752,000.79	502,725	602,514	3,787,327	19.33	195,930
	5,593,886.94	1,949,651	2,336,648	4,208,200		218,169
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1942	6,800,864.23	6,057,625	7,260,036	220,914	16.84	13,118
1949	836,355.00	729,994	874,895	45,096	17.48	2,580
1950	3,935.00	3,423	4,102	226	17.57	13
1955	271,757.00	232,375	278,500	20,432	17.99	1,136

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1958	2,205.00	1,864	2,234	192	18.22	11
1962	18.00	15	18	2	18.51	
1972	429.00	338	405	67	19.13	4
1974	2,285.00	1,780	2,133	380	19.23	20
1975	294,174.00	227,669	272,860	50,731	19.28	2,631
1977	1,253.00	956	1,146	233	19.37	12
1981	1,500.00	1,109	1,329	321	19.54	16
1986	38,997.00	27,529	32,993	9,903	19.70	503
1988	27,257.00	18,823	22,559	7,423	19.76	376
1994	30,923.00	19,718	23,632	10,383	19.89	522
1999	1,655,709.00	964,277	1,155,682	665,598	19.97	33,330
2000	66,959.00	38,160	45,735	27,920	19.98	1,397
2010	8,766.16	3,514	4,212	5,431	20.06	271
2011	52,232.26	19,741	23,659	33,796	20.06	1,685
2012	4,472.27	1,581	1,895	3,025	20.06	151
2013	153.51	50	60	109	20.07	5
2014	705,297.90	211,048	252,940	522,888	20.07	26,053
2015	4,586.06	1,234	1,479	3,566	20.07	178
2016	2,220.52	525	629	1,813	20.07	90
2017	138,858.82	27,965	33,516	119,229	20.08	5,938
2018	2,726,816.93	445,216	533,589	2,465,909	20.08	122,804
2019	849,963.77	103,519	124,067	810,893	20.08	40,383
2020	1,490,319.26	113,951	136,570	1,502,781	20.08	74,840
	16,018,307.69	9,253,999	11,090,876	6,529,262		328,067
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
1949	328,155.16	561,604	639,903			
1952	5,516.00	9,391	10,756			
1972	5,373.00	8,701	10,477			
2002	79,688.00	102,196	131,918	23,473	10.15	2,313
2015	344,531.53	261,962	338,150	333,686	10.17	32,811
	763,263.69	943,854	1,131,205	357,159		35,124

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -11						
1955	2,886,238.74	2,509,446	3,007,559	196,166	17.40	11,274
1956	115.00	100	120	8	17.48	
1958	852.00	733	878	67	17.62	4
1967	687.00	568	681	82	18.20	5
1987	916.00	654	784	233	19.01	12
1988	195,024.00	137,787	165,137	51,340	19.04	2,696
1989	48,761.00	34,062	40,823	13,302	19.06	698
2013	1,290,813.24	437,779	524,676	908,127	19.32	47,005
2019	7,767,925.98	987,437	1,183,439	7,438,959	19.33	384,840
	12,191,332.96	4,108,566	4,924,097	8,608,283		446,534
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1941	4,759,336.22	5,286,058	6,335,317	137,380	16.25	8,454
1942	58,486.00	64,793	77,654	1,887	16.34	115
2001	15,377.00	10,780	12,920	7,993	19.25	415
2020	1,781,346.94	174,454	209,082	2,213,550	19.33	114,514
	6,614,546.16	5,536,085	6,634,973	2,360,810		123,498
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
1950	343,712.76	424,254	508,466	24,289	17.02	1,427
1951	288,587.00	355,088	425,571	21,739	17.10	1,271
1954	1,542.00	1,879	2,252	138	17.33	8
1957	319.00	384	460	34	17.55	2
1993	185.00	171	205	82	19.14	4
2020	1,394,568.49	155,655	186,552	1,975,029	19.33	102,174
	2,028,914.25	937,431	1,123,506	2,021,311		104,886

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 332.00 RESERVOIRS, DAMS AND WATERWAYS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 100-S2.5						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -25						
1998	322,422.00	217,848	261,090	141,937	19.95	7,115
2002	2,146.00	1,324	1,587	1,096	20.00	55
	324,568.00	219,172	262,677	143,033		7,170
	991,983,575.96	389,659,374	467,004,992	606,169,888		17,674,429
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					34.3	1.78

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
1963	7,818,679.65	5,385,525	4,591,872	3,539,555	19.62	180,405
1976	160,582.00	103,847	88,543	78,462	21.14	3,712
1990	15,879.00	8,858	7,553	8,962	24.03	373
1993	186,015.00	98,332	83,841	109,615	24.91	4,400
2001	8,347,554.69	3,588,393	3,059,579	5,621,878	27.52	204,283
2005	9,670.05	3,574	3,047	7,010	28.79	243
2006	81,095.00	28,655	24,432	59,907	29.09	2,059
2008	36,196.44	11,549	9,847	27,797	29.67	937
2009	47,041.63	14,172	12,084	36,840	29.94	1,230
2010	103,767.38	29,321	25,000	82,918	30.21	2,745
2011	43,665.79	11,489	9,796	35,617	30.47	1,169
2012	73,327.92	17,824	15,197	61,064	30.72	1,988
2013	58,852.43	13,062	11,137	50,069	30.96	1,617
2014	27,493.66	5,500	4,689	23,904	31.20	766
2015	6,355.17	1,126	960	5,649	31.42	180
2016	12,530,567.59	1,921,407	1,638,253	11,393,537	31.63	360,213
2017	17,107,404.49	2,199,410	1,875,288	15,916,413	31.83	500,044
2018	115,536.93	11,840	10,095	110,063	32.02	3,437
2019	19,576,131.60	1,466,879	1,250,708	19,108,469	32.20	593,431
2020	280,208.78	12,907	11,005	280,412	32.37	8,663
2021	1,861,061.87	29,304	24,986	1,910,519	32.53	58,731
	68,487,087.07	14,962,974	12,757,912	58,468,659		1,930,626
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
1991	161,832,680.42	85,462,884	72,868,397	103,529,224	28.42	3,642,830
1998	234,266.00	104,150	88,802	166,548	31.46	5,294
1999	1,370,555.46	590,212	503,234	990,672	31.94	31,017
2005	958,712.00	325,798	277,786	767,210	34.79	22,053
2006	953,797.00	308,388	262,942	776,697	35.26	22,028
2007	566,264.00	173,497	147,929	469,299	35.73	13,135
2008	88,309.94	25,545	21,780	74,477	36.18	2,059
2009	36,614.00	9,939	8,474	31,435	36.64	858
2010	861.57	218	186	753	37.09	20
2011	4,537.85	1,064	907	4,039	37.53	108
2012	14,816.63	3,186	2,716	13,434	37.97	354

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
2013	2,673.87	522	445	2,469	38.40	64
2014	644,542.31	112,738	96,124	606,427	38.82	15,622
2015	1,774,667.46	272,710	232,521	1,701,866	39.24	43,371
2016	815,853.83	107,834	91,943	797,338	39.64	20,114
2017	583,992.81	64,056	54,616	581,936	40.04	14,534
2018	10,391,595.63	900,257	767,588	10,559,251	40.42	261,238
2019	180,321.63	11,308	9,642	186,909	40.79	4,582
2020	46,355,913.28	1,777,573	1,515,616	49,012,330	41.14	1,191,355
2021	51,667,592.79	670,744	571,898	55,745,778	41.48	1,343,919
	278,478,568.48	90,922,623	77,523,546	226,018,094		6,634,555
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1973	7,697,424.18	5,303,073	4,521,570	3,252,828	17.28	188,242
1975	2,603,012.13	1,775,497	1,513,846	1,115,197	17.46	63,872
1977	154,886.95	104,457	89,063	67,372	17.66	3,815
1991	61,986.00	36,519	31,137	31,469	19.73	1,595
1993	3,571,674.00	2,038,320	1,737,937	1,869,454	20.13	92,869
1994	2,941,011.34	1,649,861	1,406,724	1,563,697	20.33	76,916
1995	4,786,019.00	2,634,803	2,246,518	2,587,362	20.54	125,967
2000	1,877,075.00	922,215	786,310	1,109,536	21.59	51,391
2006	207,141.86	83,574	71,258	137,955	22.67	6,085
2007	21,863,791.39	8,445,867	7,201,217	14,881,212	22.83	651,827
2011	19,645,860.68	6,094,370	5,196,255	14,646,064	23.37	626,704
2014	498,850.13	120,337	102,603	401,235	23.71	16,923
2015	299,025.68	64,453	54,955	247,061	23.81	10,376
2016	1,299,665.56	244,838	208,757	1,103,905	23.90	46,188
2017	1,625,325.62	258,893	220,740	1,420,838	23.98	59,251
2018	570,669.45	73,200	62,413	513,963	24.06	21,362
2019	200,295.15	18,984	16,186	186,112	24.14	7,710
2020	186,466.83	10,987	9,368	178,964	24.21	7,392
2021	1,329,926.19	27,120	23,123	1,320,102	24.27	54,392
	71,420,107.14	29,907,368	25,499,982	46,634,326		2,112,877

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1999	211,958.73	109,006	92,942	125,375	21.38	5,864
2000	202,992.00	101,706	86,718	122,364	21.59	5,668
2004	20,726,417.00	9,194,247	7,839,310	13,508,900	22.34	604,696
2005	11,721,777.00	5,014,337	4,275,385	7,798,046	22.51	346,426
2010	345,890.62	116,592	99,410	256,857	23.25	11,048
2012	488,764.60	143,769	122,582	380,845	23.49	16,213
2014	35,752,927.32	8,795,406	7,499,245	29,326,270	23.71	1,236,873
2018	5,110,911.13	668,558	570,034	4,694,204	24.06	195,104
2019	63,788,749.42	6,165,514	5,256,915	60,445,497	24.14	2,503,956
2020	35,583,829.16	2,138,239	1,823,131	34,828,213	24.21	1,438,588
	173,934,216.98	32,447,374	27,665,672	151,486,571		6,364,436
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1916	11,428.72	10,307	8,788	4,126	12.11	341
1956	2,912.00	2,237	1,907	1,383	18.84	73
1987	4,418.00	2,798	2,386	2,607	23.24	112
1988	33,180.00	20,730	17,675	19,818	23.49	844
1990	192,454.00	116,646	99,456	118,017	24.03	4,911
1992	2,045,849.00	1,198,003	1,021,456	1,290,354	24.60	52,453
1997	5,760,893.19	3,023,286	2,577,751	3,932,059	26.19	150,136
1998	3,042,652.46	1,555,475	1,326,248	2,111,949	26.52	79,636
1999	3,510,625.00	1,744,372	1,487,308	2,479,699	26.86	92,319
2000	4,188,098.41	2,019,522	1,721,909	3,010,642	27.19	110,726
2002	2,423,080.00	1,093,589	932,429	1,805,651	27.85	64,835
2014	20,562.29	4,469	3,810	19,425	31.20	623
2015	303,117.04	58,338	49,741	292,781	31.42	9,318
2016	374,238.89	62,351	53,162	369,727	31.63	11,689
2017	198,687.14	27,755	23,665	200,852	31.83	6,310
2018	289,795.47	32,269	27,514	299,955	32.02	9,368
	22,401,991.61	10,972,147	9,355,205	15,959,046		593,694

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
1927	266,709.30	231,904	197,729	106,320	14.22	7,477
1984	29,918.00	19,819	16,898	17,208	22.55	763
1985	12,119.00	7,938	6,768	7,047	22.77	309
1993	105,672.00	61,232	52,208	68,258	24.91	2,740
1999	3,397,272.20	1,702,987	1,452,021	2,420,869	26.86	90,129
2000	4,043,062.64	1,966,838	1,676,989	2,932,102	27.19	107,838
2001	1,399,761.00	659,578	562,377	1,033,350	27.52	37,549
2002	2,630,358.00	1,197,644	1,021,150	1,977,458	27.85	71,004
2003	30,049.00	13,195	11,250	23,005	28.17	817
2017	15,216.27	2,144	1,828	15,519	31.83	488
2018	54,546.56	6,128	5,225	56,958	32.02	1,779
2021	4,804,233.12	82,919	70,699	5,406,126	32.53	166,189
	16,788,917.09	5,952,326	5,075,144	14,064,221		487,082
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -3						
2011	20,778,811.22	5,414,750	4,616,789	16,785,386	30.47	550,882
2020	1,564.89	71	61	1,551	32.37	48
	20,780,376.11	5,414,821	4,616,850	16,786,937		550,930
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
1915	77,702.24	75,338	64,236	29,784	11.92	2,499
1983	33,063.00	23,492	20,030	19,976	22.34	894
1993	736,479.00	452,957	386,206	504,934	24.91	20,270
1994	1,576,088.88	949,739	809,778	1,097,290	25.22	43,509
1995	3,669,278.40	2,163,306	1,844,504	2,595,323	25.54	101,618
1996	1,614,421.75	930,018	792,963	1,160,487	25.86	44,876
2009	26,969.50	9,453	8,060	24,573	29.94	821
2012	70,298.85	19,881	16,951	68,110	30.72	2,217
2013	1,016,499.55	262,487	223,805	1,006,160	30.96	32,499
2014	9,752.93	2,270	1,935	9,866	31.20	316

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
2015	1,696,041.53	349,532	298,022	1,754,188	31.42	55,830
2016	98,556.22	17,583	14,992	104,261	31.63	3,296
2021	26,988.77	494	421	32,235	32.53	991
	10,652,140.62	5,256,550	4,481,903	8,407,187		309,636
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -16						
1923	439,656.00	395,516	337,230	172,771	13.46	12,836
1983	46,999.00	32,014	27,296	27,223	22.34	1,219
1988	3,476.00	2,229	1,901	2,132	23.49	91
1990	52,459.00	32,639	27,829	33,023	24.03	1,374
2002	42,515.00	19,697	16,794	32,523	27.85	1,168
2003	4,590,375.00	2,051,126	1,748,856	3,575,979	28.17	126,943
2005	10,038,734.36	4,138,027	3,528,214	8,116,717	28.79	281,928
2006	860,261.00	339,047	289,082	708,820	29.09	24,366
2008	73,263.45	26,072	22,230	62,756	29.67	2,115
2010	59,402.44	18,722	15,963	52,944	30.21	1,753
2015	71,914.05	14,208	12,114	71,306	31.42	2,269
2018	27,496.31	3,143	2,680	29,216	32.02	912
	16,306,551.61	7,072,440	6,030,189	12,885,411		456,974
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
1956	191.00	176	150	70	11.24	6
1974	22,568.58	19,897	16,965	8,989	11.78	763
1994	28,098.00	21,467	18,303	14,009	13.11	1,069
2006	4,149,431.99	2,489,854	2,122,930	2,648,917	13.94	190,023
2007	5,031,155.99	2,921,612	2,491,060	3,294,769	13.98	235,677

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
2016	301,736.17	96,455	82,241	264,756	14.26	18,566
2020	1,403,179.03	152,813	130,293	1,483,363	14.34	103,442
2021	1,272,531.80	49,244	41,987	1,421,425	14.36	98,985
	12,208,892.56	5,751,518	4,903,929	9,136,297		648,531
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -7						
1983	28,027.00	17,610	15,015	14,974	22.34	670
1987	35,182.00	21,100	17,991	19,654	23.24	846
1990	3,849.00	2,209	1,883	2,235	24.03	93
1997	3,237,125.39	1,608,623	1,371,564	2,092,161	26.19	79,884
1999	3,317,818.29	1,561,035	1,330,989	2,219,077	26.86	82,616
2000	672,746.00	307,177	261,909	457,929	27.19	16,842
2013	6,357,034.25	1,451,621	1,237,699	5,564,328	30.96	179,726
2014	4,765.00	981	836	4,262	31.20	137
2016	79,044.93	12,470	10,632	73,946	31.63	2,338
2017	3,106,117.98	410,857	350,310	2,973,236	31.83	93,410
2018	1,076,800.98	113,536	96,804	1,055,373	32.02	32,960
2019	368,996.19	28,447	24,255	370,571	32.20	11,508
2020	207,253.60	9,822	8,375	213,387	32.37	6,592
	18,494,760.61	5,545,488	4,728,261	15,061,133		507,622
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1954	789.00	610	520	371	18.60	20
1982	6,804.00	4,560	3,888	3,801	22.14	172
1983	29,158.38	19,348	16,497	16,452	22.34	736
1985	16,297.00	10,581	9,022	9,394	22.77	413
2000	4,197,927.82	2,024,261	1,725,950	3,017,708	27.19	110,986
2002	1,911,423.45	862,667	735,538	1,424,371	27.85	51,144
2013	9,960,823.20	2,402,085	2,048,095	9,207,635	30.96	297,404
2014	34,575.00	7,515	6,408	32,662	31.20	1,047

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
2016	50,890.24	8,479	7,229	50,277	31.63	1,590
2018	44,917.29	5,002	4,265	46,492	32.02	1,452
2019	408,024.09	33,220	28,324	432,743	32.20	13,439
2020	717,160.88	35,892	30,603	779,789	32.37	24,090
	17,378,790.35	5,414,220	4,616,338	15,021,695		502,493
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1919	316,879.85	282,256	240,661	117,414	12.70	9,245
1990	33,029.00	20,019	17,069	20,254	24.03	843
1991	397,087.00	236,694	201,813	246,895	24.31	10,156
1995	29,147.00	16,048	13,683	19,253	25.54	754
1996	4,276,425.80	2,300,639	1,961,599	2,870,762	25.86	111,012
1997	4,278,660.82	2,245,418	1,914,515	2,920,371	26.19	111,507
1999	3,675,870.66	1,826,480	1,557,316	2,596,418	26.86	96,665
2000	5,114.00	2,466	2,103	3,676	27.19	135
2001	7,838,988.00	3,661,389	3,121,818	5,736,239	27.52	208,439
2015	24,539.44	4,723	4,027	23,703	31.42	754
2016	191,764.61	31,949	27,241	189,453	31.63	5,990
2017	113,158.49	15,807	13,478	114,392	31.83	3,594
2018	2,563,832.39	285,483	243,412	2,653,719	32.02	82,877
2019	359,363.29	29,258	24,946	381,134	32.20	11,836
	24,103,860.35	10,958,629	9,343,679	17,893,683		653,807
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
1993	15,866.96	8,872	7,565	9,889	24.91	397
1997	9,931,526.86	5,073,640	4,325,948	6,598,731	26.19	251,956
1998	2,072,943.00	1,031,602	879,577	1,400,660	26.52	52,815
2000	3,677,535.00	1,726,246	1,471,853	2,573,436	27.19	94,646
2008	101,404.19	34,220	29,177	82,368	29.67	2,776
2010	15,221.03	4,549	3,879	12,865	30.21	426

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
2017	107,465.10	14,613	12,460	105,752	31.83	3,322
2019	7,276.79	577	492	7,513	32.20	233
2020	13,441,995.64	654,881	558,373	14,227,823	32.37	439,537
2021	1,184,966.92	19,734	16,826	1,286,638	32.53	39,552
	30,556,201.49	8,568,934	7,306,148	26,305,674		885,660
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -108						
1907	323,601.00	556,868	474,804	198,287	10.36	19,140
1993	3,919,175.35	4,143,521	3,532,899	4,618,986	24.91	185,427
1994	37,550.00	38,897	33,165	44,939	25.22	1,782
1995	287,917.71	291,799	248,797	350,072	25.54	13,707
1997	221,537.00	214,003	182,466	278,331	26.19	10,627
2002	240,655.00	199,925	170,462	330,100	27.85	11,853
2011	91,155.19	47,970	40,901	148,702	30.47	4,880
2016	169,030.09	51,837	44,198	307,385	31.63	9,718
2019	613.97	92	78	1,199	32.20	37
2020	1,883.35	174	148	3,769	32.37	116
2021	20,999.96	661	564	43,116	32.53	1,325
	5,314,118.62	5,545,747	4,728,482	6,324,885		258,612
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
1992	63,502.00	39,160	33,389	42,178	24.60	1,715
1996	6,762,964.98	3,831,538	3,266,892	4,781,036	25.86	184,882
1997	2,784,072.97	1,538,645	1,311,898	2,001,149	26.19	76,409
2008	132,613.43	48,413	41,278	116,532	29.67	3,928
2012	700,512.21	194,831	166,119	667,490	30.72	21,728
2013	1,245,573.22	316,323	269,707	1,212,525	30.96	39,164

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
2015	118,041.00	23,925	20,399	120,070	31.42	3,821
2019	112,415.82	9,638	8,218	125,557	32.20	3,899
2021	41,018.74	739	630	48,182	32.53	1,481
	11,960,714.37	6,003,212	5,118,531	9,114,719		337,027
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -8						
2001	28,921.00	16,430	14,009	17,226	17.77	969
2017	6,281,183.72	1,295,547	1,104,625	5,679,053	19.02	298,583
	6,310,104.72	1,311,977	1,118,634	5,696,279		299,552
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -17						
1952	120,359.23	107,491	91,650	49,170	13.64	3,605
1953	34,864.00	31,076	26,496	14,294	13.69	1,044
1954	1,542.00	1,372	1,170	634	13.74	46
1955	72.00	64	55	30	13.79	2
1956	58.00	51	43	24	13.84	2
1957	260.00	230	196	108	13.89	8
1963	66.00	58	49	28	14.15	2
1968	1,102.00	948	808	481	14.38	33
1969	703.00	603	514	308	14.43	21
1988	1,037.00	792	675	538	16.01	34
1992	1,078.00	784	668	593	16.54	36
2000	15,299.00	9,640	8,219	9,680	17.65	548
2001	31,778.00	19,557	16,675	20,505	17.77	1,154
2005	19,109.00	10,484	8,939	13,419	18.21	737
2013	2,858,058.11	1,034,478	882,029	2,461,899	18.82	130,813
2015	264,963.79	78,996	67,355	242,653	18.92	12,825
2021	36,568.91	1,088	928	41,858	19.17	2,184
	3,386,918.04	1,297,712	1,106,471	2,856,223		153,094

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1942	412,612.32	351,375	299,594	154,280	13.29	11,609
1943	4,322.00	3,672	3,131	1,623	13.37	121
1958	900.00	741	632	358	14.29	25
1970	1,527.00	1,216	1,037	643	14.87	43
1975	105.00	82	70	46	15.19	3
1982	2,376.00	1,780	1,518	1,096	15.79	69
1987	106,772.00	76,602	65,313	52,136	16.36	3,187
1988	1,553.00	1,103	940	768	16.49	47
1991	176,846.00	121,163	103,307	91,223	16.90	5,398
1992	40,300.53	27,234	23,221	21,110	17.05	1,238
2000	33,380.34	19,471	16,602	20,117	18.23	1,104
2001	56,109.00	31,930	27,225	34,495	18.37	1,878
2003	1,967,281.00	1,060,364	904,100	1,259,909	18.62	67,664
2010	354,329.65	144,251	122,993	266,770	19.30	13,822
2012	5,905.00	2,119	1,807	4,689	19.44	241
2013	145,532.16	48,301	41,183	118,902	19.51	6,094
2015	60,541.45	16,515	14,081	52,514	19.62	2,677
2016	38,066.56	9,120	7,776	34,097	19.68	1,733
2017	59,520.44	12,137	10,348	55,124	19.73	2,794
2018	32.03	5	4	31	19.78	2
2019	236,764.96	29,172	24,873	235,568	19.82	11,885
2020	26,468.77	2,045	1,744	27,372	19.86	1,378
2021	144,841.57	3,907	3,331	155,994	19.89	7,843
	3,876,086.78	1,964,305	1,674,829	2,588,866		140,855
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
1949	34,302.00	56,949	48,556	18,333	8.41	2,180
1950	501.00	831	709	268	8.43	32
1979	196.00	308	263	120	8.97	13
1980	279.00	436	372	172	9.00	19
1988	421.00	632	539	282	9.30	30
1994	2,442.00	3,488	2,974	1,788	9.57	187
	38,141.00	62,644	53,412	20,963		2,461

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -11						
1955	39,813.35	33,530	28,589	15,604	13.79	1,132
1956	137.00	115	98	54	13.84	4
1957	65.00	55	47	25	13.89	2
1959	7,245.00	6,049	5,158	2,884	13.98	206
1960	125.00	104	89	50	14.02	4
1988	464.00	336	286	229	16.01	14
1992	5,925.00	4,090	3,487	3,089	16.54	187
2000	2,653.00	1,586	1,352	1,593	17.65	90
2001	38,666.00	22,576	19,249	23,670	17.77	1,332
2010	25,141.31	10,559	9,003	18,904	18.63	1,015
2015	268,709.74	76,005	64,804	233,463	18.92	12,339
2019	477,548.71	61,351	52,310	477,769	19.10	25,014
2021	10,019,919.20	282,724	241,060	10,881,051	19.17	567,608
	10,886,412.31	499,080	425,532	11,658,386		608,947
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1941	389,547.00	413,512	352,573	177,211	12.92	13,716
1942	1,784.00	1,890	1,611	815	13.00	63
1943	2,286.00	2,417	2,061	1,048	13.07	80
1958	500.00	513	437	243	13.93	17
1960	255.00	260	222	125	14.02	9
1968	130.00	130	111	66	14.38	5
1988	1,036.00	920	784	625	16.01	39
1990	1,163.00	1,009	860	721	16.27	44
1993	11,241.00	9,375	7,993	7,294	16.68	437
1994	144.00	118	101	95	16.82	6
2000	12,546.00	9,189	7,835	9,228	17.65	523
	420,632.00	439,333	374,589	197,471		14,939

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 333.00 WATER WHEELS, TURBINES AND GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 60-L2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
1951	129,556.00	153,607	130,971	69,841	13.58	5,143
1953	70.00	83	71	38	13.69	3
1955	71.00	83	71	39	13.79	3
1957	47.00	55	47	26	13.89	2
1959	43.00	50	43	24	13.98	2
1970	1,049.00	1,187	1,012	614	14.48	42
1971	278.00	314	268	163	14.53	11
1988	1,038.00	1,050	895	714	16.01	45
2000	5,302.00	4,426	3,774	4,444	17.65	252
2018	112,944.87	27,160	23,158	151,907	19.06	7,970
	250,398.87	188,015	160,308	227,810		13,473
	824,435,988.78	256,459,437	218,665,546	672,814,536		24,467,883

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 27.5 2.97

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
1963	390,157.39	278,881	243,964	161,800	18.54	8,727
1973	1,538.00	1,011	884	715	21.32	34
1974	3,173.00	2,066	1,807	1,493	21.59	69
1981	437,730.00	265,049	231,864	223,375	23.40	9,546
1988	22,778.00	12,580	11,005	12,684	25.15	504
1992	245,952.00	127,181	111,257	144,533	26.12	5,533
1996	97,693.00	46,606	40,771	60,830	27.08	2,246
2001	1,367,854.00	573,053	501,304	921,264	28.24	32,623
2007	42,650.04	14,187	12,411	31,945	29.60	1,079
2008	47,817.30	15,114	13,222	36,508	29.82	1,224
2009	34,678.70	10,365	9,067	26,999	30.03	899
2010	14,529.64	4,080	3,569	11,542	30.25	382
2011	367,622.86	96,331	84,270	298,058	30.46	9,785
2012	98,079.79	23,753	20,779	81,224	30.67	2,648
2013	147,381.39	32,663	28,573	124,703	30.87	4,040
2015	733,507.88	130,111	113,821	649,028	31.27	20,756
2016	1,842,427.13	283,376	247,896	1,668,228	31.46	53,027
2017	2,469,957.15	318,603	278,713	2,290,043	31.64	72,378
2019	4,122,844.69	309,533	270,778	4,016,980	32.00	125,531
2020	490,381.85	22,725	19,880	490,117	32.16	15,240
	12,978,753.81	2,567,268	2,245,835	11,252,069		366,271
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
1991	52,536,579.28	26,331,533	23,034,708	34,230,164	30.52	1,121,565
1994	96,167.00	45,147	39,494	65,328	31.67	2,063
1999	99,180.00	40,781	35,675	72,431	33.58	2,157
2000	1,822,647.80	726,313	635,375	1,351,311	33.96	39,791
2002	78,109.35	29,058	25,420	59,719	34.72	1,720
2005	55,510.00	18,276	15,988	44,518	35.86	1,241
2007	21,535.00	6,426	5,621	17,852	36.61	488
2009	67,081.72	17,799	15,570	57,549	37.36	1,540
2010	85,394.69	21,189	18,536	74,544	37.73	1,976
2011	710,399.31	163,555	143,077	631,258	38.09	16,573
2012	97,921.03	20,730	18,135	88,599	38.46	2,304
2013	105,961.35	20,405	17,850	97,648	38.82	2,515

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
2014	215,018.50	37,157	32,505	201,865	39.17	5,154
2015	82,051.54	12,499	10,934	78,502	39.52	1,986
2016	1,187,280.31	155,659	136,170	1,157,966	39.86	29,051
2018	304,956.87	26,353	23,053	309,350	40.53	7,633
2020	79,663.40	3,052	2,670	84,163	41.17	2,044
2021	222,808.79	2,892	2,530	240,332	41.47	5,795
	57,868,265.94	27,678,824	24,213,312	38,863,098		1,245,596
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1973	2,741,937.13	1,876,267	1,641,350	1,128,007	17.95	62,842
1975	1,216,221.43	820,265	717,564	510,820	18.28	27,944
1977	1,257.00	835	730	539	18.59	29
1984	33,745.00	21,051	18,415	15,667	19.66	797
1986	149,183.00	91,092	79,687	70,988	19.95	3,558
1987	73,553.00	44,410	38,850	35,439	20.09	1,764
1988	22,997.00	13,716	11,999	11,228	20.24	555
1990	128,744.00	74,834	65,464	64,567	20.52	3,147
1994	61,070.00	33,422	29,237	32,443	21.07	1,540
1995	39,559.00	21,276	18,612	21,342	21.21	1,006
2000	3,853,979.38	1,867,086	1,633,318	2,259,201	21.87	103,301
2001	15,990.00	7,551	6,606	9,544	22.00	434
2007	36,521.00	14,077	12,314	24,572	22.75	1,080
2008	53,786.01	19,804	17,324	36,999	22.87	1,618
2009	115,726.02	40,534	35,459	81,424	22.98	3,543
2012	231,163.48	66,870	58,498	174,978	23.32	7,503
2015	60,250.06	13,044	11,411	49,442	23.64	2,091
2016	321,924.92	60,799	53,187	271,957	23.74	11,456
2017	3,014,874.96	481,875	421,542	2,623,482	23.83	110,092
2018	1,149,114.24	147,780	129,277	1,031,328	23.92	43,116
2019	1,208,898.25	114,724	100,360	1,120,627	24.01	46,673
2020	4,914,869.77	289,154	252,951	4,711,068	24.09	195,561
	19,445,364.65	6,120,466	5,354,156	14,285,662		629,650

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
2000	463,134.15	228,811	200,163	276,865	21.87	12,660
2001	217,822.00	104,902	91,768	132,589	22.00	6,027
2002	11,133,353.00	5,215,238	4,562,267	6,905,087	22.13	312,024
2004	592,630.00	261,115	228,422	381,987	22.38	17,068
2005	444,872.00	189,382	165,671	292,548	22.50	13,002
2007	316,728.00	124,499	108,911	217,319	22.75	9,552
2010	117,450.10	39,620	34,659	86,314	23.10	3,737
2015	251,400.73	55,507	48,557	210,385	23.64	8,900
2018	399,316.68	52,370	45,813	365,483	23.92	15,279
2019	184,721.17	17,877	15,639	174,624	24.01	7,273
2020	62,555.50	3,753	3,283	61,149	24.09	2,538
	14,183,983.33	6,293,074	5,505,153	9,104,350		408,060
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1916	13,148.13	13,884	12,146	2,712	3.93	690
1954	2,663.00	2,213	1,936	1,073	15.82	68
1961	23,072.00	18,201	15,922	10,149	17.95	565
1972	740.00	533	466	370	21.05	18
1973	17,211.64	12,290	10,751	8,698	21.32	408
1975	1,245.00	872	763	644	21.85	29
1986	4,140.00	2,557	2,237	2,441	24.66	99
1991	1,467.00	839	734	924	25.88	36
1992	305,435.02	171,608	150,122	195,020	26.12	7,466
1996	315,150.00	163,359	142,906	213,214	27.08	7,873
1997	2,035,292.00	1,031,243	902,127	1,397,753	27.31	51,181
1998	122,386.00	60,509	52,933	85,363	27.55	3,098
1999	207,678.00	100,064	87,536	147,141	27.78	5,297
2000	306,155.00	143,526	125,556	220,399	28.01	7,869
2002	428,073.00	188,826	165,184	318,538	28.47	11,189
2008	34,245.16	11,761	10,288	28,409	29.82	953
2014	46,670.31	10,145	8,875	43,863	31.07	1,412
2015	101,857.13	19,631	17,173	97,925	31.27	3,132
2016	356,699.96	59,610	52,147	350,924	31.46	11,155

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
2017	51,889.22	7,272	6,362	52,273	31.64	1,652
2018	76,958.37	8,595	7,519	79,444	31.82	2,497
2019	111,682.99	9,111	7,970	118,232	32.00	3,695
	4,563,858.93	2,036,649	1,781,652	3,375,509		120,382
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
1986	2,484.00	1,548	1,354	1,478	24.66	60
1999	1,996,937.51	970,681	849,147	1,427,361	27.78	51,381
2000	528,992.00	250,188	218,863	384,188	28.01	13,716
2001	22,500.00	10,333	9,039	16,611	28.24	588
2002	468,000.00	208,265	182,189	351,331	28.47	12,340
2010	24,830.66	7,644	6,687	21,620	30.25	715
2012	37,278.21	9,896	8,657	33,840	30.67	1,103
2015	125,670.07	24,435	21,376	121,888	31.27	3,898
2016	241,471.05	40,711	35,614	239,663	31.46	7,618
2021	303,141.21	5,263	4,604	340,977	32.32	10,550
	3,751,304.71	1,528,964	1,337,531	2,938,956		101,969
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -3						
2011	7,333,911.72	1,903,288	1,664,988	5,888,942	30.46	193,334
2014	49,537.98	9,815	8,586	42,438	31.07	1,366
2019	53,356.43	3,967	3,470	51,487	32.00	1,609
	7,436,806.13	1,917,070	1,677,044	5,982,866		196,309

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
1915	38,730.69	44,013	38,502	8,362	3.65	2,291
1973	2,166.00	1,656	1,449	1,172	21.32	55
1983	6,218.00	4,277	3,742	3,782	23.91	158
1986	2,509.00	1,659	1,451	1,585	24.66	64
1992	1,412.00	849	743	966	26.12	37
1995	1,511,852.06	857,650	750,269	1,079,072	26.84	40,204
1996	280,045.00	155,439	135,977	202,877	27.08	7,492
2010	26,691.99	8,721	7,629	24,668	30.25	815
2012	109,995.16	30,994	27,113	105,981	30.67	3,456
2014	44,589.71	10,379	9,080	44,874	31.07	1,444
2016	70,994.79	12,704	11,113	74,790	31.46	2,377
	2,095,204.40	1,128,341	987,068	1,548,129		58,393
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -16						
1923	86,911.38	90,819	79,448	21,369	5.95	3,591
1974	16,294.00	11,831	10,350	8,551	21.59	396
1983	8,720.00	5,750	5,030	5,085	23.91	213
1984	2,417.00	1,574	1,377	1,427	24.16	59
1986	3,345.00	2,121	1,855	2,025	24.66	82
1993	750.00	425	372	498	26.36	19
2000	94,440.00	45,449	39,759	69,792	28.01	2,492
2002	8,282.00	3,750	3,280	6,327	28.47	222
2003	1,207,872.00	528,661	462,470	938,661	28.70	32,706
2005	538,387.00	218,441	191,091	433,438	29.15	14,869
2006	535,168.00	207,960	181,923	438,872	29.38	14,938
2014	69,943.19	15,607	13,653	67,481	31.07	2,172
2015	87,049.71	17,223	15,067	85,911	31.27	2,747
2018	7,268.00	833	729	7,702	31.82	242
2019	215,597.72	18,054	15,794	234,300	32.00	7,322
2020	101,516.90	5,247	4,590	113,170	32.16	3,519
2021	170,933.16	3,020	2,642	195,641	32.32	6,053
	3,154,895.06	1,176,765	1,029,429	2,630,249		91,642

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
1910	25,850.34	28,603	25,022	4,706	2.27	2,073
1944	1,083.00	1,043	912	333	9.62	35
1947	507.00	484	423	160	9.97	16
1963	9,089.67	8,302	7,263	3,191	11.44	279
1973	5,507.00	4,848	4,241	2,092	12.14	172
1991	40,577.00	31,737	27,763	18,900	13.16	1,436
2001	6,820.00	4,631	4,051	3,792	13.64	278
2006	163,505.00	98,167	85,876	102,155	13.85	7,376
2007	162,587.00	94,452	82,626	104,349	13.90	7,507
2016	308,339.50	98,636	86,286	268,304	14.22	18,868
2019	71,937.35	12,311	10,770	71,958	14.30	5,032
2021	24,833.89	962	842	27,717	14.34	1,933
	820,636.75	384,176	336,075	607,657		45,005
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -7						
1983	16,249.00	9,883	8,646	8,741	23.91	366
1986	253,644.25	148,325	129,754	141,645	24.66	5,744
1997	1,965,528.83	943,016	824,946	1,278,169	27.31	46,802
1999	739,402.06	337,343	295,106	496,054	27.78	17,857
2000	144,751.00	64,257	56,212	98,672	28.01	3,523
2010	31,579.98	9,124	7,982	25,809	30.25	853
2011	42,258.25	11,393	9,967	35,250	30.46	1,157
2013	26,665.46	6,080	5,319	23,213	30.87	752
2017	74,246.31	9,853	8,619	70,824	31.64	2,238
2018	491,978.82	52,031	45,517	480,901	31.82	15,113
2019	118,190.97	9,129	7,986	118,478	32.00	3,702
	3,904,494.93	1,600,434	1,400,053	2,777,757		98,107

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1925	47,619.00	47,944	41,941	11,868	6.54	1,815
1983	15,571.00	10,001	8,749	8,846	23.91	370
1985	134,967.98	84,491	73,912	78,601	24.41	3,220
1986	2,509.00	1,549	1,355	1,480	24.66	60
2000	1,391,122.95	652,163	570,509	1,001,460	28.01	35,754
2002	479,773.00	211,631	185,134	357,010	28.47	12,540
2005	35,371.00	13,980	12,230	27,740	29.15	952
2009	8,903.19	2,891	2,529	7,532	30.03	251
2010	8,602.58	2,625	2,296	7,425	30.25	245
2012	27,369.59	7,202	6,300	24,627	30.67	803
2013	41,987.11	10,111	8,845	38,600	30.87	1,250
2019	161,256.88	13,154	11,507	170,713	32.00	5,335
	2,355,053.28	1,057,742	925,308	1,735,902		62,595
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1996	1,950,482.41	1,011,040	884,453	1,319,592	27.08	48,729
1997	435,892.76	220,858	193,206	299,353	27.31	10,961
1999	445,571.00	214,685	187,805	315,690	27.78	11,364
2001	822,656.00	374,471	327,586	602,016	28.24	21,318
2008	34,980.12	12,013	10,509	29,019	29.82	973
2010	42,337.29	12,919	11,301	36,540	30.25	1,208
2013	7,161.99	1,725	1,509	6,584	30.87	213
2014	145,084.44	31,537	27,588	136,357	31.07	4,389
2015	129,403.62	24,940	21,817	124,409	31.27	3,979
2017	21,342.14	2,991	2,617	21,500	31.64	680
2018	1,249,374.53	139,542	122,071	1,289,723	31.82	40,532
2019	37,735.27	3,078	2,693	39,948	32.00	1,248
	5,322,021.57	2,049,799	1,793,155	4,220,729		145,594

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
1925	85,597.43	83,894	73,390	20,767	6.54	3,175
1980	147,616.09	95,598	83,629	78,749	23.15	3,402
1986	6,923.00	4,162	3,641	3,974	24.66	161
1997	1,857,082.99	915,967	801,284	1,241,507	27.31	45,460
1998	718,495.08	345,799	302,503	487,841	27.55	17,707
2000	389,689.00	177,837	155,571	273,087	28.01	9,750
2008	21,276.22	7,113	6,222	17,181	29.82	576
2010	63,730.76	18,930	16,560	53,544	30.25	1,770
2015	66,857.61	12,544	10,973	62,570	31.27	2,001
2016	533,157.76	86,734	75,875	510,599	31.46	16,230
2020	72,556.91	3,556	3,111	76,702	32.16	2,385
	3,962,982.85	1,752,134	1,532,759	2,826,522		102,617
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -108						
1907	89,180.00	180,981	158,321	27,173	1.46	18,612
1987	590,012.76	661,438	578,623	648,603	24.90	26,048
2002	7,592.75	6,165	5,393	10,400	28.47	365
2004	84,194.00	63,703	55,727	119,396	28.93	4,127
2014	20,321.38	8,131	7,113	35,156	31.07	1,132
2020	97,621.37	9,048	7,915	195,137	32.16	6,068
	888,922.26	929,466	813,093	1,035,865		56,352
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
1991	625,451.98	376,617	329,463	414,825	25.88	16,029
1996	2,005,665.00	1,094,846	957,766	1,428,975	27.08	52,769
1997	319,304.00	170,376	149,044	230,928	27.31	8,456
2006	23,189.00	9,244	8,087	19,508	29.38	664
2007	23,168.62	8,818	7,714	19,857	29.60	671
2008	34,889.62	12,618	11,038	30,480	29.82	1,022
2010	19,151.17	6,154	5,383	17,406	30.25	575

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
2012	770,638.83	213,556	186,818	730,242	30.67	23,810
2019	22,424.63	1,926	1,685	25,000	32.00	781
2020	14,423.14	765	669	16,494	32.16	513
	3,858,305.99	1,894,920	1,657,667	2,933,717		105,290
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -8						
1954	41,690.90	35,193	30,787	14,239	12.81	1,112
1961	582.00	478	418	210	13.79	15
1992	1,716.00	1,132	990	863	17.06	51
1993	20,540.00	13,378	11,703	10,480	17.14	611
1994	9,800.00	6,292	5,504	5,080	17.23	295
1996	3,323.00	2,069	1,810	1,779	17.40	102
2003	23,499.00	12,611	11,032	14,347	17.97	798
2011	5,920.92	2,289	2,002	4,392	18.56	237
2017	3,610.84	748	654	3,245	18.93	171
2020	158,000.95	12,438	10,881	159,760	19.08	8,373
2021	34,782.91	957	837	36,728	19.12	1,921
	303,466.52	87,585	76,619	251,125		13,686
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -17						
1952	28,347.30	26,130	22,858	10,308	12.50	825
2002	12,632.00	7,535	6,592	8,188	17.90	457
2003	39,074.00	22,717	19,873	25,844	17.97	1,438
2012	13,512.06	5,294	4,631	11,178	18.63	600
2013	5,833.07	2,120	1,855	4,970	18.69	266
2020	273,237.27	23,302	20,385	299,303	19.08	15,687
	372,635.70	87,098	76,193	359,791		19,273

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1960	844.00	704	616	313	13.97	22
1963	1,956.00	1,610	1,408	743	14.39	52
1966	244.00	198	173	95	14.78	6
1988	1,833.00	1,275	1,115	901	17.23	52
1991	1,409.00	946	828	722	17.52	41
1992	12,868.57	8,535	7,466	6,689	17.61	380
1993	5,493.00	3,594	3,144	2,898	17.70	164
1997	31,989.81	19,642	17,183	18,006	18.07	996
2000	637,319.00	368,563	322,417	378,634	18.34	20,645
2001	163,533.00	92,411	80,841	99,046	18.43	5,374
2002	35,836.00	19,763	17,289	22,131	18.51	1,196
2003	166,110.00	89,148	77,986	104,735	18.60	5,631
2007	240,461.00	112,913	98,776	165,731	18.93	8,755
2012	167,371.23	60,150	52,619	131,489	19.31	6,809
2013	23,615.55	7,861	6,877	19,100	19.38	986
2017	535,403.73	109,632	95,906	493,039	19.63	25,117
2018	33,896.68	5,614	4,911	32,375	19.69	1,644
2020	249,892.15	19,368	16,943	257,938	19.79	13,034
2021	559,964.78	15,140	13,244	602,717	19.84	30,379
	2,870,040.50	937,067	819,742	2,337,303		121,283
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
1949	6,318.28	10,621	9,291	3,029	8.00	379
1950	124.00	208	182	60	8.06	7
1955	308.00	512	448	153	8.32	18
1961	402.00	661	578	206	8.60	24
1986	25,607.00	38,634	33,797	16,137	9.43	1,711
1990	7,253.00	10,660	9,325	4,818	9.54	505
1992	1,154.00	1,670	1,461	789	9.59	82
1993	3,623.00	5,197	4,546	2,519	9.62	262
1996	231.00	322	282	169	9.69	17
1997	103,038.00	141,983	124,206	76,718	9.71	7,901
2000	5,261.00	6,968	6,096	4,163	9.79	425

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
2002	12,632.00	16,213	14,183	10,449	9.83	1,063
2003	5,577.00	7,030	6,150	4,725	9.85	480
2013	11,757.03	10,465	9,155	13,771	10.05	1,370
	183,285.31	251,144	219,700	137,706		14,244
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -11						
1955	47,413.72	40,981	35,850	16,779	12.95	1,296
1961	586.00	494	432	218	13.79	16
1966	566.00	467	409	220	14.41	15
1973	476.00	379	332	197	15.21	13
1992	8,361.00	5,670	4,960	4,321	17.06	253
1993	14,512.00	9,714	8,498	7,611	17.14	444
1994	29,604.00	19,535	17,089	15,771	17.23	915
2001	11,124.00	6,450	5,642	6,705	17.82	376
2002	7,713.00	4,365	3,818	4,743	17.90	265
2007	51,493.00	24,899	21,782	35,376	18.28	1,935
2010	16,839.44	7,090	6,202	12,489	18.49	675
2013	6,117.70	2,109	1,845	4,946	18.69	265
2020	102,951.70	8,330	7,287	106,989	19.08	5,607
2021	2,859,322.34	80,870	70,745	3,103,103	19.12	162,296
	3,157,079.90	211,353	184,891	3,319,468		174,371
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1941	42,186.12	47,275	41,356	16,017	10.52	1,523
1951	230.00	247	216	97	12.34	8
1952	134.00	144	126	56	12.50	4
1955	321.00	340	297	139	12.95	11
1963	1,789.00	1,833	1,603	830	14.04	59
1966	372.00	376	329	177	14.41	12
1969	221.00	220	192	108	14.77	7

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1972	646.00	634	555	324	15.10	21
1973	205.00	200	175	104	15.21	7
1980	777.00	725	634	422	15.94	26
1987	10,313.00	9,069	7,934	6,092	16.61	367
1988	731.00	636	556	438	16.70	26
1989	297,669.82	256,359	224,262	180,569	16.79	10,755
1991	8,183.00	6,886	6,024	5,105	16.97	301
1992	266,133.00	221,128	193,442	168,499	17.06	9,877
1993	21,079.00	17,288	15,123	13,544	17.14	790
1994	17,949.00	14,512	12,695	11,716	17.23	680
2000	847,297.58	615,941	538,822	613,503	17.73	34,603
2002	18,158.00	12,591	11,015	13,680	17.90	764
2003	120,033.00	81,120	70,963	92,282	17.97	5,135
2008	4,337.18	2,467	2,158	3,740	18.35	204
2015	121,959.92	42,385	37,078	128,787	18.82	6,843
2016	281,105.41	85,881	75,128	307,175	18.88	16,270
2018	69,809.59	14,781	12,930	82,011	18.98	4,321
2021	404,516.25	14,018	12,263	537,879	19.12	28,132
	2,536,155.87	1,447,056	1,265,877	2,183,295		120,746
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
1950	350.00	431	377	165	12.18	14
1951	1,858.00	2,278	1,993	887	12.34	72
1982	650.00	681	596	412	16.13	26
1992	544.00	515	451	393	17.06	23
1996	197,296.00	176,280	154,209	151,600	17.40	8,713
2003	18,740.00	14,434	12,627	16,420	17.97	914

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 334.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 60-S1						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
2009	14,158.23	8,765	7,668	14,278	18.42	775
2019	17,493.21	3,149	2,755	24,360	19.03	1,280
2020	185,588.89	20,968	18,343	269,320	19.08	14,115
	436,678.33	227,501	199,017	477,834		25,932
	156,450,196.72	63,364,896	55,431,329	115,185,559		4,323,367
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					26.6	2.76

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
1971	581.00	408	419	185	18.31	10
1973	552.00	379	389	185	19.17	10
1974	176.00	119	122	61	19.60	3
1975	114.00	76	78	41	20.02	2
1976	394.00	260	267	143	20.45	7
1977	1,756.00	1,143	1,173	653	20.87	31
1978	35,252.00	22,635	23,234	13,428	21.28	631
1979	2,696.00	1,707	1,752	1,052	21.69	49
1980	9,589.00	5,983	6,141	3,831	22.10	173
1981	1,928.00	1,185	1,216	789	22.50	35
1982	17,391.00	10,532	10,811	7,276	22.89	318
1983	556.00	332	341	237	23.28	10
1984	16,593.00	9,737	9,995	7,262	23.66	307
1985	26,434.00	15,262	15,666	11,825	24.03	492
1986	32,005.00	18,167	18,648	14,637	24.40	600
1987	49,461.00	27,598	28,329	23,111	24.75	934
1988	10,756.00	5,896	6,052	5,134	25.10	205
1989	124,096.00	66,770	68,538	60,522	25.44	2,379
1990	71,475.00	37,735	38,734	35,600	25.77	1,381
1991	19,030.00	9,850	10,111	9,680	26.09	371
1992	44,983.00	22,815	23,419	23,363	26.40	885
1993	1,382.00	686	704	733	26.70	27
1995	11,736.00	5,573	5,721	6,485	27.27	238
1996	11,190.00	5,185	5,322	6,315	27.55	229
1997	3,207.00	1,450	1,488	1,847	27.81	66
1998	30,726.00	13,521	13,879	18,076	28.07	644
1999	1,749.00	748	768	1,051	28.32	37
2000	38,615.00	16,052	16,477	23,683	28.55	830
2001	56,493.00	22,761	23,364	35,389	28.78	1,230
2002	69,923.00	27,234	27,955	44,765	29.01	1,543
2003	15,883.00	5,973	6,131	10,387	29.22	355
2007	38,678.41	12,274	12,599	27,627	29.99	921
2008	103,289.76	31,111	31,935	75,487	30.17	2,502
2009	1,753.29	499	512	1,311	30.34	43
2010	22,067.00	5,898	6,054	16,896	30.50	554
2011	41,007.92	10,218	10,489	32,160	30.66	1,049
2012	14,652.29	3,380	3,469	11,769	30.80	382
2013	79,339.12	16,728	17,171	65,342	30.95	2,111
2014	17,966.68	3,418	3,508	15,177	31.09	488
2015	10,889.19	1,838	1,887	9,438	31.22	302
2016	131,698.17	19,299	19,810	117,156	31.34	3,738

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
2017	107,212.85	13,156	13,504	97,997	31.47	3,114
2018	169,319.09	16,614	17,054	159,038	31.58	5,036
2019	385,685.63	27,801	28,537	372,576	31.69	11,757
2020	217,737.76	9,681	9,937	216,510	31.80	6,808
2021	203,190.27	3,132	3,215	208,103	31.90	6,524
	2,251,209.43	532,819	546,925	1,794,333		59,361
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
1976	126.00	85	87	50	21.75	2
1978	63,372.00	41,275	42,368	26,708	22.86	1,168
1979	260,702.00	166,893	171,311	112,854	23.42	4,819
1980	130,561.00	82,114	84,288	58,024	23.98	2,420
1983	350.00	208	214	168	25.66	7
1984	25,970.00	15,143	15,544	12,763	26.22	487
1985	1,254.00	717	736	631	26.77	24
1986	314,063.00	175,734	180,386	161,942	27.33	5,925
1987	239,960.00	131,432	134,912	126,645	27.88	4,543
1988	194,965.00	104,469	107,235	105,277	28.42	3,704
1989	70,470.00	36,904	37,881	38,931	28.96	1,344
1990	153,783.00	78,669	80,752	86,872	29.49	2,946
1991	20,914,372.42	10,441,329	10,717,758	12,078,908	30.02	402,362
1993	61,575.00	29,213	29,986	37,130	31.05	1,196
1994	17,184.00	7,935	8,145	10,585	31.55	335
1995	6,976.00	3,134	3,217	4,387	32.04	137
1996	27,623.00	12,048	12,367	17,742	32.53	545
1997	1,716.00	726	745	1,125	33.00	34
1998	37,338.00	15,304	15,709	24,989	33.47	747
1999	25,692.00	10,189	10,459	17,546	33.92	517
2000	148,808.00	56,975	58,483	103,717	34.37	3,018
2001	79,381.00	29,302	30,078	56,448	34.80	1,622
2002	56,249.00	19,975	20,504	40,808	35.22	1,159
2003	80,743.00	27,520	28,249	59,761	35.63	1,677
2004	91,500.00	29,865	30,656	69,079	36.03	1,917
2005	40,744.00	12,699	13,035	31,376	36.41	862
2006	105,077.00	31,144	31,969	82,565	36.79	2,244

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
2007	152,923.00	42,987	44,125	122,561	37.15	3,299
2008	359,342.18	95,293	97,816	293,867	37.51	7,834
2009	62,488.80	15,564	15,976	52,137	37.85	1,377
2010	374,510.19	87,060	89,365	318,851	38.18	8,351
2011	76,813.47	16,543	16,981	66,746	38.50	1,734
2012	96,648.75	19,110	19,616	85,731	38.81	2,209
2013	298,695.66	53,743	55,166	270,412	39.10	6,916
2014	697,400.60	112,474	115,452	644,715	39.39	16,367
2015	2,080,231.29	295,290	303,108	1,964,344	39.67	49,517
2016	451,193.72	55,215	56,677	435,124	39.93	10,897
2017	257,186.17	26,180	26,873	253,460	40.19	6,307
2018	710,252.89	57,258	58,774	715,402	40.44	17,690
2019	1,115,777.78	65,346	67,076	1,149,122	40.68	28,248
2020	143,884.68	5,154	5,290	151,544	40.91	3,704
2021	79,018.87	953	978	85,152	41.13	2,070
	30,106,922.47	12,509,171	12,840,345	19,976,200		612,281
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1973	933,098.00	651,577	668,827	273,602	16.90	16,189
1974	162.00	112	115	49	17.18	3
1975	228,812.00	156,723	160,872	70,228	17.46	4,022
1976	11,877.00	8,055	8,268	3,728	17.73	210
1977	11,775.00	7,906	8,115	3,777	17.99	210
1978	68,519.00	45,531	46,736	22,468	18.25	1,231
1979	17,466.00	11,484	11,788	5,853	18.50	316
1980	15,487.00	10,074	10,341	5,301	18.74	283
1981	13,614.00	8,757	8,989	4,761	18.98	251
1982	16,589.00	10,551	10,830	5,925	19.21	308
1983	3,633.00	2,284	2,344	1,325	19.43	68
1984	5,340.00	3,317	3,405	1,989	19.65	101
1985	8,704.00	5,339	5,480	3,311	19.86	167
1986	21,882.00	13,252	13,603	8,498	20.06	424
1987	2,546.00	1,521	1,561	1,010	20.26	50
1988	19,216.00	11,325	11,625	7,783	20.45	381
1989	209,702.00	121,837	125,063	86,736	20.63	4,204

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1993	80,477.00	43,890	45,052	36,230	21.29	1,702
1994	25,142.00	13,472	13,829	11,565	21.44	539
1995	5,641.00	2,966	3,045	2,653	21.59	123
1996	2,879.00	1,485	1,524	1,383	21.72	64
1997	21,283.00	10,750	11,035	10,461	21.86	479
1998	10,173.00	5,026	5,159	5,116	21.99	233
1999	1,003.00	484	497	516	22.11	23
2000	31,210.00	14,698	15,087	16,435	22.23	739
2001	26,502.00	12,157	12,479	14,288	22.34	640
2002	1,612.00	719	738	890	22.45	40
2003	2,738.00	1,185	1,216	1,549	22.55	69
2006	32,808.00	12,767	13,105	20,031	22.83	877
2007	74,401.00	27,763	28,498	46,647	22.92	2,035
2008	65,819.78	23,449	24,070	42,408	23.01	1,843
2009	24,428.44	8,269	8,488	16,185	23.09	701
2010	10,658.12	3,413	3,503	7,261	23.16	314
2011	84,320.56	25,333	26,004	59,160	23.24	2,546
2012	118,249.68	33,054	33,929	85,503	23.31	3,668
2013	245,431.78	63,275	64,950	182,936	23.37	7,828
2014	112,527.31	26,365	27,063	86,590	23.44	3,694
2015	328,111.65	68,827	70,649	260,744	23.50	11,095
2016	863,543.70	158,196	162,384	709,795	23.56	30,127
2017	66,524.95	10,308	10,581	56,609	23.62	2,397
2018	471,677.23	58,911	60,471	415,923	23.67	17,572
2019	85,224.23	7,879	8,088	77,989	23.72	3,288
2020	12,384.94	715	734	11,775	23.77	495
2021	80,039.31	1,597	1,639	79,200	23.82	3,325
	4,473,232.68	1,706,598	1,751,779	2,766,186		124,874
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1971	317,370.00	230,262	236,358	90,533	16.32	5,547
1979	1,796.00	1,204	1,236	614	18.50	33
1980	632.00	419	430	221	18.74	12
1984	4,922.00	3,117	3,200	1,870	19.65	95
1985	214.00	134	138	83	19.86	4

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
KEOWEE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -3						
1986	5,561.00	3,434	3,525	2,203	20.06	110
1987	1,774.00	1,081	1,110	718	20.26	35
1988	1,534.00	922	946	634	20.45	31
1989	169,564.00	100,468	103,128	71,523	20.63	3,467
1993	61,767.00	34,353	35,263	28,358	21.29	1,332
1994	135,280.00	73,926	75,883	63,455	21.44	2,960
1997	3,461.00	1,783	1,830	1,735	21.86	79
2001	4,216.00	1,972	2,024	2,318	22.34	104
2002	609.00	277	284	343	22.45	15
2003	9,135.00	4,031	4,138	5,271	22.55	234
2004	3,853.00	1,645	1,689	2,280	22.65	101
2005	1,312.43	541	555	796	22.74	35
2006	9,404.30	3,732	3,831	5,856	22.83	257
2007	3,037.81	1,156	1,187	1,942	22.92	85
2008	9,051.16	3,288	3,375	5,948	23.01	258
2009	1,562.40	539	553	1,056	23.09	46
2011	50,042.36	15,332	15,738	35,806	23.24	1,541
2012	82,016.18	23,380	23,999	60,478	23.31	2,595
2013	64,914.73	17,067	17,519	49,343	23.37	2,111
2014	53,305.82	12,737	13,074	41,831	23.44	1,785
2015	7,244.27	1,550	1,591	5,871	23.50	250
2016	9,926.07	1,854	1,903	8,321	23.56	353
2017	1,877.00	297	305	1,628	23.62	69
2018	529.47	67	69	477	23.67	20
2019	33,754.22	3,183	3,267	31,500	23.72	1,328
2020	1,752,068.59	103,081	105,810	1,698,821	23.77	71,469
	2,801,734.81	646,832	663,957	2,221,830		96,361
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1970	1,584.00	1,225	1,257	532	17.87	30
1972	106.00	80	82	38	18.74	2
1973	547.00	408	419	199	19.17	10
1982	707.00	465	477	322	22.89	14
1983	692.00	448	460	322	23.28	14
1985	263.00	165	169	128	24.03	5

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FISHING CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1987	4,172.00	2,529	2,596	2,118	24.75	86
1988	2,109.00	1,256	1,289	1,094	25.10	44
1989	63,773.00	37,283	38,270	33,793	25.44	1,328
1991	19,028.00	10,701	10,984	10,517	26.09	403
1992	1,626.00	896	920	918	26.40	35
1993	3,236.00	1,746	1,792	1,864	26.70	70
1998	2,524.00	1,207	1,239	1,613	28.07	57
1999	4,522.00	2,103	2,159	2,951	28.32	104
2001	7,882.00	3,450	3,541	5,365	28.78	186
2002	941.00	398	409	655	29.01	23
2003	3,714.00	1,518	1,558	2,639	29.22	90
2004	28,088.00	11,053	11,346	20,394	29.42	693
2008	26,603.73	8,707	8,938	21,125	30.17	700
2009	18,159.43	5,615	5,764	14,756	30.34	486
2011	1,295.52	351	360	1,104	30.66	36
2012	17,400.00	4,362	4,477	15,185	30.80	493
2013	35,255.90	8,077	8,291	31,548	30.95	1,019
2014	14,133.84	2,921	2,998	12,973	31.09	417
2015	13,046.10	2,393	2,456	12,286	31.22	394
2016	31,673.09	5,043	5,177	30,614	31.34	977
2017	12,225.07	1,630	1,673	12,141	31.47	386
2018	5,489.93	585	600	5,603	31.58	177
2019	5,894.71	462	474	6,187	31.69	195
2020	4,285.67	207	212	4,630	31.80	146
2021	6,054.27	101	104	6,738	31.90	211
	337,031.26	117,385	120,493	260,352		8,831
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
1978	249.00	175	180	104	21.28	5
1982	662.00	439	451	304	22.89	13
1983	3,796.00	2,481	2,547	1,781	23.28	77
1988	814.00	489	502	426	25.10	17
1989	48,409.00	28,551	29,307	25,879	25.44	1,017
1991	20,864.00	11,838	12,151	11,634	26.09	446
1993	2,990.00	1,628	1,671	1,737	26.70	65

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CEDAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -14						
1994	6,529.00	3,477	3,569	3,874	26.99	144
1995	384.00	200	205	232	27.27	9
1998	1,590.00	767	787	1,025	28.07	37
2000	43,996.00	20,048	20,579	29,577	28.55	1,036
2001	592.00	261	268	407	28.78	14
2002	4,596.00	1,962	2,014	3,225	29.01	111
2003	1,286.00	530	544	922	29.22	32
2008	11,178.27	3,691	3,789	8,954	30.17	297
2009	1,836.29	573	588	1,505	30.34	50
2010	2,733.63	801	822	2,294	30.50	75
2011	452.88	124	127	389	30.66	13
2012	23,172.57	5,860	6,015	20,402	30.80	662
2013	98,749.34	22,822	23,426	89,148	30.95	2,880
2014	1,845.01	385	395	1,708	31.09	55
2015	12,895.31	2,386	2,449	12,251	31.22	392
2016	78,254.78	12,570	12,903	76,308	31.34	2,435
2017	127,973.80	17,214	17,670	128,220	31.47	4,074
2018	3,644.76	392	402	3,753	31.58	119
	499,493.64	139,664	143,362	426,061		14,075
BRIDGEWATER						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -3						
2006	22,698.00	7,482	7,680	15,699	29.81	527
2011	7,184,230.26	1,772,834	1,819,769	5,579,988	30.66	181,996
2012	5,173.48	1,182	1,213	4,115	30.80	134
2013	410.59	86	88	335	30.95	11
2015	3,052.12	510	524	2,620	31.22	84
2016	5,694.21	826	848	5,017	31.34	160
2017	142,777.03	17,352	17,811	129,249	31.47	4,107
2020	1,564.92	69	71	1,541	31.80	48
	7,365,600.61	1,800,341	1,848,004	5,738,565		187,067

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LOOKOUT SHOALS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -21						
1973	835.00	666	684	327	19.17	17
1978	2,536.00	1,895	1,945	1,123	21.28	53
1984	733.00	500	513	374	23.66	16
1985	2,805.00	1,884	1,934	1,460	24.03	61
1987	1,040.00	675	693	566	24.75	23
1989	104,599.00	65,480	67,213	59,351	25.44	2,333
1990	2,904.00	1,784	1,831	1,683	25.77	65
1991	23,364.00	14,070	14,442	13,828	26.09	530
1993	7,072.00	4,086	4,194	4,363	26.70	163
1994	32,132.00	18,162	18,643	20,237	26.99	750
1995	9,608.00	5,308	5,449	6,177	27.27	227
1997	2,433.00	1,280	1,314	1,630	27.81	59
1998	16,245.00	8,317	8,537	11,119	28.07	396
1999	1,645.00	819	841	1,150	28.32	41
2001	8,303.00	3,892	3,995	6,052	28.78	210
2007	30,390.37	11,221	11,518	25,254	29.99	842
2008	11,551.29	4,048	4,155	9,822	30.17	326
2009	14,580.90	4,828	4,956	12,687	30.34	418
2010	18,411.55	5,725	5,877	16,401	30.50	538
2011	21,850.03	6,334	6,502	19,937	30.66	650
2012	5,815.36	1,561	1,602	5,434	30.80	176
2013	2,958.63	726	745	2,835	30.95	92
2014	16,055.64	3,554	3,648	15,779	31.09	508
2015	1,948.58	383	393	1,965	31.22	63
2016	22,282.74	3,799	3,900	23,063	31.34	736
2017	85,886.49	12,262	12,587	91,336	31.47	2,902
2018	4,201.83	480	493	4,592	31.58	145
	452,187.41	183,739	188,603	358,544		12,340
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -16						
1974	308.00	233	239	118	19.60	6
1979	762.00	538	552	332	21.69	15
1981	4,562.00	3,128	3,211	2,081	22.50	92
1982	3,101.00	2,095	2,150	1,447	22.89	63
1983	1,304.00	867	890	623	23.28	27

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MOUNTAIN ISLAND						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -16						
1984	6,749.00	4,418	4,535	3,294	23.66	139
1985	985.00	634	651	492	24.03	20
1986	849.00	538	552	433	24.40	18
1987	111,637.00	69,479	71,318	58,180	24.75	2,351
1989	3,690.00	2,215	2,274	2,007	25.44	79
1991	19,028.00	10,985	11,276	10,797	26.09	414
1993	5,980.00	3,312	3,400	3,537	26.70	132
1995	959.00	508	521	591	27.27	22
1996	26,225.00	13,554	13,913	16,508	27.55	599
1999	1,287.00	614	630	863	28.32	30
2001	2,960.00	1,330	1,365	2,068	28.78	72
2002	6,232.00	2,707	2,779	4,450	29.01	153
2006	32,743.00	12,155	12,477	25,505	29.81	856
2007	31,915.75	11,297	11,596	25,426	29.99	848
2008	17,913.92	6,018	6,177	14,603	30.17	484
2009	1,836.32	583	598	1,532	30.34	50
2010	6,815.65	2,032	2,086	5,820	30.50	191
2011	31,325.42	8,706	8,936	27,401	30.66	894
2012	3,108.13	800	821	2,784	30.80	90
2013	94,674.42	22,264	22,853	86,969	30.95	2,810
2014	906.09	192	197	854	31.09	27
2015	18,231.27	3,433	3,524	17,624	31.22	565
2016	36,628.21	5,987	6,146	36,343	31.34	1,160
2017	10,412.10	1,425	1,463	10,615	31.47	337
2019	19,536.08	1,571	1,613	21,049	31.69	664
	502,664.36	193,618	198,744	384,347		13,208
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
1978	248.00	213	219	67	12.39	5
1979	1,492.00	1,274	1,308	408	12.48	33
1980	1,459.00	1,237	1,270	408	12.57	32
1982	1,277.00	1,068	1,096	372	12.73	29
1983	998.00	829	851	297	12.81	23
1984	414.00	341	350	126	12.88	10
1986	2,883.00	2,339	2,401	915	13.02	70

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
99 ISLANDS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 5-2036						
NET SALVAGE PERCENT.. -15						
1987	1,426.00	1,147	1,177	463	13.09	35
1989	289.00	228	234	98	13.21	7
1990	10,977.00	8,587	8,814	3,809	13.26	287
1991	2,181.00	1,688	1,733	775	13.32	58
1992	20,654.00	15,815	16,234	7,518	13.37	562
1993	1,886.00	1,428	1,466	703	13.42	52
1994	1,976.00	1,477	1,516	756	13.47	56
1995	16,363.00	12,079	12,399	6,419	13.51	475
1996	91,259.25	66,463	68,223	36,726	13.55	2,710
1997	1,740.00	1,249	1,282	719	13.59	53
1998	1,590.00	1,123	1,153	676	13.63	50
2002	17,760.00	11,641	11,949	8,475	13.77	615
2007	23,526.70	13,450	13,806	13,250	13.92	952
2008	38,533.88	21,247	21,809	22,504	13.94	1,614
2009	1,836.32	972	998	1,114	13.97	80
2011	17,808.30	8,559	8,786	11,694	14.01	835
2012	2,135.68	968	994	1,462	14.03	104
2013	29,248.84	12,377	12,705	20,932	14.05	1,490
2014	2,455.12	958	983	1,840	14.07	131
2015	15,081.88	5,347	5,489	11,856	14.09	841
2016	83,168.24	26,187	26,880	68,763	14.11	4,873
2017	9,660.82	2,626	2,696	8,414	14.12	596
2018	41,754.97	9,308	9,554	38,464	14.14	2,720
2019	36,812.20	6,226	6,391	35,943	14.15	2,540
2021	31,807.93	1,222	1,254	35,325	14.18	2,491
	510,703.13	239,673	246,018	341,291		24,429
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -7						
1970	1,585.00	1,160	1,191	505	17.87	28
1972	35.00	25	26	12	18.74	1
1977	1,279.00	856	879	490	20.87	23
1979	307.00	200	205	123	21.69	6
1984	488.00	295	303	219	23.66	9
1986	434.00	253	260	205	24.40	8
1987	82,181.00	47,178	48,427	39,507	24.75	1,596

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
OXFORD						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -7						
1990	6,053.00	3,288	3,375	3,102	25.77	120
1991	19,028.00	10,133	10,401	9,959	26.09	382
1993	8,135.00	4,156	4,266	4,438	26.70	166
1994	430.00	215	221	239	26.99	9
1995	959.00	468	480	546	27.27	20
1996	42,575.00	20,298	20,835	24,720	27.55	897
1997	26,927.00	12,523	12,855	15,957	27.81	574
1998	16,245.00	7,355	7,550	9,832	28.07	350
1999	2,377.00	1,047	1,075	1,469	28.32	52
2000	12,054.00	5,155	5,291	7,606	28.55	266
2001	5,351.00	2,218	2,277	3,449	28.78	120
2002	4,909.00	1,967	2,019	3,234	29.01	111
2003	509.00	197	202	342	29.22	12
2008	36,628.36	11,351	11,652	27,541	30.17	913
2009	1,836.32	538	552	1,413	30.34	47
2010	1,714.73	472	484	1,350	30.50	44
2011	19,035.43	4,880	5,009	15,359	30.66	501
2012	167,093.15	39,661	40,711	138,079	30.80	4,483
2013	21,492.19	4,662	4,785	18,211	30.95	588
2014	1,845.00	361	371	1,604	31.09	52
2015	14,724.43	2,558	2,626	13,129	31.22	421
2016	118,137.02	17,811	18,283	108,124	31.34	3,450
2017	41,976.44	5,299	5,439	39,476	31.47	1,254
2018	5,043.41	509	522	4,874	31.58	154
2019	6,075.39	451	463	6,038	31.69	191
2020	7,798.83	357	366	7,978	31.80	251
2021	2,927.00	46	47	3,085	31.90	97
	678,188.70	207,943	213,448	512,214		17,196
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1970	1,585.00	1,225	1,257	534	17.87	30
1972	35.00	26	27	13	18.74	1
1978	144.00	100	103	60	21.28	3
1982	1,081.00	711	730	492	22.89	21
1985	2,476.00	1,553	1,594	1,204	24.03	50

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
RHODHISS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1986	8,949.00	5,519	5,665	4,447	24.40	182
1987	4,815.00	2,919	2,996	2,445	24.75	99
1988	1,062.00	632	649	551	25.10	22
1989	97,322.00	56,896	58,402	51,571	25.44	2,027
1991	3,017.00	1,697	1,742	1,667	26.09	64
1992	59,762.00	32,934	33,806	33,725	26.40	1,277
1993	4,961.00	2,677	2,748	2,858	26.70	107
1994	299.00	158	162	176	26.99	7
1995	1,151.00	594	610	691	27.27	25
1996	39,531.00	19,903	20,430	24,240	27.55	880
2000	477.00	215	221	318	28.55	11
2001	776.00	340	349	528	28.78	18
2003	1,223.00	500	513	869	29.22	30
2005	24,644.00	9,312	9,559	18,289	29.62	617
2007	39,274.80	13,542	13,901	30,480	29.99	1,016
2008	15,923.91	5,211	5,349	12,645	30.17	419
2009	1,836.33	568	583	1,492	30.34	49
2010	10,683.94	3,103	3,185	8,888	30.50	291
2011	22,301.92	6,038	6,198	19,003	30.66	620
2012	7,834.74	1,964	2,016	6,837	30.80	222
2013	38,641.18	8,852	9,086	34,578	30.95	1,117
2014	64,480.85	13,328	13,681	59,182	31.09	1,904
2016	40,811.15	6,498	6,670	39,447	31.34	1,259
2017	2,592.59	346	355	2,574	31.47	82
2021	1,213.75	20	21	1,351	31.90	42
	498,905.16	197,381	202,607	361,156		12,492
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1977	665.00	470	482	269	20.87	13
1978	491.00	343	352	203	21.28	10
1982	917.00	603	619	417	22.89	18
1983	173.00	112	115	81	23.28	3
1985	1,921.00	1,205	1,237	934	24.03	39
1987	659.00	400	411	334	24.75	13
1988	530.00	316	324	275	25.10	11

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WATEREE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -13						
1989	51,437.00	30,071	30,867	27,257	25.44	1,071
1990	777.00	446	458	420	25.77	16
1991	21,065.00	11,847	12,161	11,643	26.09	446
1993	4,196.00	2,264	2,324	2,418	26.70	91
1995	4,873.00	2,514	2,581	2,926	27.27	107
1996	5,037.00	2,536	2,603	3,089	27.55	112
1997	57,706.00	28,342	29,092	36,115	27.81	1,299
1998	15,234.00	7,284	7,477	9,738	28.07	347
1999	6,750.00	3,138	3,221	4,406	28.32	156
2000	1,857.00	839	861	1,237	28.55	43
2001	6,918.00	3,028	3,108	4,709	28.78	164
2002	16,157.00	6,838	7,019	11,238	29.01	387
2003	2,939.00	1,201	1,233	2,088	29.22	71
2005	12,467.85	4,711	4,836	9,253	29.62	312
2007	45,823.69	15,800	16,218	35,562	29.99	1,186
2008	54,227.63	17,747	18,217	43,060	30.17	1,427
2009	3,464.17	1,071	1,099	2,815	30.34	93
2010	753.47	219	225	627	30.50	21
2011	9,767.44	2,644	2,714	8,323	30.66	271
2013	654.39	150	154	585	30.95	19
2014	2,220.08	459	471	2,038	31.09	66
2015	11,329.62	2,078	2,133	10,669	31.22	342
2016	34,412.63	5,479	5,624	33,262	31.34	1,061
2017	84,170.34	11,222	11,519	83,593	31.47	2,656
2018	48,210.98	5,140	5,276	49,202	31.58	1,558
2019	34,010.62	2,664	2,735	35,697	31.69	1,126
2020	94,229.72	4,552	4,673	101,807	31.80	3,201
2021	1,362.19	23	24	1,516	31.90	48
	637,406.82	177,756	182,462	537,808		17,804
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
1974	187.00	134	138	68	19.60	3
1979	1,741.00	1,166	1,197	718	21.69	33
1982	269.00	172	177	119	22.89	5
1985	1,328.00	811	832	628	24.03	26

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
WYLIE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -10						
1986	3,352.00	2,012	2,065	1,622	24.40	66
1987	6,011.00	3,548	3,642	2,970	24.75	120
1988	1,268.00	735	754	640	25.10	25
1989	104,255.00	59,331	60,902	53,779	25.44	2,114
1991	9,514.00	5,209	5,347	5,118	26.09	196
1993	3,848.00	2,021	2,075	2,158	26.70	81
1995	866.00	435	447	506	27.27	19
1996	2,568.00	1,259	1,292	1,532	27.55	56
1997	1,494.00	714	733	910	27.81	33
1998	11,590.00	5,395	5,538	7,211	28.07	257
1999	346.00	157	161	219	28.32	8
2001	1,421.00	606	622	941	28.78	33
2002	5,016.00	2,066	2,121	3,397	29.01	117
2003	568.00	226	232	393	29.22	13
2006	58,901.00	20,735	21,284	43,507	29.81	1,459
2007	6,471.09	2,172	2,230	4,889	29.99	163
2008	48,308.65	15,390	15,797	37,342	30.17	1,238
2009	3,081.37	928	953	2,437	30.34	80
2010	2,353.49	665	683	1,906	30.50	62
2011	94,598.39	24,930	25,590	78,468	30.66	2,559
2012	7,363.47	1,797	1,845	6,255	30.80	203
2013	6,681.38	1,490	1,529	5,820	30.95	188
2014	12,803.19	2,576	2,644	11,439	31.09	368
2015	3,161.07	564	579	2,898	31.22	93
2016	52,599.85	8,152	8,368	49,492	31.34	1,579
2017	114,521.03	14,864	15,258	110,716	31.47	3,518
2018	20,587.48	2,137	2,194	20,453	31.58	648
2019	60,924.70	4,645	4,768	62,249	31.69	1,964
2020	3,500.88	165	169	3,682	31.80	116
2021	211,911.71	3,455	3,546	229,556	31.90	7,196
	863,410.75	190,662	195,710	754,042		24,639
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -108						
1993	46,751.00	46,433	47,662	49,580	26.70	1,857
1994	19,252.00	18,706	19,201	20,843	26.99	772

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GREAT FALLS						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -108						
1995	23,287.00	22,114	22,699	25,738	27.27	944
1996	6,688.00	6,198	6,362	7,549	27.55	274
1997	15,148.00	13,695	14,058	17,450	27.81	627
2000	25,271.00	21,010	21,566	30,997	28.55	1,086
2009	9,611.20	5,470	5,615	14,376	30.34	474
2010	1,675.20	895	919	2,566	30.50	84
2011	361.73	180	185	568	30.66	19
2012	1,331.06	614	630	2,138	30.80	69
2013	1,888.03	796	817	3,110	30.95	100
2015	57,374.25	19,372	19,885	99,454	31.22	3,186
2016	71,836.42	21,053	21,610	127,809	31.34	4,078
2017	1,699.00	417	428	3,106	31.47	99
2019	6,493.01	936	961	12,545	31.69	396
2020	31,540.19	2,805	2,879	62,724	31.80	1,972
2021	82,368.63	2,539	2,606	168,721	31.90	5,289
	402,575.72	183,233	188,084	649,273		21,326
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
1974	5,749.00	4,455	4,573	2,268	19.60	116
1977	452.00	337	346	192	20.87	9
1978	298.00	219	225	130	21.28	6
1980	1,740.00	1,242	1,275	796	22.10	36
1982	1,358.00	941	966	650	22.89	28
1983	692.00	472	484	339	23.28	15
1989	51,968.00	31,995	32,842	29,000	25.44	1,140
1990	17,444.00	10,538	10,817	9,941	25.77	386
1991	19,028.00	11,269	11,567	11,076	26.09	425
1995	45,371.00	24,650	25,303	28,689	27.27	1,052
1996	5,650.00	2,996	3,075	3,648	27.55	132
1997	1,084.00	561	576	714	27.81	26
1998	354.00	178	183	239	28.07	9
2000	11,622.00	5,528	5,674	8,156	28.55	286
2008	15,741.12	5,425	5,569	13,163	30.17	436
2011	17,320.64	4,938	5,069	15,543	30.66	507
2013	5,048.23	1,218	1,250	4,757	30.95	154

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
2016	19,929.15	3,342	3,430	20,285	31.34	647
2017	25,105.46	3,525	3,618	26,257	31.47	834
2019	163,974.98	13,524	13,882	181,248	31.69	5,719
2021	46,275.77	816	838	54,231	31.90	1,700
	456,205.35	128,169	131,562	411,322		13,663
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -8						
2001	22,634.00	12,501	12,832	11,613	18.02	644
2002	1,835.00	989	1,015	967	18.08	53
2008	41,296.85	18,213	18,695	25,905	18.40	1,408
2011	45,054.21	16,994	17,444	31,215	18.54	1,684
2018	54,917.25	9,024	9,263	50,048	18.78	2,665
	165,737.31	57,721	59,249	119,747		6,454
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -17						
1974	272.00	229	235	83	14.84	6
2001	20,938.00	12,528	12,860	11,638	18.02	646
2002	1,835.00	1,071	1,099	1,048	18.08	58
2008	14,085.54	6,730	6,908	9,572	18.40	520
2011	45,421.39	18,560	19,051	34,092	18.54	1,839
2018	41,684.03	7,420	7,616	41,154	18.78	2,191
	124,235.96	46,538	47,770	97,586		5,260

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1973	58.00	46	47	17	15.01	1
1989	2,630.00	1,787	1,834	1,059	17.55	60
1990	6,681.00	4,482	4,601	2,748	17.67	156
1992	16,661.00	10,880	11,168	7,159	17.88	400
1993	6,809.00	4,382	4,498	2,992	17.98	166
2000	31,941.00	18,068	18,546	16,589	18.58	893
2001	85,293.00	47,124	48,372	45,451	18.65	2,437
2002	56,208.00	30,274	31,075	30,753	18.72	1,643
2003	14,091.00	7,387	7,583	7,918	18.78	422
2006	11,039.00	5,256	5,395	6,748	18.96	356
2007	30,587.00	14,020	14,391	19,255	19.01	1,013
2008	111,450.37	48,938	50,234	72,362	19.07	3,795
2009	11,600.67	4,860	4,989	7,772	19.12	406
2010	31,370.30	12,483	12,813	21,694	19.16	1,132
2011	53,915.55	20,223	20,758	38,549	19.21	2,007
2012	127,309.83	44,683	45,866	94,175	19.25	4,892
2013	18,203.08	5,909	6,065	13,958	19.30	723
2014	770.08	229	235	612	19.34	32
2015	91,853.02	24,529	25,178	75,860	19.37	3,916
2016	17,427.47	4,093	4,201	14,969	19.41	771
2017	260,548.90	51,990	53,366	233,237	19.45	11,992
2018	126,298.99	20,438	20,979	117,950	19.48	6,055
2019	23,578.42	2,852	2,928	23,009	19.51	1,179
2020	13,733.51	1,044	1,072	14,035	19.54	718
2021	65,296.31	1,720	1,766	70,060	19.57	3,580
	1,215,354.50	387,697	397,961	938,929		48,745
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
2000	84,308.00	110,638	113,567	50,833	9.84	5,166
2002	100,357.00	127,541	130,918	64,779	9.87	6,563
2011	17,001.98	16,717	17,160	15,994	9.98	1,603
2019	5,004.05	1,913	1,964	7,794	10.05	776
	206,671.03	256,809	263,608	139,401		14,108

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -11						
1993	265.00	175	180	115	17.41	7
2001	842.00	478	491	444	18.02	25
2002	42,099.00	23,313	23,930	22,800	18.08	1,261
2008	16,282.01	7,380	7,575	10,498	18.40	571
2012	123,805.85	44,912	46,101	91,324	18.58	4,915
2018	41,701.83	7,042	7,228	39,061	18.78	2,080
	224,995.69	83,300	85,505	164,240		8,859
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1980	1,420.00	1,324	1,359	572	15.85	36
1985	1,853.00	1,648	1,692	828	16.55	50
1989	172.00	146	150	84	17.01	5
1992	2,411.00	1,974	2,026	1,253	17.31	72
1993	5,928.00	4,784	4,911	3,151	17.41	181
2000	9,983.00	7,107	7,295	6,282	17.95	350
2001	2,745.00	1,909	1,960	1,774	18.02	98
2002	5,052.00	3,428	3,519	3,352	18.08	185
2003	5,961.00	3,939	4,043	4,064	18.14	224
2006	11,121.00	6,682	6,859	8,266	18.31	451
2008	41,055.22	22,801	23,405	32,430	18.40	1,762
2009	2,888.77	1,532	1,573	2,356	18.45	128
2010	11,255.39	5,671	5,821	9,486	18.49	513
2011	50,665.27	24,065	24,702	44,203	18.54	2,384
2012	2,306.11	1,025	1,052	2,084	18.58	112
2013	87,549.27	36,108	37,064	82,003	18.61	4,406
2014	27,814.70	10,494	10,772	27,056	18.65	1,451
2015	10,823.25	3,671	3,768	10,951	18.69	586
2016	2,792.67	834	856	2,942	18.72	157
2017	118,920.66	30,343	31,146	130,586	18.75	6,965
2018	845,541.27	174,951	179,583	970,353	18.78	51,669
2019	2,900.77	448	460	3,485	18.81	185
2020	5,862.74	570	585	7,388	18.84	392
	1,257,022.09	345,454	354,600	1,354,950		72,362

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
1969	555.00	641	658	202	13.85	15
1990	1,367.00	1,310	1,345	774	17.12	45
1993	342.00	315	323	207	17.41	12
2000	4,090.00	3,319	3,407	2,933	17.95	163
2002	93.00	72	74	70	18.08	4
2008	20,581.85	13,027	13,372	18,530	18.40	1,007
2011	31,147.74	16,861	17,307	30,972	18.54	1,671
2017	22,373.33	6,506	6,678	28,000	18.75	1,493
2018	17,457.80	4,117	4,226	22,834	18.78	1,216
	98,007.72	46,168	47,390	104,522		5,626
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -5						
1974	30,481.00	22,846	23,451	8,554	15.21	562
1975	1,622.00	1,206	1,238	465	15.41	30
1976	9,109.00	6,719	6,897	2,668	15.60	171
1977	7,420.00	5,429	5,573	2,218	15.78	141
1978	1,685.00	1,222	1,254	515	15.96	32
1979	2,024.00	1,456	1,495	631	16.13	39
1982	7,235.00	5,062	5,196	2,401	16.62	144
1983	1,104.00	765	785	374	16.77	22
1985	13,833.00	9,392	9,641	4,884	17.05	286
1986	10,669.00	7,168	7,358	3,845	17.18	224
1998	19,275.00	10,860	11,148	9,091	18.43	493
1999	465.00	257	264	224	18.50	12
2002	284,671.00	146,356	150,231	148,674	18.72	7,942
2007	25,170.49	11,013	11,305	15,124	19.01	796
2008	394,538.97	165,367	169,745	244,521	19.07	12,822
2015	2,854.22	728	747	2,250	19.37	116

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 335.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 57-R2						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -5						
2019	3,079.81	356	365	2,868	19.51	147
2020	96,081.43	6,969	7,153	93,732	19.54	4,797
2021	14,440.90	363	373	14,790	19.57	756
	925,758.82	403,534	414,217	557,830		29,532
	57,055,255.42	20,782,205	21,332,403	40,970,729		1,450,893
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					28.2	2.54

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COWANS FORD						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -4						
1963	450,092.16	339,323	389,714	78,381	20.47	3,829
2012	1,790,323.54	410,743	471,741	1,390,196	33.53	41,461
	2,240,415.70	750,066	861,455	1,468,577		45,290
BAD CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 7-2067						
NET SALVAGE PERCENT.. -9						
1991	17,869,699.00	8,440,195	9,702,858	9,775,114	39.39	248,162
2019	1,019,278.85	58,417	67,156	1,043,858	45.05	23,171
	18,888,977.85	8,498,612	9,770,014	10,818,972		271,333
JOCASSEE						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 8-2046						
NET SALVAGE PERCENT.. -1						
1973	414,590.00	287,672	330,393	88,343	21.24	4,159
1975	918.00	626	719	208	21.67	10
	415,508.00	288,298	331,112	88,551		4,169
DEARBORN						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 10-2055						
NET SALVAGE PERCENT.. -19						
1988	633,636.00	389,447	447,282	306,745	30.93	9,917
	633,636.00	389,447	447,282	306,745		9,917

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL BEAR CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -8						
1954	45,569.00	40,517	46,534	2,681	12.99	206
1955	7,207.00	6,365	7,310	473	13.35	35
	52,776.00	46,882	53,844	3,154		241
NPL CEDAR CLIFF						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -17						
1952	26,361.00	25,726	29,546	1,296	12.26	106
1970	2,444.00	2,125	2,441	419	17.06	25
1977	4,658.00	3,857	4,430	1,020	17.92	57
1995	96,275.00	65,422	75,137	37,504	19.04	1,970
	129,738.00	97,130	111,554	40,239		2,158
NPL NANTAHALA						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. -10						
1942	93,152.47	90,360	102,468			
1955	2,981.00	2,672	3,106	173	13.60	13
1975	77,811.00	60,894	70,790	14,802	18.30	809
1990	8,497.00	5,750	6,684	2,662	19.55	136
2009	57,529.81	24,313	28,264	35,019	20.02	1,749
	239,971.28	183,989	211,312	52,656		2,707
NPL QUEENS CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 2-2032						
NET SALVAGE PERCENT.. -95						
1949	2,830.00	4,917	5,518			
	2,830.00	4,917	5,518			

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 336.00 ROADS, RAILROADS AND BRIDGES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
NPL TENNESSEE CREEK						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -11						
1955	72,465.00	65,778	75,587	4,849	13.35	363
1956	125.00	113	130	9	13.70	1
	72,590.00	65,891	75,717	4,858		364
NPL THORPE						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -36						
1941	29,471.00	35,543	40,081			
2000	16,553.00	11,888	14,424	8,088	19.16	422
	46,024.00	47,431	54,505	8,088		422
NPL TUCKASEGEE						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 4-2041						
NET SALVAGE PERCENT.. -55						
1950	8,678.00	11,361	13,055	396	11.53	34
	8,678.00	11,361	13,055	396		34
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 75-R4						
PROBABLE RETIREMENT YEAR.. 1-2042						
NET SALVAGE PERCENT.. 0						
1919	84,399.00	81,552	84,399			
	84,399.00	81,552	84,399			
	22,815,543.83	10,465,576	12,019,767	12,792,236		336,635
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					38.0	1.48

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 340.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DAN RIVER						
INTERIM SURVIVOR CURVE.. IOWA 65-R4						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. 0						
1948	3,037.00	2,743	1,881	1,156	6.30	183
1949	454.00	408	280	174	6.61	26
1950	202.00	180	123	79	6.94	11
1976	4,000.00	2,686	1,842	2,158	20.98	103
	7,693.00	6,017	4,126	3,567		323

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 11.0 4.20

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LINCOLN CTS						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 12-2040						
NET SALVAGE PERCENT.. -9						
1995	26,147,173.83	16,851,728	14,549,197	13,951,223	17.44	799,955
1999	616,473.00	368,621	318,255	353,701	17.84	19,826
2002	99,156.00	55,281	47,728	60,352	18.08	3,338
2004	99,500.00	52,475	45,305	63,150	18.21	3,468
2008	56,055.51	25,558	22,066	39,035	18.44	2,117
2010	517,918.39	214,206	184,938	379,593	18.53	20,485
2011	10,796.31	4,210	3,635	8,133	18.58	438
2012	3,646.96	1,332	1,150	2,825	18.61	152
2013	138,706.05	46,950	40,535	110,655	18.65	5,933
2014	833,934.96	258,417	223,108	685,881	18.68	36,717
2015	1,742.66	486	420	1,480	18.71	79
2016	28,970.16	7,114	6,142	25,435	18.74	1,357
2017	6,429.42	1,345	1,161	5,847	18.77	312
2018	14,896.59	2,537	2,190	14,047	18.79	748
2019	36,855.78	4,677	4,038	36,135	18.82	1,920
2020	165,292.42	13,205	11,401	168,768	18.84	8,958
2021	7,733.79	218	188	8,242	18.85	437
	28,785,281.83	17,908,360	15,461,456	15,914,501		906,240
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
1949	510,074.67	518,308	447,489	123,794	5.10	24,273
1978	143,412.00	110,387	95,304	65,317	17.07	3,826
1979	37,129.00	28,135	24,291	17,294	17.62	981
1982	44,051.00	31,779	27,437	21,900	19.25	1,138
1989	365,842.00	232,107	200,393	209,350	22.73	9,210
1992	912,426.00	544,018	469,686	552,231	24.00	23,010
1994	19,185.00	10,937	9,443	12,045	24.77	486
1995	9,850.00	5,486	4,736	6,296	25.12	251
2006	88,083.00	34,451	29,744	68,909	28.01	2,460
2007	95,854.01	35,794	30,903	76,453	28.19	2,712
2008	192,255.49	68,250	58,925	156,401	28.36	5,515
2009	66,114.15	22,180	19,149	54,898	28.53	1,924
2010	84,573.29	26,687	23,041	71,681	28.68	2,499
2011	84,046.26	24,766	21,382	72,750	28.82	2,524
2012	122,529,968.95	33,412,256	28,846,982	108,386,583	28.96	3,742,631

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
2013	1,097,304.32	274,419	236,924	992,057	29.08	34,115
2014	449,119.56	101,483	87,617	415,397	29.20	14,226
2015	8,358,391.15	1,677,750	1,448,511	7,912,887	29.31	269,972
2016	6,337,617.53	1,106,315	955,154	6,142,978	29.41	208,874
2017	3,657,748.11	535,764	462,560	3,634,118	29.51	123,149
2018	15,030.06	1,762	1,521	15,312	29.60	517
2019	399,522.36	34,379	29,682	417,783	29.68	14,076
2021	3,667,614.68	66,381	57,311	4,050,417	29.83	135,783
	149,165,212.59	38,903,794	33,588,185	133,476,853		4,624,152
LEE CTS						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -11						
2009	53,973.67	20,047	17,308	42,603	24.34	1,750
2014	27,586.63	7,048	6,085	24,536	24.75	991
2015	117,965.95	26,910	23,233	107,709	24.82	4,340
2017	492,127.55	82,868	71,545	474,716	24.94	19,034
2019	689,829.30	69,006	59,577	706,133	25.04	28,200
2020	7,728.74	481	415	8,164	25.09	325
	1,389,211.84	206,360	178,164	1,363,861		54,640
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2002	25,874,639.50	13,489,981	11,646,781	16,297,829	20.23	805,627
2003	2,652,195.87	1,343,877	1,160,257	1,704,115	20.32	83,864
2007	110,456.00	48,587	41,948	77,344	20.65	3,745
2008	257,184.70	108,240	93,451	184,309	20.72	8,895
2010	3,602.65	1,369	1,182	2,709	20.84	130
2011	847.23	303	262	653	20.90	31
2013	82,278.79	25,389	21,920	66,941	21.00	3,188
2014	162,342.52	45,651	39,413	135,916	21.05	6,457
2015	17,570.17	4,434	3,828	15,148	21.09	718
2016	280,966.13	62,218	53,717	249,727	21.13	11,819

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2017	124,423.31	23,383	20,188	114,189	21.17	5,394
2018	114,139.79	17,339	14,970	108,301	21.20	5,109
2019	37,355.64	4,220	3,643	36,701	21.23	1,729
2020	268,166.77	18,967	16,375	273,245	21.26	12,853
	29,986,169.07	15,193,958	13,117,936	19,267,127		949,559
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2008	561,529.47	247,881	214,012	369,979	17.98	20,577
2009	91,021.79	38,402	33,155	61,508	18.02	3,413
2010	125,068.52	50,126	43,277	86,794	18.07	4,803
2014	106,107.51	31,947	27,582	82,770	18.21	4,545
2015	6,574.00	1,782	1,539	5,298	18.24	290
2016	2,236,285.40	534,594	461,550	1,864,187	18.26	102,091
2017	160,955.39	32,816	28,332	139,061	18.29	7,603
2018	44,573.80	7,386	6,377	39,980	18.31	2,184
2020	17,259.39	1,348	1,164	16,786	18.35	915
2021	83,197.69	2,248	1,941	84,585	18.37	4,605
	3,432,572.96	948,530	818,928	2,750,948		151,026
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2009	157,427.07	53,435	46,134	128,610	27.72	4,640
2011	126,467,520.21	37,735,265	32,579,318	107,799,629	27.99	3,851,362
2013	410,122.60	104,040	89,825	365,412	28.22	12,949
2014	11,718.69	2,688	2,321	10,687	28.33	377
2015	2,716,069.69	554,670	478,883	2,535,955	28.43	89,200
2016	2,469,156.75	438,358	378,463	2,362,301	28.52	82,830
2017	13,952,789.83	2,084,631	1,799,798	13,687,799	28.61	478,427
2018	1,973,704.80	235,775	203,560	1,987,252	28.69	69,266

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2019	2,544,381.71	223,315	192,802	2,631,461	28.77	91,465
2020	4,446,240.44	240,893	207,979	4,727,348	28.84	163,916
2021	377,196.76	7,122	6,149	412,540	28.90	14,275
	155,526,328.55	41,680,192	35,985,231	136,648,994		4,858,707
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -12						
1958	2,800,641.70	2,697,578	2,328,995	807,724	7.70	104,899
2018	136,750,764.37	13,844,210	11,952,610	141,208,246	34.82	4,055,378
2019	884,429.03	65,347	56,418	934,142	34.97	26,713
2020	680,533.46	30,839	26,625	735,572	35.10	20,956
	141,116,368.56	16,637,974	14,364,649	143,685,684		4,207,946
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -13						
2019	8,567,151.48	617,834	533,417	9,147,464	36.23	252,483
2020	38,387.45	1,696	1,464	41,914	36.38	1,152
	8,605,538.93	619,530	534,881	9,189,378		253,635
LARK MAINTENANCE FACILITY						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -5						
1978	85,842.33	61,364	52,980	37,155	17.54	2,118
1986	1,400,555.42	857,865	740,651	729,932	22.72	32,127
1987	17,037.00	10,208	8,813	9,076	23.37	388
1988	62,614.60	36,680	31,668	34,077	24.01	1,419
1989	103,445.00	59,212	51,122	57,496	24.64	2,333
1992	1,119,480.54	595,074	513,766	661,688	26.48	24,988
1996	103,020.00	49,057	42,354	65,817	28.74	2,290

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LARK MAINTENANCE FACILITY						
INTERIM SURVIVOR CURVE.. IOWA 55-R3						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -5						
2012	21,400.00	4,729	4,083	18,387	34.85	528
2013	165,184.10	33,275	28,728	144,715	35.09	4,124
2014	1,024,587.95	185,568	160,213	915,604	35.31	25,930
2016	1,322,344.73	182,972	157,972	1,230,490	35.71	34,458
2017	23,049,887.15	2,658,390	2,295,161	21,907,220	35.90	610,229
2018	483,843.19	44,351	38,291	469,744	36.07	13,023
2019	318,763.74	21,361	18,442	316,260	36.23	8,729
2020	428,054.69	17,569	15,168	434,289	36.38	11,938
	29,706,060.44	4,817,675	4,159,413	27,031,950		774,622
	547,712,744.77	136,916,373	118,208,843	489,329,296		16,780,527
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					29.2	3.06

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 341.66 STRUCTURES AND IMPROVEMENTS - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MOCKSVILLE						
INTERIM SURVIVOR CURVE.. IOWA 40-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -11						
2017	101,358.46	18,056	12,507	100,001	23.54	4,248
	101,358.46	18,056	12,507	100,001		4,248
MONROE						
INTERIM SURVIVOR CURVE.. IOWA 40-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -14						
2017	2,711,075.87	481,921	333,829	2,756,797	24.36	113,169
	2,711,075.87	481,921	333,829	2,756,797		113,169
GASTON						
INTERIM SURVIVOR CURVE.. IOWA 40-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2050						
NET SALVAGE PERCENT.. -12						
2020	419,744.32	24,437	16,928	453,186	27.36	16,564
	419,744.32	24,437	16,928	453,186		16,564
MAIDEN CREEK						
INTERIM SURVIVOR CURVE.. IOWA 40-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -17						
2021	4,698,133.36	95,260	65,987	5,430,829	28.36	191,496
	4,698,133.36	95,260	65,987	5,430,829		191,496
	7,930,312.01	619,674	429,251	8,740,813		325,477
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					26.9	4.10

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LINCOLN CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2040						
NET SALVAGE PERCENT.. -9						
1995	12,187,426.30	7,839,726	9,136,991	4,147,304	16.73	247,896
1996	60,039.00	37,952	44,232	21,210	16.87	1,257
2011	27,291.16	10,605	12,360	17,388	18.23	954
2012	10,454.63	3,800	4,429	6,967	18.29	381
2014	14,015.46	4,326	5,042	10,235	18.38	557
2015	4,995.66	1,387	1,617	3,829	18.43	208
2016	22,960.26	5,613	6,542	18,485	18.47	1,001
2017	18,430.97	3,844	4,480	15,610	18.51	843
2018	18,492.14	3,130	3,648	16,509	18.55	890
2019	597,816.13	75,640	88,156	563,463	18.58	30,326
2020	3,176.85	254	296	3,167	18.61	170
2021	3,405.32	95	111	3,601	18.64	193
	12,968,503.88	7,986,372	9,307,903	4,827,766		284,676
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
2012	18,870,360.21	5,146,536	5,998,150	15,136,654	27.96	541,368
2013	65,237.32	16,308	19,007	54,059	28.12	1,922
2014	337,170.80	76,210	88,821	288,811	28.28	10,213
2015	814,565.42	163,550	190,613	721,700	28.43	25,385
2016	165,953.42	28,945	33,735	152,133	28.57	5,325
2017	65,397.84	9,583	11,169	62,077	28.70	2,163
2018	64,284.94	7,515	8,759	63,241	28.83	2,194
2019	119,682.66	10,304	12,009	122,036	28.94	4,217
2020	33,281.11	1,772	2,065	35,210	29.05	1,212
2021	1,235,706.30	22,877	26,663	1,357,329	29.15	46,564
	21,771,640.02	5,483,600	6,390,989	17,993,248		640,563

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -11						
2014	33,721.31	8,585	10,005	27,425	24.16	1,135
2020	143,892.02	8,877	10,346	149,374	24.64	6,062
	177,613.33	17,462	20,351	176,800		7,197
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2002	9,882,037.00	5,138,110	5,988,330	4,684,270	19.55	239,605
2003	4,973,348.70	2,512,655	2,928,432	2,442,784	19.67	124,188
2010	10,327.58	3,907	4,554	6,600	20.37	324
2011	2,428.71	864	1,007	1,616	20.45	79
2013	21,151.85	6,495	7,570	15,274	20.59	742
2014	13,457.57	3,769	4,393	10,142	20.65	491
2015	50,367.83	12,657	14,751	39,646	20.71	1,914
2016	14,672.83	3,231	3,766	12,081	20.77	582
2017	15,794.46	2,959	3,449	13,609	20.82	654
2018	169,678.47	25,672	29,920	153,333	20.87	7,347
2020	1,176.19	83	97	1,174	20.96	56
	15,154,441.19	7,710,402	8,986,267	7,380,529		375,982
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2010	53,450.60	21,331	24,861	30,728	17.73	1,733
2011	28,042.76	10,565	12,313	16,851	17.78	948
2012	24,117.36	8,512	9,921	15,162	17.83	850
2014	104,843.92	31,469	36,676	72,361	17.92	4,038
2016	65,503.02	15,579	18,157	49,966	18.01	2,774
2017	142,736.69	29,000	33,799	114,647	18.04	6,355
2018	7,425.89	1,225	1,428	6,295	18.08	348
	426,120.24	117,681	137,154	306,011		17,046

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 342.00 FUEL HOLDERS, PRODUCERS AND ACCESSORIES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2009	30,515.10	10,365	12,080	21,792	26.67	817
2011	27,869,468.09	8,311,336	9,686,640	21,248,470	27.03	786,107
2014	772,341.52	177,204	206,527	650,773	27.48	23,682
2015	240,077.20	48,983	57,088	209,397	27.62	7,581
2016	1,208,418.90	214,079	249,503	1,091,842	27.75	39,346
2017	19,492.85	2,904	3,385	18,253	27.87	655
2018	31,847.20	3,800	4,429	30,922	27.98	1,105
2019	229,979.80	20,172	23,510	231,768	28.09	8,251
2020	37,259.11	2,023	2,358	39,000	28.19	1,383
	30,439,399.77	8,790,866	10,245,519	23,542,215		868,927
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -12						
2018	16,467,887.44	1,666,787	1,942,596	16,501,438	33.62	490,822
2020	61,921.96	2,818	3,284	66,068	33.99	1,944
2021	17,162.25	266	310	18,912	34.16	554
	16,546,971.65	1,669,871	1,946,190	16,586,418		493,320
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -13						
2019	1,223,118.39	88,484	103,126	1,278,998	34.94	36,606
	1,223,118.39	88,484	103,126	1,278,998		36,606
	98,707,808.47	31,864,738	37,137,499	72,091,985		2,724,317
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					26.5	2.76

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LINCOLN CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 12-2040						
NET SALVAGE PERCENT.. -9						
1995	167,108,671.56	106,321,873	142,591,241	39,557,211	14.87	2,660,202
1996	48,392,921.55	30,229,514	40,541,648	12,206,637	15.07	809,996
1999	23,547.00	13,825	18,541	7,125	15.64	456
2000	10,247.62	5,881	7,887	3,283	15.81	208
2001	1,047,863.00	586,722	786,869	355,301	15.98	22,234
2002	3,913,598.73	2,135,556	2,864,054	1,401,769	16.13	86,904
2007	613,069.42	284,138	381,065	287,180	16.79	17,104
2008	6,708,766.61	2,978,331	3,994,323	3,318,233	16.91	196,229
2011	5,038.27	1,914	2,567	2,925	17.20	170
2012	4,755,828.28	1,690,921	2,267,741	2,916,111	17.29	168,659
2013	12,665,068.17	4,174,747	5,598,870	8,206,054	17.37	472,427
2014	258,633.00	78,041	104,663	177,247	17.45	10,157
2015	6,309,653.69	1,712,022	2,296,041	4,581,482	17.53	261,351
2016	193,060.63	46,121	61,854	148,582	17.60	8,442
2017	486,442.74	99,311	133,189	397,034	17.66	22,482
2018	2,256,774.69	373,091	500,363	1,959,522	17.73	110,520
2019	1,920,174.19	237,764	318,872	1,774,118	17.79	99,726
2020	706,300.59	55,276	74,132	695,735	17.84	38,999
2021	146,433.25	3,998	5,362	154,250	17.90	8,617
	257,522,092.99	151,029,046	202,549,282	78,149,799		4,994,883
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
1977	989,951.40	807,644	1,083,154	25,592	10.86	2,357
1978	542,012.00	436,125	584,899	22,154	11.26	1,967
1988	272,369.00	184,109	246,914	58,140	15.74	3,694
1995	164,976.00	94,665	126,958	57,815	18.99	3,044
1998	77,255.00	40,726	54,619	31,907	20.31	1,571
2004	104,209.00	44,465	59,633	57,081	22.70	2,515
2007	148,561.00	55,276	74,132	92,256	23.72	3,889
2012	134,541,817.26	36,205,526	48,556,245	102,130,590	25.17	4,057,632
2013	507,925.02	125,022	167,671	401,206	25.42	15,783
2014	692,556.64	153,876	206,367	569,296	25.66	22,186
2015	980,779.74	193,617	259,665	838,808	25.89	32,399
2016	833,777.45	142,708	191,390	742,441	26.11	28,435
2017	2,677,232.17	385,367	516,826	2,481,674	26.31	94,324

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
2018	526,426.18	60,475	81,105	508,493	26.51	19,181
2019	10,502,534.25	884,095	1,185,685	10,577,154	26.70	396,148
2020	2,235,620.67	116,356	156,048	2,347,847	26.88	87,345
2021	4,997,154.03	89,605	120,172	5,476,641	27.05	202,464
	160,795,156.81	40,019,657	53,671,483	126,419,093		4,974,934
LEE CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -11						
2007	52,246,789.30	21,058,758	28,242,490	29,751,446	21.10	1,410,021
2014	894,557.19	222,870	298,897	694,061	22.39	30,999
2015	2,592,352.19	576,740	773,482	2,104,029	22.54	93,346
2016	156,075.20	30,312	40,652	132,591	22.68	5,846
2017	188,966.74	30,949	41,507	168,247	22.82	7,373
2018	1,548,122.80	203,993	273,581	1,444,836	22.94	62,983
2020	160,753.45	9,752	13,079	165,358	23.18	7,134
2021	142,327.92	2,995	4,017	153,967	23.29	6,611
	57,929,944.79	22,136,369	29,687,704	34,614,535		1,624,313
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2002	92,923,526.66	47,598,515	63,835,701	36,521,707	17.69	2,064,540
2003	88,842,731.45	44,138,028	59,194,745	36,755,405	17.89	2,054,522
2010	1,681.23	622	834	982	18.98	52
2011	141,383.77	49,236	66,032	86,663	19.10	4,537
2012	1,506,032.60	489,321	656,242	970,273	19.22	50,482
2013	125,801.64	37,760	50,641	85,225	19.33	4,409
2014	2,190.77	600	805	1,561	19.43	80
2015	8,199.41	2,014	2,701	6,154	19.53	315
2016	17,824.64	3,839	5,149	14,102	19.63	718
2017	32,973.44	6,030	8,087	27,524	19.72	1,396

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2018	380,247.57	56,212	75,387	335,280	19.80	16,933
2019	32,786.25	3,615	4,848	30,561	19.88	1,537
2020	328,445.12	22,628	30,347	324,374	19.96	16,251
	184,343,824.55	92,408,420	123,931,520	75,159,811		4,215,772
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2007	796,671.91	357,017	478,805	349,733	16.43	21,286
2008	44,979.79	19,349	25,949	20,829	16.53	1,260
2009	146,094.02	60,023	80,499	71,439	16.63	4,296
2011	10,732,212.79	3,953,515	5,302,170	5,859,332	16.81	348,562
2012	9,798,741.52	3,382,087	4,535,812	5,654,880	16.89	334,806
2013	11,207,849.23	3,589,049	4,813,374	6,842,789	16.97	403,229
2014	3,379,224.78	991,832	1,330,174	2,184,220	17.04	128,182
2015	4,431,143.98	1,171,176	1,570,697	3,037,693	17.11	177,539
2017	3,524,155.08	701,394	940,659	2,724,462	17.24	158,031
2018	7,818,126.70	1,265,892	1,697,723	6,433,129	17.30	371,857
2019	13,346,737.73	1,611,400	2,161,094	11,719,514	17.36	675,087
2020	13,178,002.53	1,006,504	1,349,851	12,355,272	17.41	709,665
2021	15,317,123.59	408,759	548,198	15,381,610	17.47	880,459
	93,721,063.65	18,517,997	24,835,004	72,634,902		4,214,259
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2009	271,226.85	91,068	122,134	178,928	23.82	7,512
2011	140,451,077.86	41,316,803	55,411,121	100,489,575	24.35	4,126,882
2013	1,190,949.49	296,514	397,663	924,291	24.83	37,225
2014	711,803.22	160,383	215,094	575,007	25.05	22,954
2015	275,793.10	55,226	74,065	232,065	25.26	9,187
2016	1,722,595.36	299,566	401,756	1,510,325	25.46	59,321
2017	134,008.50	19,589	26,271	122,478	25.65	4,775
2018	2,997,613.32	350,370	469,891	2,857,460	25.83	110,626

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.00 PRIME MOVERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2019	7,926,030.77	683,508	916,672	7,881,222	26.00	303,124
2020	4,704,516.37	250,761	336,303	4,885,711	26.17	186,691
2021	422,864.86	7,717	10,349	459,031	26.33	17,434
	160,808,479.70	43,531,505	58,381,320	120,116,092		4,885,731
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -12						
2014	18,939.80	3,761	5,044	16,169	28.86	560
2017	429,982.43	54,385	72,937	408,643	29.85	13,690
2018	121,122,432.09	12,161,661	16,310,344	119,346,780	30.16	3,957,121
2019	2,625,975.15	192,289	257,884	2,683,208	30.45	88,118
2020	1,451,612.29	65,016	87,195	1,538,611	30.73	50,069
2021	111,566.78	1,749	2,346	122,609	30.99	3,956
	125,760,508.54	12,478,861	16,735,750	124,116,020		4,113,514
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 40-R1.5						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -13						
2019	12,164,887.11	872,754	1,170,475	12,575,847	31.27	402,170
2020	55,512.13	2,443	3,276	59,452	31.58	1,883
2021	12,742.93	192	257	14,142	31.87	444
	12,233,142.17	875,389	1,174,009	12,649,442		404,497
	1,053,114,213.20	380,997,244	510,966,072	643,859,694		29,427,903
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					21.9	2.79

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 343.10 PRIME MOVERS - ROTABLE PARTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 6-L4						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. +40						
2015	10,713,309.99	5,238,809	3,078,787	3,349,199	1.11	3,017,296
2019	34,967,151.12	8,706,821	5,116,898	15,863,393	3.51	4,519,485
	45,680,461.11	13,945,630	8,195,685	19,212,592		7,536,781
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 6-L4						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. +40						
2014	6,420,724.03	3,255,307	1,913,106	1,939,328	0.93	1,939,328
2019	35,740,289.49	8,899,332	5,230,035	16,214,139	3.51	4,619,413
	42,161,013.52	12,154,639	7,143,141	18,153,467		6,558,741
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 6-L4						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. +40						
2018	42,938,701.23	14,642,011	8,604,940	17,158,281	2.59	6,624,819
2020	461,854.23	69,278	40,714	236,399	4.50	52,533
	43,400,555.46	14,711,289	8,645,654	17,394,679		6,677,352
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 6-L4						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. +40						
2019	717,644.23	178,693	105,016	325,571	3.51	92,755
	717,644.23	178,693	105,016	325,571		92,755
	131,959,674.32	40,990,251	24,089,496	55,086,309		20,865,629
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..				2.6		15.81

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LINCOLN CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2040						
NET SALVAGE PERCENT.. -9						
1995	57,798,983.33	37,179,976	37,146,400	25,854,492	16.73	1,545,397
1996	18,435,032.89	11,653,221	11,642,697	8,451,488	16.87	500,977
2011	22,720.63	8,829	8,821	15,944	18.23	875
2012	8,509.56	3,093	3,090	6,185	18.29	338
2014	184,547.26	56,957	56,906	144,251	18.38	7,848
2015	526,274.37	146,135	146,003	427,636	18.43	23,203
2016	1,013,008.97	247,645	247,421	856,758	18.47	46,386
2017	15,001.95	3,129	3,126	13,226	18.51	715
2018	15,051.74	2,548	2,546	13,861	18.55	747
2019	3,572.88	452	452	3,443	18.58	185
2020	333,114.29	26,582	26,558	336,537	18.61	18,084
2021	80,976.40	2,260	2,258	86,006	18.64	4,614
	78,436,794.27	49,330,827	49,286,278	36,209,828		2,149,369
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
2012	237,879,496.15	64,877,160	64,818,572	201,606,464	27.96	7,210,532
2015	327,031.52	65,662	65,603	300,673	28.43	10,576
2017	36,546.26	5,355	5,350	35,582	28.70	1,240
2019	252,885.93	21,772	21,752	261,480	28.94	9,035
	238,495,959.86	64,969,949	64,911,277	202,204,198		7,231,383
LEE CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -11						
2014	64,368.81	16,387	16,372	55,077	24.16	2,280
	64,368.81	16,387	16,372	55,077		2,280

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2010	8,406.18	3,180	3,177	5,902	20.37	290
2011	1,976.85	704	703	1,432	20.45	70
2013	29,863.29	9,170	9,162	23,091	20.59	1,121
2014	10,953.85	3,068	3,065	8,765	20.65	424
2015	40,997.07	10,302	10,293	33,984	20.71	1,641
2016	11,942.99	2,630	2,628	10,271	20.77	495
2017	833,947.94	156,247	156,106	744,558	20.82	35,762
2018	3,755.55	568	567	3,489	20.87	167
2019	97,037.75	10,907	10,897	93,904	20.92	4,489
2020	16,022.58	1,127	1,126	16,178	20.96	772
	1,054,904.05	197,903	197,724	941,572		45,231
ON-SITE DIESEL GENERATORS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2028						
NET SALVAGE PERCENT.. 0						
2001	594,058.00	449,019	448,614	145,444	6.37	22,833
2002	563,235.00	420,579	420,199	143,036	6.38	22,419
2004	2,006,455.00	1,457,369	1,456,053	550,402	6.39	86,135
2005	772,169.00	551,746	551,248	220,921	6.40	34,519
2010	2,561,688.37	1,631,078	1,629,605	932,083	6.43	144,958
2011	974,725.24	599,739	599,197	375,528	6.44	58,312
2012	408,777.90	241,952	241,734	167,044	6.44	25,939
2013	1,119,722.53	632,061	631,490	488,232	6.45	75,695
2014	1,135,137.10	606,118	605,571	529,566	6.45	82,103
2015	128,699.91	64,199	64,141	64,559	6.45	10,009
2016	3,699,712.69	1,689,622	1,688,096	2,011,616	6.46	311,396
2017	2,187,816.10	892,366	891,560	1,296,256	6.46	200,659
2018	2,131,118.60	744,719	744,046	1,387,072	6.46	214,717
2019	1,546,244.22	427,212	426,826	1,119,418	6.47	173,017
2021	5,053,182.95	362,515	362,188	4,690,995	6.47	725,038
	24,882,742.61	10,770,294	10,760,568	14,122,175		2,187,749

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2000	213,769,728.82	120,304,302	120,195,659	102,124,859	16.96	6,021,513
2010	161,495.79	64,450	64,392	103,564	17.73	5,841
2012	5,191,243.32	1,832,276	1,830,621	3,568,272	17.83	200,127
2016	9,394.05	2,234	2,232	7,538	18.01	419
2017	1,415,164.30	287,525	287,265	1,184,506	18.04	65,660
2018	293,785.41	48,483	48,439	257,098	18.08	14,220
	220,840,811.69	122,539,270	122,428,609	107,245,835		6,307,780
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2009	260,183.69	88,377	88,297	200,507	26.67	7,518
2011	229,576,829.05	68,465,251	68,403,422	186,426,858	27.03	6,897,035
2013	432,673.16	109,664	109,565	370,702	27.34	13,559
2014	27,343.60	6,274	6,268	24,083	27.48	876
2015	8,168.41	1,667	1,665	7,401	27.62	268
2016	96,068.72	17,019	17,004	89,633	27.75	3,230
2017	53,786.83	8,012	8,005	51,699	27.87	1,855
2019	827,752.38	72,604	72,538	846,267	28.09	30,127
2020	87,567.16	4,755	4,751	92,449	28.19	3,279
	231,370,373.00	68,773,623	68,711,516	188,109,598		6,957,747
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -12						
2018	213,089,745.69	21,567,751	21,548,274	217,112,241	33.62	6,457,830
2019	1,125,155.20	83,197	83,122	1,177,052	33.81	34,814
	214,214,900.89	21,650,948	21,631,396	218,289,293		6,492,644

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.00 GENERATORS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR	ORIGINAL COST	CALCULATED ACCRUED	ALLOC. BOOK RESERVE	FUTURE BOOK ACCRUALS	REM. LIFE	ANNUAL ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 50-R2.5						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -13						
2019	781,766.66	56,555	56,504	826,892	34.94	23,666
2020	75,316.87	3,327	3,324	81,784	35.15	2,327
	857,083.53	59,882	59,828	908,676		25,993
	1,010,217,938.71	338,309,083	338,003,568	768,086,252		31,400,176
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					24.5	3.11

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.66 GENERATORS - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COMMUNITY - SMALL						
SURVIVOR CURVE.. IOWA 20-S2.5						
NET SALVAGE PERCENT.. 0						
2010	22,756,011.73	12,231,356	12,484,089	10,271,923	9.25	1,110,478
2011	4,415,170.51	2,198,755	2,244,187	2,170,983	10.04	216,233
2012	886,108.24	404,508	412,866	473,242	10.87	43,537
	28,057,290.48	14,834,619	15,141,142	12,916,148		1,370,248
MOCKSVILLE						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -11						
2016	29,390,361.36	7,442,680	7,596,465	25,026,836	18.54	1,349,883
2020	3,768.90	277	283	3,901	21.15	184
	29,394,130.26	7,442,957	7,596,748	25,030,737		1,350,067
MONROE						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -14						
2017	91,528,677.92	19,504,780	19,907,801	84,434,892	19.53	4,323,343
2020	10,736.46	796	812	11,427	21.57	530
2021	21,831.49	550	561	24,327	22.15	1,098
	91,561,245.87	19,506,126	19,909,175	84,470,645		4,324,971
WOODLEAF						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -12						
2018	13,905,161.31	2,269,256	2,316,145	13,257,635	20.52	646,084
2020	529.21	38	39	554	21.94	25
	13,905,690.52	2,269,294	2,316,184	13,258,189		646,109

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 344.66 GENERATORS - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
GASTON						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2050						
NET SALVAGE PERCENT.. -12						
2020	33,742,748.79	2,360,103	2,408,869	35,383,010	22.52	1,571,182
	33,742,748.79	2,360,103	2,408,869	35,383,010		1,571,182
MAIDEN CREEK						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -17						
2021	75,170,133.59	1,831,099	1,868,934	86,080,122	23.52	3,659,869
	75,170,133.59	1,831,099	1,868,934	86,080,122		3,659,869
	271,831,239.51	48,244,198	49,241,052	257,138,851		12,922,446
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					19.9	4.75

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LINCOLN CTS						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 12-2040						
NET SALVAGE PERCENT.. -9						
1995	19,821,003.31	12,434,480	16,782,742	4,822,152	15.93	302,709
1996	2,620,776.00	1,615,947	2,181,034	675,612	16.07	42,042
2001	89,049.00	49,472	66,772	30,291	16.69	1,815
2002	59,910.00	32,456	43,806	21,496	16.80	1,280
2008	1,295,433.16	573,705	774,326	637,696	17.33	36,797
2009	172,415.26	72,886	98,374	89,559	17.41	5,144
2012	477,529.64	169,451	228,707	291,800	17.61	16,570
2013	184,667.29	60,761	82,009	119,279	17.67	6,750
2014	633,355.96	191,043	257,850	432,508	17.72	24,408
2015	1,066,428.13	289,253	390,403	772,004	17.78	43,420
2016	71,921.44	17,196	23,209	55,185	17.83	3,095
2017	93,783.18	19,106	25,787	76,436	17.88	4,275
2018	162,437.23	26,884	36,285	140,771	17.93	7,851
2019	54,398.76	6,754	9,116	50,179	17.97	2,792
	26,803,108.36	15,559,394	21,000,419	8,214,969		498,948
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
1978	42,703.00	32,031	43,232	4,595	14.79	311
2012	45,168,498.49	11,955,126	16,135,761	34,452,958	26.24	1,312,994
2013	137,356.85	33,259	44,889	108,950	26.43	4,122
2014	229,641.89	50,321	67,918	189,281	26.60	7,116
2015	199,709.16	38,935	52,550	171,124	26.76	6,395
2016	472,473.76	79,937	107,890	421,280	26.92	15,649
2017	47,985.66	6,829	9,217	44,527	27.07	1,645
2018	23,396.01	2,656	3,585	22,619	27.22	831
2019	830,336.34	69,209	93,411	836,566	27.36	30,576
2021	1,257,439.14	22,083	29,805	1,378,527	27.62	49,910
	48,409,540.30	12,290,386	16,588,259	37,630,426		1,429,549

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LEE CTS						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -11						
2008	9,317.00	3,533	4,768	5,573	22.20	251
2015	65,427.62	14,465	19,523	53,101	23.08	2,301
2016	91,252.90	17,615	23,775	77,516	23.18	3,344
2018	799,278.48	105,089	141,838	745,361	23.37	31,894
2019	35,067.54	3,406	4,597	34,328	23.46	1,463
2020	467,196.31	28,118	37,951	480,637	23.55	20,409
	1,467,539.85	172,226	232,452	1,396,517		59,662
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2002	12,341,910.12	6,249,292	8,434,632	4,894,631	18.58	263,435
2003	1,328,008.68	652,842	881,137	553,112	18.72	29,547
2008	29,033.89	11,851	15,995	15,361	19.29	796
2009	17,162.87	6,670	9,002	9,533	19.39	492
2011	301,054.61	104,357	140,850	184,289	19.57	9,417
2013	779,390.86	233,179	314,720	527,022	19.73	26,712
2014	767,572.42	209,508	282,772	546,207	19.81	27,572
2016	432,044.03	92,762	125,200	341,407	19.95	17,113
2017	427,478.01	78,189	105,531	356,145	20.01	17,798
2019	59,989.87	6,588	8,892	55,897	20.14	2,775
2020	594,703.99	41,093	55,463	586,817	20.19	29,065
2021	457,647.47	10,977	14,816	479,444	20.25	23,676
	17,535,996.82	7,697,308	10,389,010	8,549,867		448,398
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2007	931,117.15	416,037	561,523	406,839	16.86	24,130
2009	19,511.50	7,998	10,795	9,497	17.00	559
2010	212,159.04	82,632	111,528	109,117	17.07	6,392
2014	41,609.64	12,197	16,462	26,812	17.30	1,550
2016	216,997.14	50,531	68,201	157,476	17.40	9,050

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2017	201,943.90	40,116	54,144	155,877	17.45	8,933
2018	472,352.40	76,379	103,088	388,158	17.49	22,193
2019	186.54	23	31	163	17.53	9
	2,095,877.31	685,913	925,773	1,253,939		72,816
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
1988	10,980.00	6,956	9,388	2,799	18.72	150
1993	10,128.00	5,794	7,820	3,422	20.59	166
2009	80,856.83	26,612	35,918	53,833	25.03	2,151
2011	45,735,182.15	13,238,263	17,867,602	32,898,450	25.40	1,295,215
2014	32,010.96	7,117	9,606	25,926	25.91	1,001
2016	1,450,191.30	249,682	336,994	1,272,718	26.20	48,577
2018	40,518.53	4,686	6,325	38,651	26.48	1,460
2020	10,645.64	560	756	11,061	26.73	414
2021	1,149,624.73	21,043	28,402	1,247,682	26.84	46,486
	48,520,138.14	13,560,713	18,302,811	35,554,542		1,395,620
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -12						
2018	37,322,855.60	3,673,942	4,958,697	36,842,901	31.34	1,175,587
	37,322,855.60	3,673,942	4,958,697	36,842,901		1,175,587

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.00 ACCESSORY ELECTRIC EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 45-R1.5						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -13						
2019	4,188,010.23	294,832	397,933	4,334,518	32.51	133,329
2020	19,348.43	835	1,127	20,737	32.74	633
2021	13,378.72	199	269	14,849	32.96	451
	4,220,737.38	295,866	399,329	4,370,104		134,413
	186,375,793.76	53,935,748	72,796,750	133,813,265		5,214,993
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					25.7	2.80

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
COMMUNITY - SMALL						
SURVIVOR CURVE.. IOWA 20-S2.5						
NET SALVAGE PERCENT.. 0						
2011	98,890.91	49,248	39,489	59,402	10.04	5,917
2012	890,004.18	406,287	325,775	564,229	10.87	51,907
	988,895.09	455,535	365,264	623,631		57,824
MOCKSVILLE						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -11						
2016	2,281,560.00	577,772	463,277	2,069,255	18.54	111,610
	2,281,560.00	577,772	463,277	2,069,255		111,610
MONROE						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -14						
2017	12,869,692.16	2,742,534	2,199,058	12,472,391	19.53	638,627
	12,869,692.16	2,742,534	2,199,058	12,472,391		638,627
GASTON						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2050						
NET SALVAGE PERCENT.. -12						
2020	4,608,876.97	322,363	258,481	4,903,461	22.52	217,738
	4,608,876.97	322,363	258,481	4,903,461		217,738

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 345.66 ACCESSORY ELECTRIC EQUIPMENT - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MAIDEN CREEK						
INTERIM SURVIVOR CURVE.. IOWA 25-S2.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -17						
2021	6,577,386.69	160,221	128,471	7,567,071	23.52	321,729
	6,577,386.69	160,221	128,471	7,567,071		321,729
	27,326,410.91	4,258,425	3,414,551	27,635,809		1,347,528
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					20.5	4.93

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LINCOLN CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 12-2040						
NET SALVAGE PERCENT.. -9						
1995	1,743,360.40	1,141,507	1,068,346	831,916	14.61	56,942
1996	11,863.00	7,618	7,130	5,801	14.87	390
1997	12,967.00	8,160	7,637	6,497	15.11	430
1998	27,496.00	16,951	15,865	14,106	15.33	920
1999	32,818.00	19,787	18,519	17,253	15.55	1,110
2000	31,718.00	18,683	17,486	17,087	15.76	1,084
2001	34,881.00	20,041	18,757	19,264	15.96	1,207
2002	22,790.00	12,750	11,933	12,908	16.15	799
2003	22,173.00	12,066	11,293	12,876	16.32	789
2004	30,626.36	16,170	15,134	18,249	16.49	1,107
2005	39,065.74	19,959	18,680	23,902	16.65	1,436
2006	19,022.28	9,380	8,779	11,955	16.80	712
2007	66,696.51	31,648	29,620	43,080	16.94	2,543
2008	23,896.29	10,872	10,175	15,872	17.07	930
2009	391,878.63	170,082	159,181	267,966	17.20	15,579
2010	68,980.14	28,411	26,590	48,598	17.32	2,806
2011	227,623.48	88,414	82,747	165,362	17.43	9,487
2012	76,259.22	27,739	25,961	57,161	17.53	3,261
2013	53,060.80	17,881	16,735	41,101	17.63	2,331
2014	156,859.96	48,416	45,313	125,664	17.72	7,092
2015	101,028.18	28,060	26,262	83,859	17.81	4,709
2016	482,428.94	117,895	110,339	415,509	17.89	23,226
2017	197,971.96	41,274	38,629	177,161	17.97	9,859
2018	324,226.73	54,930	51,409	301,998	18.04	16,740
2019	1,118,628.66	141,622	132,545	1,086,760	18.11	60,009
2020	123,473.03	9,814	9,185	125,401	18.18	6,898
2021	353,408.83	9,677	9,057	376,159	18.24	20,623
	5,795,202.14	2,129,807	1,993,305	4,323,465		253,019
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
2004	32,100.00	14,356	13,436	22,516	22.52	1,000
2010	15,732.23	5,123	4,795	12,825	24.86	516
2012	4,572,926.77	1,281,188	1,199,075	3,922,603	25.51	153,767
2013	749,517.84	192,119	179,806	659,654	25.81	25,558
2014	265,806.67	61,461	57,522	240,182	26.10	9,202

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
DAN RIVER COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2052						
NET SALVAGE PERCENT.. -12						
2015	2,433,192.00	498,789	466,821	2,258,354	26.38	85,609
2016	71,754.52	12,743	11,926	68,439	26.64	2,569
2017	408,455.97	61,054	57,141	400,330	26.88	14,893
2018	311,169.06	37,092	34,715	313,795	27.12	11,571
2019	383,221.16	33,440	31,297	397,911	27.34	14,554
2020	187,361.77	10,079	9,433	200,412	27.55	7,274
	9,431,237.99	2,207,444	2,065,966	8,497,021		326,513
LEE CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -11						
2014	38,409.21	9,864	9,232	33,402	22.79	1,466
2015	53,534.79	12,279	11,492	47,932	22.96	2,088
2016	365,888.19	73,137	68,450	337,686	23.13	14,599
2017	165,549.23	27,963	26,171	157,589	23.29	6,766
2018	158,636.54	21,500	20,122	155,964	23.44	6,654
2019	199,847.33	20,027	18,743	203,087	23.58	8,613
2020	39,302.66	2,449	2,292	41,334	23.71	1,743
	1,021,167.95	167,219	156,502	976,994		41,929
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2002	2,087,622.46	1,101,546	1,030,947	1,223,686	17.67	69,252
2003	240,320.00	122,983	115,101	144,445	17.90	8,070
2004	18,602.00	9,214	8,623	11,467	18.12	633
2005	367.43	176	165	232	18.33	13
2007	37,669.04	16,640	15,574	25,109	18.71	1,342
2008	101,568.01	42,895	40,146	69,548	18.89	3,682
2009	22,384.63	9,001	8,424	15,751	19.05	827
2010	149,184.95	56,732	53,096	108,024	19.21	5,623
2011	193,479.11	69,171	64,738	144,220	19.36	7,449
2012	100,981.69	33,673	31,515	77,545	19.50	3,977
2013	107,047.46	32,995	30,880	84,731	19.63	4,316

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MILL CREEK CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2043						
NET SALVAGE PERCENT.. -8						
2014	56,772.51	15,937	14,916	46,399	19.76	2,348
2015	11,913.57	2,998	2,806	10,061	19.88	506
2016	262,345.44	57,862	54,154	229,180	19.99	11,465
2017	88,575.38	16,606	15,542	80,120	20.09	3,988
2018	49,532.24	7,496	7,016	46,479	20.19	2,302
2019	92,764.50	10,443	9,774	90,412	20.28	4,458
2021	95,105.89	2,308	2,160	100,554	20.45	4,917
	3,716,236.31	1,608,676	1,505,574	2,507,961		135,168
ROCKINGHAM CTS						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2040						
NET SALVAGE PERCENT.. -4						
2007	305,349.00	140,093	131,114	186,449	16.57	11,252
2008	115,695.64	50,932	47,668	72,656	16.69	4,353
2009	9,790.71	4,115	3,851	6,331	16.81	377
2010	19,139.39	7,645	7,155	12,750	16.92	754
2011	237,294.75	89,379	83,651	163,136	17.03	9,579
2012	39,370.22	13,885	12,995	27,950	17.13	1,632
2013	202,362.92	66,187	61,945	148,512	17.22	8,624
2014	40,581.89	12,153	11,374	30,831	17.31	1,781
2015	54,591.88	14,726	13,782	42,993	17.39	2,472
2016	295,079.62	70,080	65,589	241,294	17.47	13,812
2017	56,186.20	11,397	10,667	47,767	17.54	2,723
2018	46,742.06	7,691	7,198	41,414	17.61	2,352
2019	165,073.42	20,378	19,072	152,604	17.67	8,636
2020	43,916.28	3,409	3,191	42,482	17.73	2,396
2021	22,240.20	608	569	22,561	17.79	1,268
	1,653,414.18	512,678	479,820	1,239,731		72,011
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2009	8,163.52	2,854	2,671	6,390	24.01	266
2011	6,073,607.19	1,858,823	1,739,689	5,002,015	24.64	203,004

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
BUCK COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -11						
2012	74,853.48	21,176	19,819	63,269	24.94	2,537
2013	263,763.38	68,276	63,900	228,877	25.22	9,075
2014	1,212,441.92	283,831	265,640	1,080,171	25.48	42,393
2015	2,210,438.92	458,796	429,391	2,024,196	25.74	78,640
2016	80,643.83	14,544	13,612	75,903	25.98	2,922
2017	558,133.84	84,510	79,094	540,435	26.21	20,619
2018	226,652.13	27,408	25,651	225,932	26.42	8,552
2019	1,085,703.35	96,615	90,423	1,114,708	26.62	41,875
2020	709,102.50	38,781	36,295	750,808	26.82	27,994
2021	143,200.51	2,720	2,546	156,407	27.00	5,793
	12,646,704.57	2,958,334	2,768,731	11,269,111		443,670
LEE COMBINED CYCLE						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 6-2058						
NET SALVAGE PERCENT.. -12						
2018	5,996,312.10	629,747	589,386	6,126,484	30.83	198,718
2019	73,556.81	5,637	5,276	77,108	31.18	2,473
2020	263,157.35	12,367	11,574	283,162	31.51	8,986
2021	258,212.03	4,121	3,857	285,341	31.83	8,965
	6,591,238.29	651,872	610,093	6,772,094		219,142
CLEMSON COMBINED HEAT AND POWER PLANT						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -13						
2019	2,151,202.90	162,333	151,929	2,278,930	32.00	71,217
2020	66,170.43	3,057	2,861	71,912	32.37	2,222
	2,217,373.33	165,390	154,790	2,350,842		73,439

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.00 MISCELLANEOUS POWER PLANT EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
LARK MAINTENANCE FACILITY						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -5						
2004	95,660.00	37,919	35,489	64,954	24.42	2,660
2005	124,325.00	46,911	43,904	86,637	25.03	3,461
2012	83,964.97	19,844	18,572	69,591	28.92	2,406
2013	8,950.00	1,919	1,796	7,601	29.42	258
2014	902,021.59	173,428	162,313	784,810	29.89	26,257
2015	1,405,980.10	238,227	222,959	1,253,321	30.35	41,296
2016	799,412.36	116,456	108,992	730,391	30.79	23,722
2017	909,925.82	110,189	103,127	852,295	31.22	27,300
2018	3,582,597.43	343,747	321,716	3,440,012	31.62	108,792
2019	3,594,145.73	252,018	235,866	3,537,987	32.00	110,562
2020	1,586,781.06	68,128	63,762	1,602,359	32.37	49,501
2021	1,303,490.16	18,970	17,754	1,350,910	32.72	41,287
	14,397,254.22	1,427,756	1,336,248	13,780,869		437,502
SHARED DEPARTMENT PLANT						
INTERIM SURVIVOR CURVE.. IOWA 40-R2						
PROBABLE RETIREMENT YEAR.. 12-2059						
NET SALVAGE PERCENT.. -5						
2014	33,014.37	6,348	5,941	28,724	29.89	961
2015	5,314.27	900	842	4,738	30.35	156
2016	40,792.67	5,943	5,562	37,270	30.79	1,210
	79,121.31	13,191	12,346	70,731		2,327
	57,548,950.29	11,842,367	11,083,375	51,788,819		2,004,720
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 25.8						3.48

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 346.66 MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MOCKSVILLE						
INTERIM SURVIVOR CURVE.. IOWA 35-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2046						
NET SALVAGE PERCENT.. -11						
2021	16,512.10	374	577	17,751	23.04	770
	16,512.10	374	577	17,751		770
MONROE						
INTERIM SURVIVOR CURVE.. IOWA 35-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2047						
NET SALVAGE PERCENT.. -14						
2020	233,085.32	15,239	23,521	242,196	23.67	10,232
2021	36,496.46	821	1,267	40,339	23.85	1,691
	269,581.78	16,060	24,788	282,535		11,923
WOODLEAF						
INTERIM SURVIVOR CURVE.. IOWA 35-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2048						
NET SALVAGE PERCENT.. -12						
2021	4,928.26	106	164	5,356	24.63	217
	4,928.26	106	164	5,356		217
MAIDEN CREEK						
INTERIM SURVIVOR CURVE.. IOWA 35-R2.5						
PROBABLE RETIREMENT YEAR.. 6-2051						
NET SALVAGE PERCENT.. -17						
2021	11,626.35	234	361	13,242	26.85	493
	11,626.35	234	361	13,242		493
	302,648.49	16,774	25,890	318,884		13,403

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 23.8 4.43

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 350.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 80-R4						
NET SALVAGE PERCENT.. 0						
1929	6,052.66	5,513	6,053			
1932	1,367.00	1,229	1,367			
1933	719.00	644	719			
1934	4,907.00	4,373	4,907			
1935	663.00	588	663			
1936	14.00	12	14			
1939	120.00	104	120			
1941	16,447.00	14,087	16,447			
1942	3,881.00	3,302	3,881			
1943	147.00	124	147			
1944	4,901.00	4,109	4,901			
1945	872.00	725	872			
1947	203.00	166	200	3	14.58	
1951	10.00	8	10			
1952	1,285.00	1,001	1,204	81	17.67	5
1954	961.00	733	882	79	19.01	4
1955	894.00	674	811	83	19.68	4
1956	4,977.00	3,710	4,462	515	20.37	25
1957	45.00	33	40	5	21.07	
1960	6,797,664.73	4,825,526	5,803,236	994,429	23.21	42,845
1961	979,429.00	686,208	825,242	154,187	23.95	6,438
1962	540,407.00	373,627	449,328	91,079	24.69	3,689
1963	1,311,684.00	894,568	1,075,818	235,866	25.44	9,271
1964	1,239,326.00	833,447	1,002,313	237,013	26.20	9,046
1965	1,605,446.00	1,064,218	1,279,841	325,605	26.97	12,073
1966	1,579,546.00	1,031,633	1,240,654	338,892	27.75	12,212
1967	1,460,142.00	939,236	1,129,537	330,605	28.54	11,584
1968	3,308,079.00	2,094,841	2,519,281	788,798	29.34	26,885
1969	2,288,024.00	1,425,714	1,714,581	573,443	30.15	19,020
1970	2,999,007.00	1,838,031	2,210,438	788,569	30.97	25,462
1971	2,349,811.04	1,416,043	1,702,950	646,861	31.79	20,348
1972	9,292,825.00	5,502,468	6,617,334	2,675,491	32.63	81,995
1973	3,158,086.00	1,836,806	2,208,965	949,121	33.47	28,357
1974	7,582,325.00	4,329,508	5,206,718	2,375,607	34.32	69,219
1975	6,752,178.33	3,782,908	4,549,371	2,202,807	35.18	62,615
1976	4,417,045.00	2,426,636	2,918,302	1,498,743	36.05	41,574
1977	1,207,092.88	649,875	781,547	425,546	36.93	11,523
1978	5,057,471.00	2,667,209	3,207,618	1,849,853	37.81	48,925
1979	2,871,900.00	1,482,618	1,783,014	1,088,886	38.70	28,137
1980	3,008,661.00	1,519,374	1,827,217	1,181,444	39.60	29,834
1981	5,056,712.00	2,496,094	3,001,833	2,054,879	40.51	50,725
1982	4,993,081.00	2,407,913	2,895,785	2,097,296	41.42	50,635
1983	3,226,426.00	1,518,840	1,826,575	1,399,851	42.34	33,062

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 350.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 80-R4						
NET SALVAGE PERCENT.. 0						
1984	2,200,577.00	1,010,615	1,215,378	985,199	43.26	22,774
1985	3,470,895.00	1,553,642	1,868,429	1,602,466	44.19	36,263
1986	1,559,136.00	679,783	817,515	741,621	45.12	16,437
1987	1,036,473.00	439,724	528,817	507,656	46.06	11,022
1988	669,720.00	276,179	332,136	337,584	47.01	7,181
1989	2,509,827.00	1,005,186	1,208,849	1,300,978	47.96	27,126
1990	8,657,445.00	3,364,456	4,046,135	4,611,310	48.91	94,282
1991	1,830,753.00	689,498	829,199	1,001,554	49.87	20,083
1992	2,339,354.00	852,975	1,025,798	1,313,556	50.83	25,842
1993	1,449,683.00	511,187	614,760	834,923	51.79	16,121
1994	2,359,167.00	803,296	966,053	1,393,114	52.76	26,405
1995	3,045,631.00	1,000,124	1,202,761	1,842,870	53.73	34,299
1996	1,612,108.00	509,829	613,127	998,981	54.70	18,263
1997	2,172,363.00	660,398	794,203	1,378,160	55.68	24,751
1998	1,456,790.00	425,018	511,132	945,658	56.66	16,690
1999	877,234.00	245,187	294,865	582,369	57.64	10,104
2000	2,280,322.00	609,416	732,891	1,547,431	58.62	26,398
2001	1,699,698.00	433,219	520,994	1,178,704	59.61	19,774
2002	873,214.00	211,859	254,784	618,430	60.59	10,207
2003	865,593.00	199,303	239,684	625,909	61.58	10,164
2004	2,150,689.00	468,592	563,534	1,587,155	62.57	25,366
2005	3,256,465.00	669,204	804,793	2,451,672	63.56	38,573
2006	2,111,765.52	407,824	490,454	1,621,312	64.55	25,117
2007	2,422,038.18	437,783	526,483	1,895,555	65.54	28,922
2008	6,472,291.91	1,088,963	1,309,600	5,162,692	66.54	77,588
2009	3,032,801.47	472,753	568,538	2,464,263	67.53	36,491
2010	2,957,645.11	424,067	509,988	2,447,657	68.53	35,717
2011	4,287,918.76	561,717	675,528	3,612,391	69.52	51,962
2012	1,820,772.78	215,762	259,478	1,561,295	70.52	22,140
2013	2,057,824.85	218,376	262,622	1,795,203	71.51	25,104
2014	681,498.18	63,802	76,729	604,769	72.51	8,340
2015	126,105.32	10,230	12,303	113,802	73.51	1,548
2016	3,641,538.10	249,882	300,511	3,341,027	74.51	44,840
2017	2,040,303.21	114,502	137,701	1,902,602	75.51	25,197
2018	488,552.11	21,374	25,705	462,847	76.50	6,050
2019	14,481.68	453	545	13,937	77.50	180
2020	301.50	6	7	294	78.50	4
2021	223,453.42	1,397	1,680	221,773	79.50	2,790
	163,883,263.74	68,992,057	82,968,907	80,914,357		1,665,627

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 48.6 1.02

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 43-R2						
NET SALVAGE PERCENT.. -10						
1967	34,907.33	31,888	18,377	20,021	7.29	2,746
1968	121,506.56	109,941	63,359	70,298	7.63	9,213
1969	159,562.71	142,946	82,380	93,139	7.98	11,672
1970	83,342.04	73,896	42,587	49,089	8.34	5,886
1971	192,340.87	168,718	97,233	114,342	8.71	13,128
1972	256,715.74	222,691	128,338	154,049	9.09	16,947
1973	573,887.91	491,954	283,515	347,762	9.49	36,645
1974	84,623.23	71,676	41,307	51,779	9.89	5,235
1975	18,862.58	15,774	9,091	11,658	10.31	1,131
1976	74,821.07	61,727	35,573	46,730	10.75	4,347
1977	314,920.74	256,183	147,639	198,774	11.20	17,748
1978	195,491.19	156,730	90,324	124,716	11.66	10,696
1979	230,266.67	181,842	104,796	148,497	12.13	12,242
1980	138,788.07	107,861	62,161	90,506	12.62	7,172
1981	753,303.38	575,610	331,726	496,908	13.13	37,845
1982	199,886.91	150,129	86,520	133,356	13.64	9,777
1983	247,401.19	182,397	105,116	167,025	14.18	11,779
1984	598,974.75	433,320	249,724	409,148	14.72	27,795
1985	47,233.03	33,494	19,303	32,653	15.28	2,137
1986	73,497.57	51,047	29,419	51,428	15.85	3,245
1987	40,122.74	27,261	15,711	28,424	16.44	1,729
1988	2,582,751.23	1,715,838	988,843	1,852,183	17.03	108,760
1989	610,799.64	396,254	228,362	443,518	17.64	25,143
1990	905,997.70	573,163	330,316	666,281	18.27	36,469
1991	398,894.03	245,925	141,727	297,056	18.90	15,717
1992	249,675.52	149,777	86,317	188,326	19.55	9,633
1993	1,178,063.77	686,811	395,811	900,059	20.21	44,535
1994	82,385.27	46,619	26,867	63,757	20.88	3,053
1995	1,610,625.83	883,364	509,086	1,262,602	21.56	58,562
1996	184,464.22	97,870	56,403	146,508	22.26	6,582
1997	566,265.28	290,299	167,300	455,592	22.96	19,843
1998	180,724.21	89,365	51,501	147,296	23.67	6,223
1999	103,229.74	49,118	28,307	85,246	24.40	3,494
2000	1,905,711.29	871,173	502,060	1,594,222	25.13	63,439
2001	840,546.43	368,121	212,149	712,452	25.88	27,529
2002	2,414,212.69	1,011,000	582,643	2,072,991	26.63	77,844
2003	420,791.77	167,925	96,776	366,095	27.40	13,361
2004	608,197.90	230,731	132,971	536,047	28.17	19,029
2005	4,815,467.56	1,730,746	997,434	4,299,580	28.95	148,517
2006	2,399,861.32	813,443	468,790	2,171,057	29.75	72,977
2007	1,884,183.98	600,081	345,829	1,726,773	30.55	56,523
2008	1,667,903.31	497,074	286,465	1,548,229	31.35	49,385
2009	834,714.24	231,254	133,272	784,914	32.17	24,399

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 352.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 43-R2						
NET SALVAGE PERCENT.. -10						
2010	7,714,790.96	1,973,567	1,137,373	7,348,897	33.00	222,694
2011	4,316,741.68	1,012,647	583,592	4,164,824	33.83	123,110
2012	4,899,720.92	1,044,091	601,713	4,787,980	34.67	138,102
2013	10,032,108.99	1,919,594	1,106,268	9,929,052	35.52	279,534
2014	5,712,576.81	968,904	558,383	5,725,451	36.37	157,422
2015	4,255,010.84	628,078	361,963	4,318,549	37.23	115,996
2016	4,504,970.79	564,676	325,425	4,630,043	38.10	121,523
2017	19,451,632.99	2,000,386	1,152,829	20,243,967	38.98	519,342
2018	8,433,909.73	677,428	390,404	8,886,897	39.86	222,953
2019	53,438,723.20	3,076,093	1,772,762	57,009,834	40.75	1,399,014
2020	5,898,204.33	203,724	117,407	6,370,618	41.65	152,956
2021	29,881,051.12	344,140	198,329	32,670,827	42.55	767,822
	189,425,365.57	29,706,364	17,119,876	191,248,026		5,360,600

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 35.7 2.83

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1.5						
NET SALVAGE PERCENT.. -15						
1919	5,289.25	6,083	6,083			
1929	632.68	728	728			
1933	121.55	138	138	2	0.64	2
1940	61.60	66	66	5	2.92	2
1941	427,391.72	456,879	456,507	34,993	3.17	11,039
1942	369,481.60	392,705	392,385	32,519	3.41	9,536
1943	348.78	369	369	32	3.64	9
1944	364.69	383	383	36	3.86	9
1949	9,053.47	9,243	9,235	1,176	5.05	233
1950	17,182.94	17,433	17,419	2,341	5.30	442
1951	235,906.20	237,771	237,577	33,715	5.56	6,064
1952	13,472.29	13,486	13,475	2,018	5.83	346
1953	95,987.61	95,398	95,320	15,066	6.11	2,466
1954	101,945.61	100,590	100,508	16,729	6.39	2,618
1955	93,187.47	91,282	91,208	15,958	6.67	2,393
1956	12,785.44	12,429	12,419	2,284	6.96	328
1957	17,273.80	16,664	16,650	3,215	7.25	443
1960	10,989,170.64	10,345,980	10,337,555	2,299,991	8.16	281,862
1961	1,703,498.56	1,589,865	1,588,570	370,453	8.48	43,685
1962	1,098,822.95	1,016,528	1,015,700	247,946	8.80	28,176
1963	1,504,900.55	1,379,888	1,378,764	351,872	9.12	38,582
1964	2,454,498.63	2,229,291	2,227,476	595,197	9.46	62,917
1965	2,278,314.77	2,049,465	2,047,796	572,266	9.80	58,394
1966	2,195,312.07	1,955,158	1,953,566	571,043	10.15	56,260
1967	4,439,225.24	3,911,637	3,908,452	1,196,657	10.52	113,751
1968	2,622,695.06	2,286,203	2,284,341	731,758	10.89	67,195
1969	10,158,186.14	8,756,296	8,749,166	2,932,748	11.27	260,226
1970	2,864,233.27	2,440,394	2,438,407	855,461	11.66	73,367
1971	8,965,839.34	7,547,444	7,541,298	2,769,417	12.06	229,637
1972	13,765,736.52	11,443,780	11,434,461	4,396,136	12.47	352,537
1973	14,576,019.80	11,960,994	11,951,254	4,811,169	12.89	373,248
1974	12,775,804.13	10,340,059	10,331,639	4,360,536	13.33	327,122
1975	23,084,617.08	18,423,833	18,408,830	8,138,480	13.77	591,030
1976	9,043,163.85	7,111,065	7,105,274	3,294,364	14.23	231,508
1977	8,844,145.00	6,848,282	6,842,705	3,328,062	14.70	226,399
1978	10,138,563.25	7,726,300	7,720,008	3,939,340	15.18	259,509
1979	8,682,211.09	6,505,529	6,500,232	3,484,311	15.68	222,214
1980	6,306,375.60	4,644,683	4,640,901	2,611,431	16.18	161,399
1981	24,974,732.34	18,062,313	18,047,605	10,673,337	16.70	639,122
1982	14,652,542.38	10,402,272	10,393,801	6,456,623	17.22	374,949
1983	25,903,692.19	18,032,324	18,017,640	11,771,606	17.76	662,816
1984	18,913,337.56	12,900,343	12,889,838	8,860,500	18.31	483,916
1985	8,624,006.01	5,758,857	5,754,168	4,163,439	18.87	220,638

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 353.00 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1.5						
NET SALVAGE PERCENT.. -15						
1986	10,542,699.39	6,883,824	6,878,218	5,245,886	19.45	269,711
1987	6,852,710.58	4,372,876	4,369,315	3,511,302	20.03	175,302
1988	8,038,758.17	5,008,524	5,004,446	4,240,126	20.62	205,632
1989	18,417,078.47	11,187,510	11,178,400	10,001,240	21.23	471,090
1990	23,181,038.92	13,720,173	13,709,001	12,949,194	21.84	592,912
1991	39,048,900.39	22,493,084	22,474,768	22,431,467	22.46	998,730
1992	16,047,742.36	8,981,448	8,974,134	9,480,770	23.10	410,423
1993	33,739,412.09	18,330,825	18,315,898	20,484,426	23.74	862,865
1994	18,410,036.79	9,696,566	9,688,670	11,482,872	24.39	470,802
1995	29,207,819.55	14,891,008	14,878,882	18,710,110	25.05	746,911
1996	10,569,001.95	5,207,411	5,203,171	6,951,181	25.72	270,264
1997	8,338,065.34	3,963,328	3,960,101	5,628,674	26.40	213,207
1998	15,043,731.33	6,885,516	6,879,909	10,420,382	27.09	384,658
1999	10,166,282.08	4,473,881	4,470,238	7,220,986	27.78	259,935
2000	28,144,770.11	11,882,061	11,872,385	20,494,101	28.48	719,596
2001	31,112,344.13	12,570,305	12,560,069	23,219,127	29.19	795,448
2002	40,281,864.11	15,544,530	15,531,872	30,792,272	29.90	1,029,842
2003	29,510,146.20	10,836,996	10,828,171	23,108,497	30.63	754,440
2004	41,519,629.43	14,472,767	14,460,982	33,286,592	31.36	1,061,435
2005	31,628,762.97	10,435,072	10,426,575	25,946,502	32.09	808,554
2006	33,631,268.38	10,459,526	10,451,009	28,224,950	32.83	859,730
2007	53,387,441.12	15,580,965	15,568,277	45,827,280	33.58	1,364,719
2008	42,744,218.88	11,655,344	11,645,853	37,509,999	34.33	1,092,630
2009	31,115,929.40	7,880,202	7,873,785	27,909,534	35.09	795,370
2010	63,425,002.05	14,830,637	14,818,560	58,120,192	35.85	1,621,205
2011	66,885,359.03	14,323,700	14,312,036	62,606,127	36.62	1,709,616
2012	84,012,744.46	16,338,504	16,325,199	80,289,457	37.39	2,147,351
2013	66,424,010.03	11,594,112	11,584,671	64,802,941	38.17	1,697,745
2014	87,248,278.77	13,489,107	13,478,123	86,857,398	38.95	2,229,972
2015	97,256,277.64	13,073,529	13,062,883	98,781,836	39.74	2,485,703
2016	73,836,374.52	8,415,612	8,408,759	76,503,072	40.54	1,887,101
2017	222,933,685.28	20,850,876	20,833,897	235,539,841	41.34	5,697,626
2018	159,499,751.23	11,658,475	11,648,981	171,775,733	42.14	4,076,311
2019	211,661,933.55	11,089,815	11,080,784	232,330,440	42.95	5,409,323
2020	174,755,491.50	5,492,478	5,488,005	195,480,810	43.77	4,466,091
2021	136,029,824.58	1,425,116	1,423,956	155,010,342	44.59	3,476,348
	2,307,608,515.50	597,116,133	596,629,900	2,057,119,893		58,994,987

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 34.9 2.56

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 70-R2.5						
NET SALVAGE PERCENT.. -40						
1960	10,089,000.44	9,873,096	12,044,169	2,080,432	21.07	98,739
1961	503,889.62	487,364	594,534	110,911	21.64	5,125
1962	516,841.59	493,893	602,499	121,079	22.22	5,449
1963	2,448,024.36	2,310,436	2,818,496	608,738	22.81	26,687
1964	2,053,685.32	1,913,620	2,334,421	540,738	23.41	23,099
1965	2,274,354.89	2,091,506	2,551,424	632,673	24.02	26,339
1966	2,263,377.70	2,053,336	2,504,860	663,869	24.64	26,943
1967	2,402,289.53	2,149,088	2,621,668	741,537	25.27	29,345
1968	3,487,191.23	3,075,019	3,751,209	1,130,859	25.91	43,646
1969	8,212,522.12	7,135,023	8,704,000	2,793,531	26.56	105,178
1970	7,062,074.44	6,042,283	7,370,968	2,515,936	27.22	92,430
1971	3,018,496.66	2,542,763	3,101,911	1,123,984	27.88	40,315
1972	25,463,374.18	21,104,045	25,744,780	9,903,944	28.56	346,777
1973	11,358,411.11	9,259,445	11,295,578	4,606,198	29.24	157,531
1974	35,528,506.57	28,465,653	34,725,191	15,014,718	29.94	501,494
1975	9,755,297.48	7,679,429	9,368,119	4,289,297	30.64	139,990
1976	4,418,195.13	3,415,247	4,166,253	2,019,220	31.35	64,409
1977	12,914,087.07	9,799,209	11,954,035	6,125,687	32.06	191,069
1978	5,080,560.61	3,780,943	4,612,364	2,500,421	32.79	76,256
1979	4,711,769.55	3,437,688	4,193,628	2,402,849	33.52	71,684
1980	4,904,816.14	3,505,953	4,276,905	2,589,838	34.26	75,594
1981	10,845,739.04	7,589,892	9,258,893	5,925,142	35.01	169,241
1982	14,659,080.53	10,038,480	12,245,921	8,276,792	35.76	231,454
1983	7,099,907.51	4,754,141	5,799,567	4,140,304	36.52	113,371
1984	9,087,840.21	5,945,320	7,252,683	5,470,293	37.29	146,696
1985	6,858,748.58	4,381,410	5,344,873	4,257,375	38.06	111,860
1986	7,628,505.47	4,752,559	5,797,637	4,882,271	38.85	125,670
1987	3,221,468.56	1,956,733	2,387,015	2,123,041	39.63	53,572
1988	4,361,984.71	2,579,686	3,146,954	2,959,825	40.43	73,209
1989	10,680,465.88	6,145,540	7,496,931	7,455,721	41.23	180,832
1990	13,459,166.35	7,529,031	9,184,649	9,658,184	42.03	229,793
1991	14,658,252.32	7,959,490	9,709,765	10,811,788	42.85	252,317
1992	1,821,151.22	959,011	1,169,896	1,379,716	43.67	31,594
1993	3,994,567.51	2,038,036	2,486,196	3,106,199	44.49	69,818
1994	11,415,489.49	5,634,663	6,873,714	9,107,971	45.32	200,970
1995	12,635,261.16	6,024,467	7,349,235	10,340,131	46.16	224,006
1996	6,365,206.92	2,927,982	3,571,839	5,339,451	47.00	113,605
1997	4,644,589.82	2,057,563	2,510,017	3,992,409	47.85	83,436
1998	1,298,253.32	553,064	674,682	1,142,873	48.70	23,468
1999	2,213,622.38	904,929	1,103,921	1,995,150	49.56	40,257
2000	3,587,397.92	1,404,804	1,713,717	3,308,640	50.42	65,622
2001	4,162,585.39	1,557,664	1,900,191	3,927,429	51.29	76,573
2002	5,440,336.05	1,941,134	2,367,985	5,248,485	52.16	100,623

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 354.00 TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 70-R2.5						
NET SALVAGE PERCENT.. -40						
2003	5,180,660.39	1,757,311	2,143,740	5,109,185	53.04	96,327
2004	5,421,706.27	1,742,526	2,125,704	5,464,685	53.93	101,329
2005	4,172,073.08	1,267,476	1,546,191	4,294,711	54.81	78,356
2006	14,486,129.81	4,143,120	5,054,183	15,226,399	55.70	273,364
2007	18,874,630.81	5,058,439	6,170,779	20,253,704	56.60	357,839
2008	4,882,238.97	1,220,550	1,488,946	5,346,189	57.50	92,977
2009	3,782,272.66	876,723	1,069,513	4,225,669	58.41	72,345
2010	27,711,843.94	5,924,626	7,227,439	31,569,143	59.31	532,274
2011	6,907,989.01	1,349,807	1,646,627	8,024,558	60.23	133,232
2012	47,356,486.15	8,391,475	10,236,743	56,062,338	61.14	916,950
2013	31,712,730.78	5,036,045	6,143,461	38,254,362	62.06	616,409
2014	21,593,437.69	3,031,848	3,698,545	26,532,268	62.98	421,281
2015	15,507,023.05	1,888,755	2,304,088	19,405,744	63.91	303,642
2016	12,671,984.62	1,307,673	1,595,228	16,145,550	64.84	249,006
2017	18,713,919.44	1,583,235	1,931,385	24,268,102	65.77	368,984
2018	12,031,149.53	791,650	965,732	15,877,877	66.71	238,013
2019	36,655,703.90	1,729,929	2,110,337	49,207,648	67.64	727,493
2020	30,016,494.55	852,649	1,040,144	40,982,948	68.58	597,593
2021	15,236,683.39	143,133	174,608	21,156,749	69.53	304,282
	651,521,544.12	268,347,608	327,356,686	584,773,476		11,347,782

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 51.5 1.74

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 48-R1						
NET SALVAGE PERCENT.. -40						
1968	532,034.58	511,152	487,182	257,666	15.06	17,109
1969	1,153,580.95	1,093,170	1,041,908	573,105	15.51	36,951
1970	1,096,779.60	1,024,618	976,570	558,921	15.97	34,998
1971	558,648.58	514,400	490,278	291,830	16.43	17,762
1972	1,098,400.08	996,023	949,316	588,444	16.91	34,799
1973	563,655.97	503,229	479,631	309,487	17.39	17,797
1974	2,653,943.63	2,332,270	2,222,902	1,492,619	17.87	83,527
1975	1,284,262.39	1,109,867	1,057,822	740,145	18.37	40,291
1976	403,646.42	342,951	326,869	238,236	18.87	12,625
1977	1,397,120.42	1,166,657	1,111,949	844,020	19.37	43,574
1978	484,567.11	397,281	378,651	299,743	19.89	15,070
1979	1,304,077.15	1,049,399	1,000,189	825,519	20.41	40,447
1980	1,656,765.41	1,307,602	1,246,284	1,073,188	20.94	51,251
1981	1,952,885.96	1,510,557	1,439,722	1,294,318	21.48	60,257
1982	1,296,751.18	982,613	936,535	878,917	22.02	39,914
1983	1,868,808.71	1,386,107	1,321,108	1,295,224	22.57	57,387
1984	3,166,655.10	2,296,990	2,189,276	2,244,041	23.13	97,019
1985	1,114,312.80	790,097	753,047	806,991	23.69	34,065
1986	3,008,946.49	2,082,588	1,984,928	2,227,597	24.27	91,784
1987	1,530,029.24	1,033,085	984,640	1,157,401	24.85	46,575
1988	2,814,802.46	1,852,968	1,766,076	2,174,647	25.43	85,515
1989	3,016,136.09	1,932,722	1,842,090	2,380,501	26.03	91,452
1990	2,818,746.82	1,756,908	1,674,521	2,271,725	26.63	85,307
1991	2,940,545.88	1,781,365	1,697,831	2,418,933	27.23	88,833
1992	2,459,152.93	1,445,259	1,377,486	2,065,328	27.85	74,159
1993	2,628,606.55	1,497,338	1,427,123	2,252,926	28.47	79,133
1994	3,614,640.58	1,993,633	1,900,145	3,160,352	29.09	108,640
1995	3,818,525.72	2,035,893	1,940,423	3,405,513	29.72	114,587
1996	2,944,537.60	1,514,965	1,443,923	2,678,430	30.36	88,222
1997	3,394,654.38	1,682,201	1,603,317	3,149,199	31.01	101,554
1998	4,957,283.48	2,363,970	2,253,116	4,687,081	31.65	148,091
1999	3,877,300.39	1,774,377	1,691,170	3,737,051	32.31	115,662
2000	11,472,465.67	5,032,535	4,796,543	11,264,909	32.96	341,775
2001	7,290,751.72	3,055,787	2,912,491	7,294,561	33.63	216,906
2002	17,655,013.74	7,059,675	6,728,623	17,988,396	34.29	524,596
2003	10,975,237.59	4,174,300	3,978,553	11,386,780	34.96	325,709
2004	17,621,704.54	6,352,624	6,054,728	18,615,658	35.64	522,325
2005	24,307,224.28	8,287,694	7,899,056	26,131,058	36.31	719,666
2006	16,908,821.03	5,429,964	5,175,335	18,497,014	36.99	500,054
2007	12,764,790.72	3,842,202	3,662,028	14,208,679	37.68	377,088
2008	31,169,116.29	8,763,571	8,352,618	35,284,145	38.36	919,816
2009	10,333,876.92	2,697,597	2,571,098	11,896,330	39.05	304,644
2010	14,480,819.34	3,484,549	3,321,147	16,952,000	39.75	426,465

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 355.00 POLES AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 48-R1						
NET SALVAGE PERCENT.. -40						
2011	11,707,284.79	2,581,456	2,460,403	13,929,796	40.44	344,456
2012	18,964,596.77	3,794,588	3,616,647	22,933,788	41.14	557,457
2013	18,467,030.44	3,312,394	3,157,065	22,696,778	41.85	542,336
2014	25,864,021.34	4,111,241	3,918,451	32,291,179	42.55	758,900
2015	22,756,610.34	3,139,411	2,992,193	28,867,061	43.27	667,138
2016	32,879,704.23	3,855,145	3,674,364	42,357,222	43.98	963,102
2017	114,088,287.27	10,980,998	10,466,062	149,257,540	44.70	3,339,095
2018	30,166,840.33	2,261,186	2,155,151	40,078,425	45.43	882,202
2019	28,880,056.17	1,549,762	1,477,088	38,954,991	46.16	843,912
2020	59,583,959.20	1,928,614	1,838,175	81,579,368	46.89	1,739,803
2021	56,987,787.46	615,126	586,281	79,196,621	47.63	1,662,747
	662,736,804.83	140,372,674	133,790,128	794,041,399		19,534,549

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 40.6 2.95

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R2.5						
NET SALVAGE PERCENT.. -40						
1940	3,039.11	3,736	4,255			
1941	11,108.47	13,595	15,552			
1949	447.63	526	612	15	9.68	2
1950	5,519.81	6,442	7,497	231	9.98	23
1954	3,752.74	4,264	4,962	292	11.30	26
1955	18,421.24	20,778	24,180	1,610	11.66	138
1956	1,989.26	2,227	2,592	193	12.03	16
1957	4,937.84	5,482	6,380	533	12.42	43
1960	10,244,902.62	11,077,424	12,891,265	1,451,599	13.66	106,266
1961	901,312.20	965,091	1,123,117	138,720	14.11	9,831
1962	452,484.79	479,651	558,190	75,289	14.57	5,167
1963	1,235,695.08	1,296,321	1,508,583	221,390	15.04	14,720
1964	1,473,503.33	1,528,963	1,779,319	283,586	15.53	18,261
1965	1,858,623.93	1,906,878	2,219,114	382,960	16.03	23,890
1966	2,138,141.82	2,167,729	2,522,678	470,721	16.55	28,442
1967	2,002,653.14	2,005,581	2,333,979	469,735	17.08	27,502
1968	3,143,569.97	3,108,557	3,617,559	783,439	17.62	44,463
1969	5,374,136.90	5,244,083	6,102,761	1,421,031	18.18	78,165
1970	4,573,912.30	4,402,391	5,123,248	1,280,229	18.75	68,279
1971	1,886,356.44	1,789,658	2,082,700	558,199	19.34	28,862
1972	18,622,029.56	17,410,890	20,261,787	5,809,054	19.93	291,473
1973	8,217,726.00	7,566,373	8,805,307	2,699,509	20.54	131,427
1974	23,127,906.18	20,959,943	24,391,970	7,987,099	21.16	377,462
1975	7,346,862.92	6,550,184	7,622,725	2,662,883	21.79	122,207
1976	4,118,906.54	3,609,810	4,200,888	1,565,581	22.44	69,767
1977	8,492,731.55	7,314,263	8,511,916	3,377,908	23.09	146,293
1978	4,008,337.33	3,389,450	3,944,446	1,667,226	23.76	70,169
1979	4,455,005.68	3,697,485	4,302,919	1,934,089	24.43	79,169
1980	5,270,943.70	4,291,075	4,993,705	2,385,616	25.11	95,007
1981	8,397,640.32	6,699,318	7,796,279	3,960,417	25.81	153,445
1982	11,558,565.21	9,032,302	10,511,271	5,670,720	26.51	213,909
1983	5,240,922.82	4,007,409	4,663,591	2,673,701	27.23	98,190
1984	7,123,279.07	5,327,059	6,199,323	3,773,268	27.95	135,001
1985	4,048,883.81	2,958,924	3,443,425	2,225,012	28.68	77,581
1986	6,925,213.15	4,941,403	5,750,519	3,944,779	29.42	134,085
1987	3,422,328.52	2,382,071	2,772,116	2,019,144	30.17	66,926
1988	4,470,656.84	3,033,511	3,530,225	2,728,695	30.92	88,250
1989	8,271,811.04	5,464,044	6,358,738	5,221,797	31.69	164,777
1990	11,685,214.30	7,508,919	8,738,446	7,620,854	32.46	234,777
1991	10,882,379.35	6,794,958	7,907,579	7,327,752	33.24	220,450
1992	2,187,207.01	1,325,364	1,542,382	1,519,708	34.03	44,658
1993	4,199,000.64	2,467,072	2,871,036	3,007,565	34.82	86,375
1994	9,838,914.84	5,594,781	6,510,883	7,263,598	35.63	203,862

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 356.00 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 60-R2.5						
NET SALVAGE PERCENT.. -40						
1995	18,341,252.33	10,082,883	11,733,876	13,943,877	36.44	382,653
1996	6,231,615.26	3,307,978	3,849,634	4,874,627	37.25	130,862
1997	6,526,354.71	3,337,982	3,884,550	5,252,347	38.08	137,929
1998	4,029,479.39	1,982,907	2,307,593	3,333,678	38.91	85,677
1999	3,773,789.23	1,784,014	2,076,132	3,207,173	39.74	80,704
2000	6,333,297.14	2,868,350	3,338,020	5,528,596	40.59	136,206
2001	5,653,667.41	2,448,389	2,849,294	5,065,840	41.44	122,245
2002	15,501,048.19	6,401,933	7,450,199	14,251,268	42.30	336,909
2003	13,560,072.31	5,328,268	6,200,730	12,783,371	43.16	296,186
2004	22,139,630.06	8,250,067	9,600,951	21,394,531	44.03	485,908
2005	26,979,413.60	9,505,873	11,062,385	26,708,794	44.90	594,851
2006	35,656,734.49	11,830,905	13,768,123	36,151,305	45.78	789,675
2007	25,034,161.65	7,786,576	9,061,567	25,986,259	46.67	556,809
2008	28,356,931.83	8,230,940	9,578,692	30,121,013	47.56	633,327
2009	39,402,443.16	10,618,958	12,357,729	42,805,691	48.45	883,502
2010	27,941,006.14	6,943,340	8,080,258	31,037,151	49.35	628,919
2011	29,019,389.09	6,595,004	7,674,884	32,952,261	50.26	655,636
2012	24,094,453.49	4,964,373	5,777,250	27,954,985	51.17	546,316
2013	30,348,948.01	5,608,486	6,526,832	35,961,695	52.08	690,509
2014	25,578,006.95	4,177,860	4,861,952	30,947,258	53.00	583,911
2015	35,463,717.76	5,030,954	5,854,733	43,794,472	53.92	812,212
2016	37,317,103.99	4,484,098	5,218,334	47,025,612	54.85	857,349
2017	38,352,032.72	3,785,346	4,405,167	49,287,679	55.77	883,767
2018	42,814,264.97	3,286,509	3,824,649	56,115,322	56.71	989,514
2019	47,964,087.65	2,640,999	3,073,442	64,076,281	57.64	1,111,663
2020	47,129,510.16	1,561,778	1,817,507	64,163,807	58.58	1,095,319
2021	84,090,512.17	921,800	1,072,738	116,653,979	59.53	1,959,583
	944,879,898.86	322,122,555	374,867,240	947,964,618		20,227,497

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 46.9 2.14

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 357.00 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 55-S4						
NET SALVAGE PERCENT.. 0						
1960	665.00	597	665			
1972	3,577.03	2,921	3,393	184	10.09	18
1973	3,140.00	2,534	2,943	197	10.61	19
1976	46,536.31	36,104	41,935	4,601	12.33	373
1987	50,980.00	31,663	36,777	14,203	20.84	682
2009	5,344.83	1,215	1,411	3,934	42.50	93
2011	793.41	151	175	618	44.50	14
2012	201.94	35	41	161	45.50	4
2013	65.90	10	12	54	46.50	1
2015	3,170.24	375	436	2,734	48.50	56
2016	12,806.91	1,281	1,488	11,319	49.50	229
2017	9,710.93	795	923	8,788	50.50	174
2018	162.87	10	12	151	51.50	3
2019	3,699.16	168	195	3,504	52.50	67
2020	13,674.10	373	433	13,241	53.50	247
2021	61.79	1	1	61	54.50	1
	154,590.42	78,233	90,840	63,750		1,981

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 32.2 1.28

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 358.00 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 40-S2						
NET SALVAGE PERCENT.. 0						
1999	45,167.02	23,103	58,968-	104,135	19.54	5,329
2010	363,904.97	102,985	262,859-	626,764	28.68	21,854
2016	1,422,393.72	195,224	498,289-	1,920,683	34.51	55,656
2019	1,752,197.58	109,512	279,518-	2,031,716	37.50	54,179
2020	6,985,288.61	261,948	668,596-	7,653,885	38.50	198,802
2021	1,602,647.43	20,033	51,132-	1,653,779	39.50	41,868
	12,171,599.33	712,805	1,819,362-	13,990,961		377,688

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.0 3.10

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 359.00 ROADS AND TRAILS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 65-R4						
NET SALVAGE PERCENT.. 0						
1976	2,044.00	1,345	1,441	603	22.23	27
1993	39,500.00	17,021	18,232	21,268	36.99	575
1998	694.00	248	266	428	41.75	10
	42,238.00	18,614	19,939	22,299		612

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 36.4 1.45

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 360.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 80-R3						
NET SALVAGE PERCENT.. 0						
1906	8,150.00	7,659	7,772	378	4.82	78
1927	112.00	97	98	14	10.51	1
1929	910.00	783	795	115	11.16	10
1930	10,102.00	8,650	8,778	1,324	11.50	115
1931	732.00	624	633	99	11.84	8
1932	7,886.00	6,683	6,782	1,104	12.20	90
1933	1,985.00	1,673	1,698	287	12.57	23
1934	580.00	486	493	87	12.95	7
1935	2,501.00	2,084	2,115	386	13.33	29
1938	27.00	22	22	5	14.57	
1941	1,269.00	1,017	1,032	237	15.91	15
1942	1,087.00	864	877	210	16.38	13
1947	3,150.00	2,406	2,442	708	18.90	37
1948	4,667.00	3,533	3,585	1,082	19.44	56
1949	5,431.00	4,073	4,133	1,298	20.00	65
1950	7,967.00	5,919	6,007	1,960	20.56	95
1951	2,377.00	1,749	1,775	602	21.14	28
1952	2,176.00	1,585	1,608	568	21.72	26
1953	1,326.00	956	970	356	22.32	16
1954	322.00	230	233	89	22.93	4
1955	1,231.00	869	882	349	23.54	15
1956	408.00	285	289	119	24.17	5
1957	664.50	458	465	200	24.81	8
1958	3,731.00	2,544	2,582	1,149	25.46	45
1959	2,033.00	1,369	1,389	644	26.12	25
1960	1,807.00	1,202	1,220	587	26.78	22
1961	7,250.00	4,761	4,831	2,419	27.46	88
1962	6,067.00	3,932	3,990	2,077	28.15	74
1963	5,950.00	3,805	3,861	2,089	28.84	72
1964	7,881.00	4,971	5,045	2,836	29.54	96
1965	7,966.00	4,954	5,027	2,939	30.25	97
1966	12,141.00	7,441	7,551	4,590	30.97	148
1967	11,504.00	6,946	7,049	4,455	31.70	141
1968	13,078.00	7,776	7,891	5,187	32.43	160
1969	8,992.00	5,264	5,342	3,650	33.17	110
1970	6,228.00	3,587	3,640	2,588	33.92	76
1971	11,210.00	6,350	6,444	4,766	34.68	137
1972	12,751.00	7,102	7,207	5,544	35.44	156
1973	18,282.00	10,007	10,155	8,127	36.21	224
1974	16,643.00	8,948	9,080	7,563	36.99	204
1975	29,923.00	15,796	16,030	13,893	37.77	368
1976	13,355.00	6,916	7,018	6,337	38.57	164
1977	36,406.00	18,494	18,767	17,639	39.36	448

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 360.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 80-R3						
NET SALVAGE PERCENT.. 0						
1978	31,784.00	15,825	16,059	15,725	40.17	391
1979	30,040.00	14,652	14,869	15,171	40.98	370
1980	53,049.00	25,331	25,706	27,343	41.80	654
1981	79,956.00	37,359	37,911	42,045	42.62	987
1982	81,408.00	37,194	37,744	43,664	43.45	1,005
1983	103,311.00	46,116	46,798	56,513	44.29	1,276
1984	100,571.00	43,837	44,485	56,086	45.13	1,243
1985	114,577.00	48,724	49,444	65,133	45.98	1,417
1986	110,447.00	45,794	46,471	63,976	46.83	1,366
1987	51,375.00	20,749	21,056	30,319	47.69	636
1988	138,545.00	54,465	55,270	83,275	48.55	1,715
1989	212,009.00	81,040	82,238	129,771	49.42	2,626
1990	101,962.00	37,853	38,413	63,549	50.30	1,263
1991	50,687.00	18,260	18,530	32,157	51.18	628
1992	30,491.00	10,645	10,802	19,689	52.07	378
1993	20,543.00	6,944	7,047	13,496	52.96	255
1994	148,839.00	48,633	49,352	99,487	53.86	1,847
1995	26,242.00	8,279	8,401	17,841	54.76	326
1996	95,255.00	28,969	29,397	65,858	55.67	1,183
1997	66,553.00	19,483	19,771	46,782	56.58	827
1998	13,052.00	3,673	3,727	9,325	57.49	162
1999	21,921.00	5,916	6,003	15,918	58.41	273
2000	814.00	210	213	601	59.34	10
2002	333,659.00	78,410	79,570	254,089	61.20	4,152
2003	58,182.00	12,989	13,181	45,001	62.14	724
2004	271,688.00	57,462	58,312	213,376	63.08	3,383
2005	343,359.00	68,586	69,600	273,759	64.02	4,276
2006	891,865.00	167,564	170,042	721,823	64.97	11,110
2007	186,661.44	32,852	33,338	153,323	65.92	2,326
2008	678,877.39	111,417	113,065	565,812	66.87	8,461
2009	2,048,663.27	311,643	316,251	1,732,412	67.83	25,540
2010	224,268.01	31,424	31,889	192,379	68.79	2,797
2011	298,486.69	38,242	38,807	259,680	69.75	3,723
2012	1,613,911.42	187,214	189,982	1,423,929	70.72	20,135
2013	33,892.49	3,521	3,573	30,319	71.69	423
2014	45,234.97	4,150	4,212	41,023	72.66	565
2016	17,550.69	1,183	1,200	16,351	74.61	219
2017	11,894.71	657	667	11,228	75.58	149
2018	79,594.42	3,423	3,474	76,120	76.56	994

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 360.00 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 80-R3						
NET SALVAGE PERCENT.. 0						
2019	81,436.75	2,504	2,541	78,896	77.54	1,017
2020	25,456.92	471	478	24,979	78.52	318
2021	102,565.76	628	637	101,929	79.51	1,282
	9,328,937.43	1,959,161	1,988,129	7,340,808		116,031

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 63.3 1.24

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 360.20 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 80-R3						
NET SALVAGE PERCENT.. 0						
1960	13,480.00	8,968	9,101	4,379	26.78	164
1961	152,939.00	100,443	101,928	51,011	27.46	1,858
1962	5,490.00	3,558	3,611	1,879	28.15	67
1963	9,322.00	5,961	6,049	3,273	28.84	113
1964	8,956.00	5,649	5,733	3,223	29.54	109
1965	17,213.00	10,704	10,862	6,351	30.25	210
1966	21,633.00	13,258	13,454	8,179	30.97	264
1967	31,136.00	18,798	19,076	12,060	31.70	380
1968	19,710.00	11,720	11,893	7,817	32.43	241
1969	33,391.00	19,546	19,835	13,556	33.17	409
1970	9,175.00	5,285	5,363	3,812	33.92	112
1971	209.00	118	120	89	34.68	3
1972	22,304.00	12,423	12,607	9,697	35.44	274
1973	20,435.00	11,186	11,351	9,084	36.21	251
1974	5,114.00	2,749	2,790	2,324	36.99	63
1975	5,825.00	3,075	3,120	2,705	37.77	72
1976	5,629.00	2,915	2,958	2,671	38.57	69
1977	2,881.00	1,464	1,486	1,395	39.36	35
1978	10,952.00	5,453	5,534	5,418	40.17	135
1979	14,115.00	6,885	6,987	7,128	40.98	174
1980	16,745.00	7,996	8,114	8,631	41.80	206
1981	18,858.00	8,811	8,941	9,917	42.62	233
1982	10,110.00	4,619	4,687	5,423	43.45	125
1983	16,919.00	7,552	7,664	9,255	44.29	209
1984	16,487.00	7,186	7,292	9,195	45.13	204
1985	17,273.00	7,345	7,453	9,820	45.98	214
1986	6,750.00	2,799	2,840	3,910	46.83	83
1987	3,145.00	1,270	1,289	1,856	47.69	39
1988	60.00	24	24	36	48.55	1
1989	243.00	93	94	149	49.42	3
1990	13,356.00	4,958	5,032	8,324	50.30	165
1991	1,902.00	685	695	1,207	51.18	24
2000	104.00	27	27	77	59.34	1
2001	29,699.00	7,324	7,433	22,266	60.27	369
	561,560.00	310,847	315,443	246,117		6,879

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 35.8 1.22

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-S0.5						
NET SALVAGE PERCENT.. -10						
1950	321.44	304	228	126	6.32	20
1960	220,784.58	190,082	142,274	100,589	9.78	10,285
1961	46.52	40	30	21	10.14	2
1962	43,469.50	36,659	27,439	20,377	10.50	1,941
1963	44,329.99	36,984	27,682	21,081	10.87	1,939
1964	34,732.63	28,663	21,454	16,752	11.24	1,490
1965	41,009.38	33,472	25,053	20,057	11.61	1,728
1966	86,566.90	69,873	52,299	42,925	11.98	3,583
1967	71,261.10	56,857	42,557	35,830	12.36	2,899
1968	117,302.01	92,502	69,237	59,795	12.74	4,693
1969	102,840.98	80,117	59,966	53,159	13.13	4,049
1970	102,404.48	78,802	58,982	53,663	13.52	3,969
1971	129,189.94	98,182	73,488	68,621	13.91	4,933
1972	129,780.18	97,361	72,873	69,885	14.31	4,884
1973	5,846.59	4,328	3,239	3,192	14.72	217
1974	195,336.13	142,626	106,754	108,116	15.13	7,146
1975	139,214.52	100,254	75,039	78,097	15.54	5,026
1976	474,990.95	337,179	252,374	270,116	15.96	16,925
1977	48,673.20	34,052	25,487	28,054	16.38	1,713
1978	226,142.84	155,831	116,637	132,120	16.81	7,860
1979	142,524.76	96,680	72,364	84,413	17.25	4,894
1980	402,919.06	268,980	201,328	241,883	17.69	13,673
1981	340,134.05	223,325	167,156	206,991	18.14	11,411
1982	256,911.95	165,857	124,142	158,461	18.59	8,524
1983	460,731.73	292,259	218,752	288,053	19.05	15,121
1984	367,016.61	228,593	171,099	232,619	19.52	11,917
1985	524,317.11	320,545	239,924	336,825	19.99	16,850
1986	287,912.32	172,638	129,217	187,487	20.47	9,159
1987	181,352.05	106,570	79,766	119,721	20.96	5,712
1988	842,196.15	484,617	362,729	563,687	21.46	26,267
1989	1,255,490.97	707,093	529,250	851,790	21.96	38,788
1990	1,128,022.02	621,243	464,992	775,832	22.47	34,527
1991	521,278.84	280,333	209,825	363,582	23.00	15,808
1992	983,832.35	516,336	386,471	695,745	23.53	29,568
1993	527,765.53	270,016	202,103	378,439	24.07	15,722
1994	319,502.09	159,169	119,136	232,316	24.62	9,436
1995	196,387.37	95,147	71,216	144,810	25.18	5,751
1996	494,757.25	232,812	174,257	369,976	25.75	14,368
1997	419,763.94	191,571	143,388	318,352	26.33	12,091
1998	309,654.84	136,854	102,433	238,187	26.92	8,848
1999	174,113.80	74,396	55,684	135,841	27.52	4,936
2000	273,875.61	112,874	84,485	216,778	28.14	7,704
2001	109,240.99	43,366	32,459	87,706	28.76	3,050

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 361.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-S0.5						
NET SALVAGE PERCENT.. -10						
2002	1,842,309.60	702,541	525,843	1,500,698	29.40	51,044
2003	898,406.64	328,316	245,740	742,507	30.05	24,709
2004	1,220,022.41	425,865	318,754	1,023,271	30.72	33,310
2005	3,458,573.92	1,149,775	860,591	2,943,840	31.40	93,753
2006	3,774,258.63	1,191,077	891,505	3,260,179	32.09	101,595
2007	4,036,958.57	1,203,906	901,108	3,539,546	32.80	107,913
2008	4,412,568.11	1,238,259	926,820	3,927,005	33.52	117,154
2009	886,337.03	232,696	174,170	800,801	34.26	23,374
2010	2,951,120.97	719,950	538,873	2,707,360	35.02	77,309
2011	4,790,507.36	1,078,520	807,258	4,462,300	35.79	124,680
2012	9,099,933.72	1,875,160	1,403,532	8,606,395	36.57	235,340
2013	12,307,486.52	2,292,429	1,715,852	11,822,383	37.38	316,276
2014	8,742,004.02	1,453,105	1,087,630	8,528,574	38.20	223,261
2015	9,653,349.38	1,406,339	1,052,626	9,566,058	39.04	245,032
2016	8,458,499.13	1,054,462	789,251	8,515,098	39.90	213,411
2017	11,042,469.40	1,139,119	852,615	11,294,101	40.78	276,952
2018	9,743,998.13	790,803	591,906	10,126,492	41.68	242,958
2019	33,399,227.11	1,959,299	1,466,509	35,272,641	42.60	827,996
2020	28,331,658.51	1,010,987	756,710	30,408,114	43.54	698,395
2021	6,792,850.43	81,372	60,906	7,411,229	44.51	166,507
	178,576,484.84	28,809,422	21,563,467	174,870,666		4,610,396

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.9 2.58

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1						
NET SALVAGE PERCENT.. -15						
1926	5,532.97	6,363	6,363			
1930	987.72	1,136	1,136			
1932	1,823.16	2,081	2,097			
1933	739.58	838	851			
1934	1,069.05	1,203	1,229			
1935	611.42	683	703			
1936	124.89	138	144			
1938	246.04	268	283			
1939	213.64	231	246			
1940	408.73	439	470			
1941	1,247.30	1,331	1,434			
1942	19,261.11	20,408	22,150			
1943	3,325.52	3,498	3,824			
1945	1,935.64	2,007	2,226			
1946	648.38	667	746			
1947	148.08	151	170			
1948	5,150.74	5,219	5,923			
1949	5,528.91	5,557	6,358			
1950	2,703.32	2,696	3,109			
1952	5,357.23	5,252	6,161			
1953	298.64	290	343			
1954	8,096.02	7,798	9,310			
1955	5,255.56	5,016	6,044			
1956	4,946.10	4,677	5,688			
1957	37,588.87	35,196	43,227			
1958	16,018.82	14,852	18,422			
1959	4,228.68	3,881	4,863			
1960	9,665,604.44	8,778,756	11,115,445			
1961	1,321,101.73	1,187,049	1,519,267			
1962	1,272,196.59	1,130,758	1,463,026			
1963	1,850,783.89	1,626,567	2,128,401			
1964	1,810,903.66	1,573,004	2,082,539			
1965	4,550,760.08	3,906,400	5,224,621	8,753	11.41	767
1966	3,590,842.44	3,044,781	4,072,247	57,222	11.82	4,841
1967	5,757,333.49	4,820,040	6,446,570	174,364	12.24	14,245
1968	7,117,361.54	5,882,289	7,867,276	317,690	12.66	25,094
1969	8,915,524.57	7,270,401	9,723,809	529,044	13.09	40,416
1970	7,703,969.53	6,197,797	8,289,253	570,312	13.52	42,183
1971	7,446,103.97	5,906,600	7,899,791	663,229	13.96	47,509
1972	14,009,890.26	10,952,190	14,648,023	1,463,351	14.41	101,551
1973	7,136,460.07	5,495,031	7,349,337	857,592	14.87	57,673
1974	12,513,410.90	9,488,037	12,689,789	1,700,634	15.33	110,935
1975	12,154,539.54	9,066,928	12,126,577	1,851,143	15.81	117,087

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1						
NET SALVAGE PERCENT.. -15						
1976	6,693,017.30	4,912,360	6,570,043	1,126,927	16.28	69,222
1977	3,304,653.91	2,384,075	3,188,585	611,767	16.77	36,480
1978	2,888,240.36	2,047,491	2,738,420	583,056	17.26	33,781
1979	4,887,375.99	3,401,010	4,548,686	1,071,796	17.77	60,315
1980	5,340,380.93	3,648,014	4,879,042	1,262,396	18.27	69,097
1981	6,126,970.62	4,103,882	5,488,743	1,557,273	18.79	82,878
1982	5,930,346.29	3,891,911	5,205,242	1,614,656	19.32	83,574
1983	6,262,238.97	4,024,888	5,383,093	1,818,482	19.85	91,611
1984	7,834,090.05	4,927,043	6,589,681	2,419,523	20.39	118,662
1985	11,200,542.67	6,889,717	9,214,662	3,665,962	20.93	175,153
1986	13,264,954.27	7,969,664	10,659,039	4,595,658	21.49	213,851
1987	10,542,338.75	6,183,082	8,269,572	3,854,118	22.05	174,790
1988	14,647,242.01	8,377,190	11,204,085	5,640,243	22.62	249,348
1989	19,191,982.87	10,691,969	14,299,990	7,770,790	23.20	334,948
1990	24,000,920.49	13,009,207	17,399,184	10,201,875	23.79	428,830
1991	14,932,312.55	7,868,627	10,523,907	6,648,252	24.38	272,693
1992	16,702,637.07	8,545,462	11,429,141	7,778,892	24.98	311,405
1993	12,069,000.06	5,986,580	8,006,760	5,872,590	25.59	229,488
1994	10,413,848.69	5,003,302	6,691,674	5,284,252	26.20	201,689
1995	7,517,409.99	3,492,589	4,671,168	3,973,853	26.82	148,168
1996	10,649,379.00	4,776,246	6,387,997	5,858,789	27.45	213,435
1997	10,565,465.31	4,565,834	6,106,582	6,043,703	28.09	215,155
1998	11,331,494.61	4,711,567	6,301,492	6,729,727	28.73	234,240
1999	9,487,272.41	3,789,496	5,068,267	5,842,096	29.37	198,914
2000	26,906,079.62	10,300,280	13,776,125	17,165,867	30.02	571,814
2001	28,200,181.67	10,319,941	13,802,421	18,627,788	30.68	607,164
2002	45,527,039.92	15,893,216	21,256,406	31,099,690	31.34	992,332
2003	30,744,251.72	10,213,963	13,660,680	21,695,209	32.00	677,975
2004	31,656,136.47	9,974,849	13,340,877	23,063,680	32.67	705,959
2005	50,505,351.19	15,036,630	20,110,764	37,970,390	33.35	1,138,542
2006	63,972,603.75	17,950,713	24,008,208	49,560,286	34.02	1,456,799
2007	48,293,855.38	12,712,078	17,001,788	38,536,146	34.70	1,110,552
2008	70,819,485.51	17,392,841	23,262,082	58,180,326	35.39	1,643,976
2009	53,111,384.17	12,120,337	16,210,363	44,867,729	36.07	1,243,907
2010	38,505,162.25	8,108,282	10,844,434	33,436,503	36.76	909,589
2011	44,310,574.81	8,538,382	11,419,672	39,537,489	37.46	1,055,459
2012	58,989,668.39	10,326,318	13,810,950	54,027,169	38.15	1,416,177
2013	46,923,480.84	7,362,576	9,847,088	44,114,915	38.86	1,135,227
2014	51,586,872.92	7,171,788	9,591,919	49,732,985	39.56	1,257,153
2015	65,648,761.80	7,935,393	10,613,203	64,882,873	40.27	1,611,196
2016	70,613,167.33	7,236,190	9,678,053	71,527,089	40.99	1,744,989
2017	76,387,275.61	6,422,375	8,589,615	79,255,752	41.71	1,900,162
2018	93,274,746.69	6,125,959	8,193,173	99,072,786	42.43	2,334,970

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 362.00 STATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1						
NET SALVAGE PERCENT.. -15						
2019	121,748,308.57	5,725,032	7,656,953	132,353,602	43.16	3,066,580
2020	142,031,290.93	4,029,499	5,389,260	157,946,725	43.89	3,598,695
2021	92,766,005.77	876,917	1,172,834	105,508,073	44.63	2,364,062
	1,705,256,083.30	433,433,269	578,861,414	1,382,183,082		37,353,307
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					37.0	2.19

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 52-R2						
NET SALVAGE PERCENT.. -50						
1960	3,449,549.06	4,142,460	4,446,466	727,858	10.37	70,189
1961	523,629.71	623,070	668,796	116,649	10.75	10,851
1962	1,012,202.03	1,193,325	1,280,901	237,402	11.13	21,330
1963	1,836,693.59	2,144,165	2,301,521	453,519	11.53	39,334
1964	2,365,633.64	2,733,655	2,934,272	614,178	11.94	51,439
1965	1,436,451.09	1,642,532	1,763,074	391,603	12.36	31,683
1966	2,780,327.44	3,144,717	3,375,501	794,990	12.79	62,157
1967	3,057,555.31	3,419,478	3,670,426	915,907	13.23	69,230
1968	1,684,821.15	1,862,368	1,999,043	528,189	13.68	38,610
1969	4,375,034.19	4,776,750	5,127,305	1,435,246	14.15	101,431
1970	3,134,179.65	3,379,508	3,627,523	1,073,746	14.62	73,444
1971	6,977,226.87	7,424,676	7,969,557	2,496,283	15.11	165,207
1972	7,063,802.80	7,414,980	7,959,149	2,636,555	15.61	168,902
1973	7,819,707.84	8,093,398	8,687,355	3,042,207	16.12	188,723
1974	11,210,353.30	11,434,560	12,273,718	4,541,812	16.64	272,945
1975	4,578,117.66	4,599,703	4,937,265	1,929,911	17.17	112,400
1976	8,248,142.52	8,156,134	8,754,695	3,617,519	17.72	204,149
1977	11,112,552.90	10,812,236	11,605,723	5,063,106	18.27	277,127
1978	9,754,308.15	9,330,337	10,015,070	4,616,392	18.84	245,031
1979	14,051,072.51	13,205,338	14,174,449	6,902,160	19.42	355,415
1980	13,562,113.16	12,514,915	13,433,358	6,909,812	20.01	345,318
1981	16,201,011.13	14,669,611	15,746,182	8,555,335	20.61	415,106
1982	18,551,701.63	16,477,250	17,686,480	10,141,072	21.21	478,127
1983	22,421,507.99	19,513,102	20,945,126	12,687,136	21.83	581,179
1984	25,702,952.84	21,894,289	23,501,064	15,053,365	22.47	669,932
1985	25,955,624.73	21,630,639	23,218,065	15,715,372	23.11	680,025
1986	32,141,638.66	26,183,222	28,104,752	20,107,706	23.76	846,284
1987	34,805,708.01	27,690,377	29,722,514	22,486,048	24.42	920,805
1988	44,341,625.33	34,420,187	36,946,210	29,566,228	25.09	1,178,407
1989	46,934,100.35	35,525,829	38,132,993	32,268,158	25.76	1,252,646
1990	71,274,132.04	52,530,817	56,385,941	50,525,257	26.45	1,910,218
1991	47,612,783.40	34,129,795	36,634,507	34,784,668	27.15	1,281,203
1992	37,148,092.52	25,867,888	27,766,277	27,955,862	27.86	1,003,441
1993	38,524,682.75	26,037,677	27,948,526	29,838,498	28.57	1,044,400
1994	21,792,883.25	14,276,409	15,324,124	17,365,201	29.29	592,871
1995	20,721,584.29	13,132,304	14,096,055	16,986,321	30.03	565,645
1996	20,907,062.35	12,803,590	13,743,218	17,617,376	30.77	572,550
1997	18,495,278.60	10,931,819	11,734,082	16,008,836	31.51	508,056
1998	18,062,991.75	10,280,190	11,034,631	16,059,857	32.27	497,671
1999	19,060,487.54	10,430,185	11,195,634	17,395,097	33.03	526,645
2000	59,488,480.80	31,214,498	33,505,263	55,727,458	33.81	1,648,254
2001	28,781,169.81	14,454,335	15,515,107	27,656,648	34.59	799,556
2002	22,169,474.64	10,635,030	11,415,512	21,838,700	35.37	617,436

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 364.00 POLES, TOWERS AND FIXTURES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 52-R2						
NET SALVAGE PERCENT.. -50						
2003	24,282,063.59	11,087,919	11,901,637	24,521,458	36.17	677,950
2004	39,167,667.22	16,981,534	18,227,772	40,523,729	36.97	1,096,125
2005	44,232,818.25	18,143,860	19,475,399	46,873,828	37.78	1,240,705
2006	42,475,373.96	16,430,324	17,636,110	46,076,951	38.59	1,194,013
2007	40,902,706.74	14,855,045	15,945,225	45,408,835	39.41	1,152,216
2008	42,400,684.19	14,383,372	15,438,937	48,162,089	40.24	1,196,871
2009	34,395,607.11	10,844,419	11,640,267	39,953,144	41.07	972,806
2010	24,083,228.00	7,002,801	7,516,721	28,608,121	41.92	682,446
2011	46,756,275.29	12,462,184	13,376,757	56,757,656	42.76	1,327,354
2012	26,997,747.03	6,526,030	7,004,961	33,491,660	43.62	767,805
2013	33,614,562.63	7,292,007	7,827,152	42,594,692	44.48	957,614
2014	74,264,649.50	14,267,724	15,314,802	96,082,172	45.34	2,119,148
2015	55,223,889.45	9,223,770	9,900,683	72,935,151	46.21	1,578,341
2016	58,048,237.97	8,221,372	8,824,721	78,247,636	47.09	1,661,661
2017	88,665,735.56	10,307,392	11,063,829	121,934,774	47.97	2,541,896
2018	66,500,036.24	6,022,908	6,464,916	93,285,138	48.86	1,909,233
2019	69,062,622.45	4,482,510	4,811,472	98,782,462	49.75	1,985,577
2020	86,312,490.87	3,361,008	3,607,665	125,861,071	50.65	2,484,917
2021	131,777,547.98	1,709,814	1,835,293	195,831,029	51.55	3,798,856
	1,840,292,393.01	800,383,341	859,121,749	1,901,316,841		50,840,906

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 37.4 2.76

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 364.10 POLES, TOWERS AND FIXTURES - STORM SECURITIZATION

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
2018	6,687,318.00	6,687,318	6,687,318			
	6,687,318.00	6,687,318	6,687,318			
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					0.0	0.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 52-R0.5						
NET SALVAGE PERCENT.. -30						
1960	3,570,313.04	3,026,754	4,322,874	318,533	18.09	17,608
1961	2,067,488.22	1,729,960	2,470,766	216,969	18.53	11,709
1962	2,176,599.29	1,796,783	2,566,204	263,375	18.98	13,876
1963	2,340,909.73	1,906,097	2,722,328	320,855	19.43	16,513
1964	2,504,055.19	2,010,749	2,871,794	383,478	19.88	19,290
1965	1,067,821.63	845,186	1,207,113	181,055	20.34	8,901
1966	2,617,145.10	2,041,373	2,915,532	486,757	20.80	23,402
1967	3,141,567.49	2,413,503	3,447,016	637,022	21.27	29,949
1968	1,797,433.79	1,359,751	1,942,025	394,639	21.74	18,153
1969	3,962,786.87	2,951,262	4,215,055	936,568	22.21	42,169
1970	2,800,680.35	2,052,185	2,930,974	709,910	22.69	31,287
1971	6,030,532.35	4,344,993	6,205,611	1,634,081	23.18	70,495
1972	5,006,717.21	3,547,259	5,066,271	1,442,461	23.66	60,966
1973	7,607,065.05	5,294,472	7,561,677	2,327,508	24.16	96,337
1974	10,029,971.18	6,857,973	9,794,702	3,244,261	24.65	131,613
1975	2,685,645.07	1,802,054	2,573,732	917,607	25.16	36,471
1976	5,009,298.59	3,298,633	4,711,178	1,800,910	25.66	70,184
1977	7,307,565.16	4,718,853	6,739,566	2,760,269	26.17	105,475
1978	5,738,209.89	3,630,847	5,185,653	2,274,020	26.69	85,201
1979	9,552,593.57	5,920,210	8,455,369	3,963,003	27.21	145,645
1980	5,908,346.38	3,584,883	5,120,006	2,560,844	27.73	92,349
1981	10,161,859.26	6,031,084	8,613,722	4,596,695	28.26	162,657
1982	11,656,640.69	6,763,824	9,660,237	5,493,396	28.79	190,809
1983	13,822,787.66	7,834,037	11,188,738	6,780,886	29.33	231,193
1984	15,197,731.06	8,408,205	12,008,777	7,748,273	29.87	259,400
1985	14,364,280.38	7,749,529	11,068,042	7,605,522	30.42	250,017
1986	17,676,358.91	9,297,871	13,279,416	9,699,851	30.96	313,303
1987	18,667,475.89	9,557,841	13,650,711	10,617,008	31.52	336,834
1988	28,193,375.18	14,047,377	20,062,762	16,588,626	32.07	517,263
1989	29,839,037.46	14,449,554	20,637,159	18,153,590	32.63	556,347
1990	47,539,686.23	22,355,490	31,928,585	29,873,007	33.19	900,060
1991	31,097,153.93	14,180,333	20,252,652	20,173,648	33.76	597,561
1992	23,889,458.98	10,553,240	15,072,361	15,983,936	34.33	465,597
1993	22,724,509.26	9,714,841	13,874,942	15,666,920	34.90	448,909
1994	30,211,630.18	12,477,313	17,820,363	21,454,756	35.48	604,700
1995	36,555,777.94	14,567,551	20,805,685	26,716,826	36.06	740,899
1996	46,460,178.05	17,840,430	25,480,080	34,918,151	36.64	953,006
1997	56,718,357.09	20,957,376	29,931,769	43,802,095	37.22	1,176,843
1998	51,780,665.60	18,368,880	26,234,824	41,080,041	37.81	1,086,486
1999	52,510,337.97	17,866,590	25,517,443	42,745,996	38.39	1,113,467
2000	85,397,228.59	27,796,286	39,699,245	71,317,152	38.98	1,829,583
2001	90,473,565.65	28,114,841	40,154,212	77,461,423	39.57	1,957,580
2002	73,461,933.27	21,726,367	31,030,058	64,470,455	40.17	1,604,940

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 365.00 OVERHEAD CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 52-R0.5						
NET SALVAGE PERCENT.. -30						
2003	56,156,595.61	15,779,723	22,536,935	50,466,639	40.76	1,238,141
2004	66,404,121.58	17,663,895	25,227,949	61,097,409	41.36	1,477,210
2005	76,870,169.23	19,313,707	27,584,246	72,346,974	41.95	1,724,600
2006	68,368,512.04	16,151,993	23,068,619	65,810,447	42.55	1,546,662
2007	65,738,831.64	14,544,519	20,772,790	64,687,691	43.15	1,499,135
2008	68,168,660.68	14,059,445	20,079,997	68,539,262	43.75	1,566,612
2009	56,167,255.13	10,742,325	15,342,416	57,675,016	44.35	1,300,451
2010	38,395,034.58	6,757,296	9,650,913	40,262,632	44.96	895,521
2011	76,909,928.28	12,382,883	17,685,496	82,297,411	45.56	1,806,352
2012	72,208,764.51	10,524,861	15,031,830	78,839,564	46.17	1,707,593
2013	95,440,482.34	12,479,225	17,823,094	106,249,533	46.77	2,271,745
2014	82,240,667.82	9,499,208	13,566,970	93,345,898	47.38	1,970,154
2015	103,447,566.20	10,371,239	14,812,423	119,669,413	47.99	2,493,632
2016	97,158,157.19	8,233,862	11,759,776	114,545,828	48.61	2,356,425
2017	146,252,092.37	10,164,228	14,516,766	175,610,954	49.22	3,567,878
2018	98,086,296.65	5,321,084	7,599,685	119,912,501	49.83	2,406,432
2019	146,131,687.44	5,663,041	8,088,075	181,883,119	50.45	3,605,215
2020	170,185,893.33	3,955,801	5,649,759	215,591,902	51.07	4,221,498
2021	186,744,015.07	1,446,893	2,066,483	240,700,737	51.69	4,656,621
	2,672,397,506.07	590,847,868	843,861,451	2,630,255,307		59,736,924

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 44.0 2.24

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 365.10 OVERHEAD CONDUCTORS AND DEVICES - STORM SECURITIZATION

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
2018	6,179,207.00	6,179,207	6,179,207			
	6,179,207.00	6,179,207	6,179,207			
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					0.0	0.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 366.00 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 65-R3						
NET SALVAGE PERCENT.. -20						
1960	254,475.32	235,605	305,370			
1961	32,540.53	29,809	39,049			
1962	54,300.80	49,202	65,161			
1963	24,973.80	22,370	29,969			
1964	69,421.53	61,454	83,306			
1965	115,113.58	100,670	137,717	419	17.63	24
1966	523,726.92	452,211	618,627	9,845	18.23	540
1967	125,644.15	107,071	146,474	4,299	18.84	228
1968	138,570.13	116,502	159,375	6,909	19.46	355
1969	10,901,668.68	9,036,655	12,362,189	719,813	20.10	35,812
1970	610,584.48	498,801	682,362	50,339	20.75	2,426
1971	538,880.78	433,661	593,250	53,407	21.41	2,494
1972	270,320.54	214,194	293,018	31,367	22.08	1,421
1973	580,548.30	452,723	619,327	77,331	22.76	3,398
1974	104,633.21	80,262	109,799	15,761	23.45	672
1975	373,621.03	281,700	385,367	62,978	24.16	2,607
1976	633,201.14	469,111	641,746	118,095	24.87	4,748
1977	1,688,966.13	1,228,844	1,681,065	345,694	25.59	13,509
1978	592,642.10	423,090	578,789	132,382	26.33	5,028
1979	782,879.17	548,210	749,954	189,501	27.07	7,000
1980	919,687.80	631,274	863,586	240,039	27.82	8,628
1981	965,372.72	649,090	887,958	270,489	28.58	9,464
1982	944,895.55	621,885	850,742	283,133	29.35	9,647
1983	1,220,855.75	785,928	1,075,153	389,874	30.13	12,940
1984	2,783,006.96	1,751,491	2,396,048	943,560	30.91	30,526
1985	3,677,653.18	2,260,212	3,091,981	1,321,203	31.71	41,665
1986	5,954,780.42	3,571,796	4,886,235	2,259,502	32.51	69,502
1987	9,209,080.52	5,385,986	7,368,056	3,682,841	33.32	110,529
1988	14,063,436.65	8,012,277	10,960,835	5,915,289	34.14	173,266
1989	14,330,515.75	7,947,417	10,872,106	6,324,513	34.96	180,907
1990	20,244,949.27	10,913,566	14,929,813	9,364,126	35.80	261,568
1991	12,254,546.21	6,416,137	8,777,308	5,928,147	36.64	161,794
1992	8,525,551.80	4,329,923	5,923,356	4,307,306	37.49	114,892
1993	5,485,570.20	2,699,888	3,693,460	2,889,224	38.34	75,358
1994	2,675,508.93	1,273,874	1,742,666	1,467,945	39.21	37,438
1995	1,769,063.12	813,868	1,113,376	1,009,500	40.08	25,187
1996	1,354,429.85	601,367	822,673	802,643	40.95	19,601
1997	2,152,702.61	920,823	1,259,690	1,323,553	41.83	31,641
1998	2,768,534.35	1,138,765	1,557,836	1,764,405	42.72	41,302
1999	2,742,232.81	1,082,370	1,480,688	1,809,991	43.62	41,495
2000	3,957,160.16	1,496,186	2,046,790	2,701,802	44.52	60,687
2001	3,327,983.39	1,202,387	1,644,871	2,348,709	45.43	51,700
2002	2,113,417.21	728,064	995,995	1,540,106	46.34	33,235

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 366.00 UNDERGROUND CONDUIT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 65-R3						
NET SALVAGE PERCENT.. -20						
2003	1,699,585.74	556,621	761,460	1,278,043	47.26	27,043
2004	2,052,927.29	637,483	872,080	1,591,433	48.18	33,031
2005	3,182,483.75	933,588	1,277,153	2,541,828	49.11	51,758
2006	2,561,051.42	706,850	966,974	2,106,288	50.05	42,084
2007	4,453,727.94	1,151,948	1,575,871	3,768,603	50.99	73,909
2008	4,204,811.44	1,014,604	1,387,983	3,657,791	51.93	70,437
2009	7,175,506.93	1,605,534	2,196,379	6,414,229	52.88	121,298
2010	1,887,564.93	389,254	532,501	1,732,577	53.83	32,186
2011	3,880,854.73	732,224	1,001,686	3,655,340	54.78	66,728
2012	2,660,794.61	454,868	622,262	2,570,692	55.74	46,119
2013	3,182,021.54	487,002	666,221	3,152,205	56.71	55,585
2014	4,993,487.75	675,739	924,415	5,067,770	57.67	87,875
2015	4,597,930.53	539,889	738,571	4,778,946	58.64	81,496
2016	4,977,431.50	495,274	677,537	5,295,381	59.61	88,834
2017	4,504,429.35	366,751	501,717	4,903,598	60.59	80,931
2018	7,245,372.10	460,110	629,433	8,065,014	61.56	131,011
2019	16,253,257.33	738,223	1,009,893	18,494,016	62.54	295,715
2020	18,948,051.62	517,737	708,267	22,029,395	63.52	346,810
2021	29,611,705.39	267,927	366,526	35,167,520	64.51	545,148
	269,930,643.42	92,808,345	126,940,065	196,976,707		3,961,232

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 49.7 1.47

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 54-R3						
NET SALVAGE PERCENT.. -20						
1967	71,769.82	69,122	78,815	7,309	10.66	686
1968	184,040.65	175,330	199,917	20,932	11.13	1,881
1969	5,676,330.06	5,345,809	6,095,474	716,122	11.62	61,628
1970	1,319,453.32	1,227,978	1,400,182	183,162	12.12	15,112
1971	2,000,518.41	1,838,252	2,096,038	304,584	12.65	24,078
1972	491,397.77	445,643	508,137	81,540	13.19	6,182
1973	2,741,097.73	2,452,383	2,796,291	493,026	13.74	35,883
1974	4,277,027.67	3,771,363	4,300,237	832,196	14.32	58,114
1975	1,154,286.26	1,002,692	1,143,304	241,840	14.91	16,220
1976	3,215,448.23	2,750,289	3,135,973	722,565	15.51	46,587
1977	4,638,920.74	3,902,872	4,450,188	1,116,517	16.14	69,177
1978	3,744,936.89	3,098,291	3,532,777	961,147	16.77	57,313
1979	7,326,442.84	5,955,607	6,790,786	2,000,945	17.42	114,865
1980	8,510,934.73	6,791,726	7,744,157	2,468,965	18.09	136,482
1981	9,355,930.24	7,324,683	8,351,853	2,875,263	18.77	153,184
1982	10,843,705.61	8,323,151	9,490,340	3,522,107	19.46	180,992
1983	11,494,994.68	8,644,282	9,856,505	3,937,489	20.16	195,312
1984	13,383,144.71	9,849,941	11,231,238	4,828,536	20.88	231,252
1985	15,455,511.20	11,124,444	12,684,470	5,862,143	21.61	271,270
1986	24,709,707.38	17,384,762	19,822,698	9,828,951	22.34	439,971
1987	25,402,162.06	17,448,542	19,895,422	10,587,172	23.09	458,518
1988	45,218,971.02	30,286,762	34,533,998	19,728,767	23.86	826,855
1989	37,463,939.20	24,451,514	27,880,449	17,076,278	24.63	693,312
1990	53,391,314.05	33,920,997	38,677,876	25,391,701	25.41	999,280
1991	63,919,829.18	39,487,881	45,025,427	31,678,368	26.20	1,209,098
1992	52,978,089.15	31,786,853	36,244,452	27,329,255	27.00	1,012,195
1993	48,266,347.02	28,091,014	32,030,331	25,889,285	27.81	930,934
1994	33,724,979.54	19,013,199	21,679,497	18,790,478	28.63	656,321
1995	35,028,784.34	19,102,177	21,780,953	20,253,588	29.46	687,495
1996	32,360,577.09	17,043,280	19,433,328	19,399,365	30.30	640,243
1997	35,228,858.55	17,888,510	20,397,088	21,877,542	31.15	702,329
1998	54,641,639.78	26,701,402	30,445,848	35,124,120	32.01	1,097,286
1999	45,621,855.88	21,422,199	24,426,321	30,319,906	32.87	922,419
2000	81,692,457.19	36,780,232	41,938,073	56,092,876	33.74	1,662,504
2001	73,908,000.78	31,812,960	36,274,221	52,415,380	34.63	1,513,583
2002	56,887,773.69	23,374,731	26,652,664	41,612,664	35.51	1,171,858
2003	50,434,166.82	19,714,111	22,478,701	38,042,299	36.41	1,044,831
2004	64,514,774.51	23,927,498	27,282,948	50,134,781	37.31	1,343,736
2005	91,373,261.51	32,041,313	36,534,596	73,113,318	38.22	1,912,960
2006	96,811,914.62	31,970,005	36,453,289	79,721,009	39.14	2,036,817
2007	127,296,921.12	39,405,017	44,930,942	107,825,363	40.07	2,690,925
2008	111,804,449.34	32,298,964	36,828,379	97,336,960	41.00	2,374,072
2009	44,555,720.12	11,950,913	13,626,838	39,840,026	41.93	950,156

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 367.00 UNDERGROUND CONDUCTORS AND DEVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 54-R3						
NET SALVAGE PERCENT.. -20						
2010	26,937,134.74	6,662,415	7,596,713	24,727,849	42.87	576,810
2011	29,442,058.02	6,660,500	7,594,529	27,735,941	43.82	632,952
2012	33,886,095.85	6,950,580	7,925,288	32,738,027	44.77	731,249
2013	52,519,224.96	9,651,983	11,005,520	52,017,550	45.73	1,137,493
2014	37,300,231.37	6,059,199	6,908,905	37,851,373	46.69	810,696
2015	46,930,039.63	6,622,204	7,550,862	48,765,186	47.65	1,023,404
2016	60,335,884.33	7,213,517	8,225,098	64,177,963	48.62	1,319,991
2017	97,620,109.06	9,567,161	10,908,803	106,235,328	49.59	2,142,273
2018	77,074,869.88	5,874,955	6,698,824	85,791,020	50.57	1,696,481
2019	152,989,015.29	8,364,215	9,537,163	174,049,655	51.54	3,376,982
2020	150,257,679.56	4,942,276	5,635,351	174,673,864	52.52	3,325,854
2021	333,912,640.59	3,634,305	4,143,958	396,551,211	53.51	7,410,787
	2,592,327,368.78	793,602,004	904,892,035	2,205,900,808		53,838,888
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					41.0	2.08

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 368.00 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1.5						
NET SALVAGE PERCENT.. -15						
1929	0.27					
1933	50.34	57	58			
1939	193.43	209	222			
1940	124.91	134	144			
1941	170.84	183	196			
1942	91.74	98	106			
1944	236.35	248	272			
1945	1,894.41	1,981	2,179			
1946	2,640.26	2,745	3,036			
1947	4,364.26	4,511	5,019			
1948	7,150.54	7,346	8,223			
1949	5,376.21	5,489	6,183			
1950	7,403.11	7,511	8,514			
1951	9,868.80	9,947	11,349			
1952	9,646.05	9,656	11,092	1	5.83	
1953	13,575.93	13,492	15,499	113	6.11	18
1954	15,702.12	15,493	17,797	260	6.39	41
1955	23,913.18	23,424	26,908	592	6.67	89
1956	15,662.63	15,226	17,491	521	6.96	75
1957	38,685.43	37,321	42,872	1,616	7.25	223
1958	32,242.35	30,858	35,448	1,631	7.55	216
1959	51,888.30	49,262	56,589	3,083	7.85	393
1960	432,887.76	407,551	468,171	29,650	8.16	3,634
1961	89,855.08	83,861	96,335	6,998	8.48	825
1962	538,864.48	498,507	572,656	47,038	8.80	5,345
1963	705,402.20	646,804	743,011	68,202	9.12	7,478
1964	1,210,258.20	1,099,213	1,262,713	129,084	9.46	13,645
1965	1,613,114.99	1,451,082	1,666,920	188,162	9.80	19,200
1966	2,240,997.67	1,995,846	2,292,714	284,433	10.15	28,023
1967	4,137,826.34	3,646,058	4,188,383	570,117	10.52	54,194
1968	3,235,897.28	2,820,732	3,240,295	480,987	10.89	44,168
1969	5,584,107.00	4,813,467	5,529,435	892,288	11.27	79,174
1970	3,759,379.24	3,203,079	3,679,514	643,772	11.66	55,212
1971	4,804,721.48	4,044,615	4,646,222	879,208	12.06	72,903
1972	5,409,739.29	4,497,243	5,166,175	1,055,025	12.47	84,605
1973	10,704,979.72	8,784,442	10,091,064	2,219,663	12.89	172,200
1974	11,634,192.57	9,416,099	10,816,676	2,562,645	13.33	192,246
1975	1,221,498.96	974,878	1,119,884	284,840	13.77	20,686
1976	1,567,219.64	1,232,378	1,415,685	386,618	14.23	27,169
1977	9,437,436.38	7,307,685	8,394,650	2,458,402	14.70	167,238
1978	10,923,628.69	8,324,575	9,562,795	2,999,378	15.18	197,587
1979	12,526,890.36	9,386,324	10,782,472	3,623,452	15.68	231,088
1980	9,227,738.38	6,796,285	7,807,183	2,804,716	16.18	173,345

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 368.00 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1.5						
NET SALVAGE PERCENT.. -15						
1981	11,246,023.19	8,133,388	9,343,171	3,589,756	16.70	214,955
1982	11,232,694.80	7,974,421	9,160,558	3,757,041	17.22	218,179
1983	17,160,569.22	11,945,978	13,722,856	6,011,799	17.76	338,502
1984	20,811,628.28	14,195,123	16,306,545	7,626,828	18.31	416,539
1985	25,028,510.73	16,713,301	19,199,284	9,583,503	18.87	507,870
1986	33,999,029.64	22,199,564	25,501,589	13,597,295	19.45	699,090
1987	17,459,707.68	11,141,450	12,798,660	7,280,004	20.03	363,455
1988	65,224,291.12	40,637,799	46,682,378	28,325,557	20.62	1,373,693
1989	47,821,218.69	29,049,143	33,369,993	21,624,408	21.23	1,018,578
1990	38,762,012.27	22,942,092	26,354,562	18,221,752	21.84	834,329
1991	32,419,486.26	18,674,386	21,452,066	15,830,343	22.46	704,824
1992	26,756,962.37	14,975,083	17,202,518	13,567,989	23.10	587,359
1993	37,079,573.00	20,145,554	23,142,060	19,499,449	23.74	821,375
1994	23,337,097.73	12,291,649	14,119,943	12,717,719	24.39	521,432
1995	24,810,109.90	12,648,926	14,530,362	14,001,264	25.05	558,933
1996	24,255,474.45	11,950,818	13,728,416	14,165,380	25.72	550,753
1997	20,692,559.81	9,835,784	11,298,786	12,497,658	26.40	473,396
1998	30,875,115.41	14,131,540	16,233,504	19,272,879	27.09	711,439
1999	30,529,580.10	13,435,168	15,433,552	19,675,465	27.78	708,260
2000	43,646,571.04	18,426,557	21,167,374	29,026,183	28.48	1,019,178
2001	38,367,911.34	15,501,768	17,807,544	26,315,554	29.19	901,526
2002	29,899,048.10	11,537,863	13,254,037	21,129,868	29.90	706,685
2003	34,725,755.56	12,752,322	14,649,138	25,285,481	30.63	825,514
2004	33,027,881.71	11,512,743	13,225,180	24,756,884	31.36	789,441
2005	41,524,401.91	13,699,876	15,737,634	32,015,428	32.09	997,676
2006	49,360,474.57	15,351,404	17,634,814	39,129,732	32.83	1,191,889
2007	49,537,389.01	14,457,338	16,607,763	40,360,234	33.58	1,201,913
2008	56,558,221.78	15,422,098	17,716,024	47,325,931	34.33	1,378,559
2009	35,260,350.46	8,929,790	10,258,032	30,291,371	35.09	863,248
2010	23,185,495.41	5,421,453	6,227,855	20,435,465	35.85	570,027
2011	54,901,383.43	11,757,296	13,506,109	49,630,482	36.62	1,355,284
2012	30,339,920.96	5,900,402	6,778,044	28,112,865	37.39	751,882
2013	36,235,930.93	6,324,873	7,265,652	34,405,669	38.17	901,380
2014	36,203,077.54	5,597,213	6,429,758	35,203,781	38.95	903,820
2015	45,965,933.09	6,178,902	7,097,969	45,762,854	39.74	1,151,556
2016	53,161,509.79	6,059,163	6,960,420	54,175,316	40.54	1,336,342
2017	60,040,467.92	5,615,555	6,450,828	62,595,710	41.34	1,514,168
2018	56,507,585.54	4,130,365	4,744,727	60,238,996	42.14	1,429,497

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 368.00 LINE TRANSFORMERS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 45-R1.5						
NET SALVAGE PERCENT.. -15						
2019	107,459,387.30	5,630,227	6,467,682	117,110,613	42.95	2,726,673
2020	96,658,438.81	3,037,926	3,489,796	107,667,409	43.77	2,459,845
2021	184,171,088.39	1,929,468	2,216,462	209,580,290	44.59	4,700,163
	1,837,487,386.41	599,861,684	689,085,795	1,424,024,699		42,950,247
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					33.2	2.34

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 368.10 LINE TRANSFORMERS - STORM SECURITIZATION

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
2018	4,855,160.00	4,855,160	4,855,160			
	4,855,160.00	4,855,160	4,855,160			
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					0.0	0.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 369.00 SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 55-R1.5						
NET SALVAGE PERCENT.. -25						
1960	5,982,290.45	5,461,532	7,477,863			
1961	1,281,482.96	1,157,996	1,601,854			
1962	1,369,440.06	1,224,399	1,711,800			
1963	1,136,000.66	1,004,324	1,420,001			
1964	1,687,923.27	1,475,393	2,109,904			
1965	486,128.98	419,949	607,661			
1966	1,792,450.86	1,529,700	2,240,564			
1967	2,227,763.14	1,877,392	2,784,704			
1968	746,533.63	620,976	933,167			
1969	3,252,278.07	2,669,836	4,065,348			
1970	741,960.53	600,654	927,451			
1971	3,061,251.59	2,442,726	3,826,564			
1972	4,322,396.97	3,397,998	5,402,996			
1973	4,145,139.74	3,209,634	5,181,425			
1974	5,753,093.06	4,384,145	7,191,366			
1975	1,494,907.03	1,120,508	1,868,634			
1976	4,557,938.39	3,359,428	5,637,959	59,464	22.57	2,635
1977	6,133,940.11	4,442,889	7,456,278	211,147	23.13	9,129
1978	6,293,687.68	4,477,093	7,513,680	353,430	23.70	14,913
1979	7,598,795.90	5,303,580	8,900,732	597,763	24.29	24,609
1980	5,999,691.82	4,107,089	6,892,721	606,894	24.88	24,393
1981	9,002,251.79	6,041,749	10,139,564	1,113,251	25.47	43,708
1982	8,370,763.59	5,501,894	9,233,553	1,229,901	26.08	47,159
1983	12,604,937.52	8,110,174	13,610,898	2,145,274	26.69	80,377
1984	11,301,975.12	7,109,931	11,932,240	2,195,229	27.32	80,352
1985	8,217,825.78	5,052,114	8,478,709	1,793,573	27.95	64,171
1986	6,708,494.42	4,026,606	6,757,651	1,627,967	28.59	56,942
1987	14,041,525.46	8,223,946	13,801,836	3,750,071	29.23	128,295
1988	24,179,006.51	13,798,657	23,157,593	7,066,165	29.89	236,406
1989	23,809,513.10	13,230,649	22,204,334	7,557,557	30.55	247,383
1990	23,308,684.49	12,602,714	21,150,502	7,985,354	31.21	255,859
1991	18,079,896.01	9,496,013	15,936,682	6,663,188	31.89	208,943
1992	18,137,206.31	9,245,894	15,516,920	7,154,588	32.57	219,668
1993	24,999,754.52	12,352,066	20,729,852	10,519,841	33.26	316,291
1994	21,761,824.29	10,411,129	17,472,475	9,729,805	33.95	286,592
1995	20,869,955.78	9,652,355	16,199,063	9,888,382	34.65	285,379
1996	26,585,845.90	11,866,925	19,915,665	13,316,642	35.36	376,602
1997	32,470,073.36	13,969,437	23,444,205	17,143,387	36.07	475,281
1998	25,910,529.24	10,723,396	17,996,537	14,391,625	36.79	391,183
1999	33,187,215.21	13,191,918	22,139,334	19,344,685	37.51	515,721
2000	38,273,358.22	14,578,801	24,466,870	23,374,828	38.24	611,266
2001	30,665,151.42	11,164,798	18,737,320	19,594,119	38.98	502,671
2002	33,783,591.02	11,739,798	19,702,314	22,527,175	39.71	567,292

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 369.00 SERVICES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 55-R1.5						
NET SALVAGE PERCENT.. -25						
2003	12,295,885.47	4,063,175	6,819,023	8,550,834	40.46	211,340
2004	28,585,074.43	8,958,920	15,035,306	20,696,037	41.21	502,209
2005	34,043,085.04	10,089,094	16,932,020	25,621,836	41.96	610,625
2006	39,692,607.04	11,077,710	18,591,165	31,024,594	42.72	726,231
2007	38,471,977.26	10,072,445	16,904,079	31,185,893	43.48	717,247
2008	14,593,986.37	3,568,959	5,989,605	12,252,878	44.24	276,964
2009	42,590,953.29	9,670,276	16,229,139	37,009,553	45.01	822,252
2010	14,628,751.17	3,061,980	5,138,767	13,147,172	45.79	287,119
2011	39,416,551.35	7,551,719	12,673,671	36,597,018	46.57	785,850
2012	27,035,317.55	4,700,428	7,888,492	25,905,655	47.35	547,110
2013	35,229,398.16	5,492,704	9,218,129	34,818,619	48.14	723,278
2014	47,847,048.29	6,600,500	11,077,288	48,731,522	48.93	995,944
2015	38,007,949.69	4,560,954	7,654,420	39,855,517	49.72	801,599
2016	41,215,239.67	4,196,227	7,042,317	44,476,733	50.52	880,379
2017	30,601,978.90	2,552,588	4,283,880	33,968,594	51.33	661,769
2018	25,388,059.70	1,650,224	2,769,488	28,965,587	52.14	555,535
2019	83,909,461.40	3,909,132	6,560,501	98,326,326	52.95	1,856,966
2020	77,172,783.66	2,156,979	3,619,950	92,846,030	53.77	1,726,725
2021	66,764,247.12	621,742	1,043,438	82,411,871	54.59	1,509,651
	1,273,824,829.52	380,933,961	633,947,467	958,333,570		21,272,013
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					45.1	1.67

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 13-L0						
NET SALVAGE PERCENT.. 0						
1960	2,439,746.86	2,439,747	2,439,747			
1961	246,604.56	246,605	246,605			
1962	316,758.95	316,759	316,759			
1963	328,023.57	328,024	328,024			
1964	315,720.43	315,720	315,720			
1965	303,195.79	303,196	303,196			
1966	402,581.90	402,582	402,582			
1967	449,416.42	449,416	449,416			
1968	413,815.71	413,816	413,816			
1969	566,339.44	545,430	566,339			
1970	763,792.97	727,368	763,793			
1971	744,214.93	699,562	743,242	973	0.78	973
1972	852,077.49	791,776	841,214	10,863	0.92	10,863
1973	996,561.34	918,371	975,713	20,848	1.02	20,439
1974	1,868,192.13	1,702,932	1,809,262	58,930	1.15	51,243
1975	287,751.66	259,641	275,853	11,899	1.27	9,369
1976	1,393,164.49	1,244,207	1,321,894	71,270	1.39	51,273
1977	1,350,523.93	1,192,621	1,267,087	83,437	1.52	54,893
1978	1,546,289.98	1,351,225	1,435,594	110,696	1.64	67,498
1979	1,974,197.71	1,705,411	1,811,895	162,303	1.77	91,697
1980	1,924,021.90	1,642,826	1,745,403	178,619	1.90	94,010
1981	2,509,867.11	2,116,019	2,248,141	261,726	2.04	128,297
1982	2,537,543.53	2,113,977	2,245,972	291,572	2.17	134,365
1983	3,167,312.25	2,604,513	2,767,137	400,175	2.31	173,236
1984	3,393,276.91	2,751,167	2,922,948	470,329	2.46	191,191
1985	4,113,965.51	3,291,172	3,496,670	617,296	2.60	237,422
1986	3,172,271.65	2,501,209	2,657,382	514,890	2.75	187,233
1987	3,031,392.41	2,355,149	2,502,203	529,189	2.90	182,479
1988	3,537,543.38	2,704,876	2,873,766	663,777	3.06	216,921
1989	2,927,850.67	2,202,651	2,340,183	587,668	3.22	182,506
1990	1,224,995.56	906,497	963,098	261,898	3.38	77,485
1991	3,143,580.28	2,285,131	2,427,813	715,767	3.55	201,625
1992	2,635,202.50	1,879,110	1,996,440	638,762	3.73	171,250
1993	2,045,259.71	1,431,682	1,521,075	524,185	3.90	134,406
1994	3,111,880.20	2,135,217	2,268,538	843,342	4.08	206,701
1995	2,546,086.33	1,709,799	1,816,557	729,529	4.27	170,850
1996	2,950,594.98	1,938,305	2,059,331	891,264	4.46	199,835
1997	1,945,830.79	1,248,328	1,326,273	619,558	4.66	132,952
1998	1,678,392.55	1,049,633	1,115,171	563,222	4.87	115,651
1999	1,240,842.80	755,959	803,160	437,683	5.08	86,158
2000	719,275.30	426,588	453,224	266,051	5.29	50,293
2001	1,727,531.62	993,987	1,056,051	671,481	5.52	121,645
2002	2,644,046.80	1,474,558	1,566,628	1,077,419	5.75	187,377

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.00 METERS AND METERING EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 13-L0						
NET SALVAGE PERCENT.. 0						
2003	620,951.87	334,836	355,743	265,209	5.99	44,275
2004	1,359,609.02	706,997	751,141	608,468	6.24	97,511
2005	693,892.87	347,481	369,177	324,716	6.49	50,033
2006	536,730.10	257,630	273,716	263,014	6.76	38,907
2007	1,125,283.11	516,764	549,030	576,253	7.03	81,971
2008	1,403,688.21	613,299	651,593	752,095	7.32	102,745
2009	1,200,358.03	496,768	527,786	672,572	7.62	88,264
2010	828,733.82	323,844	344,065	484,669	7.92	61,196
2011	870,272.92	318,650	338,546	531,727	8.24	64,530
2012	1,982,345.52	675,524	717,703	1,264,643	8.57	147,566
2013	655,000.10	205,572	218,408	436,592	8.92	48,945
2014	964,725.41	276,056	293,293	671,432	9.28	72,353
2015	1,134,333.58	292,306	310,557	823,777	9.65	85,365
2016	1,052,031.18	239,537	254,493	797,538	10.04	79,436
2017	851,488.09	167,019	177,448	674,040	10.45	64,501
2018	377,741.82	61,020	64,830	312,912	10.90	28,708
2019	13,166,974.71	1,630,730	1,732,551	11,434,424	11.39	1,003,900
2020	3,833,999.94	312,624	332,144	3,501,856	11.94	293,288
2021	5,438,909.33	167,355	177,805	5,261,104	12.60	417,548
	113,584,604.63	66,816,774	70,640,944	42,943,661		6,813,178

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 6.3 6.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 370.02 METERS - UTILITY OF THE FUTURE

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 15-S2.5						
NET SALVAGE PERCENT.. 0						
2009	11,733,367.45	8,221,219	9,677,213	2,056,154	4.49	457,941
2010	245,199.10	163,138	192,030	53,169	5.02	10,591
2013	82,246.67	43,700	51,439	30,808	7.03	4,382
2014	9,937.18	4,750	5,591	4,346	7.83	555
2015	2,827,527.24	1,189,456	1,400,111	1,427,416	8.69	164,260
2016	82,408,795.33	29,667,166	34,921,278	47,487,517	9.60	4,946,616
2017	117,281,911.30	34,871,431	41,047,229	76,234,682	10.54	7,232,892
2018	3,962,692.97	919,345	1,082,163	2,880,530	11.52	250,046
2019	246,589,445.57	41,099,063	48,377,786	198,211,660	12.50	15,856,933
2020	3,651,149.98	365,115	429,778	3,221,372	13.50	238,620
2021	6,378,210.54	212,586	250,235	6,127,976	14.50	422,619
	475,170,483.33	116,756,969	137,434,853	337,735,630		29,585,455

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 11.4 6.23

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 35-R1						
NET SALVAGE PERCENT.. -5						
1970	349,356.56	303,624	329,918	36,906	6.03	6,120
1973	15,867.00	13,276	14,426	2,234	7.11	314
1974	1,129,670.33	932,661	1,013,429	172,725	7.48	23,092
1975	36,837.80	29,993	32,590	6,090	7.86	775
1976	789,143.59	633,291	688,134	140,467	8.25	17,026
1977	880,428.21	695,981	756,253	168,197	8.65	19,445
1978	702,834.61	546,944	594,309	143,667	9.06	15,857
1979	1,005,429.11	770,060	836,747	218,954	9.47	23,121
1980	610,977.10	460,250	500,108	141,418	9.89	14,299
1981	1,839,601.95	1,362,036	1,479,988	451,594	10.32	43,759
1982	1,691,118.75	1,229,779	1,336,278	439,397	10.76	40,836
1983	1,126,572.04	804,029	873,658	309,243	11.21	27,586
1984	3,469,003.50	2,427,950	2,638,210	1,004,244	11.67	86,053
1985	4,238,455.87	2,906,720	3,158,442	1,291,937	12.14	106,420
1986	4,857,479.15	3,262,747	3,545,301	1,555,052	12.61	123,319
1987	6,836,691.39	4,491,675	4,880,654	2,297,872	13.10	175,410
1988	8,748,409.95	5,619,064	6,105,675	3,080,155	13.59	226,649
1989	8,050,197.08	5,047,449	5,484,558	2,968,149	14.10	210,507
1990	12,713,109.14	7,776,590	8,450,043	4,898,722	14.61	335,299
1991	15,258,358.01	9,090,953	9,878,229	6,143,047	15.14	405,749
1992	11,049,542.86	6,404,315	6,958,929	4,643,091	15.68	296,115
1993	14,219,588.37	8,011,295	8,705,073	6,225,495	16.22	383,816
1994	12,054,256.24	6,588,838	7,159,431	5,497,538	16.78	327,624
1995	12,494,773.39	6,619,712	7,192,979	5,926,533	17.34	341,784
1996	12,763,784.42	6,540,163	7,106,541	6,295,433	17.92	351,308
1997	17,621,392.74	8,722,616	9,477,995	9,024,467	18.50	487,809
1998	19,734,110.59	9,413,260	10,228,448	10,492,368	19.10	549,339
1999	19,501,511.32	8,951,135	9,726,303	10,750,284	19.70	545,700
2000	25,034,709.40	11,032,684	11,988,114	14,298,331	20.31	704,004
2001	16,522,957.42	6,974,340	7,578,318	9,770,787	20.93	466,832
2002	25,256,319.11	10,183,348	11,065,226	15,453,909	21.56	716,786
2003	22,250,425.92	8,544,063	9,283,979	14,078,968	22.20	634,188
2004	38,208,902.10	13,938,665	15,145,753	24,973,594	22.84	1,093,415
2005	26,081,185.10	8,997,970	9,777,194	17,608,050	23.50	749,279
2006	34,014,340.94	11,071,668	12,030,474	23,684,584	24.15	980,728
2007	40,249,092.22	12,292,194	13,356,698	28,904,849	24.82	1,164,579
2008	42,140,014.41	12,022,356	13,063,492	31,183,523	25.49	1,223,363
2009	27,524,840.35	7,299,546	7,931,687	20,969,395	26.16	801,582
2010	17,399,907.92	4,259,445	4,628,313	13,641,590	26.84	508,256
2011	37,774,253.74	8,476,373	9,210,427	30,452,539	27.52	1,106,560
2012	29,157,746.30	5,939,433	6,453,788	24,161,846	28.21	856,499
2013	27,915,586.49	5,108,678	5,551,090	23,760,276	28.90	822,155
2014	37,160,452.37	6,020,161	6,541,507	32,476,968	29.60	1,097,195

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 371.00 INSTALLATIONS ON CUSTOMERS' PREMISES

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 35-R1						
NET SALVAGE PERCENT.. -5						
2015	44,772,019.69	6,313,056	6,859,767	40,150,854	30.30	1,325,111
2016	53,503,965.76	6,404,425	6,959,048	49,220,116	31.01	1,587,234
2017	25,745,203.02	2,533,212	2,752,588	24,279,875	31.72	765,444
2018	18,939,029.42	1,454,461	1,580,417	18,305,564	32.44	564,290
2019	88,762,550.29	4,899,560	5,323,862	87,876,816	33.16	2,650,085
2020	37,699,046.16	1,255,209	1,363,910	38,220,088	33.89	1,127,769
2021	153,790,841.91	1,706,848	1,854,661	159,625,723	34.63	4,609,464
	1,063,691,891.11	266,384,101	289,452,962	827,423,524		30,739,949
COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT ..					26.9	2.89

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 36-R0.5						
NET SALVAGE PERCENT.. -10						
1960	5,138.40	4,900	5,652			
1961	205,762.45	193,646	226,339			
1962	110,191.29	102,322	121,210			
1963	74,521.21	68,289	81,973			
1964	115,634.18	104,584	126,486	712	6.40	111
1965	105,707.54	94,314	114,066	2,212	6.80	325
1966	344,264.27	302,953	366,399	12,292	7.20	1,707
1967	234,682.84	203,725	246,390	11,761	7.59	1,550
1968	89,789.55	76,848	92,942	5,827	7.99	729
1969	1,852,294.36	1,562,659	1,889,918	147,606	8.39	17,593
1970	169,493.46	140,919	170,431	16,012	8.79	1,822
1971	171,994.70	140,897	170,404	18,790	9.19	2,045
1972	150,593.63	121,478	146,918	18,735	9.60	1,952
1973	344,326.32	273,441	330,706	48,053	10.01	4,800
1974	572,132.30	447,188	540,840	88,506	10.42	8,494
1975	290,199.31	223,099	269,821	49,398	10.84	4,557
1976	348,360.26	263,340	318,490	64,706	11.26	5,747
1977	645,794.13	479,701	580,162	130,212	11.69	11,139
1978	328,865.06	239,961	290,215	71,537	12.12	5,902
1979	465,117.87	333,127	402,892	108,738	12.56	8,657
1980	829,284.38	582,804	704,857	207,356	13.00	15,950
1981	902,863.88	622,099	752,382	240,768	13.45	17,901
1982	1,795,044.03	1,212,156	1,466,011	508,537	13.90	36,585
1983	1,406,595.17	930,070	1,124,849	422,406	14.36	29,415
1984	1,741,971.07	1,126,822	1,362,806	553,362	14.83	37,314
1985	1,905,654.34	1,205,326	1,457,751	638,469	15.30	41,730
1986	3,908,481.15	2,414,804	2,920,523	1,378,806	15.78	87,377
1987	2,326,875.68	1,402,794	1,696,573	862,990	16.27	53,042
1988	3,315,478.83	1,949,117	2,357,309	1,289,718	16.76	76,952
1989	3,635,708.98	2,081,865	2,517,858	1,481,422	17.26	85,830
1990	6,099,112.02	3,397,382	4,108,876	2,600,147	17.77	146,322
1991	8,352,178.36	4,522,220	5,469,283	3,718,113	18.28	203,398
1992	5,872,494.97	3,086,337	3,732,691	2,727,053	18.80	145,056
1993	5,363,570.67	2,733,614	3,306,099	2,593,829	19.32	134,256
1994	4,940,797.91	2,438,140	2,948,746	2,486,132	19.85	125,246
1995	5,342,831.98	2,548,376	3,082,068	2,795,047	20.39	137,079
1996	6,901,301.50	3,177,849	3,843,368	3,748,064	20.93	179,076
1997	6,648,104.52	2,949,518	3,567,219	3,745,696	21.48	174,381
1998	7,163,389.35	3,057,807	3,698,186	4,181,542	22.03	189,811
1999	4,671,355.70	1,914,088	2,314,944	2,823,547	22.59	124,991
2000	6,713,481.57	2,635,941	3,187,971	4,196,859	23.15	181,290
2001	4,623,899.03	1,734,984	2,098,332	2,987,957	23.72	125,968
2002	4,985,040.58	1,782,152	2,155,378	3,328,167	24.30	136,962

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 373.00 STREET LIGHTING AND SIGNAL SYSTEMS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 36-R0.5						
NET SALVAGE PERCENT.. -10						
2003	3,218,774.05	1,094,663	1,323,912	2,216,739	24.87	89,133
2004	6,638,154.58	2,139,915	2,588,065	4,713,905	25.45	185,222
2005	5,283,381.18	1,607,928	1,944,667	3,867,052	26.04	148,504
2006	6,202,760.37	1,775,900	2,147,817	4,675,219	26.63	175,562
2007	6,932,846.26	1,859,937	2,249,453	5,376,678	27.22	197,527
2008	7,129,284.85	1,784,104	2,157,739	5,684,474	27.81	204,404
2009	4,861,624.53	1,128,971	1,365,405	3,982,382	28.40	140,225
2010	789,935.01	168,954	204,337	664,592	29.00	22,917
2011	12,151,363.87	2,376,296	2,873,950	10,492,550	29.60	354,478
2012	6,448,716.54	1,142,848	1,382,188	5,711,400	30.20	189,119
2013	6,574,955.94	1,044,655	1,263,431	5,969,021	30.80	193,799
2014	7,202,108.44	1,012,314	1,224,317	6,698,002	31.40	213,312
2015	8,824,190.95	1,075,784	1,301,079	8,405,531	32.01	262,591
2016	8,951,008.54	924,451	1,118,053	8,728,056	32.62	267,568
2017	11,548,078.87	977,360	1,182,043	11,520,844	33.23	346,700
2018	13,447,110.17	887,509	1,073,375	13,718,446	33.84	405,391
2019	16,321,494.46	773,084	934,986	17,018,658	34.45	494,010
2020	29,475,789.00	837,496	1,012,888	31,410,480	35.07	895,651
2021	88,943,496.24	842,384	1,018,800	96,819,046	35.69	2,712,778
	357,015,452.65	78,338,209	94,732,839	297,984,159		10,061,953

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 29.6 2.82

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 389.00 LAND RIGHTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 65-R3						
NET SALVAGE PERCENT.. 0						
1994	165.00	65	82	83	39.21	2
	165.00	65	82	83		2

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 41.5 1.21

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 389.20 RIGHTS OF WAY

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 65-R3						
NET SALVAGE PERCENT.. 0						
1996	546,471.00	202,194	253,712	292,759	40.95	7,149
1997	2,324.00	828	1,039	1,285	41.83	31
1999	1,260.00	414	519	741	43.62	17
2004	71.00	18	23	48	48.18	1
2008	1.03			1	51.93	
	550,127.03	203,454	255,293	294,834		7,198

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 41.0 1.31

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 40-S0.5						
NET SALVAGE PERCENT.. -10						
1956	5,858.42	5,645	5,786	658	4.96	133
1958	1,383.12	1,307	1,340	181	5.63	32
1960	111,695.63	103,483	106,070	16,795	6.31	2,662
1962	337,751.82	306,510	314,171	57,356	7.00	8,194
1963	71,866.48	64,547	66,160	12,893	7.34	1,757
1965	480.14	422	433	95	8.04	12
1966	18,754.02	16,297	16,704	3,925	8.40	467
1967	12,290.63	10,562	10,826	2,694	8.75	308
1968	79,147.65	67,234	68,915	18,147	9.11	1,992
1969	447,899.93	375,922	385,318	107,372	9.48	11,326
1970	32,095.38	26,620	27,285	8,020	9.84	815
1971	330,049.60	270,385	277,143	85,912	10.21	8,414
1972	106,556.68	86,180	88,334	28,878	10.59	2,727
1973	262,441.90	209,514	214,751	73,935	10.97	6,740
1974	52,476.50	41,345	42,378	15,346	11.35	1,352
1975	3,639,334.92	2,828,309	2,899,003	1,104,265	11.74	94,060
1976	16,325.34	12,512	12,825	5,133	12.13	423
1977	9,590,164.67	7,247,287	7,428,433	3,120,748	12.52	249,261
1978	428,564.49	319,152	327,129	144,292	12.92	11,168
1979	922,830.98	676,827	693,744	321,370	13.33	24,109
1980	4,540,393.50	3,278,845	3,360,800	1,633,633	13.74	118,896
1981	4,315,204.86	3,066,385	3,143,029	1,603,696	14.16	113,255
1982	799,966.44	558,997	572,969	306,994	14.59	21,041
1983	825,939.92	567,379	581,561	326,973	15.02	21,769
1984	512,940.97	346,299	354,955	209,280	15.45	13,546
1985	9,826,533.48	6,512,535	6,675,316	4,133,871	15.90	259,992
1986	2,441,656.33	1,587,992	1,627,684	1,058,138	16.35	64,718
1987	20,915,323.16	13,343,976	13,677,508	9,329,347	16.80	555,318
1988	9,066,603.82	5,667,307	5,808,961	4,164,303	17.27	241,129
1989	14,394,427.88	8,811,549	9,031,793	6,802,078	17.74	383,432
1990	2,763,570.85	1,655,241	1,696,614	1,343,314	18.22	73,727
1991	24,451,236.26	14,315,588	14,673,406	12,222,954	18.71	653,285
1992	5,338,936.13	3,052,403	3,128,698	2,744,132	19.21	142,849
1993	2,121,887.39	1,183,377	1,212,955	1,121,121	19.72	56,852
1994	18,207,767.70	9,894,101	10,141,404	9,887,140	20.24	488,495
1995	2,628,977.65	1,390,269	1,425,019	1,466,856	20.77	70,624
1996	13,264,483.29	6,821,261	6,991,758	7,599,174	21.30	356,769
1997	4,258,390.92	2,125,469	2,178,595	2,505,635	21.85	114,674
1998	2,144,783.12	1,037,485	1,063,417	1,295,844	22.41	57,824
1999	2,750,256.13	1,287,257	1,319,432	1,705,850	22.98	74,232
2000	4,471,725.63	2,020,437	2,070,938	2,847,960	23.57	120,830
2001	1,725,210.36	751,502	770,286	1,127,445	24.16	46,666
2002	4,614,564.06	1,932,695	1,981,003	3,095,017	24.77	124,950

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 390.00 STRUCTURES AND IMPROVEMENTS

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. IOWA 40-S0.5						
NET SALVAGE PERCENT.. -10						
2003	375,819.45	150,995	154,769	258,632	25.39	10,186
2004	5,107,729.44	1,962,262	2,011,309	3,607,193	26.03	138,578
2005	4,521,589.10	1,656,258	1,697,656	3,276,092	26.68	122,792
2006	12,584,365.77	4,381,247	4,490,756	9,352,046	27.34	342,065
2007	7,679,744.61	2,527,980	2,591,167	5,856,552	28.03	208,939
2008	20,230,463.13	6,275,490	6,432,346	15,821,163	28.72	550,876
2009	8,900,993.05	2,584,848	2,649,456	7,141,636	29.44	242,583
2010	9,635,004.69	2,604,583	2,669,684	7,928,821	30.17	262,805
2011	58,988,456.41	14,745,639	15,114,205	49,773,097	30.91	1,610,259
2012	19,676,007.44	4,501,871	4,614,395	17,029,213	31.68	537,538
2013	13,883,755.38	2,874,979	2,946,839	12,325,292	32.47	379,590
2014	21,113,498.59	3,907,581	4,005,251	19,219,597	33.27	577,686
2015	22,806,925.47	3,700,424	3,792,916	21,294,702	34.10	624,478
2016	35,574,193.15	4,950,149	5,073,878	34,057,734	34.94	974,749
2017	151,890,898.72	17,501,629	17,939,081	149,140,908	35.81	4,164,784
2018	37,360,455.12	3,390,461	3,475,205	37,621,296	36.70	1,025,103
2019	47,077,075.34	3,094,141	3,171,479	48,613,304	37.61	1,292,563
2020	42,214,125.61	1,694,897	1,737,261	44,698,277	38.54	1,159,789
2021	40,550,265.97	546,415	560,073	44,045,220	39.51	1,114,787
	733,020,114.59	186,930,258	191,602,575	614,719,551		19,940,975

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 30.8 2.72

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 391.00 OFFICE FURNITURE AND EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
2007	990,281.00	990,281	990,281			
	990,281.00	990,281	990,281			
AMORTIZED						
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2008	2,390,988.20	2,151,889	2,151,888	239,100	1.50	159,400
2009	924,453.19	770,375	770,375	154,078	2.50	61,631
2010	2,074,605.94	1,590,538	1,590,538	484,068	3.50	138,305
2011	1,520,477.00	1,064,334	1,064,334	456,143	4.50	101,365
2012	2,691,497.52	1,704,606	1,704,606	986,892	5.50	179,435
2013	2,889,600.97	1,637,450	1,637,450	1,252,151	6.50	192,639
2014	1,962,795.08	981,398	981,398	981,397	7.50	130,853
2015	2,806,602.19	1,216,185	1,216,185	1,590,418	8.50	187,108
2016	2,809,360.64	1,030,108	1,030,108	1,779,253	9.50	187,290
2017	6,437,538.11	1,931,261	1,931,261	4,506,278	10.50	429,169
2018	5,928,090.40	1,383,201	1,383,201	4,544,890	11.50	395,208
2019	17,323,543.64	2,887,315	2,887,314	14,436,229	12.50	1,154,898
2020	7,745,065.69	774,507	774,507	6,970,559	13.50	516,338
2021	7,597,586.70	253,228	253,228	7,344,359	14.50	506,508
	65,102,205.27	19,376,395	19,376,390	45,725,815		4,340,147
	66,092,486.27	20,366,676	20,366,671	45,725,815		4,340,147

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 10.5 6.57

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 391.10 OFFICE FURNITURE AND EQUIPMENT - EDP

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 8-SQUARE						
NET SALVAGE PERCENT.. 0						
2014	7,460,225.23	6,993,961	6,830,909	629,316	0.50	629,316
2015	7,182,502.25	5,835,783	5,699,731	1,482,771	1.50	988,514
2016	4,237,071.96	2,912,987	2,845,076	1,391,996	2.50	556,798
2017	12,437,000.63	6,995,813	6,832,717	5,604,284	3.50	1,601,224
2018	47,232,991.99	20,664,434	20,182,677	27,050,315	4.50	6,011,181
2019	17,856,453.88	5,580,142	5,450,051	12,406,403	5.50	2,255,710
2020	9,669,603.58	1,813,051	1,770,782	7,898,822	6.50	1,215,203
2021	3,962,321.65	247,645	241,872	3,720,450	7.50	496,060
	110,038,171.17	51,043,816	49,853,815	60,184,356		13,754,006

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 4.4 12.50

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.00 TRANSPORTATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PASSENGER CARS AND STATION WAGONS						
SURVIVOR CURVE.. IOWA 5-S2.5						
NET SALVAGE PERCENT.. +10						
1994	1.00	1	1			
1995	8,056.00	7,250	7,250			
2017	52,114.57	34,427	46,903			
	60,171.57	41,678	54,154			
LIGHT TRUCKS						
SURVIVOR CURVE.. IOWA 6-L3						
NET SALVAGE PERCENT.. +10						
2004	6,423.00	5,781	5,781			
2005	147,000.00	132,300	132,300			
2017	1,998,095.54	1,141,912	1,798,286			
2018	26,986.50	13,075	24,288			
2020	48,216.12	10,776	43,394			
	2,226,721.16	1,303,844	2,004,049			
MEDIUM TRUCKS						
SURVIVOR CURVE.. IOWA 8-L2						
NET SALVAGE PERCENT.. +10						
2004	9,836.00	7,801	8,852			
2017	428,714.50	179,899	339,322	46,521	4.27	10,895
2020	148,720.86	24,260	45,759	88,090	6.55	13,449
	587,271.36	211,960	393,933	134,611		24,344
HEAVY TRUCKS						
SURVIVOR CURVE.. IOWA 10-L2						
NET SALVAGE PERCENT.. +10						
1998	73,934.00	60,618	66,541			
1999	359,874.00	289,231	323,887			
2000	305,141.00	240,024	274,627			
2017	270,407.18	96,860	243,366			
2018	295,478.82	85,630	265,931			
2020	82,883.84	10,966	74,596			
	1,387,718.84	783,329	1,248,947			

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.00 TRANSPORTATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
HEAVY TRUCKS / POWER EQUIPPED						
SURVIVOR CURVE.. IOWA 10-L2						
NET SALVAGE PERCENT.. +10						
1987	43,536.00	39,182	39,182			
1998	465,247.00	381,456	418,722			
2001	455,912.00	350,824	410,321			
2017	271,628.14	97,297	244,465			
2018	1,142,780.97	331,178	1,028,503			
	2,379,104.11	1,199,937	2,141,194			
TRACTORS						
SURVIVOR CURVE.. IOWA 13-L3						
NET SALVAGE PERCENT.. +10						
2002	65,897.00	48,176	59,307			
	65,897.00	48,176	59,307			
TRAILERS						
SURVIVOR CURVE.. IOWA 16-L0.5						
NET SALVAGE PERCENT.. +10						
1957	1.00	1	1			
1961	1,045.00	870	941			
1966	2,537.00	2,029	2,283			
1967	1.00	1	1			
1968	11,307.00	8,885	10,176			
1969	12,288.00	9,566	11,059			
1971	3,850.00	2,941	3,465			
1972	2,163.00	1,636	1,947			
1974	7,110.00	5,271	6,399			
1975	1,989.00	1,461	1,790			
1976	2,900.00	2,111	2,610			
1977	12,836.00	9,256	11,552			
1978	21,501.00	15,384	19,351			
1979	21,383.00	15,167	19,245			
1980	16,614.00	11,691	14,953			
1981	11,230.00	7,839	10,107			
1982	6,986.00	4,833	6,287			
1983	1,851.00	1,269	1,666			
1984	10,235.00	6,955	9,212			
1985	4,399.00	2,959	3,959			
1986	16,239.00	10,806	14,615			

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 392.00 TRANSPORTATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
TRAILERS						
SURVIVOR CURVE.. IOWA 16-L0.5						
NET SALVAGE PERCENT.. +10						
1987	4,749.00	3,123	4,274			
1988	50,460.00	32,755	45,414			
1989	94,166.00	60,331	84,749			
1990	114,759.00	72,492	103,283			
1991	80,265.00	49,935	72,239			
1992	5,915.00	3,620	5,324			
1993	100,861.00	60,649	90,775			
1994	106,834.00	63,099	96,151			
1995	169,641.00	98,286	152,677			
1996	43,741.00	24,826	39,367			
1997	5,604.00	3,111	5,044			
1998	28,456.00	15,430	25,610			
1999	18,942.00	10,026	17,048			
2000	5,391.00	2,781	4,852			
2001	95,168.00	47,697	85,651			
2002	80,891.00	39,358	72,802			
2006	100,168.00	42,371	90,151			
2007	47,207.00	19,145	42,486			
2008	21,207.00	8,219	19,086			
2017	3,393,375.37	610,808	1,533,713	1,520,325	12.80	118,775
2018	491,989.93	71,954	180,673	262,117	13.40	19,561
2019	518,826.31	56,911	142,901	324,043	14.05	23,064
2020	1,083,336.25	74,958	188,216	786,786	14.77	53,269
2021	1,995,299.74	49,384	124,001	1,671,769	15.56	107,440
	8,825,717.60	1,642,200	3,378,106	4,565,040		322,109
	15,532,601.64	5,231,124	9,279,690	4,699,651		346,453

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 13.6 2.23

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 393.00 STORES EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
2000	79,448.00	79,448	79,448			
2001	1,003,007.00	1,003,007	1,003,007			
	1,082,455.00	1,082,455	1,082,455			
AMORTIZED						
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2002	113,725.00	110,882	110,225	3,500	0.50	3,500
2006	254,054.00	196,892	195,726	58,328	4.50	12,962
2007	65,228.00	47,290	47,010	18,218	5.50	3,312
2008	172,554.74	116,474	115,784	56,771	6.50	8,734
2009	15,707.81	9,817	9,759	5,949	7.50	793
2011	5,751.43	3,020	3,002	2,749	9.50	289
2012	15,496.82	7,361	7,317	8,179	10.50	779
2013	27,397.96	11,644	11,575	15,823	11.50	1,376
2016	106,196.47	29,204	29,031	77,165	14.50	5,322
2017	11,661,944.43	2,623,937	2,608,397	9,053,547	15.50	584,100
2018	289,556.62	50,672	50,372	239,185	16.50	14,496
2019	399,670.27	49,959	49,663	350,007	17.50	20,000
2020	1,470,971.13	110,323	109,670	1,361,302	18.50	73,584
2021	401,717.01	10,043	9,984	391,733	19.50	20,089
	14,999,971.69	3,377,518	3,357,515	11,642,457		749,336
	16,082,426.69	4,459,973	4,439,970	11,642,457		749,336

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 15.5 4.66

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 394.00 TOOLS, SHOP AND GARAGE EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
1998	1,596.00	1,596	1,596			
1999	2,662.00	2,662	2,662			
2000	1,164,438.00	1,164,438	1,164,438			
	1,168,696.00	1,168,696	1,168,696			
AMORTIZED						
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2002	1,899,043.00	1,851,567	1,841,291	57,752	0.50	57,752
2003	2,903,174.00	2,685,436	2,670,532	232,642	1.50	155,095
2004	2,224,015.00	1,946,013	1,935,212	288,803	2.50	115,521
2005	5,465,252.00	4,508,833	4,483,809	981,443	3.50	280,412
2006	5,380,134.00	4,169,604	4,146,462	1,233,672	4.50	274,149
2007	5,182,715.00	3,757,468	3,736,614	1,446,101	5.50	262,927
2008	4,191,041.81	2,828,953	2,813,252	1,377,790	6.50	211,968
2009	668,570.65	417,857	415,538	253,033	7.50	33,738
2010	328,047.39	188,627	187,580	140,467	8.50	16,526
2011	1,319,895.40	692,945	689,099	630,796	9.50	66,400
2012	2,972,350.72	1,411,867	1,404,031	1,568,320	10.50	149,364
2013	1,158,977.13	492,565	489,831	669,146	11.50	58,187
2014	448,786.54	168,295	167,361	281,426	12.50	22,514
2015	995,758.71	323,622	321,826	673,933	13.50	49,921
2016	2,592,971.80	713,067	709,109	1,883,862	14.50	129,922
2017	19,087,487.79	4,294,685	4,270,849	14,816,639	15.50	955,912
2018	3,427,741.07	599,855	596,526	2,831,215	16.50	171,589
2019	1,118,772.12	139,847	139,071	979,701	17.50	55,983
2020	63,775,171.64	4,783,138	4,756,591	59,018,580	18.50	3,190,194
2021	2,484,855.37	62,121	61,776	2,423,079	19.50	124,260
	127,624,761.14	36,036,365	35,836,360	91,788,401		6,382,334
	128,793,457.14	37,205,061	37,005,056	91,788,401		6,382,334

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 14.4 4.96

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 395.00 LABORATORY EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 15-SQUARE						
NET SALVAGE PERCENT.. 0						
2007	235,575.00	227,723	224,467	11,108	0.50	11,108
2008	331,781.35	298,603	294,334	37,447	1.50	24,965
2009	160,931.26	134,109	132,192	28,739	2.50	11,496
2010	25,126.59	19,264	18,989	6,138	3.50	1,754
2011	4,711.28	3,298	3,251	1,460	4.50	324
2013	32,816.83	18,596	18,330	14,487	6.50	2,229
2015	364,474.33	157,938	155,680	208,794	8.50	24,564
2016	293,001.41	107,435	105,899	187,102	9.50	19,695
2017	1,263,634.53	379,090	373,670	889,965	10.50	84,759
2018	10,426.79	2,433	2,398	8,029	11.50	698
2019	90,876.36	15,146	14,930	75,946	12.50	6,076
	2,813,355.73	1,363,635	1,344,140	1,469,216		187,668

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 7.8 6.67

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 396.00 POWER OPERATED EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
MOBILE CRANES						
SURVIVOR CURVE.. IOWA 19-S1.5						
NET SALVAGE PERCENT.. +10						
2006	257,721.00	146,494	231,949			
2007	97,683.00	53,166	87,915			
2008	218,201.00	113,178	196,381			
2018	73,293.45	11,874	65,964			
2019	37,934.59	4,438	34,141			
2020	718,500.88	50,710	481,825	164,826	17.51	9,413
2021	618,026.15	14,640	139,103	417,120	18.50	22,547
	2,021,360.07	394,500	1,237,278	581,946		31,960
MISCELLANEOUS NON-HIGHWAY EQUIPMENT						
SURVIVOR CURVE.. IOWA 13-L2.5						
NET SALVAGE PERCENT.. +10						
2018	866,929.42	203,462	638,122	142,115	9.61	14,788
2019	24,679.64	4,203	13,182	9,030	10.54	857
2020	897,573.28	92,592	290,398	517,418	11.51	44,954
2021	618,026.17	21,392	67,092	489,131	12.50	39,130
	2,407,208.51	321,649	1,008,794	1,157,694		99,729
MISCELLANEOUS EQUIPMENT						
SURVIVOR CURVE.. IOWA 13-L2.5						
NET SALVAGE PERCENT.. +10						
2008	732.15	436	659			
2009	23,561.65	13,735	21,205			
2012	124,227.21	65,363	111,804			
2013	426.74	211	384			
2017	9,074,629.23	2,688,876	8,167,166			
2018	176,568.98	41,440	155,616	3,297	9.61	343
2019	1,469,052.98	250,190	939,514	382,634	10.54	36,303
2020	2,861,916.72	295,230	1,108,648	1,467,077	11.51	127,461
2021	880,437.94	30,475	114,440	677,954	12.50	54,236
	14,611,553.60	3,385,956	10,619,436	2,530,962		218,343
	19,040,122.18	4,102,105	12,865,508	4,270,602		350,032

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 12.2 1.84

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 397.00 COMMUNICATION EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
FULLY ACCRUED						
NET SALVAGE PERCENT.. 0						
2009	8,786.50	8,786	8,787			
2010	31,992.77	31,993	31,993			
2011	121,527.42	121,527	121,528			
	162,306.69	162,306	162,307			
AMORTIZED						
SURVIVOR CURVE.. 10-SQUARE						
NET SALVAGE PERCENT.. 0						
2012	5,543,341.90	5,266,175	5,199,929	343,413	0.50	343,413
2013	7,763,670.77	6,599,120	6,516,107	1,247,564	1.50	831,709
2014	17,284,351.35	12,963,264	12,800,193	4,484,158	2.50	1,793,663
2015	5,892,069.46	3,829,845	3,781,668	2,110,402	3.50	602,972
2016	9,044,063.64	4,974,235	4,911,662	4,132,402	4.50	918,312
2017	7,863,223.84	3,538,451	3,493,939	4,369,285	5.50	794,415
2018	18,049,386.03	6,317,285	6,237,817	11,811,569	6.50	1,817,164
2019	82,913,528.80	20,728,382	20,467,630	62,445,899	7.50	8,326,120
2020	52,999,404.04	7,949,911	7,849,905	45,149,499	8.50	5,311,706
2021	47,501,554.47	2,375,078	2,345,201	45,156,354	9.50	4,753,300
	254,854,594.30	74,541,746	73,604,050	181,250,544		25,492,774
	255,016,900.99	74,704,052	73,766,357	181,250,544		25,492,774

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 7.1 10.00

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

ACCOUNT 398.00 MISCELLANEOUS EQUIPMENT

CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL
RELATED TO ORIGINAL COST AS OF DECEMBER 31, 2021

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUTURE BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
SURVIVOR CURVE.. 20-SQUARE						
NET SALVAGE PERCENT.. 0						
2002	83,085.00	81,008	80,576	2,509	0.50	2,509
2003	45,150.00	41,764	41,541	3,609	1.50	2,406
2006	805,841.00	624,527	621,195	184,646	4.50	41,032
2007	322,046.00	233,483	232,237	89,809	5.50	16,329
2008	96,902.43	65,409	65,060	31,842	6.50	4,899
2009	107,665.76	67,291	66,932	40,734	7.50	5,431
2010	180,362.61	103,709	103,156	77,207	8.50	9,083
2011	56,981.01	29,915	29,755	27,226	9.50	2,866
2012	129,438.28	61,483	61,155	68,283	10.50	6,503
2013	19,820.29	8,424	8,379	11,441	11.50	995
2014	35,787.02	13,420	13,348	22,439	12.50	1,795
2015	376,553.93	122,380	121,727	254,827	13.50	18,876
2016	793,347.89	218,171	217,007	576,341	14.50	39,748
2017	6,515,597.42	1,466,009	1,458,189	5,057,408	15.50	326,284
2018	833,682.98	145,895	145,117	688,566	16.50	41,731
2019	3,198,709.12	399,839	397,706	2,801,003	17.50	160,057
2020	556,712.82	41,753	41,530	515,183	18.50	27,848
2021	988,899.58	24,722	24,590	964,310	19.50	49,452
	15,146,583.14	3,749,202	3,729,200	11,417,383		757,844

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PERCENT .. 15.1 5.00

-/A

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

ACCOUNT		PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
(1)		(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
STEAM PRODUCTION PLANT											
311 00	STRUCTURES AND MPROVEMENTS										
	MARSHALL UNIT 1	12-2028	90-S1	*	(3)	4,009,963.84	2,729,491	1,400,772	206,059	5.14	6.8
	MARSHALL UNIT 2	12-2028	90-S1	*	(4)	6,092,584.90	4,159,602	2,176,686	320,505	5.26	6.8
	MARSHALL UNIT 3	12-2032	90-S1	*	(4)	9,592,807.15	5,927,916	4,048,603	382,722	3.99	10.6
	MARSHALL UNIT 4	12-2032	90-S1	*	(4)	7,104,018.20	4,440,018	2,948,161	279,271	3.93	10.6
	MARSHALL COMMON	12-2032	90-S1	*	(4)	168,536,268.86	43,525,193	131,752,527	12,018,857	7.13	11.0
	BELEWS CREEK UNIT 1	12-2035	90-S1	*	(6)	131,857,154.97	66,126,778	73,641,806	5,390,821	4.09	13.7
	BELEWS CREEK UNIT 2	12-2035	90-S1	*	(6)	65,951,215.49	29,886,655	40,021,633	2,903,561	4.40	13.8
	BELEWS CREEK COMMON	12-2035	90-S1	*	(6)	200,205,509.06	51,184,550	161,033,290	11,579,230	5.78	13.9
	LEE	03-2022	90-S1	*	(12)	13,123,930.34	12,643,112	2,055,690	2,055,690	15.66	1.0
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	90-S1	*	(5)	60,758,312.35	39,369,107	24,427,121	6,136,665	10.10	4.0
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	90-S1	*	(8)	155,989,756.57	34,270,711	134,198,226	5,086,714	3.26	26.4
	CL FFS DE COMMON (J.E. ROGERS)	12-2048	90-S1	*	(6)	147,832,930.54	15,254,680	141,448,226	5,310,989	3.59	26.6
	ALLEN	12-2023	90-S1	*	(5)	161 355 511.52	97 632 999	71 790 288	35 915 444	22.26	2.0
	TOTAL STRUCTURES AND IMPROVEMENTS					1,132,409,963.79	407,150,812	790,943,029	87,586,528	7.73	9.0
312 00	BOILER PLANT EQUIPMENT										
	MARSHALL UNIT 1	12-2028	47-R2	*	(3)	482,435,560.10	301,877,381	195,031,246	28,441,871	5.90	6.9
	MARSHALL UNIT 2	12-2028	47-R2	*	(4)	113,723,953.57	61,859,071	56,413,841	8,248,014	7.25	6.8
	MARSHALL UNIT 3	12-2032	47-R2	*	(4)	306,016,158.30	148,924,894	169,331,911	15,963,334	5.22	10.6
	MARSHALL UNIT 4	12-2032	47-R2	*	(4)	199,256,872.74	88,589,690	118,637,458	11,188,264	5.61	10.6
	MARSHALL COMMON	12-2032	47-R2	*	(4)	354,842,132.37	112,724,551	256,311,267	23,915,090	6.74	10.7
	BELEWS CREEK UNIT 1	12-2035	47-R2	*	(6)	402,272,281.54	173,409,410	252,999,208	18,896,533	4.70	13.4
	BELEWS CREEK UNIT 2	12-2035	47-R2	*	(6)	325,520,604.88	143,192,228	201,859,613	15,092,641	4.64	13.4
	BELEWS CREEK COMMON	12-2035	47-R2	*	(6)	1,007,887,247.57	420,289,184	648,071,298	48,751,094	4.84	13.3
	LEE	03-2022	47-R2	*	(12)	46,799,187.41	48,304,265	4,110,825	4,110,825	8.78	1.0
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	47-R2	*	(5)	636,792,124.37	433,520,342	235,111,389	59,392,403	9.33	4.0
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	47-R2	*	(8)	1,277,318,126.21	337,771,793	1,041,731,783	42,551,335	3.33	24.5
	CL FFS DE COMMON (J.E. ROGERS)	12-2048	47-R2	*	(6)	14,918,380.38	3,586,629	12,226,854	497,519	3.33	24.6
	ALLEN	12-2023	47-R2	*	(5)	607 456 476.02	495 250 720	142 578 580	71 656 558	11.80	2.0
	TOTAL BOILER PLANT EQUIPMENT					5,775,239,105.46	2,769,300,158	3,334,415,273	348,705,481	6.04	9.6
314 00	TURBOGENERATOR UNITS										
	MARSHALL UNIT 1	12-2028	50-S0.5	*	(3)	48,514,739.94	15,514,115	34,456,067	4,994,770	10.30	6.9
	MARSHALL UNIT 2	12-2028	50-S0.5	*	(4)	55,070,729.51	18,058,566	39,214,993	5,735,265	10.41	6.8
	MARSHALL UNIT 3	12-2032	50-S0.5	*	(4)	55,000,059.28	17,659,666	39,540,396	3,781,668	6.88	10.5
	MARSHALL UNIT 4	12-2032	50-S0.5	*	(4)	74,442,601.09	26,228,625	51,191,680	4,891,231	6.57	10.5
	MARSHALL COMMON	12-2032	50-S0.5	*	(4)	8,584,327.39	3,189,284	5,738,416	554,541	6.46	10.3
	BELEWS CREEK UNIT 1	12-2035	50-S0.5	*	(6)	97,199,859.58	27,169,171	75,862,680	5,689,011	5.85	13.3
	BELEWS CREEK UNIT 2	12-2035	50-S0.5	*	(6)	111,149,237.44	31,192,253	86,625,939	6,490,543	5.84	13.3
	BELEWS CREEK COMMON	12-2035	50-S0.5	*	(6)	40,782,764.55	15,357,105	27,872,625	2,220,310	5.44	12.6
	LEE	03-2022	50-S0.5	*	(12)	8,683,987.42	8,037,775	1,688,291	1,688,290	19.44	1.0
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	50-S0.5	*	(5)	59,900,126.04	32,562,682	30,332,450	7,764,052	12.96	3.9
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	50-S0.5	*	(8)	267,185,630.48	52,348,945	236,211,536	9,865,339	3.69	23.9
	ALLEN	12-2023	50-S0.5	*	(5)	63,590,030.88	35,719,065	31,050,467	15,687,378	24.67	2.0
	SHARED DEPARTMENT PLANT	12-2048	50-S0.5	*	(10)	14 673.94	4 111	12 030	525	3.58	22.9
	TOTAL TURBOGENERATOR UNITS					890,118,767.54	283,041,363	659,797,570	69,362,923	7.79	9.5

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
315 00	ACCESSORY ELECTRIC EQUIPMENT										
	MARSHALL UNIT 1	12-2028	60-S1	*	(3)	7,604,503.50	4,243,531	3,589,108	521,428	6.86	6.9
	MARSHALL UNIT 2	12-2028	60-S1	*	(4)	5,922,427.73	2,729,281	3,430,044	496,365	8.38	6.9
	MARSHALL UNIT 3	12-2032	60-S1	*	(4)	29,085,682.54	17,117,032	13,132,078	1,251,051	4.30	10.5
	MARSHALL UNIT 4	12-2032	60-S1	*	(4)	19,892,421.83	11,369,093	9,319,026	887,122	4.46	10.5
	MARSHALL COMMON	12-2032	60-S1	*	(4)	22,419,153.37	10,067,726	13,248,194	1,234,850	5.51	10.7
	BELEWS CREEK UNIT 1	12-2035	60-S1	*	(6)	21,359,179.08	9,972,734	12,667,996	938,327	4.39	13.5
	BELEWS CREEK UNIT 2	12-2035	60-S1	*	(6)	19,328,358.98	9,555,358	10,932,703	812,600	4.20	13.5
	BELEWS CREEK COMMON	12-2035	60-S1	*	(6)	31,217,294.84	16,089,195	17,001,138	1,296,138	4.15	13.1
	LEE	03-2022	60-S1	*	(12)	16,637,076.93	16,176,161	2,457,365	2,457,364	14.77	1.0
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	60-S1	*	(5)	24,027,867.42	18,356,689	6,872,572	1,748,786	7.28	3.9
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	60-S1	*	(8)	153,701,998.28	38,843,044	127,155,114	5,024,632	3.27	25.3
	CL FFS DE COMMON (J.E. ROGERS)	12-2048	60-S1	*	(6)	1,315,068.92	117,821	1,276,152	48,936	3.72	26.1
	ALLEN	12-2023	60-S1	*	(5)	41,454,912.16	34,572,199	8,955,459	4,514,428	10.89	2.0
	TOTAL ACCESSORY ELECTRIC EQUIPMENT					393,965,945.58	189,209,864	230,036,949	21,232,027	5.39	10.8
316 00	MISCELLANEOUS POWER PLANT EQUIPMENT										
	MARSHALL UNIT 1	12-2028	45-R2.5	*	(3)	2,025,256.80	1,133,844	952,171	139,229	6.87	6.8
	MARSHALL UNIT 2	12-2028	45-R2.5	*	(4)	1,050,801.00	734,107	358,726	53,973	5.14	6.6
	MARSHALL UNIT 3	12-2032	45-R2.5	*	(4)	3,695,499.62	1,694,396	2,148,924	201,660	5.46	10.7
	MARSHALL UNIT 4	12-2032	45-R2.5	*	(4)	2,213,259.65	1,158,895	1,142,895	109,000	4.92	10.5
	MARSHALL COMMON	12-2032	45-R2.5	*	(4)	28,791,315.97	12,378,779	17,564,190	1,654,737	5.75	10.6
	BELEWS CREEK UNIT 1	12-2035	45-R2.5	*	(6)	3,359,701.77	1,354,121	2,207,163	163,766	4.87	13.5
	BELEWS CREEK UNIT 2	12-2035	45-R2.5	*	(6)	2,108,637.33	760,115	1,475,041	108,725	5.16	13.6
	BELEWS CREEK COMMON	12-2035	45-R2.5	*	(6)	26,224,507.01	9,067,248	18,730,729	1,393,579	5.31	13.4
	LEE	03-2022	45-R2.5	*	(12)	6,290,749.21	5,857,143	1,188,496	1,188,497	18.89	1.0
	CL FFS DE UNIT 5 (J E. ROGERS)	12-2025	45-R2.5	*	(5)	11,493,380.05	7,600,340	4,467,709	1,130,744	9.84	4.0
	CL FFS DE UNIT 6 (J E. ROGERS)	12-2048	45-R2.5	*	(8)	246,475,193.56	60,275,006	205,918,203	8,349,656	3.39	24.7
	CL FFS DE COMMON (J.E. ROGERS)	12-2048	45-R2.5	*	(6)	7,330,212.97	1,039,440	6,730,586	265,708	3.62	25.3
	ALLEN	12-2023	45-R2.5	*	(5)	21,050,521.37	15,381,568	6,721,479	3,376,362	16.04	2.0
	SHARED DEPARTMENT PLANT	12-2048	45-R2.5	*	(10)	830,130.36	165,262	747,881	29,874	3.60	25.0
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT					362,939,166.67	118,600,264	270,354,193	18,165,510	5.01	14.9
	TOTAL STEAM PRODUCTION PLANT					**8,554,672,949.04**	**3,767,302,461**	**5,285,547,014**	**545,052,469**	**6.37**	
	NUCLEAR PRODUCTION PLANT										
321 00	STRUCTURES AND MPROVEMENTS										
	OCONEE	07-2054	55-S1.5	*	(4)	1,019,281,183.74	375,180,447	684,871,984	23,618,229	2.32	29.0
	MCGUIRE	03-2063	55-S1.5	*	(8)	721,643,971.62	427,262,855	352,112,634	12,195,424	1.69	28.9
	CATAWBA	12-2063	55-S1.5	*	(8)	251 711 370.41	150 853 755	120 994 525	4 213 221	1.67	28.7
	TOTAL STRUCTURES AND IMPROVEMENTS					1,992,636,525.77	953,297,057	1,157,979,143	40,026,874	2.01	28.9
322 00	REACTOR PLANT EQUIPMENT										
	OCONEE	07-2054	45-R2	*	(4)	2,067,904,613.19	749,753,548	1,400,867,250	51,161,786	2.47	27.4
	MCGUIRE	03-2063	45-R2	*	(8)	1,614,070,842.69	975,050,591	768,145,919	28,657,645	1.78	26.8
	CATAWBA	12-2063	45-R2	*	(8)	387 760 120.58	251 219 437	167 561 493	6 621 051	1.71	25.3
	TOTAL REACTOR PLANT EQU PMENT					4,069,735,576.46	1,976,023,576	2,336,574,662	86,440,482	2.12	27.0

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
323 00	TURBOGENERATOR UNITS										
	OCONEE	07-2054	40-R2	*	(4)	430,486,729.29	121,178,170	326,528,028	12,942,067	3.01	25.2
	MCGUIRE	03-2063	40-R2	*	(8)	573,569,892.98	214,544,481	404,911,003	15,836,521	2.76	25.6
	CATAWBA	12-2063	40-R2	*	(8)	116,116,405.63	57,226,699	68,179,019	3,169,176	2.73	21.5
	TOTAL TURBOGENERATOR UNITS					1,120,173,027.90	392,949,350	799,618,050	31,947,764	2.85	25.0
324 00	ACCESSORY ELECTRIC EQUIPMENT										
	OCONEE	07-2054	45-R3	*	(4)	939,193,970.26	285,909,513	690,852,216	23,946,128	2.55	28.9
	MCGUIRE	03-2063	45-R3	*	(8)	278,759,279.62	156,586,312	144,473,710	5,120,469	1.84	28.2
	CATAWBA	12-2063	45-R3	*	(8)	92,964,812.60	56,328,823	44,073,175	1,684,219	1.81	26.2
	SHARED DEPARTMENT PLANT	12-2063	45-R3	*	(10)	124,789.97	45,583	91,686	2,892	2.32	31.7
	TOTAL ACCESSORY ELECTRIC EQUIPMENT					1,311,042,852.45	498,870,231	879,490,787	30,753,708	2.35	28.6
325 00	MISCELLANEOUS POWER PLANT EQUIPMENT										
	OCONEE	07-2054	50-R2.5	*	(4)	270,468,486.38	114,710,199	166,577,027	5,895,228	2.18	28.3
	MCGUIRE	03-2063	50-R2.5	*	(8)	308,391,167.65	142,919,964	190,142,497	5,917,149	1.92	32.1
	CATAWBA	12-2063	50-R2.5	*	(8)	54,038,716.58	26,791,059	31,570,755	1,006,597	1.86	31.4
	SHARED DEPARTMENT PLANT	12-2063	50-R2.5	*	(5)	4,126,480.02	643,505	3,689,299	100,097	2.43	36.9
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT					637,024,850.63	285,064,727	391,979,578	12,919,071	2.03	30.3
	TOTAL NUCLEAR PRODUCTION PLANT					**9,130,612,833.21**	**4,106,204,941**	**5,565,642,220**	**202,087,899**	**2.21**	
	HYDRAULIC PRODUCTION PLANT										
331 00	STRUCTURES AND MPROVEMENTS										
	COWANS FORD	10-2055	75-S2	*	(4)	19,751,910.65	8,824,619	11,717,368	383,769	1.94	30.5
	BAD CREEK	07-2067	75-S2	*	(9)	234,244,262.04	117,348,991	137,977,255	3,709,283	1.58	37.2
	JOCASSEE	08-2046	75-S2	*	(1)	33,533,952.47	14,636,064	19,233,228	815,892	2.43	23.6
	KEOWEE	08-2046	75-S2	*	(3)	32,788,214.66	4,903,626	28,868,235	1,176,491	3.59	24.5
	FISHING CREEK	10-2055	75-S2	*	(13)	5,708,226.16	2,060,393	4,389,903	136,028	2.38	32.3
	CEDAR CREEK	10-2055	75-S2	*	(14)	4,096,777.58	1,733,249	2,937,077	92,161	2.25	31.9
	BRIDGEWATER	10-2055	75-S2	*	(3)	66,243,976.56	17,601,446	50,629,850	1,538,403	2.32	32.9
	LOOKOUT SHOALS	10-2055	75-S2	*	(21)	2,871,615.01	1,419,606	2,055,048	65,203	2.27	31.5
	MOUNTAIN ISLAND	10-2055	75-S2	*	(16)	4,116,426.21	1,199,866	3,575,188	109,294	2.66	32.7
	99 ISLANDS	05-2036	75-S2	*	(15)	1,206,654.91	708,253	679,400	47,549	3.94	14.3
	OXFORD	10-2055	75-S2	*	(7)	4,211,263.52	1,913,091	2,592,961	82,490	1.96	31.4
	RHODHISS	10-2055	75-S2	*	(13)	6,066,351.39	1,967,967	4,887,010	150,499	2.48	32.5
	WATEREE	10-2055	75-S2	*	(13)	17,453,756.83	4,801,173	14,921,572	458,757	2.63	32.5
	WYL E	10-2055	75-S2	*	(10)	8,392,377.62	3,225,424	6,006,191	187,791	2.24	32.0
	GREAT FALLS	10-2055	75-S2	*	(108)	551,581.86	619,668	527,622	17,170	3.11	30.7
	DEARBORN	10-2055	75-S2	*	(19)	2,131,193.11	1,225,420	1,310,700	42,671	2.00	30.7
	NPL BEAR CREEK	04-2041	75-S2	*	(8)	1,066,014.82	323,682	827,614	43,133	4.05	19.2
	NPL CEDAR CLIFF	04-2041	75-S2	*	(17)	1,078,554.48	352,022	909,887	47,402	4.39	19.2
	NPL NANTAHALA	01-2042	75-S2	*	(10)	2,609,433.34	1,004,646	1,865,731	94,447	3.62	19.8
	NPL QUEENS CREEK	02-2032	75-S2	*	(95)	112,213.15	116,922	101,894	10,057	8.96	10.1
	NPL TENNESSEE CREEK	04-2041	75-S2	*	(11)	355,877.97	192,179	202,846	10,818	3.04	18.8
	NPL THORPE	04-2041	75-S2	*	(36)	4,578,421.14	2,056,020	4,170,633	218,731	4.78	19.1
	NPL TUCKASEGEE	04-2041	75-S2	*	(55)	2,401,434.01	1,233,166	2,489,057	129,578	5.40	19.2
	SHARED DEPARTMENT PLANT	01-2042	75-S2	*	(25)	27 830.67	15 891	18 897	953	3.42	19.8
	TOTAL STRUCTURES AND IMPROVEMENTS					455,598,320.16	189,483,384	302,895,167	9,568,570	2.10	31.7

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
332 00	RESERVOIRS, DAMS AND WATERWAYS										
	COWANS FORD	10-2055	100-S2 5	*	(4)	38,853,208.29	17,668,487	22,738,850	692,043	1.78	32.9
	BAD CREEK	07-2067	100-S2 5	*	(9)	455,754,166.98	246,203,324	250,568,718	5,861,049	1.29	42.8
	JOCASSEE	08-2046	100-S2 5	*	(1)	61,453,954.67	39,374,347	22,694,147	944,219	1.54	24.0
	KEOWEE	08-2046	100-S2 5	*	(3)	17,981,009.00	14,345,680	4,174,759	178,404	0.99	23.4
	FISHING CREEK	10-2055	100-S2 5	*	(13)	23,481,095.44	8,399,794	18,133,844	541,456	2.31	33.5
	CEDAR CREEK	10-2055	100-S2 5	*	(14)	12,017,600.10	5,248,838	8,451,226	252,785	2.10	33.4
	BRIDGEWATER	10-2055	100-S2 5	*	(3)	200,720,291.09	46,360,401	160,381,499	4,762,954	2.37	33.7
	LOOKOUT SHOALS	10-2055	100-S2 5	*	(21)	5,580,443.41	3,903,795	2,848,542	86,475	1.55	32.9
	MOUNTAIN ISLAND	10-2055	100-S2 5	*	(16)	14,584,120.65	4,887,017	12,030,563	359,508	2.47	33.5
	99 ISLANDS	05-2036	100-S2 5	*	(15)	12,905,168.02	9,277,285	5,563,658	386,328	2.99	14.4
	OXFORD	10-2055	100-S2 5	*	(7)	36,203,844.33	12,311,776	26,426,337	788,410	2.18	33.5
	RHODHISS	10-2055	100-S2 5	*	(13)	10,908,629.73	4,692,013	7,634,739	228,844	2.10	33.4
	WATEREE	10-2055	100-S2 5	*	(13)	15,019,295.50	9,114,588	7,857,216	238,373	1.59	33.0
	WYL E	10-2055	100-S2 5	*	(10)	29,701,234.32	9,182,787	23,488,571	700,521	2.36	33.5
	GREAT FALLS	10-2055	100-S2 5	*	(108)	2,869,197.00	4,223,215	1,744,715	53,517	1.87	32.6
	DEARBORN	10-2055	100-S2 5	*	(19)	2,394,278.61	1,130,190	1,719,002	51,657	2.16	33.3
	NPL BEAR CREEK	04-2041	100-S2 5	*	(8)	8,021,219.13	3,177,473	5,485,444	284,438	3.55	19.3
	NPL CEDAR CLIFF	04-2041	100-S2 5	*	(17)	5,593,886.94	2,336,648	4,208,200	218,169	3.90	19.3
	NPL NANTAHALA	01-2042	100-S2 5	*	(10)	16,018,307.69	11,090,876	6,529,262	328,067	2.05	19.9
	NPL QUEENS CREEK	02-2032	100-S2 5	*	(95)	763,263.69	1,131,205	357,159	35,124	4.60	10.2
	NPL TENNESSEE CREEK	04-2041	100-S2 5	*	(11)	12,191,332.96	4,924,097	8,608,283	446,534	3.66	19.3
	NPL THORPE	04-2041	100-S2 5	*	(36)	6,614,546.16	6,634,973	2,360,810	123,498	1.87	19.1
	NPL TUCKASEGEE	04-2041	100-S2 5	*	(55)	2,028,914.25	1,123,506	2,021,311	104,886	5.17	19.3
	SHARED DEPARTMENT PLANT	01-2042	100-S2 5	*	(25)	324,568.00	262,677	143,033	7,170	2.21	19.9
	TOTAL RESERVO RS, DAMS AND WATERWAYS					991,983,575.96	467,004,992	606,169,888	17,674,429	1.78	34.3
333 00	WATER WHEELS, TURBINES AND GENERATORS										
	COWANS FORD	10-2055	60-L2	*	(4)	68,487,087.07	12,757,912	58,468,659	1,930,626	2.82	30.3
	BAD CREEK	07-2067	60-L2	*	(9)	278,478,568.48	77,523,546	226,018,094	6,634,555	2.38	34.1
	JOCASSEE	08-2046	60-L2	*	(1)	71,420,107.14	25,499,982	46,634,326	2,112,877	2.96	22.1
	KEOWEE	08-2046	60-L2	*	(3)	173,934,216.98	27,665,672	151,486,571	6,364,436	3.66	23.8
	FISHING CREEK	10-2055	60-L2	*	(13)	22,401,991.61	9,355,205	15,959,046	593,694	2.65	26.9
	CEDAR CREEK	10-2055	60-L2	*	(14)	16,788,917.09	5,075,144	14,064,221	487,082	2.90	28.9
	BRIDGEWATER	10-2055	60-L2	*	(3)	20,780,376.11	4,616,850	16,786,937	550,930	2.65	30.5
	LOOKOUT SHOALS	10-2055	60-L2	*	(21)	10,652,140.62	4,481,903	8,407,187	309,636	2.91	27.2
	MOUNTAIN ISLAND	10-2055	60-L2	*	(16)	16,306,551.61	6,030,189	12,885,411	456,974	2.80	28.2
	99 ISLANDS	05-2036	60-L2	*	(15)	12,208,892.56	4,903,929	9,136,297	648,531	5.31	14.1
	OXFORD	10-2055	60-L2	*	(7)	18,494,760.61	4,728,261	15,061,133	507,622	2.74	29.7
	RHODHISS	10-2055	60-L2	*	(13)	17,378,790.35	4,616,338	15,021,695	502,493	2.89	29.9
	WATEREE	10-2055	60-L2	*	(13)	24,103,860.35	9,343,679	17,893,683	653,807	2.71	27.4
	WYL E	10-2055	60-L2	*	(10)	30,556,201.49	7,306,148	26,305,674	885,660	2.90	29.7
	GREAT FALLS	10-2055	60-L2	*	(108)	5,314,118.62	4,728,482	6,324,885	258,612	4.87	24.5
	DEARBORN	10-2055	60-L2	*	(19)	11,960,714.37	5,118,531	9,114,719	337,027	2.82	27.0
	NPL BEAR CREEK	04-2041	60-L2	*	(8)	6,310,104.72	1,118,634	5,696,279	299,552	4.75	19.0
	NPL CEDAR CLIFF	04-2041	60-L2	*	(17)	3,386,918.04	1,106,471	2,856,223	153,094	4.52	18.7
	NPL NANTAHALA	01-2042	60-L2	*	(10)	3,876,086.78	1,674,829	2,588,866	140,855	3.63	18.4
	NPL QUEENS CREEK	02-2032	60-L2	*	(95)	38,141.00	53,412	20,963	2,461	6.45	8.5
	NPL TENNESSEE CREEK	04-2041	60-L2	*	(11)	10,886,412.31	425,532	11,658,386	608,947	5.59	19.1
	NPL THORPE	04-2041	60-L2	*	(36)	420,632.00	374,589	197,471	14,939	3.55	13.2
	NPL TUCKASEGEE	04-2041	60-L2	*	(55)	250,398.87	160,308	227,810	13,473	5.38	16.9
	TOTAL WATER WHEELS, TURB NES AND GENERATORS					824,435,988.78	218,665,546	672,814,536	24,467,883	2.97	27.5

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
334 00	ACCESSORY ELECTRIC EQUIPMENT										
	COWANS FORD	10-2055	60-S1	*	(4)	12,978,753.81	2,245,835	11,252,069	366,271	2.82	30.7
	BAD CREEK	07-2067	60-S1	*	(9)	57,868,265.94	24,213,312	38,863,098	1,245,596	2.15	31.2
	JOCASSEE	08-2046	60-S1	*	(1)	19,445,364.65	5,354,156	14,285,662	629,650	3.24	22.7
	KEOWEE	08-2046	60-S1	*	(3)	14,183,983.33	5,505,153	9,104,350	408,060	2.88	22.3
	FISHING CREEK	10-2055	60-S1	*	(13)	4,563,858.93	1,781,652	3,375,509	120,382	2.64	28.0
	CEDAR CREEK	10-2055	60-S1	*	(14)	3,751,304.71	1,337,531	2,938,956	101,969	2.72	28.8
	BRIDGEWATER	10-2055	60-S1	*	(3)	7,436,806.13	1,677,044	5,982,866	196,309	2.64	30.5
	LOOKOUT SHOALS	10-2055	60-S1	*	(21)	2,095,204.40	987,068	1,548,129	58,393	2.79	26.5
	MOUNTAIN ISLAND	10-2055	60-S1	*	(16)	3,154,895.06	1,029,429	2,630,249	91,642	2.90	28.7
	99 ISLANDS	05-2036	60-S1	*	(15)	820,636.75	336,075	607,657	45,005	5.48	13.5
	OXFORD	10-2055	60-S1	*	(7)	3,904,494.93	1,400,053	2,777,757	98,107	2.51	28.3
	RHODHISS	10-2055	60-S1	*	(13)	2,355,053.28	925,308	1,735,902	62,595	2.66	27.7
	WATEREE	10-2055	60-S1	*	(13)	5,322,021.57	1,793,155	4,220,729	145,594	2.74	29.0
	WYL E	10-2055	60-S1	*	(10)	3,962,982.85	1,532,759	2,826,522	102,617	2.59	27.5
	GREAT FALLS	10-2055	60-S1	*	(108)	888,922.26	813,093	1,035,865	56,352	6.34	18.4
	DEARBORN	10-2055	60-S1	*	(19)	3,858,305.99	1,657,667	2,933,717	105,290	2.73	27.9
	NPL BEAR CREEK	04-2041	60-S1	*	(8)	303,466.52	76,619	251,125	13,686	4.51	18.3
	NPL CEDAR CLIFF	04-2041	60-S1	*	(17)	372,635.70	76,193	359,791	19,273	5.17	18.7
	NPL NANTAHALA	01-2042	60-S1	*	(10)	2,870,040.50	819,742	2,337,303	121,283	4.23	19.3
	NPL QUEENS CREEK	02-2032	60-S1	*	(95)	183,285.31	219,700	137,706	14,244	7.77	9.7
	NPL TENNESSEE CREEK	04-2041	60-S1	*	(11)	3,157,079.90	184,891	3,319,468	174,371	5.52	19.0
	NPL THORPE	04-2041	60-S1	*	(36)	2,536,155.87	1,265,877	2,183,295	120,746	4.76	18.1
	NPL TUCKASEGEE	04-2041	60-S1	*	(55)	436,678.33	199,017	477,834	25,932	5.94	18.4
	TOTAL ACCESSORY ELECTRIC EQUIPMENT					156,450,196.72	55,431,329	115,185,559	4,323,367	2.76	26.6
335 00	MISCELLANEOUS POWER PLANT EQUIPMENT										
	COWANS FORD	10-2055	57-R2	*	(4)	2,251,209.43	546,925	1,794,333	59,361	2.64	30.2
	BAD CREEK	07-2067	57-R2	*	(9)	30,106,922.47	12,840,345	19,976,200	612,281	2.03	32.6
	JOCASSEE	08-2046	57-R2	*	(1)	4,473,232.68	1,751,779	2,766,186	124,874	2.79	22.2
	KEOWEE	08-2046	57-R2	*	(3)	2,801,734.81	663,957	2,221,830	96,361	3.44	23.1
	FISHING CREEK	10-2055	57-R2	*	(13)	337,031.26	120,493	260,352	8,831	2.62	29.5
	CEDAR CREEK	10-2055	57-R2	*	(14)	499,493.64	143,362	426,061	14,075	2.82	30.3
	BRIDGEWATER	10-2055	57-R2	*	(3)	7,365,600.61	1,848,004	5,738,565	187,067	2.54	30.7
	LOOKOUT SHOALS	10-2055	57-R2	*	(21)	452,187.41	188,603	358,544	12,340	2.73	29.1
	MOUNTAIN ISLAND	10-2055	57-R2	*	(16)	502,664.36	198,744	384,347	13,208	2.63	29.1
	99 ISLANDS	05-2036	57-R2	*	(15)	510,703.13	246,018	341,291	24,429	4.78	14.0
	OXFORD	10-2055	57-R2	*	(7)	678,188.70	213,448	512,214	17,196	2.54	29.8
	RHODHISS	10-2055	57-R2	*	(13)	498,905.16	202,607	361,156	12,492	2.50	28.9
	WATEREE	10-2055	57-R2	*	(13)	637,406.82	182,462	537,808	17,804	2.79	30.2
	WYL E	10-2055	57-R2	*	(10)	863,410.75	195,710	754,042	24,639	2.85	30.6
	GREAT FALLS	10-2055	57-R2	*	(108)	402,575.72	188,084	649,273	21,326	5.30	30.4
	DEARBORN	10-2055	57-R2	*	(19)	456,205.35	131,562	411,322	13,663	2.99	30.1
	NPL BEAR CREEK	04-2041	57-R2	*	(8)	165,737.31	59,249	119,747	6,454	3.89	18.6
	NPL CEDAR CLIFF	04-2041	57-R2	*	(17)	124,235.96	47,770	97,586	5,260	4.23	18.6
	NPL NANTAHALA	01-2042	57-R2	*	(10)	1,215,354.50	397,961	938,929	48,745	4.01	19.3
	NPL QUEENS CREEK	02-2032	57-R2	*	(95)	206,671.03	263,608	139,401	14,108	6.83	9.9
	NPL TENNESSEE CREEK	04-2041	57-R2	*	(11)	224,995.69	85,505	164,240	8,859	3.94	18.5
	NPL THORPE	04-2041	57-R2	*	(36)	1,257,022.09	354,600	1,354,950	72,362	5.76	18.7
	NPL TUCKASEGEE	04-2041	57-R2	*	(55)	98,007.72	47,390	104,522	5,626	5.74	18.6
	SHARED DEPARTMENT PLANT	01-2042	57-R2	*	(5)	925,758.82	414,217	557,830	29,532	3.19	18.9
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT					57,055,255.42	21,332,403	40,970,729	1,450,893	2.54	28.2

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
336 00	ROADS, RA LROADS, AND BRIDGES										
	COWANS FORD	10-2055	75-R4	*	(4)	2,240,415.70	861,455	1,468,577	45,290	2.02	32.4
	BAD CREEK	07-2067	75-R4	*	(9)	18,888,977.85	9,770,014	10,818,972	271,333	1.44	39.9
	JOCASSEE	08-2046	75-R4	*	(1)	415,508.00	331,112	88,551	4,169	1.00	21.2
	DEARBORN	10-2055	75-R4	*	(19)	633,636.00	447,282	306,745	9,917	1.57	30.9
	NPL BEAR CREEK	04-2041	75-R4	*	(8)	52,776.00	53,844	3,154	241	0.46	13.1
	NPL CEDAR CLIFF	04-2041	75-R4	*	(17)	129,738.00	111,554	40,239	2,158	1.66	18.6
	NPL NANTAHALA	01-2042	75-R4	*	(10)	239,971.28	211,312	52,656	2,707	1.13	19.5
	NPL QUEENS CREEK	02-2032	75-R4	*	(95)	2,830.00	5,518	0	0	-	-
	NPL TENNESSEE CREEK	04-2041	75-R4	*	(11)	72,590.00	75,717	4,858	364	0.50	13.3
	NPL THORPE	04-2041	75-R4	*	(36)	46,024.00	54,505	8,088	422	0.92	19.2
	NPL TUCKASEGEE	04-2041	75-R4	*	(55)	8,678.00	13,055	396	34	0.39	11.6
	SHARED DEPARTMENT PLANT	01-2042	75-R4	*	0	84,399.00	84,399	0	0	-	-
	TOTAL ROADS, RAILROADS, AND BRIDGES					22,815,543.83	12,019,767	12,792,236	336,635	1.48	38.0
	TOTAL HYDRAULIC PRODUCTION PLANT					**2,508,338,880.87**	**963,937,421**	**1,750,828,115**	**57,821,777**	**2.31**	
	OTHER PRODUCTION PLANT										
341 00	STRUCTURES AND MPROVEMENTS										
	L NCOLN CTS	12-2040	55-R3	*	(2)	28,785,281.83	15,242,059	14,118,928	803,810	2.79	17.6
	DAN RIVER COMBINED CYCLE	06-2052	55-R3	*	(7)	149,165,212.59	33,804,287	125,802,490	4,354,418	2.92	28.9
	LEE CTS	06-2047	55-R3	*	(4)	1,389,211.84	175,854	1,268,926	50,837	3.66	25.0
	MILL CREEK CTS	06-2043	55-R3	*	(2)	29,986,169.07	13,051,529	17,534,363	864,103	2.88	20.3
	ROCK NGHAM CTS	06-2040	55-R3	*	(1)	3,432,572.96	837,823	2,629,076	144,329	4.20	18.2
	BUCK COMBINED CYCLE	06-2051	55-R3	*	(5)	155,526,328.55	35,859,986	127,442,659	4,531,181	2.91	28.1
	LEE COMB NED CYCLE	06-2058	55-R3	*	(6)	141,116,368.56	14,321,957	135,261,394	3,949,726	2.80	34.2
	CLEMSON COMB NE HEAT AND POWER PLANT	12-2059	55-R3	*	(7)	8,605,538.93	533,558	8,674,369	239,421	2.78	36.2
	LARK MAINTENANCE FACILITY	12-2059	55-R3	*	(5)	29 706 060.44	4 381 790	26 809 573	767 347	2.58	34.9
	TOTAL STRUCTURES AND IMPROVEMENTS					547,712,744.77	118,208,843	459,541,778	15,705,172	2.87	29.3
341 66	STRUCTURES AND MPROVEMENTS - SOLAR										
	MOCKSV LLE	06-2046	40-S2.5	*	(11)	101,358.46	12,507	100,001	4,248	4.19	23.5
	MONROE	06-2047	40-S2.5	*	(14)	2,711,075.87	333,829	2,756,797	113,169	4.17	24.4
	GASTON	06-2050	40-S2.5	*	(12)	419,744.32	16,928	453,186	16,564	3.95	27.4
	MA DEN CREEK	06-2051	40-S2.5	*	(17)	4 698 133.36	65 987	5 430 829	191 496	4.08	28.4
	TOTAL STRUCTURES AND IMPROVEMENTS - SOLAR					7,930,312.01	429,251	8,740,813	325,477	4.10	26.9
342 00	FUEL HOLDERS, PRODUCERS AND ACCESSOR ES										
	L NCOLN CTS	12-2040	50-R2.5	*	(2)	12,968,503.88	9,219,327	4,008,547	235,999	1.82	17.0
	DAN RIVER COMBINED CYCLE	06-2052	50-R2.5	*	(7)	21,771,640.02	6,462,606	16,833,049	599,214	2.75	28.1
	LEE CTS	06-2047	50-R2.5	*	(4)	177,613.33	20,182	164,536	6,698	3.77	24.6
	MILL CREEK CTS	06-2043	50-R2.5	*	(2)	15,154,441.19	8,983,166	6,474,364	329,778	2.18	19.6
	ROCK NGHAM CTS	06-2040	50-R2.5	*	(1)	426,120.24	140,989	289,392	16,119	3.78	18.0
	BUCK COMBINED CYCLE	06-2051	50-R2.5	*	(5)	30,439,399.77	10,258,266	21,703,104	801,024	2.63	27.1
	LEE COMB NED CYCLE	06-2058	50-R2.5	*	(6)	16,546,971.65	1,949,605	15,590,185	463,688	2.80	33.6
	CLEMSON COMB NE HEAT AND POWER PLANT	12-2059	50-R2.5	*	(7)	1 223 118.39	103 358	1 205 379	34 499	2.82	34.9
	TOTAL FUEL HOLDERS, PRODUCERS AND ACCESSOR ES					98,707,808.47	37,137,499	66,268,556	2,487,019	2.52	26.6

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
343 00	PR ME MOVERS										
	L NCOLN CTS	12-2040	40-R1.5	*	(2)	257,522,092.99	200,942,996	61,729,539	3,918,756	1.52	15.8
	DAN RIVER COMBINED CYCLE	06-2052	40-R1.5	*	(7)	160,795,156.81	54,359,800	117,691,018	4,627,792	2.88	25.4
	LEE CTS	06-2047	40-R1.5	*	(4)	57,929,944.79	29,488,690	30,758,453	1,442,836	2.49	21.3
	MILL CREEK CTS	06-2043	40-R1.5	*	(2)	184,343,824.55	124,087,115	63,943,586	3,585,927	1.95	17.8
	ROCK NGHAM CTS	06-2040	40-R1.5	*	(1)	93,721,063.65	25,569,416	69,088,858	4,007,457	4.28	17.2
	BUCK COMBINED CYCLE	06-2051	40-R1.5	*	(5)	160,808,479.70	58,547,548	110,301,356	4,485,544	2.79	24.6
	LEE COMB NED CYCLE	06-2058	40-R1.5	*	(6)	125,760,508.54	16,791,965	116,514,174	3,861,563	3.07	30.2
	CLEMSON COMB NE HEAT AND POWER PLANT	12-2059	40-R1.5	*	(7)	12,233,142.17	1,178,542	11,910,920	380,881	3.11	31.3
	TOTAL PRIME MOVERS					1,053,114,213.20	510,966,072	581,937,904	26,310,756	2.50	22.1
343.10	PR ME MOVERS - ROTABLE PARTS										
	DAN RIVER COMBINED CYCLE	06-2052	6-L4	*	40	45,680,461.11	8,195,685	19,212,592	7,536,781	16.50	2.5
	BUCK COMBINED CYCLE	06-2051	6-L4	*	40	42,161,013.52	7,143,141	18,153,467	6,558,741	15.56	2.8
	LEE COMB NED CYCLE	06-2058	6-L4	*	40	43,400,555.46	8,645,654	17,394,679	6,677,352	15.39	2.6
	CLEMSON COMB NED HEAT AND POWER PLANT	12-2059	6-L4	*	40	717,644.23	105,016	325,571	92,755	12.92	3.5
	TOTAL PRIME MOVERS - ROTABLE PARTS					131,959,674.32	24,089,496	55,086,309	20,865,629	15.81	2.6
344 00	GENERATORS										
	L NCOLN CTS	12-2040	50-R2.5	*	(2)	78,436,794.27	48,185,764	31,819,766	1,888,282	2.41	16.9
	DAN RIVER COMBINED CYCLE	06-2052	50-R2.5	*	(7)	238,495,959.86	64,789,550	190,401,127	6,809,268	2.86	28.0
	LEE CTS	06-2047	50-R2.5	*	(4)	64,368.81	16,027	50,917	2,107	3.27	24.2
	MILL CREEK CTS	06-2043	50-R2.5	*	(2)	1,054,904.05	195,099	880,903	42,317	4.01	20.8
	ON-SITE D ESEL GENERATORS	06-2028	50-R2.5	*	0	24,882,742.61	11,242,276	13,640,467	2,112,877	8.49	6.5
	ROCK NGHAM CTS	06-2040	50-R2.5	*	(1)	220,840,811.69	124,219,562	98,829,658	5,812,284	2.63	17.0
	BUCK COMBINED CYCLE	06-2051	50-R2.5	*	(5)	231,370,373.00	67,907,056	175,031,836	6,474,012	2.80	27.0
	LEE COMB NED CYCLE	06-2058	50-R2.5	*	(6)	214,214,900.89	21,389,047	205,678,748	6,117,565	2.86	33.6
	CLEMSON COMB NED HEAT AND POWER PLANT	12-2059	50-R2.5	*	(7)	857,083.53	59,187	857,892	24,540	2.86	35.0
	TOTAL GENERATORS					1,010,217,938.71	338,003,568	717,191,314	29,283,252	2.90	24.5
344 66	GENERATORS - SOLAR										
	COMMUNITY - SMALL		20-S2.5		0	28,057,290.48	15,141,142	12,916,148	1,370,248	4.88	9.4
	MOCKSV LLE	06-2046	25-S2.5	*	(11)	29,394,130.26	7,596,748	25,030,737	1,350,067	4.59	18.5
	MONROE	06-2047	25-S2.5	*	(14)	91,561,245.87	19,909,175	84,470,645	4,324,971	4.72	19.5
	WOODLEAF	06-2048	25-S2.5	*	(12)	13,905,690.52	2,316,184	13,258,189	646,109	4.65	20.5
	GASTON	06-2050	25-S2.5	*	(12)	33,742,748.79	2,408,869	35,383,010	1,571,182	4.66	22.5
	MA DEN CREEK	06-2051	25-S2.5	*	(17)	75,170,133.59	1,868,934	86,080,122	3,659,869	4.87	23.5
	TOTAL GENERATORS - SOLAR					271,831,239.51	49,241,052	257,138,851	12,922,446	4.75	19.9
345 00	ACCESSORY ELECTRIC EQUIPMENT										
	L NCOLN CTS	12-2040	45-R1.5	*	(2)	26,803,108.36	20,789,505	6,549,666	396,172	1.48	16.5
	DAN RIVER COMBINED CYCLE	06-2052	45-R1.5	*	(7)	48,409,540.30	16,765,210	35,032,998	1,330,717	2.75	26.3
	LEE CTS	06-2047	45-R1.5	*	(4)	1,467,539.85	230,404	1,295,837	55,360	3.77	23.4
	MILL CREEK CTS	06-2043	45-R1.5	*	(2)	17,535,996.82	10,379,900	7,506,817	393,128	2.24	19.1
	ROCK NGHAM CTS	06-2040	45-R1.5	*	(1)	2,095,877.31	951,120	1,165,716	67,663	3.23	17.2
	BUCK COMBINED CYCLE	06-2051	45-R1.5	*	(5)	48,520,138.14	18,315,836	32,630,309	1,280,730	2.64	25.5
	LEE COMB NED CYCLE	06-2058	45-R1.5	*	(6)	37,322,855.60	4,964,757	34,597,470	1,103,940	2.96	31.3
	CLEMSON COMB NED HEAT AND POWER PLANT	12-2059	45-R1.5	*	(7)	4,220,737.38	400,018	4,116,171	126,602	3.00	32.5
	TOTAL ACCESSORY ELECTRIC EQUIPMENT					186,375,793.76	72,796,750	122,894,984	4,754,312	2.55	25.8

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
345 66	ACCESSORY ELECTRIC EQUIPMENT - SOLAR										
	COMMUNITY - SMALL		20-S2.5		0	988,895.09	365,264	623,631	57,824	5.85	10.8
	MOCKSV LLE	06-2046	25-S2.5	*	(11)	2,281,560.00	463,277	2,069,255	111,610	4.89	18.5
	MONROE	06-2047	25-S2.5	*	(14)	12,869,692.16	2,199,058	12,472,391	638,627	4.96	19.5
	GASTON	06-2050	25-S2.5	*	(12)	4,608,876.97	258,481	4,903,461	217,738	4.72	22.5
	MA DEN CREEK	06-2051	25-S2.5	*	(17)	6,577,386.69	128,471	7,567,071	321,729	4.89	23.5
	TOTAL ACCESSORY ELECTRIC EQUIPMENT - SOLAR					27,326,410.91	3,414,551	27,635,809	1,347,528	4.93	20.5
346 00	MISCELLANEOUS POWER PLANT EQUIPMENT										
	L NCOLN CTS	12-2040	40-R2	*	(2)	5,795,202.14	1,956,777	3,954,329	230,967	3.99	17.1
	DAN RIVER COMBINED CYCLE	06-2052	40-R2	*	(7)	9,431,237.99	2,070,534	8,020,891	308,189	3.27	26.0
	LEE CTS	06-2047	40-R2	*	(4)	1,021,167.95	153,822	908,193	38,976	3.82	23.3
	MILL CREEK CTS	06-2043	40-R2	*	(2)	3,716,236.31	1,491,670	2,298,891	123,802	3.33	18.6
	ROCK NGHAM CTS	06-2040	40-R2	*	(1)	1,653,414.18	488,829	1,181,119	68,591	4.15	17.2
	BUCK COMBINED CYCLE	06-2051	40-R2	*	(5)	12,646,704.57	2,747,519	10,531,521	414,560	3.28	25.4
	LEE COMB NED CYCLE	06-2058	40-R2	*	(6)	6,591,238.29	605,729	6,380,984	206,485	3.13	30.9
	CLEMSON COMB NED HEAT AND POWER PLANT	12-2059	40-R2	*	(7)	2,217,373.33	153,759	2,218,830	69,314	3.13	32.0
	LARK MAINTENANCE FACILITY	12-2059	40-R2	*	(5)	14,397,254.22	1,401,785	13,715,332	435,364	3.02	31.5
	SHARED DEPARTMENT PLANT	12-2059	40-R2	*	(5)	79,121.31	12,951	70,126	2,308	2.92	30.4
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT					57,548,950.29	11,083,375	49,280,216	1,898,556	3.30	26.0
346 66	MISCELLANEOUS POWER PLANT EQUIPMENT - SOLAR										
	MOCKSV LLE	06-2046	35-R2.5	*	(11)	16,512.10	577	17,751	770	4.66	23.1
	MONROE	06-2047	35-R2.5	*	(14)	269,581.78	24,788	282,535	11,923	4.42	23.7
	WOODLEAF	06-2048	35-R2.5	*	(12)	4,928.26	164	5,356	217	4.40	24.7
	MA DEN CREEK	06-2051	35-R2.5	*	(17)	11,626.35	361	13,242	493	4.24	26.9
	TOTAL MISCELLANEOUS POWER PLANT EQU PMENT - SOLAR					302,648.49	25,890	318,884	13,403	4.43	23.8
	TOTAL OTHER PRODUCTION PLANT					**3,393,027,734.44**	**1,165,396,347**	**2,346,035,418**	**115,913,550**	**3.42**	
	TOTAL PRODUCTION					**23,586,652,397.56**	**10,002,841,170**	**14,948,052,767**	**920,875,695**	**3.90**	
	TRANSMISSION PLANT										
352 00	STRUCTURES AND MPROVEMENTS		43-R2		(10)	189,425,365.57	17,119,876	191,248,026	5,360,600	2.83	35.7
353 00	STATION EQU PMENT		45-R1.5		(15)	2,307,608,515.50	596,629,900	2,057,119,893	58,994,987	2.56	34.9
354 00	TOWERS AND FIXTURES		70-R2.5		(40)	651,521,544.12	327,356,686	584,773,476	11,347,782	1.74	51.5
355 00	POLES AND FIXTURES		48-R1		(40)	662,736,804.83	133,790,128	794,041,399	19,534,549	2.95	40.6
356 00	OVERHEAD CONDUCTORS AND DEVICES		60-R2.5		(40)	944,879,898.86	374,867,240	947,964,618	20,227,497	2.14	46.9
357 00	UNDERGROUND CONDUIT		55-S4		0	154,590.42	90,840	63,750	1,981	1.28	32.2
358 00	UNDERGROUND CONDUCTOR AND DEVICES		40-S2		0	12,171,599.33	(1,819,362)	13,990,961	377,688	3.10	37.0
359 00	ROADS AND TRA LS		65-R4		0	42,238.00	19,939	22,299	612	1.45	36.4
	TOTAL TRANSMISSION PLANT					**4,768,540,556.63**	**1,448,055,247**	**4,589,224,422**	**115,845,696**	**2.43**	
	DISTRIBUTION PLANT										
361 00	STRUCTURES AND MPROVEMENTS		45-S0.5		(10)	178,576,484.84	21,563,467	174,870,666	4,610,396	2.58	37.9
362 00	STATION EQU PMENT		45-R1		(15)	1,705,256,083.30	578,861,414	1,382,183,082	37,353,307	2.19	37.0
364 00	POLES, TOWERS AND FIXTURES		52-R2		(50)	1,840,292,393.01	859,121,749	1,901,316,841	50,840,906	2.76	37.4
364.10	POLES, TOWERS AND FIXTURES - STORM SECURITIZATION		FULLY ACCRUED			6,687,318.00	6,687,318	0	0	-	-
365 00	OVERHEAD CONDUCTORS AND DEVICES		52-R0.5		(30)	2,672,397,506.07	843,861,451	2,630,255,307	59,736,924	2.24	44.0
365.10	OVERHEAD CONDUCTORS AND DEVICES - STORM SECURITIZATION		FULLY ACCRUED			6,179,207.00	6,179,207	0	0	-	-

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
366 00	UNDERGROUND CONDUIT		65-R3	(20)	269,930,643.42	126,940,065	196,976,707	3,961,232	1.47	49.7
367 00	UNDERGROUND CONDUCTORS AND DEVICES		54-R3	(20)	2,592,327,368.78	904,892,035	2,205,900,808	53,838,888	2.08	41.0
368 00	LINE TRANSFORMERS		45-R1.5	(15)	1,837,487,386.41	689,085,795	1,424,024,699	42,950,247	2.34	33.2
368.10	LINE TRANSFORMERS - STORM SECURITIZATON		FULLY ACCRUED		4,855,160.00	4,855,160	0	0	-	-
369 00	SERVICES		55-R1.5	(25)	1,273,824,829.52	633,947,467	958,333,570	21,272,013	1.67	45.1
370 00	METERS AND METERING EQUIPMENT		13-L0	0	113,584,604.63	70,640,944	42,943,661	6,813,178	6.00	6.3
370 02	METERS - UTILITY OF THE FUTURE		15-S2.5	0	475,170,483.33	137,434,853	337,735,630	29,585,455	6.23	11.4
371 00	NSTALLATIONS ON CUSTOMERS' PREMISES		35-R1	(5)	1,063,691,891.11	289,452,962	827,423,524	30,739,949	2.89	26.9
373 00	STREET LIGHT NG AND SIGNAL SYSTEMS		36-R0.5	(10)	357,015,452.65	94,732,839	297,984,159	10,061,953	2.82	29.6
	TOTAL DISTRIBUTION PLANT				**14,397,276,812.07**	**5,268,256,726**	**12,379,948,654**	**351,764,448**	**2.44**	
	GENERAL PLANT									
390 00	STRUCTURES AND MPROVEMENTS		40-S0.5	(10)	733,020,114.59	191,602,575	614,719,551	19,940,975	2.72	30.8
391 00	OFFICE FURNITURE AND EQUIPMENT									
	FULLY ACCRUED				990,281.00	990,281	0	0	-	-
	AMORTIZTED		15-SQ	0	65 102 205.27	19 376 390	45 725 815	4 340 147	6.67	10.5
	TOTAL OFFICE FURNITURE AND EQU PMENT				66,092,486.27	20,366,671	45,725,815	4,340,147	6.57	10.5
391.10	OFFICE FURNITURE AND EQUIPMENT - EDP		8-SQ	0	110,038,171.17	49,853,815	60,184,356	13,754,006	12.50	4.4
	TRANSPORTATION EQU PMENT									
392.10	PASSENGER CARS AND STATION WAGONS		5-S2.5	10	60,171.57	54,154	0	0	-	-
392.11	LIGHT TRUCKS		6-L3	10	2,226,721.16	2,004,049	0	0	-	-
392.12	MEDIUM TRUCKS		8-L2	10	587,271.36	393,933	134,611	24,344	4.15	5.5
392.13	HEAVY TRUCKS		10-L2	10	1,387,718.84	1,248,947	0	0	-	-
392.15	HEAVY TRUCKS / POWER EQUIPPED		10-L2	10	2,379,104.11	2,141,194	0	0	-	-
392.16	TRACTORS		13-L3	10	65,897.00	59,307	0	0	-	-
392.18	TRAILERS		16-L0 5	10	8 825 717.60	3 378 106	4 565 040	322 109	3.65	14.2
	TOTAL TRANSPORTATION EQUIPMENT				15,532,601.64	9,279,690	4,699,651	346,453	2.23	13.6
393 00	STORES EQU PMENT									
	FULLY ACCRUED				1,082,455.00	1,082,455	0	0	-	-
	AMORTIZTED		20-SQ	0	14 999 971.69	3 357 515	11 642 457	749 336	5.00	15.5
	TOTAL STORES EQUIPMENT				16,082,426.69	4,439,970	11,642,457	749,336	4.66	15.5
394 00	TOOLS,SHOP AND GARAGE EQUIPMENT									
	FULLY ACCRUED				1,168,696.00	1,168,696	0	0	-	-
	AMORTIZTED		20-SQ	0	127 624 761.14	35 836 360	91 788 401	6 382 334	5.00	14.4
	TOTAL TOOLS, SHOP AND GARAGE EQUIPMENT				128,793,457.14	37,005,056	91,788,401	6,382,334	4.96	14.4
395 00	LABORATORY EQU PMENT		15-SQ	0	2,813,355.73	1,344,140	1,469,216	187,668	6.67	7.8
	POWER OPERATED EQU PMENT									
396 04	MOBILE CRANES		19-S1.5	10	2,021,360.07	1,237,278	581,946	31,960	1.58	18.2
396 07	MISCELLANEOUS NON-HIGHWAY EQUIPMENT		13-L2 5	10	2,407,208.51	1,008,794	1,157,694	99,729	4.14	11.6
396 09	MISCELLANEOUS EQUIPMENT		13-L2 5	10	14 611 553.60	10 619 436	2 530 962	218 343	1.49	11.6
	TOTAL POWER OPERATED EQUIPMENT				19,040,122.18	12,865,508	4,270,602	350,032	1.84	12.2

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE		NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)		(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
397 00	COMMUNICATION EQU PMENT										
	FULLY ACCRUED					162,306.69	162,307	0	0	-	-
	AMORTIZTED		10-SQ		0	254,854,594.30	73,604,050	181,250,544	25,492,774	10.00	7.1
	TOTAL COMMUNICATION EQUIPMENT					255,016,900.99	73,766,357	181,250,544	25,492,774	10.00	7.1
398 00	MISCELLANEOUS EQU PMENT		20-SQ		0	15,146,583.14	3,729,200	11,417,383	757,844	5.00	15.1
	TOTAL GENERAL PLANT					**1,361,576,219.54**	**404,252,982**	**1,027,167,976**	**72,301,569**	**5.31**	
	DEPRECIABLE LAND RIGHTS										
310 00	RIGHTS OF WAY										
	MARSHALL	12-2032	100-R4	*	0	452,636.00	452,636	0	0	-	-
	BELEWS CREEK	12-2035	100-R4	*	0	1,543,811.00	1,547,854	(4,043)	0	-	-
	LEE	03-2022	100-R4	*	0	3,106.00	3,106	0	0	-	-
	ALLEN	12-2023	100-R4	*	0	4,303.00	4,303	0	0	-	-
	TOTAL ACCOUNT 310					2,003,856.00	2,007,899	(4,043)	0	-	-
320 00	RIGHTS OF WAY										
	OCONEE	07-2054	100-R4	*	0	425,003.00	348,441	76,562	2,544	0.60	30.1
	MCGUIRE	03-2063	100-R4	*	0	74,882.00	49,041	25,841	663	0.89	39.0
	CATAWBA	12-2063	100-R4	*	0	456,656.68	264,750	191,907	4,748	1.04	40.4
	TOTAL ACCOUNT 320					956,541.68	662,232	294,310	7,955	0.83	37.0
330 00	RIGHTS OF WAY										
	COWANS FORD	10-2055	110-R4	*	0	6,881,547.00	5,451,053	1,430,494	45,211	0.66	31.6
	BAD CREEK	07-2067	110-R4	*	0	723,692.00	362,929	360,763	8,105	1.12	44.5
	JOCASSEE	08-2046	110-R4	*	0	436,179.00	350,311	85,868	3,548	0.81	24.2
	KEOWEE	08-2046	110-R4	*	0	12,071,075.00	10,079,922	1,991,153	82,861	0.69	24.0
	FISHING CREEK	10-2055	110-R4	*	0	35,796.00	35,796	0	0	-	-
	BRIDGEWATER	10-2055	110-R4	*	0	393,705.00	393,705	0	0	-	-
	LOOKOUT SHOALS	10-2055	110-R4	*	0	7,426.00	7,426	0	0	-	-
	MOUNTAIN ISLAND	10-2055	110-R4	*	0	323,913.00	323,301	612	18	0.01	34.0
	99 ISLANDS	05-2036	110-R4	*	0	17,102.00	17,102	0	0	-	-
	OXFORD	10-2055	110-R4	*	0	695,790.00	680,788	15,002	657	0.09	22.8
	RHODHISS	10-2055	110-R4	*	0	199,929.00	198,870	1,059	49	0.02	21.6
	WATEREE	10-2055	110-R4	*	0	204,111.00	204,111	0	0	-	-
	WYL E	10-2055	110-R4	*	0	1,189,441.24	1,178,412	11,029	358	0.03	30.8
	NPL BEAR CREEK	04-2041	110-R4	*	0	435.00	424	11	0	-	-
	NPL NANTAHALA	01-2042	110-R4	*	0	80,304.00	80,304	0	0	-	-
	NPL QUEENS CREEK	02-2032	110-R4	*	0	5,782.00	5,782	0	0	-	-
	NPL TENNESSEE CREEK	04-2041	110-R4	*	0	711.00	696	15	1	0.14	15.0
	NPL THORPE	04-2041	110-R4	*	0	47,127.00	47,127	0	0	-	-
	NPL TUCKASEGEE	04-2041	110-R4	*	0	1 518.00	1 518	0	0	-	-
	TOTAL ACCOUNT 330					23,315,583.24	19,419,577	3,896,006	140,808	0.60	27.7
340 00	RIGHTS OF WAY										
	DAN RIVER	06-2052	65-R4	*	0	7 693.00	4 126	3 567	323	4.20	11.0
	TOTAL ACCOUNT 340					7,693.00	4,126	3,567	323	4.20	11.0

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

	ACCOUNT	PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT		CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)=(8)/(5)	(10)=(7)/(8)
350 00	RIGHTS OF WAY		80-R4	0	163,883,263.74	82,968,907	80,914,357	1,665,627		1.02	48.6
360 00	RIGHTS OF WAY		80-R3	0	9,328,937.43	1,988,129	7,340,808	116,031		1.24	63.3
360 20	LAND RIGHTS		80-R3	0	561,560.00	315,443	246,117	6,879		1.22	35.8
389 00	RIGHTS OF WAY		65-R3	0	550,127.03	255,293	294,834	7,198		1.31	41.0
389 20	LAND RIGHTS		65-R3	0	165.00	82	83	2		1.21	41.5
	TOTAL DEPRECIABLE LAND RIGHTS				**200,607,727.12**	**107,621,688**	**92,986,039**	**1,944,823**		**0.97**	
	RESERVE ADJUSTMENT FOR AMORTIZATION										
391 00	OFFICE FURNITURE AND EQUIPMENT					6,102,422		(1,220,484)	***		
391.10	OFFICE FURNITURE AND EQUIPMENT - EDP					11,798,132		(2,359,626)	***		
393 00	STORES EQU PMENT					1,981,666		(396,333)	***		
394 00	TOOLS,SHOP AND GARAGE EQUIPMENT					11,548,499		(2,309,700)	***		
395 00	LABORATORY EQU PMENT					1,078,366		(215,673)	***		
397 00	COMMUNICATION EQU PMENT					23,424,173		(4,684,835)	***		
398 00	MISCELLANEOUS EQU PMENT					(575 929)		115 186	***		
	TOTAL RESERVE ADJUSTMENT FOR AMORTIZATION					**55,357,329**		**(11,071,465)**			
	TOTAL DEPRECIABLE PLANT				**44,314,653,712.92**	**17,286,385,142**	**33,037,379,858**	**1,451,660,766**		**3.28**	
	NONDEPRECIABLE PLANT AND ACCOUNTS NOT STUDIED										
302 00	FRANCHISES AND CONSENTS				227,565,131.14	28,406,305					
302 01	NPL FEASIB LITY					7,141,104					
303 00	MISCELLANEOUS INTANGIBLE PLANT				759,270,855.43	659,642,804					
303 02	NUCLEAR LICENS NG				23,189,486.92						
303 03	MISCELLANEOUS INTANGIBLE PLANT - 3 YEAR				5,696,947.99	2,553,925					
303.10	MISCELLANEOUS INTANGIBLE PLANT - 10 YEAR				83,179,232.74	35,473,530					
303.15	MISCELLANEOUS INTANGIBLE PLANT - 15 YEAR				107,275,313.08	4,766,581					
310 00	LAND				30,190,717.37	(58,298)					
311 01	STRUCTURES AND IMPROVEMENTS - CAPITAL LEASE				247,966,243.72	31,872,911					
312 01	BOILER PLANT EQUIPMENT - OPERATING LEASE				48,960,278.00	17,646,410					
317 00	ARO				2,065,695,352.01	587,376,546					
320 00	LAND				2,084,901.52						
326 00	ARO				(251,515,769.00)	(120,161,386)					
330 00	LAND				29,429,357.01	(328,912)					
340 00	LAND				9,254,621.56						
342 02	FUEL HOLDERS, PRODUCERS AND ACCESSOR ES - CAPITAL LEASE				86,697,396.14	14,841,864					
347 00	ARO				22,158,763.84	3,068,432					
350 00	LAND				40,032,550.61	(849,949)					
352 00	STRUCTURES AND MPROVEMENTS - OPERATING LEASE					346,857					
360 00	LAND				73,735,941.39	(251,940)					
389 00	LAND				62,322,523.93	(1,558)					
389 00	LAND - OPERAT NG LEASE					671,899					
390 00	STRUCTURES AND MPROVEMENTS - OPERATING LEASE					36,574,005					
399 00	ARO				(931 335.11)	38 931					
	TOTAL NONDEPRECIABLE PLANT				**3,672,258,510.29**	**1,308,770,061**					

OFFICIAL COPY
Sep 22 2023

DUKE ENERGY CAROLINAS

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVE, NET SALVAGE PERCENT, ORIGINAL COST, BOOK DEPRECIATION RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO ELECTRIC PLANT AS OF DECEMBER 31, 2021

ACCOUNT		PROBABLE RETIREMENT DATE	SURVIVOR CURVE	NET SALVAGE PERCENT	ORIGINAL COST AS OF DECEMBER 31, 2021	BOOK RESERVE	FUTURE ACCRUALS	CALCULATED ANNUAL ACCRUAL AMOUNT	CALCULATED ANNUAL ACCRUAL RATE	COMPOSITE REMAINING LIFE
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(8)/(5)	(10)=(7)/(8)
	ACCOUNTS NOT STUDIED									
352 99	STRUCTURES AND MPROVEMENTS - IMPA RMENT				(2,720,671.88)					
353 99	STATION EQU PMENT - MPAIRMENT				(5,526,364.55)					
354 99	TOWERS AND FIXTURES - IMPAIRMENT				(85,021.04)					
355 99	POLES AND FIXTURES - IMPAIRMENT				(85,020.96)					
356 99	OVERHEAD CONDUCTORS AND DEVICES - MPAIRMENT				(85,021.01)					
	TOTAL ACCOUNTS NOT STUDIED				**(8,502,099.44)**					
	TOTAL ELECTRIC PLANT				**47,978,410,123.77**	**18,595,155,203**				

* Curve shown is interim survivor curve. Each facility in the account is assigned an individual probable retirement year.
** Annual Accrual Amount calculated based on remaining amortization period of 11 58 years (August 2033 which is 15 years from implementation).
*** 5 year Amortization of Adjusted Reserve related to implementation of Amortization Accounting.

Note: Assets in Account 390.10 (Structures and Improvements - Duke Energy Plaza) will use an Accrual Rate of 1 85% based on a 100-S1 Survivor Curve, negative 5% Net Salvage and a 60-year Lifespan.

Accrual rates for Lincoln Unit 17 to be acquired based on a existing Account/ Location life estimates and negative 5% net salvage will be as follows:

Account	Rate
341.00	4 03
342.00	4.15
343.00	4 52
344.00	4.15
345.00	4 38
346.00	4.45

Accrual rates for new Battery Storage Assets based on a 15-L3 survivor curve and 0% net salvage will be as follows:

Account	Rate
348.00	6 90
351.00	6 90
363.00	6 90

Accrual rates for new EV Charging Assets based on a 10-S3 survivor curve and negative 2% net salvage will be as follows:

Account	Rate
370.70	10.74
394.70	10.74

Accrual rates for new EV Charging Level 2 Assets based on a 10-S4 survivor curve and negative 1% net salvage will be as follows:

Account	Rate
371.70	10 63
394.72	10 63