

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 1

☐ **CONFIDENTIAL**

☒ **NOT CONFIDENTIAL**

Request:

Provide in comparative form, a total company income statement, a statement of changes in financial position, and a balance sheet for the test year and the twelve-month period immediately preceding the test year.

Response:

Please see attached file "DEC NC E1-1 - FF1 2021 Financial Statements.xlsx".

Title of Account (a)	December 31, 2021	December 31, 2020
UTILITY PLANT		
Utility Plant (101-106,114)	48,083,730,849	47,139,751,979
Construction Work in Progress (107)	2,074,674,520	1,635,152,997
Total Utility Plant	50,158,405,369	48,774,904,976
(Less) Accum. Prov. for Depr. Amort. Depl. (108, 110, 111, 115)	18,092,066,058	17,777,984,760
Net Utility and Plant	32,066,339,311	30,996,920,216
Nuclear Fuel in Process of Ref., Conv., Enrich., and Fab (120.1)	323,922,465	280,260,379
Nuclear Materials and Assemblies - Stock Account (120.2)	1	1
Nuclear Fuel Assemblies in Reactor (120.3)	1,072,507,768	1,083,569,014
Spent Nuclear Fuel (120.4)	466,390,240	479,726,740
(Less) Accum. Provision for Amort. of Nuclear Fuel Assemblies (120.5)	1,070,439,997	1,015,209,659
Net Nuclear Fuel	792,380,477	828,346,475
Total Net Utility Plant	32,858,719,788	31,825,266,691
Utility Plant Adjustments (116)	1,012,652	1,012,652
Gas Stored Underground - Noncurrent (117)	-	-
OTHER PROPERTY & INVESTMENTS		
Non Utility Property (121)	142,257,197	140,438,952
(Less) Accum. Prov. for Depr. and Amort. (122)	51,806,699	47,725,837
Investment in Subsidiary Companies (123.1)	13,114,590	13,114,192
Noncurrent Portion of Allowances	-	-
Other Investments (124)	95,984	94,370
Other Special Funds (128)	6,221,233,397	5,370,108,714
Long Term Portion of Derivative Instrument Assets (175)	-	-
Long Term Portion of Derivative Assets - Hedges (176)	48,154,229	5,258,252
Total Other Property and Investments	6,373,048,698	5,481,288,643
CURRENT AND ACCRUED ASSETS		
Cash (131)	7,123,317	20,526,070
Special Deposits (132-134)	-	-
Working Funds (135)	300,000	300,000
Temporary Cash Investments (136)	-	-
Notes Receivable (141)	-	-
Customer Accounts Receivable (142)	651,279,578	456,500,076
Other Accounts Receivable (143)	192,204,348	179,462,706
(Less) Accum. Prov. for Uncollectible Account - Credit (144)	41,521,659	23,562,863
Note Receivable from Associated Companies (145)	1,186,050	-
Accounts Receivable from Associated Companies (146)	198,841,223	125,451,737
Fuel Stock (151)	237,479,722	226,369,006
Plant Material and Operating Supplies (154)	742,724,654	737,568,121
Merchandise (155)	-	-
Other Materials and Supplies (156)	(73,366)	1,920
Allowances (158.1 and 158.2)	73,571,212	65,184,534
(Less) Non-current portion of Allowances	-	-
Store Expenses Undistributed (163)	46,246,014	46,132,904
Gas Stored Underground - Current (164.1)	-	-
Prepayments (165)	31,159,798	25,246,838
Interest and Dividends Receivable (171)	529,304	759,340
Rents Receivable (172)	356,340	913,503
Accrued Utility Revenue (173)	273,671,078	287,980,184
Miscellaneous Current and Accrued Assets (174)	8,633,432	4,353,783
Derivative Instrument Assets (175)	-	-
(Less) Long Term Portion of Derivative Instruments Assets	-	-
Derivative Instrument Assets Hedges (176)	131,569,284	17,259,687
(Less) Long Term Portion of Derivative Instruments Assets - Hedges	48,154,229	5,258,252
Total Current and Accrued Assets	2,507,126,100	2,165,189,294

Title of Account (a)	December 31, 2021	December 31, 2020
DEFERRED DEBITS		
Unamortized Debt Expenses (181)	66,290,421	64,845,104
Extraordinary Property Losses (182.1)	-	-
Unrecovered Plant and Regulatory Study Costs (182.2)	302,153,769	335,029,063
Other Regulatory Assets (182.3)	3,225,787,621	3,261,947,554
Preliminary Survey and Investigation Charges (183)	13,210,991	7,987,429
Clearing Accounts (184)	896,038	855,385
Temporary Facilities (185)	-	-
Miscellaneous Deferred Debits (186)	748,143,187	982,425,171
Unamortized Loss on Reaquired Debt (189)	41,138,005	47,541,409
Accumulated Deferred Income Taxes (190)	3,461,784,968	3,345,683,309
Unrecovered Purchased Gas Costs (191)	-	-
Total Deferred Debits	7,859,405,000	8,046,314,424
Total Assets	49,599,312,238	47,519,071,704
PROPRIETARY CAPITAL		
Common Stock Issued (201)	-	-
Preferred Stock Issued (204)	-	-
Premium on Capital Stock (207)	-	-
Other Paid In Capital (208-211)	3,725,067,850	3,725,067,453
(Less) Capital Stock Expense (214)	-	-
Retained Earnings (215, 215.1, 216)	10,169,724,576	9,428,245,250
Unappropriated Undistributed Subsidiary Earnings (216.1)	4,810,163	9,696,592
Required Capital Stock (217)	-	-
Accumulated Other Comprehensive Income (219)	(6,455,552)	(6,871,198)
Total Proprietary Capital	13,893,147,037	13,156,138,097
LONG-TERM DEBT		
Bonds (221)	11,656,738,919	11,157,562,110
Advances from Associated Companies (223)	300,000,000	300,000,000
Other Long Term Debt (224)	860,271,405	547,425,730
Unamortized Premium on LT Debt (225)	2,963,512	3,070,799
(Less) Unamortized Discount on LT Debt (226)	23,669,305	23,157,605
Total Long Term Debt	12,796,304,531	11,984,901,034
OTHER NONCURRENT LIABILITIES		
Obligations Under Capital Leases (227)	361,697,908	386,505,754
Accumulated Provision for Property Insurance (228.1)	139,718,367	128,573,618
Accumulated Provision for Injuries and Damages (228.2)	503,719,459	575,011,909
Accumulated Provision for Pensions and Benefits (228.3)	37,929,750	71,669,574
Accumulated Miscellaneous Operating Provisions (228.4)	807,716	1,527,086
Accumulated Provision for Rate Refund (229)	5,178,059	125,784,293
LT Portion of Derivative Instrument Liabilities	-	-
LT Portion of Derivative Instrument Liabilities - Hedges	1,444,109	1,418,372
Asset Retirement Obligations (230)	5,301,158,092	5,350,500,118
Total Other NonCurrent Liabilities	6,351,653,460	6,640,990,724

Title of Account (a)	December 31, 2021	December 31, 2020
CURRENT AND ACCRUED LIABILITIES		
Notes Payable (231)	-	-
Accounts Payable (232)	958,467,951	976,367,730
Notes Payable to Associated Companies (233)	226,415,000	505,961,000
Accounts Payable to Associated Companies (234)	306,555,280	212,548,259
Customer Deposits (235)	68,369,287	125,072,931
Taxes Accrued (236)	253,086,975	90,182,174
Interest Accrued (237)	124,260,511	116,973,756
Dividends Declared (238)	-	-
Tax Collections Payable (241)	16,535,914	9,373,015
Miscellaneous Current and Accrued Liabilities (242)	508,975,825	380,032,370
Obligations Under Capital Leases - Current (243)	27,575,734	25,710,164
Derivative Instrument Liabilities (244)	8,633,432	4,353,783
(Less) LT Portion of Derivative Instrument Liabilities	-	-
Derivative Instrument Liabilities - Hedges (245)	13,192,701	12,966,783
(Less) LT Portion of Derivative Instrument Liabilities - Hedges	1,444,109	1,418,372
Total Current and Accrued Liabilities	2,510,624,501	2,458,123,593
DEFFERED CREDITS		
Customer Advances for Construction (252)	-	-
Accumulated Deferred Investment Tax Credits (255)	287,006,804	235,970,195
Other Deferred Credits (253)	882,014,410	672,865,081
Other Regulatory Liabilities (254)	5,783,960,664	5,183,622,715
Unamortized Gain on Reacquired Debt (257)	-	-
Accumulated Deferred Income Taxes (281)	-	-
Accumulated Deferred Income Taxes Oth Property (282)	4,764,247,775	4,901,393,004
Accum Deferred Income Tax Other (283)	2,330,353,056	2,285,067,260
Total Deferred Credits	14,047,582,709	13,278,918,255
Total Liabilities and Other Credit	49,599,312,238	47,519,071,704

Note(s): Detail amounts may not add to totals shown due to rounding.

Title of Account (a)	December 31, 2021	December 31, 2020
UTILITY OPERATING INCOME		
Operating Revenues (400)	7,100,634,161	6,994,034,435
Operating Expenses		
Operation Expenses (401)	2,796,367,900	2,691,093,323
Maintenance Expenses (402)	517,128,775	612,197,192
Depreciation Expenses (403)	1,173,115,743	1,179,887,494
Depreciation Expense for Asset Retirement Costs (403.1)	4,435,886	(51,093)
Amortization and Depletion of Utility Plant (404-405)	71,285,843	70,269,797
Amortization of Utility Plant Acq. Adj. (406)	-	-
Amortization of Prop Loss, Unrecov Plant and Reg Study Cost (407)	45,427,295	45,427,295
Regulatory Debits (407.3)	240,590,871	193,598,962
(Less) Regulatory Credits (407.4)	28,532,715	24,192,653
Taxes Other Than Income Taxes (408.1)	320,409,756	296,622,181
Income Taxes Federal (409.1)	252,908,008	300,026,084
Income Tax - Other (409.1)	27,717,829	32,612,846
Provision for Deferred Income Taxes (410.1)	1,606,673,593	1,102,493,110
(Less) Provision for Deferred Income Tax Credit (411.1)	1,810,725,377	1,251,135,620
Investment Tax Credit Adjustment Net (411.4)	(3,959,622)	(4,238,337)
(Less) Gains from Disposition Utility Plant (411.6)	1,162	-
Losses from Disposition Utility Plant (411.7)	699,120	-
(Less) Gains from Disposition of Allowances (411.8)	-	7,556
Accretion Expense (411.10)	1,440,319	-
Total Utility Operating Expenses	5,214,982,062	5,244,603,025
Net Utility Operating Income	1,885,652,099	1,749,431,410
Revenues from Merchandising, Jobbing and Contract Work (415)	-	-
(Less) Costs and Exp. of Merchandising Job and Contract Work (416)	11,733	39,117
Revenues from Nonutility Operations (417)	43,055,272	27,390,285
(Less) Expenses of Nonutility Operations (417.1)	20,106,907	20,272,610
Non Operating Rental Income (418)	(4,093,218)	(3,659,806)
Equity in Earnings of Subsidiary Companies (418.1)	-	122
Interest and Dividend Income (419)	3,671,900	3,730,174
Allowance for Other Funds Under Construction (419.1)	65,129,106	62,337,169
Miscellaneous Nonoperating Income (421)	121,318,078	41,267,961
Gain On Disposition of Property (421.1)	2,129,676	742,635
Total Other Income	211,092,174	111,496,813
Loss on Disposition of Property (421.2)	(423,888)	(16,760)
Miscellaneous Amortization (425)	3,001	3,001
Donations (426.1)	7,227,333	13,231,182
Life Insurance (426.2)	(211,481)	(51,732)
Penalties (426.3)	521,500	-
Exp. For Certain Civic, Political and Related Activity (426.4)	7,728,674	8,846,091
Other Deductions (426.5)	230,840,389	487,060,035
Total Other Income Deductions	245,685,528	509,071,817

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Title of Account (a)	December 31, 2021	December 31, 2020
Taxes Applicable to Other Income and Deductions		
Taxes Other than Income Taxes (408.2)	(651,756)	2,596,421
Income Taxes - Federal (409.2)	(11,460,948)	13,765,390
Income Tax Non Utility (409.2)	(4,337,427)	2,170,129
Provision for Deferred Income Taxes (410.2)	11,010,016	10,812,735
(Less) Provision for Deferred Income Tax Credit (411.2)	16,657,024	118,459,035
Investment Tax Credit Adjustments - Net (411.5)	-	-
Total Taxes on Other Income and Deductions	(22,097,139)	(89,114,360)
Net Other Income and Deductions	(12,496,215)	(308,460,644)
Interest Charges		
Total Interest on Long - Term Debt (427)	479,560,490	489,944,789
Amortization of Debt Discount and Exp (428)	8,004,083	8,069,273
Amortization of Loss on Reacquired Debt (428.1)	6,403,404	6,281,711
(Less) Amortization on Premium of Debt-Credit (429)	107,287	105,201
Interest on Debt to Associated Companies (430)	998,262	2,628,163
Other Interest Expense (431)	70,418,382	7,219,100
(Less) Allowance for Borrowed Funds Used During Construction - CR(432)	28,714,347	27,806,645
Net Interest Charges	536,562,987	486,231,190
Income Before Extraordinary Items	1,336,592,897	954,739,576
Extraordinary Items		
Extraordinary Deductions (435)	-	-
Net Extraordinary Items	-	-
Income Taxes Federal and Other (409.3)	-	-
Extraordinary Items After Taxes	-	-
Net Income	1,336,592,897	954,739,576

Note(s): Detail amounts may not add to totals shown due to rounding.

Description	December 31, 2021	December 31, 2020
CASHFLOWS FROM OPERATING ACTIVITIES		
Net Income	1,336,592,897	954,739,576
Noncash Charges (Credits) to Income:		
Depreciation and Depletion	1,178,991,948	1,179,836,401
Amortization of primarily nuclear fuel	602,650,056	555,889,486
Impairment Charges	227,029,431	475,840,923
Deferred Income Taxes (Net)	(209,698,792)	(256,288,808)
Investment Tax Credit Adjustment (Net)	(3,959,622)	(4,238,337)
Net (Increase) Decrease in MTM and Hedging Transactions	127,693	-
(Increase) Decrease In:		
Receivables	(273,574,569)	20,734,742
Inventory	(16,305,073)	(14,187,663)
Allowances Inventory	(8,386,678)	(11,491,031)
Other Regulatory Assets	(9,595,167)	111,412,406
Increase (Decrease) In:		
Payables and Accrued Expenses	263,134,322	4,397,068
Other Regulatory Liabilities	(11,096,059)	46,934,908
(Less) Allowance for Other Funds Used During Construction	65,129,106	62,337,169
(Less) Undistributed Earnings from Subsidiary Companies	4,886,429	(4,886,307)
Asset Retirement Obligation Liabilities Settled	(182,393,174)	(162,212,931)
Provision for Rate Refunds	(46,317,619)	(4,643,713)
Other:		
SC Coal Ash Insurance Proceeds	30,658,006	
Federal and State Tax on Real Estate Impairments	6,805,139	
Church & College St. Impairments	2,299,671	
Tower Lease Revenue	2,871,039	
Deferred Lighting Revenue	2,134,867	
Covid-19 Deferral	(19,508,225)	(31,335,254)
Pension Contributions and Accruals	(68,844,302)	(53,067,790)
Claims and Expenses related to injuries and damages	(29,138,362)	(26,993,321)
Other Post-Retirement Benefit Costs	(21,729,041)	
Deferral of Storm Costs	(26,483,976)	(40,844,592)
Storm Securitization Proceeds	232,865,020	
Miscellaneous Prepaid Expenses	(5,912,960)	3,641,990
Reclass of Prior Year Subsidiary Earnings	4,886,429	(4,886,429)
Net Increase in Mark to Market and Hedging Transactions		
Insurance Proceeds for Asbestosis Claims	16,963,901	32,748,363
Shareholder Contributions	(4,000,000)	8,000,000
Environmental Reserve	(1,162,892)	7,015,000
Nuclear Insurance Property Reserve	11,144,749	7,277,555
Other	744,229	1,110,397
Net Cash Provided by (Used in) Operating Activities	2,911,777,351	2,741,938,084

Description	December 31, 2021	December 31, 2020
CASHFLOWS FROM INVESTING ACTIVITIES		
Gross Additions to Utility Plant (less nuclear fuel)	(2,499,256,857)	(2,400,681,826)
Gross Additions to Nuclear Fuel	(258,599,871)	(330,634,579)
(Less) Allowance for Other Funds Used During Construction	(65,129,106)	(62,337,169)
Notes Receivable from Affiliate Companies	(1,186,050)	-
Contributions and Advances from Assoc. and Subsidiary Companies	-	-
Purchase of Investment Securities	(3,425,375,596)	(1,601,701,030)
Proceeds from Sales of Investment Securities	3,425,375,596	1,601,701,030
Cost of Removal net of salvage	(147,361,147)	(131,007,439)
Net Cash Provided by (Used in) Investing Activities	(2,841,274,819)	(2,799,986,675)
CASHFLOWS FROM FINANCING ACTIVITIES		
Proceeds from Issuance of:		
Long-Term Debt	1,422,198,756	1,011,655,953
Issuance Costs	(8,354,867)	(13,372,364)
Unamortized Debt expense associated with master credit facilities	(916,344)	(956,156)
Other		(627,726)
Payments for Retirement of:		
Long-term Debt	(617,286,830)	(813,029,776)
Net Increase (Decrease) in Intercompany Notes	(279,546,000)	476,986,000
Dividends Paid to Parent	(600,000,000)	(600,000,000)
Net Cash Provided by (Used in) Financing Activities	(83,905,285)	60,655,931
Net Increase (Decrease) in Cash and Cash Equivalents	(13,402,753)	2,607,340
Cash and Cash Equivalents at Beginning of Period	20,826,070	18,218,730
Cash and Cash Equivalents at End of period	7,423,317	20,826,070

Note(s): Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 2

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Request:

Provide a trial balance as of the last day of the test year.

All income statement accounts should show activity for total twelve (12) months showing account number, account title, and amount. Clearly identify accounts maintained on a total company basis and accounts maintained on a jurisdictional basis (indicate jurisdiction). Show the balance in each control and all underlying subaccounts per company books. Any differences between the amounts contained in this item and Item 1 should be reconciled and explained in sufficient detail.

Response:

Please see attached file "DEC NC E1-2 - Trial Balance 2021.xlsx".

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 2
Trial Balance

<u>Account-Account Description</u>	<u>December 31, 2021</u>
Assets	
0101000 - Property Plant and Equipment	41,159,263,007
0101499 - Asset Retirement Obligations	(216,002,657)
0101315 - ARO Asset - Coal Ash	2,051,409,669
0101103 - Cap Lease Rate Base	54,893,741
0101360 - Cap Lease Rate Base (I/C)	279,769,138
Production	43,329,332,897
0114000 - Elec Plant Acquisition Adj	284,106
Electric Plant Acquisition Adjustment	284,106
0101102 - Oper Lease Right of Use Asset	147,261,526
0108202 - Accumulated DD&A - ROU Asset	(55,030,349)
Utility Plant Held Under Capital Lease	92,231,177
0105100 - Plt Held For Future Use - Wo Sys	1,862,291
0105200 - Plt Held For Future Use - Prs	59,532,732
0105300 - Comp Future Use Unclassified	366,790
Electric Plant for Future Use	61,761,813
0106000 - Comp Const Unclassified	4,600,120,857
Completed Contr, Not Yet	4,600,120,857
Other Utility Plant	4,754,397,952
Utility Plant (101-106,114)	48,083,730,850
0107000 - SCHM Cwip	1,989,105,103
0107950- Allocated - Common CWIP	871
0107004 - SCHM CWIP (SOFTWARE)	85,568,545
Construction Work in Progress (107)	2,074,674,520
Total Utility Plant	50,158,405,369
0111100 - Acc Prov - Amor Plt in Ser	(744,460,360)
0115000 - Acc Prov Plt Acquis Adj	(285,657)
Accumulative Provision for Depreciation Elec	(744,746,017)
0108600 - SCHM Retirement Wip	(145,928,649)
Retirement Work In Progress Electric	(145,928,649)
0108499 - Aro Asset Accum Depreciation	113,324,547
0108000 - Accumulated DDandA - Ppande	(15,380,602,593)
0108301 - Accum Depreciation COR	(1,915,745,582)
0108620 - RWIP - Reg Liab	598,324,165
0108315 - ARO Accum Depr - Coal Ash	(583,647,071)
0108640 - ARO Liability - Ash Mgmt	0
0108350 - IC Lease - Acc Depr & Amort	(28,963)
0108203 - Acc DD&A-Cap Rate Base	(8,462,784)
0108360 - Acc DD&A-Cap Rate Base (I/C)	(24,553,112)
Ext Reserve Decomm	(17,201,391,392)
Accum Prov for Depr Amort Depl (108, 110, 111, 115)	(18,092,066,058)
Net Utility and Plant	32,066,339,311
0120100 - Nuclear Fuel in Process	323,922,465
Nuclear Fuel in Process of Ref., Conv., Enrich., and Fab (120.1)	323,922,465
0120510 - Acc Amor - Nuc Fuel Assemblies	(3,643,391,130)
0120512 - Nuclear Fuel Retirements	2,572,951,133

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 2
Trial Balance

<u>Account-Account Description</u>	<u>December 31, 2021</u>
Accum. Provision for Amort. of Nuclear Assemblies (120.5)	(1,070,439,997)
0120200 - Nuclear Fuel Material and Assemb	1
Nuclear Materials and Assemblies - Stock Account (120.2)	1
0120300 - Nuc Fuel Assemblies in Reactor	1,072,507,768
Nuclear Fuel Assemblies in Reactor (120.3)	1,072,507,768
0120400 - Spent Nuclear Fuel Assemblies	466,390,240
Spent Nuclear Fuel (120.4)	466,390,240
Nuclear Fuel	1,538,898,009
Nuclear Fuel, Net - GB	468,458,012
Net Nuclear Fuel	792,380,477
Total Net Utility Plant	32,858,719,788
0116000 - Other Electric Plant Adj	1,012,652
Utility Plant Adjustments (116)	1,012,652
0121500 - NonUtility - Construction Wip	1,030,546
0121600 - Comp Const Not Classified - Nonu	2,468,072
0121000 - NonUtil Prop - General	138,758,579
Non Utility Property (121)	142,257,197
0122200 - NonUtility - Rwip	174,637
0122000 - DDandA - NonUtil Prop - Gen	(51,981,337)
Accum Prov for Depr and Amort Non-Utility (122)	(51,806,699)
Other Property, net - at cost	90,450,498
1231005 - Investment in Sub - Equity	13,114,590
1231015 - Current Year Earnings of Sub - Loaded	0
Investment in Subsidiary Companies (123.1)	13,114,590
0124100 - Stocks and Bonds in Other Co.	94,370
0124106 - Investment in T-Rex Group	0
0124310 - Other Assets	1,615
Other Investments (124)	95,984
0128800 - Funds DEC Qual Contr	1,371,170,217
0128801 - Funds DEC NQ Contr	(151,277,885)
0128802 - Funds DEC Qual Clean Contr	160,573,112
0128810 - Funds DEC Qual Real Earn	1,052,430,005
0128811 - Funds DEC NQ Real Earn	208,747,786
0128812 - Funds DEC Qual Non Real Earn	2,461,800,866
0128813 - Funds DEC NQ Non Real Earn	124,641,022
0128814 - Funds DEC Qual Clean Real Earn	122,675,339
0128815 - Funds DEC Qual Clean NR Earn	362,962,531
0128803 - Funds DEC NQ Clean Contr	84,722,993
0128816 - Funds DEC NQ Clean Real Earn	7,373,672
0128817 - Funds DEC NQ Clean NR Earn	(46,528,533)
Other Special Funds Decommission	5,759,291,124
0128716 - Prefunded Pension (major)	207,455,094
0128717 -Prefunded Pension	254,487,179
Other Special Funds	461,942,273
Other Special Funds (128)	6,221,233,397
Total Investments and Other Assets	6,234,443,971

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0176002 - 3rd Party Derivative Asset Long-Term	48,154,229
Long Term Portion of Derivative Assets - Hedges (176)	48,154,229
0118300 - Other Utility CWIP	0
Other Utility Work in Progress	0
Total Other Property and Investments	6,373,048,698
0131100 - Cash - Various Banks	122,517,435
0131300 - Retail Branch/Cash Collections	1,604,175
0131315 - Cash - DPCBIS - Bank of Travelers Rest	26,342
0131324 - Cash-DPCBIS-Chase-ACHRcpts	(9,245,384)
0131325 - Cash - DPCBIS - Chase - Ctwba Wires	4,446,912
0131326 - Cash-DPCBIS-WachoviaRecpts	43,064
0131327 - Cash - DPCBIS - BofA - Receipts	4,638,126
0131329 - Cash - DPCBIS - BofA - CreditCard	10,488
0131351 - Cash - Chase - General	(36,929,618)
0131354 - Cash-Wachovia-General	633,417
0131355 - Cash-Wachovia-MARBS	67,705
0131359 - Cash - BofA - GeneralAcct	100,000
0131376 - Cash - Wachovia - DCS	0
0131377 - Cash - Chase - Control Disburs	(59,536,069)
0131261 - Cash JPM 4638 DERF-DEC	(7,674,040)
0131267 - Cash JPM 4570 DEC	(13,579,236)
Cash (131)	7,123,317
0135200 - Wk Funds - Branch Managers	300,000
Working Funds (135)	300,000
Total Cash	7,423,317
0142011 - Accounts Receivable Other	137,136
0142200 - Cust Acct - Edp	622,381,639
0142210 - Acct Rec - D/FD EPP	(11,916,261)
0142300 - Cust Acct - Cash Not Posted - Edp	(6,441,687)
0142310 - Draft Exceptions	(250)
0142801 - A/R-Passport Interface	25,542,009
0142830 - A/R-Merch/Jobb/Contract Work	2,307,489
0142231 - Current BPM Sharing Receivable	(6,865,438)
0142430 - AR Wholesale Billed	0
0142050 - Transmission Billing	11,032,520
0142440 - A/R BPM - Actual	0
0142450 - A/R - Cogeneration	0
0142802 - A/R - Gas	5,313,089
0142970 - A/R - ENRB Holding Account	9,789,332
Customer Accounts Receivable (142)	651,279,578
0143011 - A/R - Other - Gen Acctg	2,968,505
0143110 - Misc A/R - Clearing	65,300,485
0143130 - Misc A/R - Stores	(152,783)
0143180 - Ret Med Life Den/Prem Withheld	413,919
0143230 - Pole Attach Rental - Sou Bell	9,698,844
0143221 - LT Asset: Interest Receiv	0

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0143320 - Mar Billed - Edp	28,371,022
0143710 - Accrued Power Agency Rec	(35,253,235)
0143720 - Accrued Power Agency Rec - IA	(1,151)
0143730 - Accrued Ncenc Receivable	(22,817,884)
0143740 - Accrued Ncenc Receivable - IA	(1,901,403)
0143770 - Accrued Pmpa Receivable	(423,244)
0143780 - Accrued Pmpa Rec - IA	2,082
0143810 - Central Csh Remittance Posting	(155,951)
0143830 - Ccr Ret Cks	30,517
0143222 - LT Tax Reclass Fed Dr	2,587,106
0143272 - Misc Accts Rec-EA	(9,000)
0143155 - Other A/R - Miscellaneous	101,398,973
0143022 - A/R Byproducts	904,134
0143023 - A/R Byproducts - Gypsum	0
0142999 - AR Estimate Unbilled	32,107,166
0143341 - Accounts Receivable - Joint Owners	5,979,306
0143119 - Off - System Storms Receivables	1,881
0143994 - State Tax Receivable - Audit	2,846,325
0143735 - A/R CJO Special Projects	0
0143052 - State Interconnect Receivab LT	308,733
Other Accounts Receivable (143)	192,204,348
0146000 - AR Intercompany Crossbill	53,691,383
0146990 - A/R Prop/BI - Bison Interco	0
0146999 - Inter - Unit Unconsolidated BU	0
0146009 - I/C AR Rollup	(231,125,568)
0146250 - IC Netting - Accts Receivable	288,135,140
0146104 - IC AR - Joint Dispatch	90,775,880
0146996 - Franchise Tax - Interco	0
0146501 - Intercompany Gas True-Up	(2,635,613)
Accounts Receivable from Associated Companies (146)	198,841,223
0171104 - Cur Asset: Interest Receiv	529,304
Interest and Dividends Receivable (171)	529,304
0172004 - Rents Rec-Real Estate	356,339
Rents Receivable (172)	356,339
0173100 - Unbilled Revenue Receivable	273,671,078
Accrued Utility Revenue (173)	273,671,078
0145005 - LT Intercompany Note	1,186,050
Note Receivable from Associated Companies (145)	1,186,050
Receivables	1,318,067,921
0144100 - SCHM Uncollectible Accrual Electric	(39,000,000)
0144110 - SCHM Uncollectible Accrual NC Elec (I)	0
0144120 - SCHM Uncollectible Accrual SC Elec (I)	0
0144400 - SCHM Uncollectible Accrual Ht Pump (I)	0
0144410 - SCHM Uncollectible Accrual NC Ht Pm (I)	0
0144420 - SCHM Uncollectible Accrual SC Ht Pm (I)	0
0144700 - Prov for MARBS Uncollectibles	(1,521,659)

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0144101 - Allowance Credit Loss	(1,000,000)
Accum Prov for Uncollectible Account (144)	(41,521,659)
Receivables, Net	1,276,546,261
0151130 - Coal Stock	186,836,178
0151131 - Coal Stock in Transit	7,191,639
0151132 - Coal In-transit Accruals	995,563
Coal Stocks	195,023,380
0151140 - Diesel Fuel Stock	38,104,267
Fuel Stock Oil	38,104,267
0151660 - Natural Gas Inventory	4,352,075
Fuel Stock (151)	4,352,075
Fuel Stock (151)	237,479,722
0154100 - Inventory	850,149,727
0154120 - Catawba Stm Station Stk Contra	(130,295,110)
0154140 - Misc Inventory	13,124,600
0154150 - Spent Fuel Canisters	13,681,748
0154200 - Limestone Inventory	7,294,600
0154990 - Schm Inv Cr - Surplus Mat'L Ident	(10,681,484)
0154103 - M&S Inventory-WVPA, IMPA contra	(549,427)
0154410 - Working Stock	0
Plant Material and Operating Supplies (154)	742,724,654
0158150 - SO2 Current Vintage	415,945
0158120 - RECs - DE Carolinas - NC	73,155,266
Allowances (158.1 and 158.2)	73,571,212
0163110 - Stores Expense	45,177,567
0163160 - Stores Exp Distribution - Credit	(128,972)
0163180 - Freight and Express	1,192,876
0163000 - Commodity Cost	4,543
Store Expenses Undistributed (163)	46,246,014
0156010 - Other M&S / Inventory	(73,366)
Other Materials and Supplies (156)	(73,366)
Inventory - at average cost	1,099,948,236
0165075 - Interco Prepaid Insu SchM	0
0165100 - Unexpired Insurance	0
0165110 - Unexpired Ins - Catawba Contra	(2,204,604)
0165120 - Unexpired Insurance - Nuclear	7,952,601
0165401 - Prepaid NRC License Fees	0
0165500 - SCHM Prepaid Taxes - Huntersville	3,382,066
0165400 - Misc Prepaid Expenses	1,995,116
0165011 - Ppd - Software - Purchase	1,287
0165513 - Prepaid Expense - Misc.	168
0165538 - LTSA - Long Term Portion FTG	20,033,164
Prepayments (165)	31,159,798
0174300 - Swap Int Recvbl Cur Reg Asset	8,633,432
Miscellaneous Current and Accrued Assets (174)	8,633,432
0176001 - 3rd Party Derivative Asset Current	83,415,055

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L T Portion of Derivative Instruments Assets Hedges (CALC)	48,154,229
Derivative Instrument Assets Hedges (176)	131,569,284
(Less) Long Term Portion of Derivative Instruments Assets - Hedges	(48,154,229)
Current Assets	2,507,126,099
Total Current and Accrued Assets	2,507,126,099
0181150 - \$300M 6.0% Sr Nte Due 12/1/28	332,642
0181240 - Sr Unsecured Bds Due 10/15/32	959,983
0181380 - 8.95% Grnsbor Transit Due 2027	3,368
0181400 - Credit Facilities Fee	3,808,812
0181021 - Unamortized Debt Expense	73,297
0181801 - \$500M 6.1% Sr Nte due 6/1/37-A	1,962,202
0181803 - \$500M 6.0% FMB due 1/15/38	2,196,236
0181038 - \$600M 6.05% FMB due 4/18/2038	2,546,050
0181285 - \$750M 5.3% FMB due 2/15/2040	3,586,231
0181284 - \$650M 4.25% FMB due 12/15/41	3,518,298
0181062 - \$650M 4% FMB due 09/30/2042	3,840,690
0181856 - Unamort Debt 3.75% due 6/1/2045	3,442,460
0181056 - Unamortized Debt Exp - CurrLTD	154,170
0181857 - Unamort Debt 2.5% due 3/15/23	406,820
0181858 - Unamort Debt 3.875% due 3/15/46	3,333,699
0181859 - Unamort Debt 2.95% due 12/1/26	1,567,259
0181094 - \$550M 3.7% FMB due 12/1/2047	4,050,794
0181096 - \$500M 3.05% FMB due 3/15/2023	532,568
0181097 - \$500M 3.95% FMB due 3/15/2048	3,684,099
0181287 - \$350M 3.35% FMB due 5/15/22	0
0181288 - \$650M 3.95% FMB due 11/15/28	2,345,886
0181289 - \$450M 2.45% FMB due 8/15/29	1,847,520
0181291 - \$750M 3.20% FMB due 8/15/49	5,862,377
0181853 - CLT Metro Debt	7,610,359
0181281 - \$500M 2.45% FMB due 2/1/30	2,201,909
0181282 - \$550M 2.55% FMB due 4/15/31	2,742,183
0181283 - \$450M 3.45% FMB due 4/15/51	3,680,509
Unamortized Debt Expenses (181)	66,290,420
0189000 - Schm Unamt Loss Reaq Dt Pre Sc	18,100,739
0189100 - Schm Unamt Loss Reaq Dt	11,280,537
0189101 - Schm Unamt Loss Reaq Dt-MAXES	11,756,729
Unamortized Loss on Reaquired Debt (189)	41,138,005
Debt expense (refinancing costs, amortized over terms)	107,428,425
0182223 - Nuclear COLA - Wholesale	11,368,379
0182224 - Harris COLA - Retail	284,493,592
0182236 - Early Retired Plant	6,291,798
Unrecovered Plant and Regulatory Study Costs (182.2)	302,153,770
0182320 - Regulatory Asset - Inc Tax	431,501,703
Regulatory Asset Tax	431,501,703
0182340 - Sch M: Vac Accrual Reg Asset	83,419,378
0182323 - Rate Case Cost NC CUR	1,326,161

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0182410 - Interest Rate Swap Reg Asset	149,462,074
0182530 - Hydro Loss Recovery - SC	8,366,677
0182801 - Pension Post Retire P Acctg - FAS87 NQ	3,829,018
0182270 - Hydro Loss Recovery - NC	21,021,854
0182318 - Other Reg Assets - Gen Acct	324,305,163
0182361 - SC Energy Efficiency Reg Asset	(4,786,081)
0182329 - Reg Asset Section 124 Asset	1,547,369
0182359 - REPS Incremental Costs	1,615,548
0182381 - NC Energy Efficiency Reg Asset	(32,890,263)
0182374 - Duke Generated REC Certificate	7,697,780
0182304 - Storm Reg Asset - Upfront Cost	363,282
0182314 - Buck Bridgewater Deferred Cost	9,263,921
0182301 - Buck Bridge Return Deferral	(4,818,013)
0182408 - NC Retain Defer Fuel Clause	97,388,637
0182004 - Dan River Cliff 6 Def Cost	35,569,798
0182005 - Dan River Cliff 6 Deferral	(12,322,792)
0182305 - NC NBV Retired Plant	47,284,520
0182420 - Deferred Fuel Retail	17,433,347
0182428 - NC Nuclear Levelization	14,930,722
0182429 - SC Nuclear Levelization	5,134,456
0182135 - McGuire Uprate Deferred Deprec	5,820,242
0182430 - Coal Inventory Rider NC	37,667
0182431 - NC Nuclear Levelize Cur	58,104,907
0182321 - Reg Asset - Deriv MTM Oil	13,192,701
0182310 - McGuire Uprates Equity Reserve	(2,346,949)
0182433 - Rate Case Cost NC LT	6,217,487
0182438 - Billing System Deferral - Ltg	656,028
0182446 - Rate Case Cost SC CUR	298,873
0182452 - Rate Case Cost SC LT	1,424,297
0182470 - Coal Ash Spend - Retail SC&FL	112,540,453
0182315 - Reg Asset - Coal Ash Pond ARO	819,346,891
0182040 - SC Long-Term Deferred Fuel	62,456,274
0182458 - NC Long-Term Deferred Fuel	161,890,262
0182471 - Coal Ash Spend - Retail (NC&MW)	(29,107,990)
0182472 - Coal Ash Spend - Wholesale	(2,780,798)
0182494 - Deferred Asset - SC DERP	4,838,286
0182483 - Rotable Fleet Spare Reg Asset	6,175,134
0182484 - NC Regulatory Fee	1,515,013
0182495 - SC Non-AMI Meter NBV	30,352,902
0182496 - SC AMI Meter Deferred Costs	28,490,848
0182497 - SC AMI Def Costs - Equity Rtrn	(9,610,780)
0182506 - Spend RA Amortization (NC&MW)	325,092,846
0182507 - Spend RA Amortization (SC&FL)	42,351,988
0182524 - NC CustomerConnect Deferral LT	62,043,952
0182525 - Non-AMI Meter NBV 182.3	91,451,543
0182531 - Lee CC - NC	7,163,616

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0182532 - Lee CC - SC	20,538,740
0182533 - Lee CC - NC Contra Equity	(1,699,230)
0182534 - Lee CC - SC Contra Equity	(6,039,776)
0182528 - CPRE Rider	128,697
0182560 - NC Solar Rebate Program Costs	16,938,660
0182541 - Customer Connect SC LT	7,142,653
0182543 - Customer Connect SC EQ LT	0
0182544 - ABSAT Projects Deferred Costs	76,988,932
0182546 - ABSAT Proj Deferred Costs-SC	26,637,349
0182547 - Contra Eq-ABSAT Proj Def Costs	(26,175,403)
0182548 - Con Eq-ABSAT Proj Def Costs SC	(10,375,921)
0182549 - Contra Eq-CWDC Def Costs SC	(1,459,669)
0182550 - COR Settlement - SC	40,309,442
0182551 - COR Settlement	51,018,782
0182552 - CWDC Deferred Costs - SC	4,493,751
0182553 - Depreciation Deferral - SC	1,205,063
0182557 - Customer Connect NC EQ LT	(2,900,781)
0182561 - Grid Deferral - SC	68,172,201
0182562 - Grid Deferral - SC Contra EQ	(19,912,095)
0182606 - Managment Penalty Amortization	(14,415,948)
0182615 - Coal Ash Contra Equity	(26,450,082)
0182572 - SC H3659 Implementation	1,912,789
0182584 - Credit Card Program	1,175,021
0182587 - Deferred Severance Charges	35,675,119
0182590 - COVID Contra RA	(21,380,627)
Misc Regualtory Assets	2,794,285,918
Other Regulatory Assets (182.3)	3,225,787,621
0183000 - Prelim Survey and Investigation	13,210,991
Preliminary Survey and Investigation Charges (183)	13,210,991
0184495 - Rail Car Leasing Clearing	0
0803100 - Sedans and Station Wagons	(7,920,978)
0803110 - Light Trucks Gvwr < 10K	9,575,934
0803120 - Light/Med Trucks Gvwr 10K - 26K	1,374,570
0803130 - Medium/Heavy Trucks Gvwr > 26K	2,798,992
0803140 - Light/Med Trucks Gvwr 10K - 26K	3,040,499
0803150 - Med/Heavy Trucks Gvwr > 26K	4,728,855
0803170 - Road Tractors	927,151
0803180 - Trailers All	3,446,767
0803290 - Miscellaneous Expense	(37,290,894)
0804110 - Unproductive Time Distributed	(581,844)
0804210 - Vacations	328,121
0804220 - Holidays	176,540
0804240 - Inclement Weather	0
0804280 - Scheduled Time Earned Unworked	1,055
0804290 - Other Excused Absences	16,922
0804300 - Doctor/Dentist	14,591

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0804330 - Sick	41,368
0820000 - Fabricated Equipment	880,131
0830200 - Trenchers and Cable Plows	452,437
0830210 - Rubber Tired Tractors	3,276,336
0830300 - Heavy Const. Equip	2,160,372
0830330 - Mobile Cranes	2,333,635
0830350 - Forklifts	6,978,129
0830360 - Mobile Equipment	676,073
0830370 - Misc Non - Hwy Equip	3,442,122
0999998 - Allocations Suspense	0
0184023 - Clearing Payroll Fixed Distr	19,155
Clearing Accounts (184)	896,038
0186220 - Schm Deferred Dsm Costs - Nc	(1,190,194)
Deferred DSM	(1,190,194)
0186110 - Miscellaneous Work in Process	(14)
0186120 - Misc. Wip - Fp Dist. Wids	1,604,224
0186290 - Oth Deferred Charges - Operation	1,677
0186420 - Error Suspense - Customer Acct'G	208,935
0186480 - Misc Debits To Be Cleared	2,123
0186980 - COVID Contra RA	(17,681,848)
0186984 - Other Long-Term Assets	0
0186500 - Other Long Term Receivable	2,386,893
0186090 - I&D O/S Svcs Receivable	66,450
0186222 - Reserve Equity BPM Sharing AR	615,265
0186660 - Solar - Deferred Cost	3,918,901
0186661 - Reserve Equity - Solar	(6,895,168)
0186195 - Deferred Rate Case Expense	10,065,633
0186998 - Fukushima Pooled Inventory Opt	4,534,508
0186295 - Deferred Storm Expenses	12,853,963
0186041 - Def Dr - Gas Acctg	417,290
0186036 - EVCS Deferral	13,338
0186882 - Straight Line Lease Defer DR	800,585
0186046 - ORS Avoided Cost Cnslt	157,201
0186806 - Pension settlement charges	36,911,157
0186296 - Contra Deferred Storm Costs	(837,968)
0186979 - Covid Deferrals	68,525,328
Other Deferred Charges	117,668,474
0186060 - IandD Insurance Receivable	643,664,907
0186061 - Allowance IandD Insur. Rec	(12,000,000)
I&D Insurance Receivable	631,664,907
Miscellaneous Deferred Debits (186)	748,143,187
0190001 - Adit: Prepaid: Federal Taxes	3,166,474,415
0190002 - Adit: Prepaid: State Taxes	306,370,678
0190013 - LT Def tax asset: Fed-190	(11,392,583)
0190015 - LT Def Credit for state Liab-190	(1,634,133)
0190051 - Accum Deferred FIT-OCI	1,716,033

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0190052 - Accum Deferred SIT-OCI	250,559
0190155 - Deferred Tax - Nol	0
Accumulated Deferred Income Taxes (190)	3,461,784,968
Total Deferred Debits	7,859,405,000
Total Assets	49,599,312,237
Liabilities and Other Credits	
0211000 - Miscellaneous Paid-In Capital	2,298,939,833
0211003 - Misc Paid in Capital	1,167,824,109
0211006 - Other Misc Paid in Cap	258,303,908
Other Paid In Capital (208-211)	3,725,067,850
0215100 - Approp. Retained Earnings --	162,564,734
0216000 - Unapprop Retained Earnings	9,282,830,904
0439004 - Cumm Effect Acct Change Tax	3,736,041
0439005 - Cum Effect Acct Change Pre-tax	(16,000,000)
Current Month Net Income	1,336,592,897
0438000 - Dividend Declared Common	(600,000,000)
0216006 - Cumm Effect Change in Acct Tax	0
Retained Earnings (215, 215.1, 216)	10,169,724,576
0216100 - Unappr Undistr Subsid Earnings	4,810,163
0216150 - Equity IC AR Rollup	3,433,324,461
2161500 - IC AR Rollup	(3,433,324,461)
Unappropriated Undistributed Subsidiary Earnings (216.1)	4,810,163
2191002 - OCI Rollup	(6,455,552)
Accumulated Other Comprehensive Income (219)	(6,455,552)
Total Proprietary Capital	13,893,147,037
0221055 - \$500M 3.90% FMB due 6/15/21	0
0221160 - 8.95% Grnsboro Transit Due2027	6,738,919
0221240 - Sr Unsecured Bds Due 10/15/32	350,000,000
0221380 - Series A 6% Snr Notes Due 2028	300,000,000
0221400 - Npandl 6.9% Ser C Due 12/31/16	0
0221801 - \$500M 6.1% Sr Nte due 6/1/37-L	500,000,000
0221803 - \$500M 6.0% FMB due 1/15/38	500,000,000
0221005 - 6.05% FMB due 4/15/2038	600,000,000
0221285 - \$750M 5.3% FMB due 2/15/2040	750,000,000
0221284 - \$650M 4.25% FMB due 12/15/41	650,000,000
0221062 - \$650M 4% FMB due 09/30/2042	650,000,000
0221856 - \$500M 3.75% FMB due 6/1/2045	500,000,000
0221857 - \$500M 2.5% FMB due 3/15/23	500,000,000
0221858 - \$500M 3.875% FMB due 3/15/2046	500,000,000
0221859 - \$600M 2.95% FMB due 12/1/26	600,000,000
0221094 - \$550M 3.7% FMB due 12/1/2047	550,000,000
0221096 - \$500M 3.05% FMB due 3/15/2023	500,000,000
0221097 - \$500M 3.95% FMB due 3/15/2048	500,000,000
0221287 - \$350M 3.35% FMB due 5/15/22	350,000,000
0221288 - \$650M 3.95% FMB due 11/15/28	650,000,000
0221289 - \$450M 2.45% FMB due 8/15/29	450,000,000

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0221291 - \$750M 3.20% FMB due 8/15/49	750,000,000
0221281 - \$500M 2.45% FMB due 2/1/30	500,000,000
0221282 - \$550M 2.55% FMB due 4/15/31	550,000,000
0221283 - \$450 3.45% FMB due 4/15/51	450,000,000
Bonds (221)	11,656,738,919
0224020 - Gains on Terminated Swaps	3,684,646
0224560 - Long-Term Debt Derf Due 9/5/06	475,000,000
0224853 - CLT Metro Debt	381,586,759
Other Long Term Debt (224)	860,271,405
0225291 - \$750M 3.20% FMB due 8/15/49	2,963,512
Unamortized Premium on LT Debt (225)	2,963,512
0226240 - Sr Unsecured Bds Due 10/15/32	(729,575)
0226380 - Series A 6% Snr Notes Due 2028	(852,370)
0226801 - \$500M 6.1% Sr Nt du 6/1/37-LTD	(33,415)
0226803 - \$500M 6.0% FMB due 1/15/38	(187,034)
0226021 - Unamort Discount-Curr	(13,696)
0226023 - 6.05% FMB due 4/15/2038	(895,806)
0226285 - \$750M 5.3% FMB due 2/15/2040	(1,919,257)
0226284 - \$650M 4.25% FMB due 12/15/2041	(730,233)
0226061 - DEP UNAMDIS 450M 2.90% 2051	0
0226062 - \$650M 4% FMB due 09/30/2042	(3,575,225)
0226856 - \$500M 3.75% FMB due 6/1/2045	(3,231,280)
0226857 - \$500M 2.5% FMB due 3/15/2023	(33,530)
0226858 - \$500M 3.875% FMB due 3/15/2046	(1,423,566)
0226859 - \$600M 2.95% FMB due 12/1/2026	(711,134)
0226094 - \$550m 3.7% FMB due 12/1/2047	(692,613)
0226096 - \$500M 3.05% FMB 3/15/2023	(139,961)
0226097 - \$500M 3.95% FMB 3/15/2048	(2,063,197)
0226287 - \$350M 3.35% FMB due 5/15/22	0
0226288 - \$650M 3.95% FMB due 11/15/28	(1,645,104)
0226289 - \$450M 2.45% FMB due 8/15/29	(421,773)
0226291 - \$750M 3.20% FMB due 8/15/49	(863,575)
0226281 - \$500M 2.45% FMB due 2/1/30	(1,285,123)
0226282 - \$550M 2.55% FMB due 4/15/31	(585,246)
0226283 - \$450M 3.45% FMB due 4/15/51	(1,636,592)
Unamortized Discount on LT Debt (226)	(23,669,305)
0223306 - Intercompany Notes Payable LT	300,000,000
Advances from Associated Companies (223)	300,000,000
Total Long Term Debt	12,796,304,530
0227103 - LT Cap Lease Oblig - Tax Oper	51,369,930
0227175 - LT Operating Lease Obligation	77,927,885
0227350 - IC Lease - LT Cap Lease Oblig	(47,735)
0227360 - LT Cap Lease Oblig-Tax Op IC	232,447,828
Obligations Under Capital Leases (227)	361,697,908
0228110 - Prprty Insrnc Rsrv - Nuclear	108,965,591
0228120 - Prprty Insrnc Rsrv - Other	500,000

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0228130 - Nuclear Liab Insurance Reserve	30,252,776
Accumulated Provision for Property Insurance (228.1)	139,718,367
0228020 - Inactive - Schm Employees - N.C.(Electric)	0
0228040 - Inactive - Schm Employees - S.C.(Electric)	0
0228150 - Schm IandD - Extraordinary	501,022,753
0228280 - Schm Environmental	2,696,706
Accumulated Provision for Injuries and Damages (228.2)	503,719,459
0228314 - OPEB NonCur Liab - Life	108,621
0228315 - OPEB NonCur Liab - Medical	13,917,507
0228325 - Schm Post Emp FAS 112	23,903,621
0228348 - Pension Liab - FAS 87(Cinergy)	0
Accumulated Provision for Pensions and Benefits (228.3)	37,929,750
0228405 - 2000 Class Deferred Compensat	1,306,375
0228440 - Reserve - MGP Sites FERC 228	(1,610)
0228480 - Acc Prov Insurance-Environ	(497,049)
Accumulated Miscellaneous Operating Provisions (228.4)	807,716
0229010 - Accm Prv-Rate Refnd-Tax Ref	5,178,059
Accumulated Provision for Rate Refund (229)	5,178,059
0230999 - ARO Liability	2,911,619,827
0230315 - ARO Liability - Coal Ash	2,389,538,265
Asset Retirement Obligations (230)	5,301,158,092
0245002 - 3rd Party Derivative Liability Noncurren	1,444,109
LT Portion of Derivative Instrument Liabilities - Hedges	1,444,109
Total Other NonCurrent Liabilities	6,351,653,459
0232016 - AP PS8.9 Vendors Payable	338,863,113
0232120 - Vouchers Payable - Special	719,317
0232122 - Annual FERC Adm and Hydro Fee	3,353,511
0232123 - Ncuc Regulatory Fee Pay	1,659,787
0232125 - NRC Inspection Fee Pay	1,535,201
0232140 - Customer Refunds Payable	2,277,657
0232150 - Accounts Payable - Stores	0
0232151 - Pp Accounts Payable - Stores	(7,181,410)
0232170 - Accounts Payable - Coal	7,583,844
0232175 - Limestone and Freight Payable	143,771
0232180 - Accounts Payable - Oil Stocks	54,845
0232190 - Coal Freight Payable	2,175,577
0232195 - Railcar Lease Payable	3,012,108
0232200 - Cbis Refund Payable	(215,866)
0232892 - A/P Miscellaneous	867,121
0232143 - Advance Payable-NCCEMC	5,492,067
0232460 - Bulk Power Marketing Payable	2,199,818
0232480 - Co - Generation	(6,121,997)
0232410-Transmission Payables	108,247
0232109 - A/P BPM - Actual	362,995
0232205 - A/P ENRB Holding Account	599,990
0232999 - A/P BPM - Estimate	1,293,910

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0232145 - A/P CJO Special Projects	378,829
Power Accounts Payable (232)	4,313,860
0232061 - Checks not presented - reclass	122,517,435
Unpaid Bank Checks (232)	122,517,435
0232996 - Capital - Accruals	164,671,104
0232039 - Payable 401K Incentive Match	8,351,491
0232181 - Natural Gas Payable	252,431,806
0232018- EAM Payables	(387,917)
0232002 - A/P - Misc - Gen - Acctg	43,356,614
0232176 - Reagent Payable	733,871
0232177 - Generic By Products Payable	479,132
0232129 - SC PSC Reg Fee Pay	1,798,039
0232000 - A/P Vendors Payable	0
0232155 - Accounts Payable - Stores CAS	3,722,714
0232178 - Accrued Settlements Payable	1,740,959
0232199 - PowerPlan Coal Payable	(1,603,109)
0232171 - Account Payable - Coal Accrual	995,563
0232329 - Share The Warmth	497,813
Accounts Payable (232)	958,467,951
0233150 - IC Moneypool - ST Notes Pay	226,415,000
Notes Payable to Associated Companies (233)	226,415,000
0232232 - A/P Affiliates	(12,238)
0233003 - IC - LT Notes Pay	17,749,366
0234000 - IC Moneypool - ST Interest Pay	3,336
0234010 - I/C AP - Joint Dispatch	679,675
0234250 - IC Netting - Accts Payable	288,135,140
Accounts Payable to Associated Companies (234)	306,555,280
0235110 - Cust Dep For Srvc - Edp Billing	50,286,053
0235130 - Cust Dep Transf To Gen Office	1,765,096
0235140 - Special Customer Deposits	16,136,638
0235004 - Deferred Liability OL	75,000
0235006 - Pole Attachment Deposits	106,500
Customer Deposits (235)	68,369,287
0236000 - NC Prop Tax - Electric	201,614
0236040 - NC Prop Tax - Misc Non - Util	0
0236150 - St/Local Unemployment Tax Liab	6,959
0236200 - NC Industr Comm - Electric	(13,792)
0236360 - SC Prop Tax - Electric	149,622,690
0236460 - SC Kwh Power Generation Tax	627,404
0236470 - Franchise Tax Accrual	11,225,292
0236700 - Employer FICA Tax Liab	28,711,377
0236750 - Federal Unemployment Tax Liab	8,675
0236906 - Use Tax Payable	2,951,637
0236926 - LT tax reclass Fed cr	(11,392,583)
0236927 - LT tax reclass state cr	(1,634,133)
0236942 - State Inc Tax Payable - Prior Yrs LT	943,354

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0236953 - LT Liability: State UTP	1,634,133
0236990 - Fed Inc Tax Payable - Current	59,034,935
0236943 - State Inc Tax Payable- Prior Yrs	4
0236983 - Fed Inc Payable-Prior Yrs	0
0236993 - LT Liability Fed - UTP	11,596,450
0236996 - LT Liability Fed UTP 06-07 yr (I)	(198,116)
0236001 - State It Payable Other	5,784,264
0236986 - LT Liability Fed - KTRA	0
0236701 - Employer FICA Tax Liab LT	(5,951,336)
Taxes Accrued (236)	253,158,828
0230690 - S.C. Mun. License - Elect.	(71,854)
0232630 - NC Sales Tax Payable - Inactive	0
0232661 - Mecklenburg 1/2% Sales Tax - Inactive	0
Other Accounts Payable	(71,854)
Consolidated Taxes Accrued	253,086,975
0237110 - Bonds Interest Payable	107,558,454
0237220 - Int Accrued on NC Cust Deposit	102,999,402
0237230 - Int Pd Curr Yr on NC Cust Dep	(86,793,912)
0237240 - Int Accrued on SC Cust Dep	14,662,379
0237250 - Int Pd Curr Yr on SC Cust Dep	(14,165,812)
Interest Accrued (237)	124,260,511
0241110 - State Income Tax Wh - Employee	971,879
0241150 - Federal Income Tax Wh - Employee	(42,121)
0241160 - FICA Withheld - Employee	(8,190)
0241170 - SC salestx-cust refunds	(1)
0241310 - General Sales Tax	2,525,687
0241320 - Utility Sales Tax	8,347,176
0241335 - Local Taxes Withheld	8,249
0241348 - Franchise Fees Payable	4,733,233
Tax Collections Payable (241)	16,535,914
0242215 - Payroll Severance Reserves	1,842,567
0242310 - Green Power Payable	66,927
0242320 - Transmission Open Acc - Deposits	1,490,189
0242460 - Prov For Incentive Ben Prog	145,810,090
0242461 - Prior Year Incentive Accrual	0
0242470 - NC Alternative Energy Payable	174,432
0242490 - Vacation Carryover	116,315,304
0242510 - Escheats Officer Dpt Treas - Nc	(1,067,449)
0242540 - Escheaments Payable	(660,987)
0242650 - Accrued Payable - Other	536,807
0242690 - Executive Incentive Accrual	0
0232402 - Collateral Liab	3,000,000
0242216 - Payrll ST Retention/Spcl Rsrvs	3,056,135
0242999 - Misc Liab - FAS 112	3,601,817
0242330 - Carbon Offset Program - NC	9,598
0242340 - Carbon Offset Program - SC	(292)

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0242033 - Wages Payable - Accrual	6,457,350
0242221 - Current Year BPM Sharing	(1,356,664)
0242897 - NQ Pension Current ECPB	1,555,058
0242898 - OPEB Current Liab - Life	4,619
0232004 - Vision Deduction	(53,239)
0232053 - Dependent Spending Acct Deduct	(23,434)
0232067 - Dental Deductions	(1)
0232005 - Long Term Disability Deduction	57,682
0232045 - Supplemental Life Deductions	443,463
0232048 - Supplemental AD&D Deduction	53,618
0232049 - Medical & HSA Deductions	(4,354)
0242152 - Solar Interconnect Deposits	71,710,184
0242153 - Performance Securities	19,211,130
0242983 - Other NonCurrent Liab (TR)	45,235,882
0242984 - Other Curr Liability (TR)	73,550,303
0242051 - FERC Interconnect Deposits LT	793,500
0242054 - State Interconnect Deposits LT	4,625,724
0242041 - SC Bulk Utility Payments	8,548,803
Other Current Accrued Liability	504,984,762
0242110 - Contract Retentions	3,991,064
Contruccion Contra Ret	3,991,064
0242710 - 8.95% Grnsboro Transit Due2027	0
Current Portion of Debt	0
Miscellaneous Current and Accrued Liabilities (242)	508,975,825
0243103 - Current Cap Lease Oblig - Tax	1,022,283
0242175 - Curr Operating Lease Oblig	21,695,165
0243360 - Curr Cap Lease Oblig-Tax IC	4,858,287
Obligations Under Capital Leases - Current (243)	27,575,734
0244005 - Derivative Instr-Regulatory-ST	8,633,432
Derivative Instrument Liabilities - Current	8,633,432
Derivative Instrument Liabilities (244)	8,633,432
Long-Term Portion of Derivative Instrument Liabilities-Hedges Calc	1,444,109
0245001 - 3rd Party Derivative Liability Current	11,748,592
Derivative Instrument Liabilities - Hedges (245)	13,192,701
(Less) Long-Term Portion of Derivative Instrument Liabilities-Hedges	(1,444,109)
Total Current and Accrued Liabilities	2,510,624,501
0255000 - Accum Def Inv Tax Credits	285,758,354
0255201 - Def ITC-Non-Regulated	1,248,450
Accumulated Deferred Investment Tax Credits (255)	287,006,804
0253037 - LT Liab - Current Portion	4,000,000
0253036 - JEA Option Agreement	7,500,000
0253200 - Cashier'S Overs and Shorts - <\$1	393,805
0253300 - Cashiers' Overs and Shorts	1,866,738
0253500 - Net Proceeds on Property Sales	151
0253890 - Schm Tax and S/L For Surplus Mat'ls	628,098
0253910 - Pole Attach - Advance Billing	57,518

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0253990 - Deferred Prepaid Ef - Lighting	20,275,024
2531006 - Defr Cr - A/R A/P Elim Diff	(23,924,943)
Historical Equity Roll - Up Plug	(3,433,324,461)
2531008 - Defr Cr - Other Bal Sheet Elim Diff	23,924,943
0253039 - Deferred Revenue	579,075
0253920 - Other Deferred Credits	8,619,263
0253035 - Misc Def Cr - Genl Acctg	36,205
0253905 - Deferred Debt Return - Solar	7,459,153
0253082 - OTH DEFER CR MISCELLANEOUS	4,509,722
0253086 - ACCRUED INDEMNIFICATIONS - SFAS 5	0
0253600 - Reg Liab - NC EDIT - SC Retail	51,314,774
0253070 - Reserves - Mgp Sites FERC 228	15,966,900
0253059 - C-W Licensing Proj - Future Liab	6,066,449
ICNET_PLUG	3,433,324,461
0253062 - Long Term Def Rev - OL	3,710,430
0253063 - SC Coal Ash Insurance Proceeds	30,658,006
0253630 - Schm Exec Cash Bal Plan	10,752,576
0253603 - Oth Def Cr - NC EDIT GU	15,632,312
Misc Deferred Credit (253)	186,026,198
0253980 - Schm Accrued Decommissioning Costs -	691,988,212
Nuclear Decommission Trust Fund (253)	691,988,212
Other Deferred Credits (253)	882,014,410
0254210 - Reg Liability Emission Swaps	7,935
0254220 - Reg Liab Em Swp GAAP Int Asset	(7,935)
0254002 - Interest Rate Swap Reg Liability	54,623,250
0254990 - Aro Reg Liab - Accr/Arc Depr	1,592,466,043
0254120 - I and D Regulatory Liability	27,686,252
0254250 - NC REC Liability - Retail	61,117,605
0254251 - NC REC Liability - Whse	9,072,903
0254450 - SC Storm Reserve Fund	(9,988,304)
0254689 - Reg Liability - OPEB Medical	43,508,439
0254690 - Reg Liability - OPEB Life	(7,061)
0254013 - Reg Liab NC Deferred Fuel	0
0254050 - REG LIAB SC Deferred Fuel	129,382
0228457 - Nuclear Refueling Outages	0
0254021 - Nuclear Fuel Last Core Reserv	62,578,135
0254022 - M and S Inventory Reserve PEC RC	74,311,829
0254023 - NDTF Contaminated Liability	460,505,258
0254800 - Reg Liability - MTM Fuel - LT	154,027,047
0254030 - NC Long-Term Liab Defer Fuel	0
0254035 - SC Long-Term Liab Defer Fuel	0
0254106 - Rotable Fleet Spare Reg Liab	490,013
0254065 - Job Retention Rider Liability	(818)
0254051 - CPRE (ST)	3,888,035
0254047 - Coal Ash Insurance Proceeds	0
0254325 - WS Coal Ash Ins Proceeds-Curr	1,597,367

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0254052 - Storm Secur Srvc/Admin - LT	13,702
0254057 - NC NBV Retired Plant	47,284,520
Misc Regulatory Liab (254)	2,583,303,598
0254100 - Regulatory Liability - Inc Tax	83,413,156
0254150 - Reg Liab - State Tax Rate Change	55,521,222
0254036 - Reg Liab - Excess Fed ADIT	1,458,620,317
0254037 - RL - Excess NC ADIT - SC Retail	42,151,212
0254038 - Excess ADIT Grossup LT	627,565,734
0254041 - Reg Liab - D&E Ret on St EDIT	4,190,847
0254042 - Reg Liab - Fed EDIT - SC Retail	495,233,688
0254044 - Reg Liab - Fed EDIT - W/S	195,179,555
0254045 - Reg Liab - Debt Retrn on FEDIT	14,604,737
0254053 - Reg Liab - NC EDIT - Wholesale	21,414,651
0254054 - Reg Liab - NC EDIT - Retail	150,416,152
0254055 - Reg Liab - NC EDIT - NC Retail	52,345,796
Regulatory Liability Tax (254)	3,200,657,067
Other Regulatory Liabilities (254)	5,783,960,665
0282100 - Adit: PpandE: Federal Taxes	4,469,424,781
0282101 - Adit: PpandE: State Taxes	294,822,994
Accumulated Deferred Income Taxes Oth Property (282)	4,764,247,775
0283100 - Adit: Other: Federal Taxes	2,126,913,188
0283101 - Adit: Other: State Taxes	203,439,868
Accum Deferred Income Tax Other (283)	2,330,353,056
Total Deferred Credits	14,047,582,709
Total Liabilities and Other Credit	49,599,312,237

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Income Statement	
0440000 - Residential	3,046,135,880
0440990 - Residential Unbilled Rev	(16,098,067)
0442100 - General Service	2,146,307,502
0442190 - General Service Unbilled Rev	1,760,767
0442200 - Industrial Service	1,135,477,259
0442290 - Industrial Svc Unbilled Rev	(178,738)
0444000 - Public St and Highway Lighting	45,689,632
0444990 - Public Street/Highway Unbilled	206,932
0447100 - Sales For Resale - Catawba	17,590,871
0447150 - Sales For Resale - Outside	472,292,902
0447159 - Resale Sales - Outside(Contra)	(572,159)
0448000 - Interdepartmental Sales - Elec	44
0449100 - Provisions For Rate Refunds	(913,903)
0447016 - I/C Joint Disp - Revenue	40,912,052
0449111 - Tax Reform - Residential	48,330,875
Electric Revenue	6,936,941,848
0450100 - Late Pmt and Forf Disc	4,004,899
0450200 - Charge on Returned Checks	396,835
0451100 - Misc Service Revenue	4,498,148
0451200 - Generation Application Fee	(9,234)
0454100 - Extra - Facilities	27,564,916
0454110 - Inter - Connection - Cogeneration	2,284,213
0454200 - Pole and Line Attachments	35,660,100
0454300 - Tower Lease Revenues	7,910,849
0454400 - Other Electric Rents	4,960,573
0454500 - Leased Facilities Fee - Catawba	657,378
0454510 - Rtn & Dep-Joint-Owner Gen Plt	14,794,991
0456100 - Profit Or Loss on Sale of M&S	21,787
0456102 - Distribution Charge - Network	4,384,808
0456103 - Metering - Network	60,535
0456104 - Transmission Charge Network	67,161,771
0456105 - Sched, Sys Cntl, Disp-Network	2,979,503
0456106 - Reactive Pur/Volt Cntl Svc	4,372,648
0456107 - Regulation/Frequency Response	611,491
0456108 - Op Res - Spinning Reserve	1,539,770
0456109 - Op Res - Supplemental Reserve	1,539,770
0456110 - Transmission Charge Ptp	32,130,071
0456300 - Comp For Serv Oth JointOwner	3,867
0456610 - Other Electric Revenues	2,175,954

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0456630 - Gross Up - Contr in Aid of Const	1,431,963
0456640 - Deferred Dsm Costs - Nc	(657,296)
0456700 - Steam Sales Revenue	1,642,725
0456949 - Other Revenue Affiliate	0
0456016 - I/C Joint Disp - Trans NW Rev	(10,864)
0454105 - IC Other Elec Rents	13,918,898
0456000 - Other Variable Revenues	50
0456111 - Other Transmission Revenues	1,534,975
0456001 - Other Variable Revenues-Reg	86,178
0456560 - NC EE Deferred Revenue	(74,775,604)
0456570 - SC EE Deferred Revenue	(10,969,171)
0454004 - Rent - Joint Use	1,991,172
0456050 - Transmission Study Revenue	0
0456392 - Jobs Retention Rider	9,546,749
0456528 - Lincoln CT Siemens Billing	246,896
Other Revenue	163,692,312
Total Electric Revenue	7,100,634,160
Operating Revenues (400)	7,100,634,160
0501110 - Coal Consumed - Fossil Steam	428,535,150
0501310 - Oil Consumed - Fossil Steam	1,264,107
0501330 - Oil Light - Off - Fossil Steam	1,119,252
0509000 - Emission Allowances	2,675
0557450 - Commissions/Brokerage Expense	16,440
0557451 - EA & Coal Broker Fees	9,152
0509213 - RECS Consumption Expense	28,903,071
0501007 - Beneficial Reuse - Coal Ash	2,656,802
0501008 - Contra fuel Exp BR Ash - SC	(670,266)
0501009 - Contra Fuel Exp BR Ash - W/S	18,614
Steam Fossil Production Fuel (500-509)	461,854,995
0547100 - Natural Gas	378,918,900
0547101 - Natural Gas - CC	392,828,920
0547200 - Oil	6,445,340
0547106 - Biogas Expense	3,513,761
0547107 - REC Biogas Contra Expense	(2,450,137)
0547124 - I/C Gas Purchases	2,145,990
0547108 - REC Biogas Contra Expense - SC	(65,124)
Combustion Production Fuel	781,337,650

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0518100 - Burnup of Owned Fuel	259,578,561
0518620 - Canister Design Expense	1,538,887
Nuclear Production Fuel (517-525)	261,117,449
Fuel Used in Electric Generation	1,504,310,094
0555120 - Purchased Power - Other	8,340
0555130 - Purchased Power - Co Generation	43,122,286
0555150 - Purchased Power - Sepa	18,773
0555180 - Interchange	(872,547)
0555181 - Interchange Contra	872,547
0555200 - Interchange Power	88,372,023
0555220 - Interchange Power - Joint Owners	(803,587)
0555230 - JO Negative Generation	(258,387)
0555550 - Purchases Energy Imbalance	(2,883,663)
0555750 - Purchases - Generation Imbalance	2,987,297
0557980 - Retail Deferred Fuel Expenses	(316,480,327)
0555125 - Purchased Power- Renewable	73,398,098
0555135 - SC DERS Purchased Power	3,841,877
0555136 - SC Res Shared Solar Purchase	1
0555145 - Purchased Power - CPRE	(70,000)
Other Power Supply Expense	(108,747,269)
0555016 - I/C Joint Disp - Pur Pwr	206,521,042
Purchased Power (555)	97,773,773
0920000 - A and G Salaries	173,370,934
0921100 - Employee Expenses	3,964,628
0921200 - Office Expenses	10,328,597
0921300 - Telephone and Telegraph Exp	2,383
0921400 - Computer Services Expenses	4,235,471
0921540 - Computer Rent (Go Only)	5,009,127
0921600 - Other	(1,817,248)
0921610 - Inventory Adjustments/Price Co	0
0921980 - Office Supplies and Expenses	72,550,176
0922000 - Admin Exp Transfer	485
0922700 - Admin Exp Transf - Catawba	(35,689,883)
0923000 - Outside Services Employed	61,169,303
0923980 - Outside Services Employee and	2,486,809
0924000 - Property Insurance	163,768
0924050 - Intercompany Property Insurance Exp	4,333,633
0924980 - Property Insurance For Corp.	(9,499,655)
0925200 - Injuries and Damages - Other	162,334
0925300 - Environmental Inj and Damages	(280,587)
0925980 - Injuries and Damages For Corp.	8,929,953
0926000 - Employee Benefits	255,221,719

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0926420 - Employees' Tuition Refund	871
0926430 - Employees'Recreation Expense	43,866
0926600 - Employee Benefits - Transferred	(94,933,331)
0927001 - General and Administration	37,000
0928000 - Regulatory Expenses (Go)	15,704,752
0929000 - Duplicate Chrgs - Enrgy To Exp	(4,699,143)
0930200 - Misc General Expenses	(32,951,829)
0930210 - Industry Association Dues	1,380,476
0930220 - Exp of Servicing Securities	226,661
0930230 - Dues To Various Organizations	1,125,814
0930240 - Director'S Expenses	1,317,892
0930250 - Buy\Sell Transf Employee Homes	1,588,536
0930600 - Leased Circuit Charges - Other	1,631
0930700 - Research and Development	182,765
0930800 - R and D - Alternative Energy	2,074,004
0930940 - General Expenses	55,154
0931001 - Rents - AandG	26,134,757
0931008 - A and G Rents IC	19,426,980
0107888 - CWIP - BU Bal Sht - Svc Co Exp	1,879
0921110 - Relocation Expenses	294
0925000 - Injuries and Damages	1,590,968
0925051 - Intercompany Gen Liab Expense	11,168,530
0930150 - Miscellaneous Advertising Exp	6,055,556
0929500 - Admin Exp Transf	(26,122,725)
0920100 - Salaries & Wages - Proj Supt - NCRC Rec	13,710
0923100 - Outside Svcs Cont -Proj Supt - NCRC Rec	0
0921101 - Employee Exp - NC	3,520
0921102 - Employee Exp - SC	957
0926999 - Non Service Cost (ASU 2017-07)	(79,990,109)
0931003 - Lease Amortization Expense	(261,823)
0920001 - SC O&M Labor Deferral	(20,872)
0926003 - NC Employee Benefits	(542,363)
0926004 - SC Employee Benefits	(48,671)
0920002 - NC O&M Labor Deferral	21,669,758
Admin & General Operation Expenses (920-931)	424,877,407
0546000 - Suprvsn and Enginring - Ct Oper	5,816,882
0547150 - Natural Gas Handling - Ct	570,560
0547300 - Fuel Handling and Testing - Ct	2,976
0548100 - Generation Expenses - Other Ct	757,715
0548020 - Ammonia - Qualifying	480,692
0548200 - Prime Movers - Generators - Ct	4,686,807
0549000 - Misc - Power Generation Expenses	9,244,747

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0550001 - Other Power Gen Op Rents	68,373
0546002 - Supvs and Engineer CT Opt - SC	48,384
Combustion Production Op Expense (546-550.1)	21,677,136
0901000 - Supervision - Cust Accts	264,274
0902000 - Meter Reading Expense	1,151,033
0903000 - Cust Records and Collection Exp	62,324,579
0903100 - Cust Contracts and Orders - Local	7,867,850
0903200 - Cust Billing and Acct	23,703,606
0903250 - Customer Billing - Common	0
0903300 - Cust Collecting - Local	17,879,269
0903400 - Cust Receiv and Collect Exp - Edp	843,566
0903750 - Common - Operating - Cust Accts	301
0904000 - Uncollectible Accounts	24,152,761
0905000 - Misc Customer Accts Expenses	316,249
0904001 - Bad Debt Expense	659,282
0903001 - NC Cust Records & Exp	(17,604,281)
0903002 - SC Cust Records & Exp	(2,215,956)
Customer Account Expenses (901-905)	119,342,534
0909650 - Misc Advertising Expenses	269,563
0910000 - Misc Cust Serv/Inform Exp	11,040,568
0910100 - Exp - Rs Reg Prod/Svces - Cstaccts	3,107,471
0908000 - Cust Asst Exp-Conservation Programs - Rec	520
Customer Service and Information (907-910)	14,418,122
0580000 - Supervsn and Engring - Dist Oper	1,371,079
0582100 - Station Expenses - Other - Dist	2,328,013
0582200 - Relays and Meters - Dist	2,668
0583100 - Overhead Line Exps - Other Dist	151,591
0583200 - Transf Set Rem Reset Test - Dist	1,088,927
0584000 - Underground Line Expenses - Dist	12,205,086
0585000 - St Lghtng and Sgnl Systm - Dist	17,412
0586000 - Meter Expenses - Dist	10,252,838
0587000 - Cust Install Exp - Other Dist	9,833,201
0588100 - Misc Distribution Exp - Other	49,221,435
0589000 - Rents - Dist Oper	40,233
0581004 - Load Dispatch-Dist of Elec	6,340,945
0588301 - Miscellaneous Distribution Exp	726
0588101 - Grid Solutions O&M Deferral	(7,348,101)
0588700 - Intcon Study Costs (D)	1,105,756
Distribution General Expense Other (580-589)	86,611,807

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0535000 - Supervsn and Engrng - Hydro Oper	7,828,085
0537100 - Hydraulic Expenses	161,572
0537400 - Recreation Expenses - Hydro	(1,433,980)
0538100 - Electric Expenses - Other - Hydro	5,374,592
0539000 - Misc Hydraulic Expenses	9,430,035
Hydraulic Production Operating	21,360,304
0517000 - Supervsn and Engrng - Nuc Oper	37,942,892
0518510 - Oil in Aux Stm Gen Fac - Nuc Opr	811
0518530 - Diesel Unit Oil Cons - Nuc Oper	344,155
0519000 - Coolants and Water - Nuc Oper	7,489,155
0520000 - Steam Expenses - Nuc Oper	36,864,755
0523000 - Electric Expenses	20,618,553
0524000 - Misc Expenses - Nuc Oper	164,692,433
0524400 - Misc Expenses-Nuc Oper - Recoverable	197
0524410 - Nuclear Misc Expense - NCRC Rec	8,998
0517001 - Sup and Engineer - NC	94,214
0517002 - Sup and Engineer - SC	32,500
0519001 - Coolants and Water Nuc Op - NC	12,346
0519002 - Coolants and Water Nuc Op - SC	4,298
0520001 - Steam Exp Nuc Op - NC	888,701
0520002 - Steam Exp Nuc Op - SC	305,011
0523001 - Electric Exp - NC	313,505
0523002 - Electric Exp - SC	107,536
0524001 - Misc Exp Nuc - NC	208,753
0524002 - Misc Exp Nuc - SC	71,519
Nuclear Production Operating Expense (517-525)	270,000,335
0557000 - Other Expenses - Oper	111,234,129
0401100 - Non-reg Operation Expense	0
0556000 - System Cnts & Load Dispatching	16,539
Other Expenses (557)	111,250,667
0912000 - Demonstrating and Selling Exp	17,000,912
0911000 - Supervision	2,005
0913001 - Advertising Expense	347,428
0916000 - Miscellaneous Sales Expense	287,978
0912200 - EV Employee Incentive	0
Sales Expense (911-917)	17,638,322

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0500000 - Suprvsn and Engrg - Steam Oper	10,740,984
0501150 - Coal Handling	6,760,881
0501160 - Coal Sampling and Testing	8,402
0501180 - Sale of Fly Ash - Revenues	(573,721)
0501190 - Sale of Fly Ash - Expenses	3,488,403
0502040 - Cost of Lime	13,020,877
0502100 - Fossil Steam Exp - Other	17,889,511
0505000 - Electric Expenses - Steam Oper	6,291,489
0506000 - Misc Fossil Power Expenses	9,836,774
0502020 - Ammonia - Qualifying	2,629,120
0502030 - Urea - Qualifying	389,401
0502070 - Gypsum - Qualifying	6,443,834
0502080 - Mag Hydroxide Qualifying Reag	932,897
0502090 - Calcium Carbonate	582,066
0500100 - Fossil Oper Superv&Engineer-Recoverable	0
0502410 - Steam Oper-Bottom Ash/Fly Ash FL	1,398
0502082 - Re-emission Chem Exp - Reagent	316,690
0502083 - Activated Carbon Exp - Reagent	358,930
Steam Production Operating (500-509)	79,117,934
0560000 - Supervsn and Engrng - Trans Oper	18,921
0561100 - Load Dispatch - Reliability	1,489,407
0561200 - Load Dispatch - MnitrandOprtrnsys	8,825,339
0561300 - Load Dispatch - TranssvcandSch	364,119
0561500 - Reliability Planning and Stdsdev	266,364
0561600 - Trans Svc Studios	(28,347)
0561700 - Intcon Study Costs (T)	332,903
0562000 - Station Expenses	2,842,461
0563000 - Overhead Line Expenses - Trans	804,165
0565000 - Transm of Elec By Others	360,813
0566000 - Misc Trans Exp - Other	9,751,424
0566100 - Misc Trans - Trans Lines Related	151,672
0567000 - Rents - Trans Oper	161,672
0565016 - I/C Joint Disp - Trans NW Exp	2,952,562
0561601 - Trans Study Reimbursement	28,920
0561701 - Intcon Study Costs Reimb (T)	(331,349)
Transmission Operating Expense (560-567)	27,991,046
Other Operation	1,194,285,616
0807000 - Gas Purchased Expenses	0
0870000 - Distribution Sys Ops - Supv/Eng	218
0852000 - Communication System Expenses	(1,800)
Gas Operating Expenses	(1,582)
Operation Expenses (401)	2,796,367,900

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0403500 - Depr of General Plant	63,357,316
0403100 - Depr of Steam Prod Plant	328,428,393
0403200 - Depr of Hydro Prod Plant	48,048,698
0403300 - Depr of Transm Plant	87,760,015
0403400 - Depr of Distribution Plant	306,410,216
0403600 - Depr of Comb Turb Plant	116,133,362
0403700 - Depr of Nuc Prod Plant	219,214,567
0403201 - Depr Hydro Prod Plnt - Sec 124	75,677
0403850 - Deferral of Depr. Exp. - Solar	(1,093,382)
0403501 - SC EDP Depreciation Expense	(7,452,249)
0403111 - Depr Steam Prdn Plt- SC	(955,043)
0403211 - Depr of Hydro Prod - SC	(4,963)
0403311 - Depr Transm Plt - SC	(1,168,036)
0403410 - Depr Distribn - NC	(514,172)
0403411 - Depr Distribn - SC	(2,521,441)
0403350 - IC Lease - Depr of CT Plant	31,434,498
0403103 - Lease-Depr In rate base Plant	2,744,687
0403360 - Lease-Depr In rate base Plt IC	(23,924,137)
Electric Depreciation	1,165,974,006
0403610 - Depr Cmb Turbine - NC	525,414
0403611 - Depr Cmb Turbine - SC	208,228
0403711 - Depr Nuc Product - SC	3,752,182
0403110 - Depr Steam Prdn Plt - NC	2,847,922
0403602 - Rotable Fleet Spare Amort	(192,010)
Depreciation Expenses (403)	1,173,115,743
0404100 - Amor of Limited Term Elec Plt	119,617
0404200 - Amort of Elec Plt - Software	69,550,347
0404400 - Franchise Amortization	1,615,880
Amort of LT Term Elec Plt	71,285,844
Amortization and Depletion of Utility Plant (404-405)	71,285,844
0407382 - Retired Plant Amort - Whlsle	332,666
0407381 - Retired Plant Amort - Retail	4,700,773
0407102 - Harris COLA Amort - Retail	39,227,869
0407101 - Harris COLA Amort - Wholesale	1,165,988
Amortization of Prop Loss, Unrecov Plant and Reg Strudy Cost (407)	45,427,295

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0407313 - Amortization of CWDCC	120,038
0407305 - Regulatory Debits	1,256,963
0407360 - CPRE REPS Rider NC Retail	3,371,627
0407350 - REPS Rider NC Retail	3,183,981
0407351 - REPS Rider NC Whse	182,573
0407302 - ABSAT Return Amort	9,484,791
0407352 - REPS Rider NC Retail-Cert	30,909,194
0407353 - REPS Rider NC Whse-Cert	2,251,387
0407391 - SC Storm Reserve Accrual	8,901,894
0407324 - NC & MW Coal As Amort Exp	130,521,256
0407340 - SC Grid Amort	1,015,238
0407325 - SC & FL Coal Ash Amortization	17,524,961
0407326 - Wholesale Coal Ash Amort Exp	20,844,062
0407327 - Unbillable Coal Ash Expense	1,341,761
0407342 - Nuclear Fuel - Last Core Amort	2,673,374
0407375 - M&S Inv LOL Reserve Amort	10,314,144
0407344 - Buck/Bridgewater Amort-SC	581,964
0407347 - Cliffside 6 Amort-SC	464,160
0407362 - Dan River Amort-SC	810,852
0407364 - Oconee HELB Amort - SC	54,768
0407366 - McGuire Uprate Amort-SC	177,408
0407369 - Buck Retired Plant Amort-NC	519,576
0407393 - Amort Debt Ret-SC	907,332
0407394- Amortization Customer Connect	4,201,705
0407398 - ECIT Rider Amortization	(10,180,218)
0407115 - Meter Amortization	11,763,852
0407388 - COR Settlement Amortz - NC	2,042,113
0407300 - COR Settlements Amort-SC	1,678,648
0407447 - Lee CC Amort-NC Equity	1,186,193
0407448 - Lee CC Amort-NC Debt Ret	414,107
0407449 - Amort Levelized Ret LeeCC	305,645
0407455 - Lee CC Amort SC	(585,328)
0407501 - EDIT Rider Amort - NC Retail	(17,649,149)
Regulatory Debits (407.3)	240,590,871
0411603 - Gain on Asset Ret Obligation	(1,161)
Gains from Disposition Utility Plant (411.6)	(1,161)
0411700 - Losses - Disposition Utility Plt	699,120
Losses from Disposition Utility Plant (411.7)	699,120
0411822 - SO2 Sales Proceeds	0
0411875- Annual NOx Proceeds	0
Gains from Disposition of Allowances (411.8)	0
0411051 - Accretion Expense - ARO Ash Pond	1,440,319

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Accretion Expense (411.10)	1,440,319
0407450 - NC Amort of Retail REC Exp	(27,844,801)
0407451 - NC Amort of Whse REC Exp	(1,058,269)
0407700 - SC DERP Amortization	370,356
Regulatory Credits (407.4)	(28,532,715)
0403150- Depreciation Expense ARO	0
0403151 - Depreciation Expense - ARO Ash	4,435,886
Depreciation Expense for Asset Retirement Costs (403.1)	4,435,886
Depreciation and Amortization	1,508,461,202
0510000 - Suprvsn and Engrng - Steam Maint	10,970,589
0511000 - Maint of Structures - Steam	15,242,880
0512100 - Maint of Boiler Plant - Other	30,683,997
0513100 - Maint of Electric Plant - Other	11,917,580
0514000 - Maintenance - Misc Steam Plant	3,357,160
0510100 - Suprvsn and Engrng-Steam Maint - Rec	422,398
0514300 - Maintenance - Misc Steam Plant	0
0510002 - Deferred O&M - SC	45,720
Steam Production Maintenance (510-515)	72,640,324
0541000 - Suprvsn and Engrng - Hydro Maint	2,581,470
0542000 - Maint of Structures - Hydro	670,833
0543000 - Maint - Reservoir Dam and Waterway	3,528,982
0544000 - Maint of Electric Plant - Hydro	5,021,121
0545100 - Maint - Misc Hydraulic Plant	2,241,784
0545400 - Recreation Facilities - Hydro	983,939
Hydro Production Maintenance (541-545.1)	15,028,129
0569000 - Maint of Structures - Trans	504,747
0569100 - Maint of Computer Hardware	74,394
0569200 - Maint of Computer Software	3,036,301
0570100 - Maint Stat Equip - Other_Trans	744,331
0570200 - Main - Cir Brkrs Trnsf Mtrs - Trans	7,673,251
0571000 - Maint of Overhead Lines - Trans	14,982,175
0573000 - Maint of Misc Transm Plant	392
0572000 - Maintenance of Underground Lines	(57,262)
0571001 - Transmission O&M Deferral SC	(1,351)
Transmission Maintenance (568-574)	26,956,978
0590000 - Supervsn and Engrng - Dist Maint	1,852,495
0592100 - Maint Station Equip - Other - Dist	391,564
0592200 - Cir Brkrs Trnsf Mtrs Rely - Dist	3,728,311
0593000 - Maint Overhd Lines - Other - Dist	69,377,330
0593100 - Right - Of - Way Maintenance - Dist	72,997,551
0594000 - Maint - Underground Lines - Dist	10,473,233
0595100 - Maint Lines Transfrs - Other - Dist	1,077,721

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0595200 - Cir Brkrs Transf Capcitr - Dist	1,419,680
0596000 - Maint - Streetlightng/Signl - Dist	12,064,849
0597000 - Maintenance of Meters - Dist	2,166,269
0598100 - Main Misc Dist Plt - Other - Dist	1,016,422
0591000 - Maintenance of Structures - Dist	607
Distribution General Expense Maintenance (590-598)	176,566,032
0551000 - Suprvsn and Enginring - Ct Maint	5,221,418
0552000 - Maintenance of Structures - Ct	6,428,872
0553000 - Maint - Gentg and Elect Equip - Ct	9,225,911
0554000 - Misc Power Generation Plant - Ct	5,514,878
0554100 - Other Production Maintenance	18,135
0553100 - CT Maint of Gen and Plant-Recoverable	2,037
Combustion Production Maintenance (551-554.1)	26,411,251
0528000 - Maint Suprvsn and Enginrng - Nuc	46,151,803
0529000 - Maintenance of Structures - Nuc	6,394,062
0530000 - Maint of Reactor Plt Equip - Nuc	63,275,470
0531100 - Maint Electric Plt - Other - Nuc	34,825,504
0532100 - Maint Misc Nuclear Plt - Other	39,733,475
0528001 - Main Sup and Eng Nuc - NC	1,317,165
0528002 - Main Sup and Eng Nuc - SC	450,677
0529001 - Main of Structure Nuc - NC	566,529
0529002 - Main of Structure Nuc - SC	194,480
0530001 - Main Reactor Plt Eq Nuc - NC	977,751
0530002 - Main Reactor Plt Eq Nuc - SC	335,937
0531101 - Main Elect Plt Other Nuc - NC	1,456,220
0531102 - Main Elect Plt Other Nuc - SC	499,159
0532101 - Main Misc Nuc Plt - NC	1,142,732
0532102 - Main Misc Nuc Plt - SC	397,511
Nuclear Production Maintenance (528-532)	197,718,475
0935100 - Maint General Plant-Elec	1,405,934
0935200 - Cust Infor and Computer Control	4,321
0932000 - Maintenance of General Plant	2,123
Admin General Expense Maintenance (935)	1,412,378
0402000 - Maintenance Expense	12,207
Gas Production Maintenance Expenses	12,207
0551220 - Solar: Maint Supv & Eng	0
0553220 - Solar: Maint Gen & Elect Plt	0
0554220 - Solar: Maint Misc Gen Plt	383,001
Solar Maintenance Expense	383,001
Maintenance Expenses (402)	517,128,775
0408000 - NC Property Tax - Electric	107,683,943
0408050 - Municipal License-Electric	75

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0408100 - Franchise Tax - Electric	235,598
0408150 - State Unemployment Tax	856,625
0408151 - Federal Unemployment Tax	436,457
0408152 - Employer FICA Tax	66,346,780
0408200 - NC Industrial Comm - Electric	174,828
0408360 - SC Property Tax - Electric	140,937,213
0408460 - SC Kwh Power Gen Tax - Electric	9,348,059
0408470 - Franchise Tax	35,637,198
0408620 - SC Greenwood Tax - Electric	163
0408800 - Federal Highway Use Tax - Elec	0
0408960 - Allocated Payroll Taxes	(27,739,888)
0408120 - Franchise Tax - Non Electric	12
0408205 - Highway Use Tax	0
0408851 - Sales and Use Tax Exp	(13,469,551)
0408153 - Employer Local Tax	33,000
0408123 - Deferred Property Tax - NC	96,602
0408124 - Deferred Property Tax - SC	5,403
0408963 - NC Alloc Payroll Tax	(158,592)
0408964 - SC Alloc Payroll Tax	(14,170)
Taxes Other Than Income Taxes (408.1)	320,409,756
Total Operating Expense Before Income Taxes	5,142,367,632
0409190 - Federal Income Tax - Electric CY	269,362,369
Federal Income Tax - Electric CY	269,362,369
0409191 - Federal Income Tax - Electric PY	(16,454,362)
0409195 - UTP Tax Expense: Fed Util-PY	0
Federal Income Tax - Electric PY	(16,454,361)
Income Taxes Federal (409.1)	252,908,008
0409102 - SIT Exp - Utility	30,139,061
0409104 - Current State Income Tax - PY	(2,421,232)
Income Tax - Other (409.1)	27,717,829
0410100 - Dfit: Utility: Current Year	1,017,389,346
0410102 - Dsit: Utility: Current Year	522,496,817
0410105 - Dfit: Utility: Prior Year	59,286,988
0410106 - Dsit: Utility: Prior Year	4,500,558
0410130 - UTP DFIT:Utility:PY	1,365,752
0410131 - UTP DSIT:Utility:PY	1,634,133
Provision for Deferred Income Taxes	1,606,673,593

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0411100 - Dfit: Utility: Curr Year Cr	(951,336,091)
0411101 - Dsit: Utility: Curr Year Cr	(602,908,875)
0411102 - Dfit: Utility: Prior Year Cr	(55,476,236)
0411103 - Dsit: Utility: Prior Year Cr	(4,111,363)
0411115 - DFIT: Federal Excess DIT Amort	(196,892,811)
Provision for Deferred Income Tax Credit	(1,810,725,377)
Provision for Deferred Income (410.1)	(204,051,783)
0411410 - Invest Tax Credit Adj - Electric	(3,959,622)
Investment Tax Credit Adjustment Net (411.4)	(3,959,622)
Total Income Taxes On Operating Income	72,614,432
Total Utility Operating Expenses	5,214,982,064
Net Utility Operating Income	1,885,652,096
0416330 - Miscellaneous Expense	11,733
Costs and Exp. of Merchandising Job and Contract Work (416)	11,733
4181107 - Earnings of Sub	0
Equity in Earnings of Subsidiary Companies (418.1)	0
0419240 - Miscellaneous Interest	3,576,830
0419429 - IC Moneypool - Interest Inc	24,934
0419040 - Interest Inc (sch M)	70,136
Interest and Dividend Income (419)	3,671,900
0419110 - AFUDC Equity Component	65,129,106
Allowance for Other Funds Under Construction (419.1)	65,129,106
0418200 - Non - Util - Depreciation Expense	(4,093,218)
Non Operating Rental Income (418)	(4,093,218)
0421310 - Sundry Revenues	2,590
0421340 - Gain on Life Insurance Policy	342,482
0421640 - Return on Deferred Dsm - Nc	1,692,474
0421650 - Return on Deferred Dsm - Sc	540,848
0421910 - NC Ret on BPM Sharing	120,617
0421940 - Misc Income	23,124,297
0421032 - Equity Return - Deferred Project	9,821,092
0421660 - Return on Deferred Solar	179,040
0421060 - MINI-TIMBER SALES-NC	281,928
0421315 - Return on Equity - Coal Ash Sp	8,661,956
0421048 - SH Coal Ash Insurance Proceeds	76,550,755
Miscellaneous Nonoperating Income	121,318,078
0421100 - Gain on Disposal of Property	2,129,676
0421114 - Gain/Loss on Leases	0
Gain On Disposal Of Property	2,129,676

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<u>Account-Account Description</u>	<u>December 31, 2021</u>
0417310 - Products and Svcs - NonReg	29,064,069
0417000 - Misc Revenue	617,608
0417007 - Misc Revenue-Reg	123,607
0417009 - Joint Owner Fees	13,249,989
Revenues from Nonutility Operations (417)	43,055,272
0417320 - Exp - Unreg Products and Svcs	20,106,907
0417117 - Expenses of Nonutility Oper	0
Expenses of Nonutility Operations (417.1)	20,106,907
Total Expense - Nonutility Operations	(22,948,365)
Other - Net	142,302,902
Total Other Income	211,092,176
0421200 - Loss on Disposal of Property	(423,888)
Loss on Disposition of Property (421.2)	(423,888)
0425000 - Miscellaneous Amortization	3,001
Miscellaneous Amortization (425)	3,001
0426100 - Donations	6,638,873
0426101 - BPM Donations	588,460
Donations (426.1)	7,227,333
0426200 - Life Insurance Expense	(211,481)
Life Insurance (426.2)	(211,481)
0426300 - Penalties	521,500
Penalties (426.3)	521,500
0426400 - Exp/Civic and Political Activity	7,728,674
Exp. For Certain Civic, Political and Related Activity (426.4)	7,728,674
0426510 - Other	3,807,773
0426508 - Inc Deduction-Other Inc & Exp	2,495
Other Administrative Expense Affiliate	3,810,268
0426540 - Employee Service Club Dues	690
Employee Service Club Dues	690
0426551 - Impairment and Other Rel Chgs	154,951,419
0426553 - PpandE Impairments	72,078,012
Other Deductions (426.5)	230,840,389
Other Income Deductions	246,109,417
Total Other Income Deductions	245,685,529
0408040 - NC Property Tx - Misc NonUtility	351,192
0408400 - SC Property Tx - Misc NonUtility	(1,002,948)
Taxes Other than Income Taxes (408.2)	(651,756)

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DUKE ENERGY CAROLINAS, LLC
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<u>Account-Account Description</u>	<u>December 31, 2021</u>
0409220 - Federal Income Tax - NonUtility CY	(10,166,888)
0409221 - Federal Income Tax - NonUtility PY	(1,294,059)
Income Taxes - Federal (409.2)	(11,460,948)
0409233 - Tax expense - state nonutility - PY	(106,846)
NC Income Tax - Nonutility	(106,846)
0409202 - State Income Tax NonUtility	(4,230,581)
GA Income Tax - Nonutility	(4,230,581)
Income Tax Non Utility (409.2)	(4,337,427)
Income Taxes - Non Utility (Deduction)	(15,798,375)
0410240 - Dfit: Non - Utility: Curr Year	8,118,736
0410241 - Dfit: Non - Utility: Prior Yr Cr	1,489,970
0410242 - Dsit: Non - Utility: Curr Year	1,185,421
0410243 - Dsit: Non - Utility: Prior Year	215,890
Provision for Deferred Income Taxes (410.2)	11,010,016
0411240 - Dfit: Non - Utility: Curr Yr Cr	(14,478,508)
0411241 - Other Deferred Taxes PY	(9,002)
0411242 - Dsit: Non - Utility: Curr Yr Cr	(2,114,014)
0411243 - Dsit: Non - Utility: Prior Yr Cr	(55,501)
Provision for Deferred Income Tax Credit (411.2)	(16,657,025)
Provision for Deferred Income Tax (Non Utility)	(5,647,009)
Total Taxes on Other Income and Deductions	(22,097,139)
Net Other Income and Deductions	(12,496,214)
Gross Income	1,873,155,882
0428025 - Amortization of Debt Discount	1,799,300
0428100 - Amort of Debt Discount and Exp	5,300,183
0428021 - Amort of Deferred Debt Exp	904,599
Amortization of Debt Discount and Exp (428)	8,004,083
0428165 - Amort on Loss of Reaquired Debt	6,403,404
Amortization of Loss on Reaquired Debt (428.1)	6,403,404
Total Amortization of Debt Discount and Loss	14,407,487
0429000 - Amort of Premium on Debt - Cr	(107,287)
Amortization on Premium of Debt-Credit (429)	(107,287)
0430216 - IC Moneypool - Interest Exp	998,262
Interest on Debt to Associated Companies (430)	998,262

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<u>Account-Account Description</u>	<u>December 31, 2021</u>
0431100 - Int Accrued/Cust Deposits - Nc	5,651,568
0431200 - Int Accrued/Cust Deposits - Sc	255,489
0431400 - Int/Other Notes and Acct Pay	33,405
0431520 - Int/Cat Buyer Advances	663,222
0431710 - Int Exp on Revenue Refunds	850,613
0431900 - Interest Expense Other	25,533,622
0431130 - Interest Exp - Capital Lease	6,336,540
0431550 - Interest Exp-Assign From Svc	281,412
0431011 - Debt Return - Deferred Projects	13,199,786
0431000 - Int Exp - Taxes	342
0431315 - Coal Ash Spend - Debt Return	(8,788,519)
0431360 - Interest Exp - Cap Lease (IC)	26,400,899
Other Interest Expense (431)	70,418,380
Other Interest	71,416,642
0432000 - AFUDC Debt Component	(28,714,347)
Allowance for Borrowed Funds Used During Construction - CR(432)	(28,714,347)
0427100 - Interest on Bonds	479,560,490
Interest on LT Debt	479,560,490
Total Interest on Long - Term Debt (427)	479,560,490
Net Interest Charges	536,562,985
Income Before Extraordinary Items	1,336,592,897
FERC Net Income	1,336,592,897

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Item No. 3

☐ **CONFIDENTIAL**

☒ **NOT CONFIDENTIAL**

Request:

a. Provide the balance in each total company current asset account and each current liability account and subaccount included in the applicant's chart of accounts by months for the test year. Additionally, show total current assets, total current liabilities, and net current position (current assets less current liabilities) by months and average (13 month) for the test year. Provide a reconciliation of total company current assets, current liabilities and net current position as shown on the total company balance sheet for each month of the test year.

Response:

Please see attached file "DEC NC E1-3 Current Assets and Liabilities.xlsx".

Account & Description	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021
CURRENT AND ACCRUED ASSETS													
0131100 - Cash - Various Banks	152,809,702	71,148,191	41,044,138	11,363,110	25,035,828	21,205,300	-	9,244,432	-	23,731,657	59,459,652	24,982,469	122,517,435
0131163 - Cash PNC 0959	-	-	-	-	-	13	-	-	-	-	-	-	-
0131227 - Cash Wells 0020 PEC	-	-	-	-	-	-	-	-	-	-	-	-	-
0131261 - Cash JPM 4638 DERF-DEC	-	-	-	100,000	13,485,253	22,934,579	26,774,677	9,998,024	34,693,946	(4,430,957)	(16,896,148)	(4,580,246)	(7,674,040)
0131267 - Cash JPM 4570 DEC	-	-	-	-	(1,427,515)	(1,949,130)	(1,708,236)	(1,985,635)	(2,309,131)	(3,022,161)	(2,954,193)	(4,505,698)	(13,579,236)
0131300 - Retail Branch/Cash Collections	624	10,802	10,757	1,604,175	1,604,175	1,604,175	1,604,175	1,604,175	1,604,175	1,604,175	1,604,175	1,604,175	1,604,175
0131315 - Cash - DPCBIS - Bank of Travelers Rest	26,342	26,342	26,342	26,342	26,342	26,342	26,342	26,342	26,342	26,342	26,342	26,342	26,342
0131324 - Cash-DPCBIS-Chase-ACHRcpts	(5,937,346)	(5,922,542)	(5,975,093)	(6,152,817)	(6,319,752)	(7,137,454)	(7,289,317)	(7,365,182)	(7,533,981)	(7,673,328)	(8,938,595)	(9,084,098)	(9,245,384)
0131325 - Cash - DPCBIS - Chase - Ctwba Wires	5,135,159	5,142,899	5,371,494	5,001,458	3,680,771	3,681,342	4,446,912	4,446,912	4,446,912	4,446,912	4,446,912	4,446,912	4,446,912
0131326 - Cash-DPCBIS-WachoviaRecpts	1,722,826	1,747,637	1,878,117	30,479	42,147	42,339	42,339	42,339	42,339	42,339	42,339	42,339	43,064
0131327 - Cash - DPCBIS - BoFA - Receipts	13,548,872	16,607,442	16,117,880	8,904,623	16,926,448	17,327,985	16,526,117	18,357,731	14,067,618	17,961,960	(183,699)	8,548,636	4,638,126
0131329 - Cash - DPCBIS - BoFA - CreditCard	4,328,186	3,856,481	4,170,983	10,938	10,938	10,488	10,488	10,488	10,488	10,488	10,488	10,488	10,488
0131351 - Cash - Chase - General	(45,246,009)	(59,981,240)	(32,627,639)	(6,219,998)	(28,537,706)	(36,894,499)	(5,163,539)	(13,148,422)	(6,336,963)	(11,105,410)	(30,807,932)	(6,750,827)	(36,929,618)
0131352 - Cash - Chase - Bpm	-	-	-	-	-	-	3,550,000	1,540,000	-	-	-	-	-
0131354 - Cash-Wachovia-General	730,400	774,587	692,139	688,133	679,127	1,359,097	739,876	740,480	631,761	659,185	1,483,232	606,318	633,417
0131355 - Cash-Wachovia-MARBS	68,819	93,535	62,686	62,964	83,299	63,206	94,623	116,411	76,243	87,165	69,168	83,562	67,705
0131359 - Cash - BoFA - GeneralAcct	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,825	100,825	100,825	100,000	100,000	100,000
0131367 - Inactive - Cash - CCB Ener Products Loan	-	-	-	-	-	-	-	-	-	-	-	-	-
0131376 - Cash - Wachovia - DCS	(0)	(1,574)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
0131377 - Cash - Chase - Control Disburs	(106,761,506)	(10,387,308)	(7,812,900)	(4,091,753)	(5,916,880)	(1,840,136)	(4,303,043)	(2,730,129)	(2,129,641)	(1,946,713)	(4,236,487)	(4,508,512)	(59,536,069)
131 Cash	20,526,070	23,215,253	23,058,904	11,427,655	19,472,477	20,533,646	35,451,414	20,998,792	37,390,932	20,492,481	3,225,257	11,021,861	7,123,317
0135200 - Wk Funds - Branch Managers	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
135 Working Funds	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
0136100 - Tax: AFS: Purchased Cost Basis	-	-	-	-	-	-	-	-	-	-	-	-	-
0136103 - Sch M: AFS: OCI mirror	-	-	-	-	-	-	-	-	-	-	-	-	-
0136105 - Tax AFS Purch cost recls to LT	-	-	-	-	-	-	-	-	-	-	-	-	-
0136106 - Sch M: AFS: FV reclass to LT	-	-	-	-	-	-	-	-	-	-	-	-	-
0136200 - Short-Term Investment	-	-	-	-	-	-	-	-	-	-	-	-	-
136 Temporary Cash Investments	-	-	-	-	-	-	-	-	-	-	-	-	-
0141000 - Notes Receivable (I)	-	-	-	-	-	-	-	-	-	-	-	-	-
0146022 - Intero Notes Receivable LT	-	-	-	-	-	-	-	-	-	-	-	1,186,050	-
141 Notes Receivable	-	-	-	-	-	-	-	-	-	-	-	1,186,050	-
0142010 - Accounts Receivable	-	-	-	453	453	453	453	453	453	453	453	453	-
0142011 - Accounts Receivable Other	279,820	315,955	354,900	371,203	280,762	264,005	148,384	227,730	320,052	137,276	181,136	140,022	137,136
0142050 - Transmission Billing	9,229,290	8,942,893	8,901,138	9,005,220	8,356,562	8,605,414	10,168,881	10,166,133	11,118,735	9,706,791	10,194,887	10,445,811	11,032,520
0142200 - Cust Acct - Edp	453,173,187	524,412,828	481,252,228	397,675,209	479,070,145	469,973,680	523,828,058	647,085,584	658,276,046	676,468,261	617,383,625	578,292,219	622,381,639
0142210 - Acct Rec - D/FD EPP	(23,114,807)	(16,401,566)	(11,415,379)	(11,916,261)	(11,916,261)	(11,916,261)	(11,916,261)	(11,916,261)	(11,916,261)	(11,916,261)	(11,916,261)	(11,916,261)	(11,916,261)
0142231 - Current BPM Sharing Receivable	(5,951,535)	(5,560,172)	(5,472,329)	(5,248,428)	(5,177,832)	(5,083,849)	(5,067,755)	(5,256,534)	(5,443,465)	(5,814,444)	(6,116,582)	(6,554,294)	(6,865,438)
0142300 - Cust Acct - Cash Not Posted - Edp	(3,132,965)	28,286,588	27,658,037	(4,854,300)	(4,878,681)	(5,438,623)	(5,836,720)	(5,900,074)	(5,967,618)	(6,109,443)	(6,353,270)	(6,226,273)	(6,441,687)
0142310 - Draft Exceptions	82	82	-	(250)	(250)	(250)	(250)	(250)	(250)	(250)	(250)	(250)	(250)
0142430 - AR Wholesale Billed	-	-	-	-	-	-	-	-	301,722	-	18,582,825	-	0
0142440 - A/R BPM - Actual	(0)	(0)	(70,245)	(19,553)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
0142450 - A/R - Cogeneration	100	2,558	(2,980)	(9,294)	(2,560)	(2,560)	-	-	-	-	-	-	-
0142490 - Customer Strategy Financing (I)	-	-	-	-	-	-	-	-	-	-	-	-	-
0142801 - A/R-Passport Interface	24,787,814	27,642,013	23,121,717	22,936,089	21,363,222	21,918,479	22,500,361	22,918,621	23,325,405	24,149,622	24,798,149	24,877,353	25,542,009
0142802 - A/R - Gas	-	123,970	492,698	1,183,055	3,221,524	4,118,177	9,894,270	13,961,390	17,250,539	31,114,180	15,133,392	11,442,445	5,313,089
0142830 - A/R-Merch/Jobb/Contract Work	1,628,847	1,153,951	952,440	599,333	1,194,445	1,192,398	1,734,008	1,363,653	1,641,972	1,754,961	1,733,740	2,194,092	2,307,489
0142970 - A/R - ENRB Holding Account	(399,756)	(325,919)	(285,540)	(228,433)	(171,325)	(114,217)	25,025,294	(17,140,528)	(15,552,354)	(13,966,297)	(12,429,709)	(10,945,354)	9,789,332
0142997 - A/R BPM - Estimate	-	-	916,436	41,271	108,358	59,110	29,934	22,450	53,688	85,786	297,985	335,895	-
142 Customer Accounts Receivable	456,500,076	568,593,181	526,403,121	409,535,315	491,448,561	483,575,956	570,508,657	655,532,366	673,408,664	705,610,635	651,490,120	592,085,858	651,279,578
0142999 - AR Estimate Unbilled	40,798,950	37,446,664	34,852,643	32,946,731	31,606,935	32,630,584	1,328,607	34,681,985	35,162,351	31,998,889	(1,993,747)	32,107,794	32,107,166
0143011 - A/R - Other - Gen Acctg	1	1	1	1	1	1	1	1	1	47,018,452	1	1	2,968,505
0143022 - A/R Byproducts	33,368	89,068	775	71,528	408,542	257,913	672,096	487,757	382,270	555,456	724,583	728,042	904,134
0143023 - A/R Byproducts - Gypsum	11,549	24,316	13,674	-	(2,750)	(6,750)	1,111	-	-	-	-	-	-
0143052 - State Interconnect Receivab LT	-	-	-	-	-	-	2,300,593	2,300,593	2,300,593	308,733	308,733	308,733	308,733
0143068 - Parking Funding Receivable	-	-	-	-	-	-	-	-	-	-	-	-	-
0143110 - Misc A/R - Clearing	42,563,040	42,563,040	42,563,040	16,709,802	16,709,802	16,709,802	19,328,900	21,218,947	21,218,947	25,892,809	11,552,905	11,552,905	65,300,485
0143119 - Off - System Storms Receivables	3,622,405	3,622,558	3,646,034	(43,612)	(28,007)	(17,968)	(17,538)	(17,175)	(17,175)	13,592	73,591	1,881	1,881
0143130 - Misc A/R - Stores	913	34,705	95,011	147,196	61,098	78,799	93,793	(4,196)	(1,189)	676,202	603,863	238,911	(152,783)

Account & Description	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021
0143151 - Other A/R-Misc Non-Utility	-	-	-	-	-	-	-	-	-	-	-	-	-
0143155 - Other A/R - Miscellaneous	153,764,285	146,716,153	111,909,944	17,918,785	86,092,865	116,469,412	128,496,270	13,764,296	34,136,094	95,059,045	108,588,284	90,087,390	101,398,973
0143180 - Ret Med Life Den/Prem Withheld	428,729	428,617	427,093	426,170	423,239	422,972	423,212	420,355	418,862	417,438	416,589	416,660	413,919
0143221 - LT Asset: Interest Receiv	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
0143222 - LT Tax Reclass Fed Dr	2,587,106	2,587,106	2,587,106	2,587,106	2,587,106	2,587,106	2,587,106	2,587,106	2,587,106	2,587,106	2,587,106	2,587,106	2,587,106
0143230 - Pole Attach Rental - Sou Bell	6,090,050	11,168,026	11,296,180	12,132,318	14,355,550	15,522,636	16,082,494	19,246,194	21,705,983	23,754,101	23,888,568	27,036,948	9,698,844
0143271 - Misc Accts Rec Fuel	-	-	-	-	-	-	-	-	202	202	202	202	-
0143272 - Misc Accts Rec-EA	(9,000)	(9,000)	(9,000)	(9,000)	(9,000)	(9,000)	(9,000)	(9,000)	(9,000)	(9,000)	(9,000)	(9,000)	(9,000)
0143290 - Misc Coal A/R	-	-	-	-	-	-	-	-	-	-	-	-	-
0143320 - Mar Billed - Edp	35,740,393	29,925,298	40,284,145	21,982,176	15,602,322	9,634,749	7,058,731	10,657,280	7,940,495	6,403,217	6,900,538	10,144,047	28,371,022
0143341 - Accounts Receivable - Joint Owners	(59,620)	770,878	1,053,935	186,906	367,595	112,683	(18,616)	716,460	836,876	606,525	1,867,259	1,018,332	5,979,306
0143710 - Accrued Power Agency Rec	(64,426,484)	(62,921,286)	(49,208,281)	-	(35,718,910)	(52,455,165)	(60,538,309)	-	-	(36,453,401)	(30,346,802)	(34,742,331)	(35,253,235)
0143720 - Accrued Power Agency Rec - IA	(1,007)	(996)	(1,058)	(920)	(828)	(1,240)	(1,037)	(1,236)	(1,107)	(1,065)	(1,208)	(1,132)	(1,151)
0143730 - Accrued Ncemic Receivable	(35,912,316)	(34,514,805)	(23,256,963)	-	(11,519,852)	(24,306,302)	(36,747,700)	-	-	(19,373,852)	(14,409,438)	(18,129,542)	(22,817,884)
0143735 - A/R CJO Special Projects	4,647,375	4,607,149	-	-	-	1,436,575	1,416,490	190,555	1	1	1	1	-
0143740 - Accrued Ncemic Receivable - IA	2,969	2,969	2,900	3,085	3,207	2,658	2,929	(1,108,107)	-	(1,425,243)	(1,584,115)	(1,742,695)	(1,901,403)
0143770 - Accrued Pmpa Receivable	(10,297,049)	(9,897,777)	(5,325,738)	-	(411,130)	(5,711,302)	(10,959,557)	-	-	(3,694,427)	(1,582,653)	1,260,179	(423,244)
0143780 - Accrued Pmpa Rec - IA	2,226	2,236	2,174	2,313	2,405	1,993	2,196	2,034	2,126	2,168	2,025	2,101	2,082
0143810 - Central Csh Remittance Posting	(141,294)	(140,761)	(150,255)	(155,951)	(155,951)	(155,951)	(155,951)	(155,951)	(155,951)	(155,951)	(155,951)	(155,951)	(155,951)
0143830 - Ccr Ret Cks	16,115	20,848	17,575	12,055	12,349	16,972	20,560	22,777	24,180	28,328	29,096	30,167	30,517
0143927 - Employee Receivables	-	-	-	-	-	-	-	-	-	-	-	-	-
0143994 - State Tax Receivable - Audit	-	-	-	-	-	-	-	-	-	2,846,325	2,846,325	2,846,325	2,846,325
143 Other Accounts Receivable	179,462,706	172,525,022	170,800,936	104,916,691	120,386,587	113,221,177	71,367,382	105,000,676	126,531,665	177,055,649	110,306,753	125,587,073	192,204,348
0144100 - SCHM Uncollectible Accrual Electric	(34,069,684)	(23,809,092)	(26,859,450)	(38,722,706)	(38,722,706)	(38,722,706)	(46,722,706)	(46,722,706)	(39,000,000)	(39,000,000)	(39,000,000)	(39,000,000)	(39,000,000)
0144101 - Allowance Credit Loss	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(1,000,000)	(999,893)	(1,000,000)	(1,000,000)
0144110 - SCHM Uncollectible Accrual NC Elec (I)	8,709,323	1,913,503	3,622,503	4,706,226	4,627,449	4,627,449	4,627,449	4,627,449	-	-	-	-	-
0144120 - SCHM Uncollectible Accrual SC Elec (I)	4,167,498	702,753	2,044,111	2,823,644	2,823,644	2,823,644	2,823,644	2,823,644	-	-	-	-	-
0144400 - SCHM Uncollectible Accrual Ht Pump (I)	1,069	50	335	431	431	431	431	431	-	-	-	-	-
0144410 - SCHM Uncollectible Accrual NC Ht Pm (I)	(917)	(28)	(260)	(260)	(260)	(260)	(260)	(260)	-	-	-	-	-
0144420 - SCHM Uncollectible Accrual SC Ht Pm (I)	(102)	-	(52)	(149)	(149)	(149)	(149)	(149)	-	-	-	-	-
0144610 - Uncollectibles - Prod/Serv - Nc	-	-	-	-	-	-	-	-	-	-	-	-	-
0144700 - Prov for MARBS Uncollectibles	(1,370,050)	(1,370,050)	(1,370,050)	(1,682,344)	(1,684,822)	(1,684,822)	(1,685,353)	(1,683,768)	(1,686,841)	(1,686,833)	(1,516,143)	(1,516,143)	(1,521,659)
144 Accum Prov for Uncollectible Account	(23,562,863)	(23,562,863)	(23,562,863)	(33,875,157)	(33,956,413)	(33,956,413)	(41,956,944)	(41,955,359)	(41,686,841)	(41,686,833)	(41,516,036)	(41,516,143)	(41,521,659)
0145004 - IC Moneypool - ST Notes Receiv	-	-	-	-	-	68,851,000	-	-	-	-	21,484,000	130,809,000	-
0145005 - LT Intercompany Note	-	-	-	-	-	-	-	-	-	-	-	-	1,186,050
145 Note Receivable from Associated Companies	-	-	-	-	-	68,851,000	-	-	-	-	21,484,000	130,809,000	1,186,050
0146000 - AR Intercompany Crossbill	(33,275,076)	70,397,503	63,252,985	36,436,975	(42,949,041)	53,941,481	76,752,099	77,264,718	76,231,659	72,679,091	75,644,384	309,201,487	53,691,383
0146006 - IC Moneypool - Interest Receiv	-	-	-	-	-	77	-	-	-	-	90	145	-
0146009 - I/C AR Rollup	(95,429,796)	(148,101,009)	(188,315,610)	(173,106,055)	(66,027,346)	(211,018,760)	(199,341,089)	(182,182,084)	(156,877,301)	(219,320,412)	(190,826,663)	(531,854,739)	(231,125,568)
0146104 - IC AR - Joint Dispatch	41,972,774	35,164,266	30,975,057	38,158,961	31,256,798	31,995,563	27,095,958	44,464,673	58,979,496	38,345,733	51,686,860	83,592,351	90,775,880
0146250 - IC Netting - Accts Receivable	212,384,041	164,997,822	198,920,083	226,038,338	195,870,143	232,386,051	216,755,999	179,175,311	191,410,016	205,593,953	171,035,824	518,475,102	288,135,140
0146501 - Intercompany Gas True-Up	(2,635,613)	(2,635,613)	(2,635,613)	(2,635,613)	(2,635,613)	(2,635,613)	(2,635,613)	(2,635,613)	(2,635,613)	(2,635,613)	(2,635,613)	(2,635,613)	(2,635,613)
0146975 - Interest Receivable - Affiliates	-	-	-	-	-	-	-	-	-	-	-	-	-
0146990 - A/R Prop/BI - Bison Interco	2,432,665	2,432,665	1,904,344	1,904,344	1,904,344	1,904,344	1,904,344	1,904,344	1,904,344	-	-	-	-
0146994 - State Tax Refunds - Interco	-	-	-	-	-	-	160,785	160,785	160,785	2,009	2,009	2,009	-
0146996 - Franchise Tax - Interco	(1)	(1)	(1)	(1)	-	-	-	-	-	-	-	-	-
0146999 - Inter - Unit Unconsolidated BU	2,742	2,742	2,742	2,742	2,742	2,742	2,742	2,742	2,742	-	-	-	-
146 Accounts Receivable from Associated Companies	125,451,737	122,258,375	104,103,987	126,799,691	117,422,026	106,575,884	120,695,224	118,154,875	169,176,127	94,664,761	104,906,890	376,780,742	198,841,223
0151130 - Coal Stock	180,441,260	190,655,508	167,733,066	163,916,232	177,361,161	165,093,325	150,007,436	150,517,993	145,492,118	146,098,901	166,071,845	175,497,281	186,836,178
0151131 - Coal Stock in Transit	4,810,747	5,671,930	4,183,029	5,668,558	3,564,679	6,461,273	7,968,016	9,018,675	6,161,558	5,295,421	1,884,283	4,083,676	7,191,639
0151132 - Coal In-transit Accruals	601,170	-	-	-	-	-	-	-	-	173,337	-	-	995,563
0151140 - Diesel Fuel Stock	38,797,188	38,632,162	34,382,517	35,360,094	35,261,166	35,318,069	35,506,969	35,295,417	35,193,889	37,848,295	37,994,292	37,351,266	38,104,267
0151660 - Natural Gas Inventory	1,718,640	1,776,941	4,383,002	2,954,156	2,458,307	3,332,058	1,840,446	3,237,760	4,109,803	5,599,275	3,740,735	3,225,550	4,352,075
0151120 - Other Fuel Stock	-	-	-	6	-	-	-	-	-	-	-	-	-
151 Fuel Stock	226,369,006	236,736,541	210,681,615	207,899,045	218,645,312	210,204,724	195,322,867	198,069,845	190,957,368	195,015,228	209,691,156	220,157,773	237,479,722
0154100 - Inventory	852,976,246	856,402,234	864,536,758	875,294,899	872,333,898	878,535,248	875,075,225	879,823,346	850,188,202	843,089,925	844,930,950	839,585,339	850,149,727
0154103 - M&S Inventory-WVPA, IMPA contra	(496,561)	(524,150)	(530,855)	(541,736)	(547,166)	(545,097)	(543,459)	(544,692)	(550,132)	(486,201)	(555,992)	(555,407)	(549,427)
0154120 - Catawba Stm Station Stk Contra	(130,545,909)	(131,567,289)	(131,363,519)	(130,415,744)	(129,449,768)	(128,483,793)	(130,777,758)	(130,812,912)	(131,767,143)	(132,008,131)	(130,860,761)	(130,663,219)	(130,295,110)
0154122 - Limestone In Transit Inventory	-	-	-	-	-	-	-	-	-	111,200	-	-	-
0154140 - Misc Inventory	16,615,359	16,634,012	16,684,094	17,040,026	15,470,909	13,964,142	15,478,167	14,632,032	16,782,759	17,319,459	16,209,617	11,337,715	13,124,600
0154150 - Spent Fuel Canisters	6,320,342	8,353,243	9,266,433	9,266,314	9,266,314	10,199,648	11,133,442	12,066,775	12,066,775	10,072,821	10,072,821	12,396,419	13,681,748

Account & Description	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021
0154200 - Limestone Inventory	6,719,896	6,672,442	5,614,131	6,452,061	7,637,276	7,460,806	7,585,365	7,460,561	6,422,898	6,140,274	6,759,755	7,265,776	7,294,600
0154410 - Working Stock	2,065	2,065	2,065	2,065	-	-	-	-	-	-	-	-	-
0154990 - Schm Inv Cr - Surplus Mat'L Ident	(14,023,317)	(12,647,447)	(12,627,625)	(12,638,700)	(12,592,353)	(12,603,540)	(12,590,651)	(12,941,868)	(13,136,954)	(13,027,527)	(13,270,383)	(13,077,708)	(10,681,484)
154 Plant Material and Operating Supplies	737,568,121	743,325,110	751,581,483	764,459,185	762,119,110	768,527,415	765,360,332	769,683,242	740,006,406	731,211,820	733,286,008	726,288,916	742,724,654
0156010 - Other M&S / Inventory	1,920	(2,172)	(18,144)	(31,872)	(17,131)	(51,804)	(52,926)	(49,164)	(36,492)	(93,603)	(65,096)	(100,620)	(73,366)
156 Other Materials and Supplies	1,920	(2,172)	(18,144)	(31,872)	(17,131)	(51,804)	(52,926)	(49,164)	(36,492)	(93,603)	(65,096)	(100,620)	(73,366)
0158110 - Inactive - Intangible Emission Allow	-	-	-	-	-	-	-	-	-	-	-	-	-
0158120 - RECs - DE Carolinas - NC	64,765,914	67,666,870	69,525,657	48,847,312	51,420,357	54,124,574	56,713,843	59,442,857	61,611,769	64,514,412	66,894,658	69,124,483	73,155,266
0158150 - SO2 Current Vintage	418,620	418,390	418,162	417,886	417,737	417,554	417,357	417,035	416,740	416,356	416,083	415,945	415,945
158 Allowances	65,184,534	68,085,261	69,943,819	49,265,198	51,838,094	54,542,128	57,131,200	59,859,891	62,028,510	64,930,768	67,310,741	69,540,429	73,571,212
0163000 - Commodity Cost	-	-	-	-	-	-	-	-	-	-	-	2,249	4,543
0163110 - Stores Expense	43,325,509	45,662,415	47,938,933	46,171,816	47,375,972	49,384,209	49,652,555	49,218,520	45,410,250	39,936,808	39,852,013	40,286,117	45,177,567
0163160 - Stores Exp Distribution - Credit	1,614,520	1,540,846	1,622,240	1,642,463	1,611,401	1,664,397	1,597,826	1,640,045	1,577,760	1,670,246	1,501,025	1,534,179	(128,972)
0163180 - Freight and Express	1,192,876	1,192,876	1,192,876	1,192,876	1,192,876	1,192,876	1,192,876	1,192,876	1,192,876	1,192,876	1,192,876	1,192,876	1,192,876
163 Store Expenses Undistributed	46,132,904	48,396,137	50,754,049	49,007,156	50,180,250	52,241,483	52,443,257	52,051,441	48,180,886	42,799,931	42,545,914	43,015,421	46,246,014
0165011 - Ppd - Software - Purchase	305,461	1,302,350	1,302,350	1,069,632	1,069,632	1,069,632	1,287	1,287	1,287	1,287	1,287	1,287	1,287
0165075 - Intercop Prepaid Insu SchM	(0)	14,128,361	12,933,370	11,559,568	10,275,172	8,990,775	7,706,379	6,421,982	5,137,586	3,853,189	2,568,793	1,284,396	(0)
0165100 - Unexpired Insurance	0	8,375,234	7,613,849	6,852,464	6,091,079	5,329,694	4,568,310	3,806,925	3,045,540	2,284,155	1,522,770	761,385	(0)
0165110 - Unexpired Ins - Catawba Contra	(2,313,894)	(3,474,862)	(3,008,713)	(2,542,565)	(2,076,416)	(1,610,267)	(1,144,118)	(677,969)	(4,006,748)	(3,556,212)	(3,105,676)	(2,655,140)	(2,204,604)
0165120 - Unexpired Insurance - Nuclear	8,838,133	12,636,608	10,913,911	9,191,215	7,468,519	5,745,823	4,023,127	2,300,431	14,331,490	12,735,833	11,140,176	9,544,518	7,952,601
0165400 - Misc Prepaid Expenses	565,917	17,423,331	13,545,043	8,479,272	13,577,952	9,430,388	5,755,785	5,335,812	7,958,227	2,962,064	8,476,078	4,218,501	1,995,116
0165401 - Prepaid NRC License Fees	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
0165500 - SCHM Prepaid Taxes - Huntersville	3,445,614	3,440,506	3,435,365	3,430,190	3,424,981	3,419,738	3,414,461	3,409,150	3,403,803	3,398,422	3,393,005	3,387,553	3,382,066
0165513 - Prepaid Expense - Misc	-	-	-	-	-	-	-	-	-	-	-	-	168
0165538 - LTSA - Long Term Portion FTG	14,405,608	14,219,142	14,214,869	15,415,183	15,374,809	15,360,484	16,922,500	16,756,832	16,752,597	18,411,795	18,233,736	18,430,533	20,033,164
165 Prepayments	25,246,838	68,050,669	60,950,043	53,454,960	55,205,729	47,736,268	41,247,730	37,354,449	46,623,781	40,090,532	42,230,168	34,973,034	31,159,798
0171104 - Cur Asset: Interest Receiv	759,340	701,011	669,958	766,311	676,356	614,554	697,036	611,775	626,348	568,193	533,466	567,268	529,304
171 Interest and Dividends Receivable	759,340	701,011	669,958	766,311	676,356	614,554	697,036	611,775	626,348	568,193	533,466	567,268	529,304
0172004 - Rents Rec-Real Estate	913,503	664,784	425,930	268,488	278,283	270,975	423,198	329,474	266,404	342,382	362,938	281,070	356,339
172 Rent Receivable	913,503	664,784	425,930	268,488	278,283	270,975	423,198	329,474	266,404	342,382	362,938	281,070	356,339
0173100 - Unbilled Revenue Receivable	287,980,184	259,483,172	259,913,067	259,770,985	256,051,709	290,265,325	297,401,788	332,855,062	349,545,033	289,820,604	284,711,333	299,350,827	273,671,078
173 Accrued Utility Receivable	287,980,184	259,483,172	259,913,067	259,770,985	256,051,709	290,265,325	297,401,788	332,855,062	349,545,033	289,820,604	284,711,333	299,350,827	273,671,078
0174015 - Customer Collateral	-	-	-	-	-	-	-	(13,700,000)	-	-	-	-	-
0174300 - Swap Int Recvbl Cur Reg Asset	4,353,783	4,353,783	4,353,783	-	-	-	-	6,869,646	6,869,646	5,950,648	5,950,648	5,950,648	8,633,432
174 Miscellaneous Current and Accrued Assets	4,353,783	4,353,783	4,353,783	-	-	-	6,869,646	(6,830,354)	6,869,646	5,950,648	5,950,648	5,950,648	8,633,432
0175001 - Deriv Assets - Noncashflw - ST	-	-	-	38,294,501	38,294,501	38,294,501	-	-	-	-	-	-	-
175 Derivative Instrument Assets	-	-	-	38,294,501	38,294,501	38,294,501	-	-	-	-	-	-	-
0176001 - 3rd Party Derivative Asset Current	12,001,435	18,242,249	31,276,752	17,365,904	32,672,554	32,325,406	66,204,398	79,841,297	97,169,553	83,953,495	85,910,139	78,740,467	83,415,055
L T Portion of Derivative Instruments Assets Hedges (CALC)	-	8,345,400	5,674,255	6,417,941	10,217,302	14,983,066	36,088,609	50,419,070	56,991,726	54,448,882	55,610,442	49,029,069	48,154,229
176 Derivative Instruments Assets Hedges	12,001,435	26,587,649	36,951,006	23,783,844	42,889,856	47,308,472	102,293,007	130,260,367	154,161,279	138,402,378	141,520,581	127,769,536	131,569,284
(Less) Long Term Portion of Derivative Instruments Assets -	-	(8,345,400)	(5,674,255)	(6,417,941)	(10,217,302)	(14,983,066)	(36,088,609)	(50,419,070)	(56,991,726)	(54,448,882)	(55,610,442)	(49,029,069)	(48,154,229)
Current Maturities of Deferred Debits	12,001,435	18,242,249	31,276,752	55,660,405	70,967,055	70,619,907	66,204,398	79,841,297	97,169,553	83,953,495	85,910,139	78,740,467	83,415,055
Current Assets	2,165,189,293	2,311,365,512	2,241,636,439	2,059,624,056	2,181,018,005	2,254,072,225	2,239,414,259	2,381,808,309	2,507,357,989	2,411,026,691	2,322,664,399	2,675,019,672	2,507,126,099
CURRENT AND ACCRUED LIABILITIES													
0231300 - S - T Commercial Paper	-	-	-	-	-	-	-	-	-	-	-	-	-
231 Notes Payable	-	-	-	-	-	-	-	-	-	-	-	-	-
0232000 - A/P Vendors Payable	325,439	15,412,758	0	0	0	0	0	0	0	0	0	0	0
0232002 - A/P - Misc - Gen - Acctg	74,111,961	66,884,708	82,083,450	68,444,718	57,322,683	46,695,092	41,545,001	36,376,114	35,321,480	40,768,420	40,580,949	43,602,881	43,356,614
0232016 - AP PS8 9 Vendors Payable	394,647,691	216,803,636	201,427,595	243,830,813	247,408,138	261,823,128	261,855,900	205,022,530	276,147,696	243,725,128	286,797,940	256,976,768	338,863,113
0232018 - EAM Payables	(1,068,345)	(2,454,446)	-	-	-	-	-	-	-	-	-	-	(387,917)
0232031 - Unbil Fuel Rev NC - Deferred Tax	-	-	-	-	-	-	-	-	-	-	-	-	-

Account & Description	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021
0232039 - Payable 401K Incentive Match	4,877,285	5,361,689	5,858,690	1,487,685	2,014,358	2,529,003	3,043,319	3,618,859	4,125,639	4,637,096	6,520,910	7,046,336	8,351,491
0232061 - Checks not presented - reclass	152,809,702	71,148,191	41,044,138	11,363,110	25,035,828	21,205,300	-	9,244,432	-	23,731,657	59,459,652	24,982,469	122,517,435
0232070 - Unbilled Fuel Revenue - Wholesale	-	569,740	(2,124,472)	(1,592,575)	194,396	(383,995)	(1,611,544)	(4,940,921)	(8,802,053)	(9,712,255)	(13,042,066)	(21,114,934)	-
0232109 - A/P BPM - Actual	196,486	502,699	468,460	306,407	377,092	396,097	1,554,746	3,431,840	3,503,417	752,760	305,245	526,422	362,995
0232120 - Vouchers Payable - Special	3,542,238	3,689,661	3,093,208	3,227,406	1,361,299	2,543,397	1,359,728	3,374,499	4,649,642	5,842,134	1,908,604	1,031,746	719,317
0232122 - Annual FERC Adm and Hydro Fee	3,049,839	3,748,340	4,446,841	5,145,342	5,843,843	6,542,344	7,240,845	4,869,326	255,144	1,029,736	1,804,327	2,578,919	3,353,511
0232123 - Nuc Regulatory Fee Pay	1,596,920	2,271,722	1,242,138	1,784,620	2,296,340	974,459	1,567,620	2,278,061	1,451,971	2,162,716	2,708,818	1,062,156	1,659,787
0232124 - NRC License Fee Pay	-	-	-	-	-	-	-	2,805,250	-	-	-	-	-
0232125 - NRC Inspection Fee Pay	1,539,014	485,378	1,104,640	1,682,454	2,213,902	1,023,486	1,593,695	860,326	2,277,896	3,652,980	4,743,396	1,135,580	1,535,201
0232129 - SC PSC Reg Fee Pay	1,916,729	2,236,184	2,555,639	2,875,094	3,194,548	3,514,003	3,855,890	299,673	599,346	899,019	1,198,692	1,498,366	1,798,039
0232140 - Customer Refunds Payable	5,062,226	5,511,723	6,404,652	6,077,280	4,573,826	4,392,214	4,277,488	4,211,359	4,127,221	3,925,228	2,295,515	2,281,021	2,277,657
0232142 - Advance Payable-NCMPA	-	-	-	(5,737,398)	-	-	-	(32,306,763)	(31,339,360)	-	-	-	-
0232143 - Advance Payable-NCCEMC	2,217,973	1,838,232	2,169,855	22,343,908	3,370,963	3,405,728	3,198,020	43,749,742	31,929,523	3,106,233	3,602,021	4,902,905	5,492,067
0232144 - Advance Payable-PMMPA	-	-	-	3,745,772	-	-	-	12,230,416	-	-	-	-	-
0232145 - A/P CJO Special Projects	-	-	8,494,276	9,951,740	2,944,299	-	-	-	2,131,018	1,447,345	1,117,860	1,020,154	378,829
0232150 - Accounts Payable - Stores	0	0	0	0	0	0	0	0	0	0	0	0	0
0232151 - Pp Accounts Payable - Stores	18,879,786	14,938,148	(28,400)	(9,887,798)	(609,999)	4,490,879	(713,194)	1,210,418	3,867,009	(7,339,666)	9,652,433	8,893,935	(7,181,410)
0232155 - Accounts Payable - Stores CAS	4,355,747	4,478,423	4,453,764	4,346,375	5,256,400	4,380,831	4,446,948	5,339,661	5,493,565	5,216,217	4,501,275	4,416,480	3,722,714
0232170 - Accounts Payable - Coal	9,407,749	14,822,649	10,098,253	10,019,303	11,049,903	11,942,868	9,888,449	13,401,086	9,900,621	9,091,948	7,942,826	5,580,647	7,583,844
0232171 - Account Payable - Coal Accrual	601,170	-	-	-	-	-	-	-	-	173,337	-	-	995,563
0232175 - Limestone and Freight Payable	241,088	306,977	339,981	118,803	466,130	550,417	305,859	475,643	656,021	825,443	390,292	89,671	143,771
0232176 - Reagent Payable	351,886	293,814	636,055	252,293	522,168	398,322	1,144,361	515,047	1,055,972	831,443	402,318	280,385	733,871
0232177 - Generic By Products Payable	622,303	453,537	563,400	526,792	445,422	450,946	448,724	509,384	611,596	0	(4,480)	601,060	479,132
0232178 - Accrued Settlements Payable	2,286,987	2,240,959	2,240,959	2,740,959	2,740,959	2,740,959	1,740,959	1,740,959	1,740,959	1,740,959	1,740,959	1,740,959	1,740,959
0232180 - Accounts Payable - Oil Stocks	152,807	70,739	683,732	206,993	29,332	-	115,039	41,337	-	943,849	134,928	36,981	54,845
0232181 - Natural Gas Payable	97,234,405	94,817,623	92,801,712	71,106,656	52,292,383	65,574,431	92,000,121	164,454,760	174,745,861	137,003,074	180,381,382	260,394,958	252,431,806
0232190 - Coal Freight Payable	849,361	1,837,405	1,271,344	1,412,686	1,440,344	2,247,933	1,243,743	5,116,682	2,916,036	4,185,765	2,714,908	2,558,214	2,175,577
0232195 - Railcar Lease Payable	3,761,359	487,204	988,099	1,488,993	2,033,252	2,483,896	3,005,366	500,894	1,015,539	1,502,344	2,015,408	2,500,633	3,012,108
0232199 - PowerPlan Coal Payable	(1,603,079)	(1,726,071)	(1,993,935)	(2,495,603)	(2,366,240)	(1,866,762)	(3,101,199)	(3,224,191)	(3,492,055)	(3,993,724)	(2,366,255)	(1,866,777)	(1,603,109)
0232200 - Cbis Refund Payable	2,623,726	3,076,381	2,898,946	2,247,667	691,334	(185,032)	(185,032)	(185,031)	(185,031)	(215,866)	(215,866)	(215,866)	(215,866)
0232205 - A/P ENRB Holding Account	30,394,559	30,394,559	23,444,549	22,481,281	22,481,281	22,481,281	42,445,204	3,199,990	3,999,990	4,799,990	5,599,990	11,559,240	599,990
0232329 - Share The Warmth	1,332	1,332	1,332	1,332	65,840	117,650	169,915	206,751	240,002	297,343	336,088	406,236	497,813
0232410 - Transmission Payables	49,190	(627,101)	(609,561)	(655,023)	(619,236)	(533,649)	(588,272)	(592,704)	(397,855)	146,853	162,970	94,857	108,247
0232460 - Bulk Power Marketing Payable	1,004,203	1,017,677	1,990,480	1,506,172	741,026	1,733,592	18,184,289	1,478,537	1,262,970	2,698,595	2,295,803	2,573,938	2,199,818
0232480 - Co - Generation	(1,110,105)	(902,788)	(1,180,927)	(1,597,231)	(5,257,783)	(7,581,764)	(10,004,872)	(21,254,037)	(12,333,356)	(10,287,318)	(9,342,783)	(6,829,090)	(6,121,997)
0232892 - A/P Miscellaneous	151,513	141,013	130,513	120,013	109,513	99,013	88,513	78,013	(10,500)	(10,500)	(10,500)	(10,500)	867,121
0232996 - Capital - Accruals	153,945,898	137,368,223	139,993,371	131,916,880	149,469,569	133,492,457	150,027,858	141,796,737	141,798,558	162,429,988	150,124,779	162,378,849	164,671,104
0232999 - A/P BPM - Estimate	7,340,686	1,560,628	872,606	1,928,289	663,199	2,181,698	483,500	2,201,312	5,644,295	1,474,594	775,952	496,986	1,293,910
232 Accounts Payable	976,367,730	699,061,547	637,865,385	612,722,206	599,796,314	599,860,226	640,626,986	612,135,991	671,982,921	637,482,865	757,234,292	783,212,584	958,467,951
0233150 - IC Moneypool - ST Notes Pay	505,961,000	655,088,000	582,031,000	508,207,000	28,707,000	-	470,716,000	426,203,000	288,561,000	86,022,000	-	-	226,415,000
233 Notes Payable to Associated Companies	505,961,000	655,088,000	582,031,000	508,207,000	28,707,000	-	470,716,000	426,203,000	288,561,000	86,022,000	-	-	226,415,000
0232232 - A/P Affiliates	(11,050)	(13,697)	(13,697)	(13,697)	(14,118)	(11,471)	(11,471)	(11,827)	(11,827)	(11,827)	(11,827)	(11,827)	(12,238)
0234000 - IC Moneypool - ST Interest Pay	5,812	17,765	14,620	4,251	1,794	5,853	3,657	6,447	2,521	1,821	4,072	1,682	3,336
0234010 - I/C AP - Joint Dispatch	169,456	56,668	217,919	(89,169)	(2,611)	(136,038)	(81,319)	(65,263)	58,883	39,279	(115,562)	(216,477)	679,675
0234250 - IC Netting - Accts Payable	212,384,041	164,997,822	198,920,083	226,038,338	195,870,143	232,386,051	216,755,999	179,175,311	191,410,016	205,593,953	171,035,824	518,475,102	305,884,506
0234819 - Intercompany Payable	-	-	-	-	-	-	-	-	-	-	-	-	-
234 Accounts Payable to Associated Companies	212,548,259	165,058,558	199,138,925	225,939,723	195,855,208	232,244,396	216,666,865	179,104,668	191,459,592	205,623,225	170,912,507	518,248,479	306,555,280
0235004 - Deferred Liability OL	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
0235006 - Pole Attachment Deposits	4,500	4,500	4,500	4,500	4,500	54,500	54,500	54,500	106,500	106,500	106,500	106,500	106,500
0235110 - Cust Dep For Srvc - Edp Billing	107,204,947	106,105,247	105,692,080	103,125,007	58,516,365	49,298,474	45,684,661	46,530,002	48,089,231	50,565,426	52,873,355	53,903,201	50,286,053
0235130 - Cust Dep Transf To Gen Office	1,778,968	1,778,968	1,778,968	1,778,968	1,778,968	1,778,968	1,778,968	1,793,133	1,793,133	1,777,956	1,765,096	1,765,096	1,765,096
0235140 - Special Customer Deposits	16,009,517	16,711,980	16,331,292	16,175,878	16,175,878	16,175,878	16,175,878	16,175,878	16,175,878	16,175,878	16,175,878	16,175,878	16,136,638
235 Customer Deposits	125,072,931	124,675,695	123,881,839	121,159,353	76,550,711	67,382,820	63,769,008	64,628,514	66,239,743	68,700,760	70,995,830	72,025,676	68,369,287
0230690 - S C Mun License - Elect	4,599,290	1,943,138	3,398,745	4,688,166	(71,854)	(71,854)	(71,854)	(71,854)	(71,854)	(71,854)	(71,854)	(71,854)	(71,854)
0232630 - NC Sales Tax Payable - Inactive	0	0	0	0	0	0	0	0	0	0	0	0	0
0232661 - Mecklenburg 1/2% Sales Tax - Inactive	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
0236000 - NC Prop Tax - Electric	28,448	8,421,462	17,412,976	26,029,987	35,769,781	44,500,288	54,070,122	62,800,698	71,451,541	82,297,627	91,450,960	100,139,838	201,614
0236001 - State Ir Payable Other	788,131	788,131	-	1,108,358	1,108,358	-	(160,785)	(160,785)	-	19,176,643	19,176,643	(2,918,966)	5,784,264
0236040 - NC Prop Tax - Misc Non - Util	(3,010)	25,291	55,522	87,798	117,064	146,330	175,596	204,862	234,128	263,394	292,660	321,926	-
0236150 - St/Local Unemployment Tax Liab	7,474	132,537	604,768	851,088	37,861	7,674	9,558	3,669	4,130	5,227	3,222	5,030	6,959
0236200 - NC Industr Comm - Electric	2	9,212	18,422	(40,659)	(23,882)	(7,105)	(52,391)	(35,614)	(18,837)	(2,060)	(47,346)	(30,569)	(13,792)
0236360 - SC Prop Tax - Electric	(2,122,867)	6,791,612	26,381,237	38,788,481	50,758,213	61,424,129	71,933,548	82,889,823	93,559,243	116,912,137	127,581,557	138,250,977	149,622,690

Account & Description	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021
0236400 - SC Prop Tax - Misc Non - Util	-	34,683	71,732	107,598	143,464	179,330	215,196	251,062	286,928	322,794	358,660	394,526	-
0236460 - SC Kwh Power Generation Tax	792,351	803,919	785,101	709,003	648,724	641,314	805,076	955,533	976,518	848,467	500,223	515,066	627,404
0236470 - Franchise Tax Accrual	10,725,837	13,547,589	5,643,504	8,465,256	3,035,037	(2,608,467)	213,285	3,035,037	5,643,504	6,408,623	10,150,387	7,483,528	11,225,292
0236620 - S C Greenwood Tax - Electric	-	(57)	(107)	-	-	-	-	-	-	-	-	-	-
0236700 - Employer FICA Tax Liab	24,258,952	24,882,385	25,522,850	19,824,930	20,550,288	21,213,489	21,876,096	22,616,894	23,269,938	23,929,019	26,356,614	27,032,613	28,711,377
0236701 - Employer FICA Tax Liab LT	17,955,594	17,955,594	17,955,594	17,955,594	17,955,594	14,685,210	14,685,210	14,685,210	14,685,210	14,685,210	14,685,210	14,685,210	(5,951,336)
0236750 - Federal Unemployment Tax Liab	2,120	316,401	348,601	356,275	1,372	3,148	6,320	5,038	7,955	10,007	2,312	5,103	8,675
0236906 - Use Tax Payable	2,460,152	960,801	458,436	1,856,612	1,021,905	806,785	1,751,776	1,654,307	1,860,245	1,761,894	(40,664)	20,176,545	2,951,637
0236926 - LT tax reclass Fed cr	(10,026,831)	(10,026,831)	(10,026,831)	(10,026,831)	(10,026,831)	(10,026,831)	(10,026,831)	(10,026,831)	(10,026,831)	(11,735,751)	(11,735,751)	(11,735,751)	(11,392,583)
0236927 - LT tax reclass state cr	-	-	-	-	-	-	-	-	-	-	-	-	(1,634,133)
0236940 - Current Tax Reclass State Cr	-	-	-	-	-	-	160,785	160,785	160,785	2,009	2,009	2,009	-
0236942 - State Inc Tax Payable - Prior Yrs LT	943,354	943,354	943,354	943,354	943,354	943,354	943,354	943,354	943,354	943,354	943,354	943,354	943,354
0236943 - State Inc Tax Payable- Prior Yrs	4	4	4	4	4	4	4	4	4	4	4	4	4
0236953 - LT Liability: State UTP	-	-	-	-	-	-	-	-	-	-	-	-	1,634,133
0236965 - Accrued SIT - Prior Year	-	-	-	-	-	-	-	(501)	(2,009)	(2,085,546)	(2,085,546)	-	-
0236981 - Fed Inc Tax Payable - Prev Yr	-	-	-	-	-	-	-	-	-	(17,748,422)	(17,748,422)	0	-
0236983 - Fed Inc Payable-Prior Yrs	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
0236986 - LT Liability Fed - KTRA	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
0236990 - Fed Inc Tax Payable - Current	29,740,590	29,740,590	53,895,284	26,956,917	37,785,682	27,883,975	20,887,231	76,358,932	109,156,377	152,316,398	170,108,196	(6,932,291)	59,034,935
0236993 - LT Liability Fed - UTP	10,230,698	10,230,698	10,230,698	10,230,698	10,230,698	10,230,698	10,230,698	10,230,698	10,230,698	11,939,618	11,939,618	11,939,618	11,596,450
0236996 - LT Liability Fed UTP 06-07 yr (I)	(198,116)	(198,116)	(198,116)	(198,116)	(198,116)	(198,116)	(198,116)	(198,116)	(198,116)	(198,116)	(198,116)	(198,116)	(198,116)
236 Taxes Accrued	90,182,174	107,302,396	153,501,773	148,694,513	169,786,715	169,753,355	187,453,878	266,302,206	322,152,912	399,980,675	441,623,931	300,007,800	253,086,975
0237110 - Bonds Interest Payable	102,196,312	125,498,271	120,225,258	112,085,024	123,356,270	145,390,604	109,049,861	132,498,174	128,083,399	120,736,420	114,495,462	134,888,535	107,558,454
0237220 - Int Accrued on NC Cust Deposit	100,675,578	101,289,670	101,894,753	102,498,162	104,265,332	102,777,540	102,572,108	102,571,777	102,571,666	102,572,082	102,572,066	102,573,086	102,999,402
0237230 - Int Pd Curr Yr on NC Cust Dep	(86,225,087)	(86,326,448)	(86,604,281)	(86,788,876)	(86,788,876)	(86,788,876)	(86,788,876)	(86,788,876)	(86,788,876)	(86,788,876)	(86,788,876)	(86,788,876)	(86,793,912)
0237240 - Int Accrued on SC Cust Dep	14,406,890	14,489,297	14,570,296	14,651,600	14,662,379	14,662,379	14,662,379	14,662,379	14,662,379	14,662,379	14,662,379	14,662,379	14,662,379
0237250 - Int Pd Curr Yr on SC Cust Dep	(14,079,936)	(14,093,733)	(14,124,048)	(14,165,812)	(14,165,812)	(14,165,812)	(14,165,812)	(14,165,812)	(14,165,812)	(14,165,812)	(14,165,812)	(14,165,812)	(14,165,812)
237 Interest Accrued	116,973,756	140,857,058	135,961,978	128,280,098	141,329,292	161,875,835	125,329,659	148,777,642	144,362,756	137,016,192	130,775,218	151,169,312	124,260,511
0241110 - State Income Tax Wh - Employee	987,824	908,288	1,093,950	657,448	598,376	(33,180)	605,732	914,049	582,474	599,568	607,742	628,674	971,879
0241150 - Federal Income Tax Wh - Employee	(129,499)	(129,464)	(129,464)	(125,394)	3,650	3,650	3,650	3,609	531	531	531	531	(42,121)
0241160 - FICA Withheld - Employee	(47,378)	(48,187)	(48,187)	(47,898)	(1,409)	(1,409)	(1,580)	(2,629)	(2,514)	(2,527)	(2,608)	(3,705)	(8,190)
0241170 - SC salesx-cust refunds	-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
0241310 - General Sales Tax	2,319,147	2,576,396	2,165,847	2,111,244	2,268,924	2,016,072	2,262,168	3,335,241	3,158,937	3,126,399	5,089,943	2,281,565	2,525,687
0241320 - Utility Sales Tax	6,232,539	11,039,930	7,216,765	7,414,709	4,901,805	2,795,930	8,028,824	12,209,745	12,991,674	11,856,836	6,170,229	3,423,249	8,347,176
0241335 - Local Taxes Withheld	10,382	8,891	9,996	15,767	9,165	8,384	8,136	8,326	8,157	7,894	7,084	7,627	8,249
0241348 - Franchise Fees Payable	-	-	-	-	-	1,406,234	2,723,934	4,366,103	2,210,819	4,280,585	6,316,424	1,742,419	4,733,233
241 Tax Collections Payable	9,373,015	14,355,855	10,308,906	10,025,876	9,186,745	7,513,381	15,273,032	18,679,159	21,019,842	21,905,124	13,615,340	9,445,127	16,535,914
0232004 - Vision Deduction	(53,169)	(57,563)	(60,447)	(63,883)	(67,268)	(70,709)	(73,661)	(56,889)	(59,934)	(62,865)	(66,011)	(69,115)	(53,239)
0232005 - Long Term Disability Deduction	131,998	133,583	128,375	123,093	116,937	85,450	73,899	88,220	76,838	65,223	54,090	42,972	57,682
0232045 - Supplemental Life Deductions	441,877	461,087	447,867	436,700	422,678	408,734	394,603	444,644	431,311	418,783	404,800	392,553	443,463
0232048 - Supplemental AD&D Deduction	55,889	55,889	53,188	50,882	48,311	45,725	43,112	53,443	50,934	48,174	45,549	43,348	53,618
0232049 - Medical & HSA Deductions	(4,110)	(3,915)	(3,915)	(3,686)	(3,958)	(4,042)	(3,500)	(4,091)	490,302	(4,111)	(4,244)	(4,244)	(4,354)
0232052 - Medical Spending Acct Deduct	-	-	-	-	-	-	-	-	61,078	-	-	-	-
0232053 - Dependent Spending Acct Deduct	(23,434)	(23,434)	(23,434)	(23,434)	(23,434)	(23,434)	(23,434)	(23,434)	(23,434)	(23,434)	(23,434)	(23,434)	(23,434)
0232067 - Dental Deductions	-	-	6	6	(197)	(197)	21	223	6	6	6	6	(1)
0232402 - Collateral Liab	-	-	-	-	-	-	-	(12,160,000)	12,160,000	3,000,000	3,000,000	3,000,000	3,000,000
0242033 - Wages Payable - Accrual	5,175,105	5,175,105	5,175,105	13,613,633	13,613,633	13,613,633	22,682,700	22,682,700	22,682,700	15,617,462	15,617,462	15,617,462	6,457,350
0242041 - SC Bulk Utility Payments	-	-	-	-	-	-	-	-	-	-	-	8,548,803	8,548,803
0242051 - FERC Interconnect Deposits LT	-	-	-	-	-	-	-	-	-	667,000	1,343,500	793,500	793,500
0242054 - State Interconnect Deposits LT	-	-	-	-	-	-	-	-	-	1,731,154	4,894,063	4,549,925	4,625,724
0242110 - Contract Retentions	3,069,570	2,809,901	2,677,202	2,553,388	2,323,932	2,287,376	2,326,244	2,425,985	2,162,869	2,289,151	2,538,595	2,940,373	3,991,064
0242152 - Solar Interconnect Deposits	64,873,128	65,649,078	66,907,165	64,594,355	64,056,157	65,820,442	63,810,323	66,862,056	96,954,176	91,909,078	91,421,072	89,140,540	71,710,184
0242153 - Performance Securities	50,525,078	55,574,078	51,678,078	17,584,676	17,584,676	17,584,676	17,884,676	18,884,676	19,211,130	19,211,130	19,211,130	19,211,130	19,211,130
0242160 - Current Liabilities of VIEs	-	-	-	-	-	-	-	-	-	-	-	-	-
0242215 - Payroll Severance Reserves	1,918,566	1,878,470	1,837,474	2,097,677	2,093,285	2,086,902	908,203	638,640	633,637	138,400	82,622	80,834	1,842,567
0242216 - Payrll ST Retention/Spcl Rsrvs	2,208,204	1,683,204	1,658,204	1,989,856	1,946,405	1,946,405	2,471,356	2,406,356	2,406,356	2,987,575	2,387,575	2,350,075	3,056,135
0242221 - Current Year BPMR Sharing	(1,298,522)	(1,298,037)	(1,297,866)	(1,297,899)	(1,298,126)	(1,298,461)	(1,298,868)	(1,299,026)	(1,299,067)	(1,298,613)	(1,297,717)	(1,296,335)	(1,356,664)
0242230 - Natural Gas Fuel	-	-	-	-	-	-	-	-	-	-	-	-	-
0242310 - Green Power Payable	44,073	46,431	43,785	42,977	42,334	41,892	42,937	46,064	45,894	44,740	45,691	46,073	66,927
0242320 - Transmission Open Acc - Deposits	1,764,434	1,866,739	1,896,072	1,883,547	1,834,837	1,803,347	1,777,280	1,990,112	1,839,372	1,509,185	22,602,239	1,490,560	1,490,189
0242330 - Carbon Offset Program - NC	9,353	9,424	9,390	9,434	9,549	8,721	8,148	8,357	8,509	8,480	8,584	8,650	9,598
0242340 - Carbon Offset Program - SC	140	112	116	108	60	12	(32)	(76)	(132)	(168)	(248)	(292)	(292)
0242450 - Collections From Payroll - Misc	-	-	-	-	-	-	-	-	-	-	-	-	-

Account & Description	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021
0242460 - Prov For Incentive Ben Prog	84,581,109	92,906,989	101,443,741	27,895,282	36,938,719	45,774,020	54,617,971	64,496,875	73,200,632	105,247,292	114,356,815	128,596,396	145,810,090
0242461 - Prior Year Incentive Accrual	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
0242470 - NC Alternative Energy Payable	146,812	206,379	167,835	150,389	153,712	135,053	171,748	197,684	210,154	196,866	153,348	156,865	174,432
0242490 - Vacation Carryover	118,035,904	117,828,567	117,758,311	117,720,263	117,445,445	117,258,554	117,037,313	116,829,625	116,664,458	116,495,631	116,273,858	116,119,299	116,315,304
0242510 - Escheats Officer Dpt Treas - Nc	(1,067,449)	(1,067,449)	(1,067,449)	(1,067,449)	(1,067,449)	(1,067,449)	(1,067,449)	(1,067,449)	(1,067,449)	(1,067,449)	(1,067,449)	(1,067,449)	(1,067,449)
0242540 - Escheaments Payable	(371,600)	(371,600)	(371,600)	(367,108)	(367,108)	(371,810)	(371,810)	(371,810)	(371,810)	(371,810)	(660,987)	(660,987)	(660,987)
0242650 - Accrued Payable - Other	649,721	649,721	649,659	649,582	537,093	537,093	537,093	537,025	537,025	536,952	536,952	536,952	536,807
0242690 - Executive Incentive Accrual	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
0242710 - 8 95% Grnsboro Transit Due2027	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
0242897 - NQ Pension Current ECBP	1,116,014	1,116,014	1,116,014	1,116,014	1,116,014	1,116,014	1,116,014	1,116,014	1,116,014	1,116,014	1,116,014	-	1,555,058
0242898 - OPEB Current Liab - Life	4,293	4,293	4,293	4,293	4,293	4,293	4,293	4,293	4,293	4,293	4,293	-	4,619
0242983 - Other NonCurrent Liab (TR)	31,473,891	30,388,584	29,303,278	88,744,595	87,659,288	86,573,982	80,746,382	74,893,069	69,013,902	63,108,741	57,177,445	51,219,873	45,235,882
0242984 - Other Curr Liability (TR)	13,023,679	13,023,679	13,023,679	73,550,303	73,550,303	73,550,303	73,550,303	73,550,303	73,550,303	73,550,303	73,550,303	73,550,303	73,550,303
0242989 - Misc Current Liabilities	-	9,136,619	-	-	-	-	-	-	-	-	-	-	-
0242998 - OPEB Current Liab - Medical	-	-	-	-	-	-	-	-	-	-	-	-	-
0242999 - Misc Liab - FAS 112	3,601,817	3,601,817	3,601,817	3,601,817	3,601,817	3,601,817	3,601,817	3,601,817	3,601,817	3,601,817	3,601,817	3,601,817	3,601,817
242 Miscellaneous Current and Accrued Liabilities	380,032,370	401,383,614	396,755,942	415,589,412	422,271,938	431,448,341	440,967,681	436,775,404	494,291,882	500,674,999	527,307,730	518,916,451	508,975,825
0242175 - Curr Operating Lease Oblig	20,460,857	20,338,158	20,202,596	20,066,769	20,010,490	19,968,717	20,445,252	20,315,662	20,321,183	20,204,940	21,201,738	21,731,429	21,695,165
0243103 - Current Cap Lease Oblig - Tax	907,404	916,463	925,612	934,853	944,186	953,612	963,132	972,747	982,459	992,267	1,002,173	1,012,178	1,022,283
0243350 - IC Lease - Curr Cap Lease Oblig	-	-	-	-	-	-	-	-	-	-	-	-	-
0243360 - Curr Cap Lease Oblig-Tax IC	4,341,903	4,387,744	4,428,523	4,469,689	4,511,247	4,553,201	4,595,554	4,638,311	4,681,475	4,725,051	4,769,042	4,813,452	4,858,287
243 Obligations Under Capital Leases - Current	25,710,164	25,642,365	25,556,731	25,471,311	25,465,923	25,475,530	26,003,938	25,926,720	25,985,117	25,922,258	26,972,953	27,557,059	27,575,734
0244005 - Derivative Instr-Regulatory-ST	4,353,783	4,353,783	4,353,783	-	-	-	6,869,646	6,869,646	6,869,646	5,950,648	5,950,648	5,950,648	8,633,432
Long-Term Portion of Derivative Instrument Liabilities	-	-	-	-	-	-	-	-	-	-	-	-	-
244 Derivative Instr Liab	4,353,783	4,353,783	4,353,783	-	-	-	6,869,646	6,869,646	6,869,646	5,950,648	5,950,648	5,950,648	8,633,432
0245001 - 3rd Party Derivative Liability Current	11,548,410	11,548,410	11,548,410	-	-	-	-	-	-	11,914,558	11,914,558	11,914,558	11,748,592
Long-Term Portion of Derivative Instrument Liabilities-Hedges Ca	-	1,406,250	1,406,250	-	-	-	-	-	-	-	3,078,498	839,292	1,444,109
245 Derivative Instrument Liabilities - Hedges	11,548,410	12,954,660	12,954,660	-	-	-	-	-	-	11,914,558	14,993,056	12,753,850	13,192,701
Total Current and Accrued Liabilities	2,458,123,593	2,350,733,531	2,282,310,923	2,196,089,492	1,668,949,848	1,695,553,882	2,193,676,693	2,185,402,950	2,232,925,412	2,101,193,305	2,160,381,504	2,399,286,985	2,512,068,610

Less: Adjustments for Non-Current Portion

244 Derivative Instr Liabilities

245 Derivative Instr Liab - Hedges

Adjusted Current and Accrued Liabilities Total

	2,458,123,593	2,349,327,281	2,280,904,673	2,196,089,492	1,668,949,848	1,695,553,882	2,193,676,693	2,185,402,950	2,232,925,412	2,101,193,305	2,157,303,006	2,398,447,694	2,510,624,501
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Net Current Position													
Total Current and Accrued Assets	2,165,189,293	2,311,365,512	2,241,636,439	2,059,624,056	2,181,018,005	2,254,072,225	2,239,414,259	2,381,808,309	2,507,357,989	2,411,026,691	2,322,664,399	2,675,019,672	2,507,126,099
Total Current and Accrued Liabilities	2,458,123,593	2,349,327,281	2,280,904,673	2,196,089,492	1,668,949,848	1,695,553,882	2,193,676,693	2,185,402,950	2,232,925,412	2,101,193,305	2,157,303,006	2,398,447,694	2,510,624,501
Net Current Position	(292,934,301)	(37,961,769)	(39,268,234)	(136,465,436)	512,068,157	558,518,342	45,737,567	196,405,359	274,432,577	309,833,386	165,361,393	276,571,978	(3,498,402)

13 Month Averages

Total Current and Accrued Assets Test Year Avg (Dec 2020 - Dec 2020)	2,327,486,381
Total Current and Accrued Liabilities Test Year Avg (Dec 2020 - Dec 2020)	2,185,444,074
Net Current Position Test Year Avg (Dec 2020 - Dec 2021)	142,042,307

Reconciliation to Balance Sheet

Total Current and Accrued Assets per above	2,165,189,293	2,311,365,512	2,241,636,439	2,059,624,056	2,181,018,005	2,254,072,225	2,239,414,259	2,381,808,309	2,507,357,989	2,411,026,691	2,322,664,399	2,675,019,672	2,507,126,099
Total Current and Accrued Assets per Balance Sheet	2,165,189,293	2,311,365,512	2,241,636,439	2,059,624,056	2,181,018,005	2,254,072,225	2,239,414,259	2,381,808,309	2,507,357,989	2,411,026,691	2,322,664,399	2,675,019,672	2,507,126,099
Difference	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Current and Accrued Liabilities per above	2,458,123,593	2,349,327,281	2,280,904,673	2,196,089,492	1,668,949,848	1,695,553,882	2,193,676,693	2,185,402,950	2,232,925,412	2,101,193,305	2,157,303,006	2,398,447,694	2,510,624,501
Total Current and Accrued Liabilities per Balance Sheet	2,458,123,593	2,349,327,281	2,280,904,673	2,196,089,492	1,668,949,848	1,695,553,882	2,193,676,693	2,185,402,950	2,232,925,412	2,101,193,305	2,157,303,006	2,398,447,694	2,510,624,501
Difference	-	-	-	-	-	-	-	-	-	-	-	-	-

All Differences due to rounding

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 4

☐ **CONFIDENTIAL**

☒ **NOT CONFIDENTIAL**

Request:

Provide a schedule of common investment, reserves, and associated expense amounts, by account, allocated to system electric operations for the twelve-month test period. Show the ultimate factor(s) used to allocate total company amounts to system electric amounts. Also, provide a brief description of the basis of allocation. To be performed by companies utilizing common investment, for electric and non-electric operations. See Format 4.

Response:

A Common Investment approach is allowed by the FERC for utilities that provide multiple types of utility services (e.g. electric, gas, water, etc.) where a common account is charged and then allocated to the appropriate types of services. DE Carolinas, LLC only provides electric utility services and does not need or use the Common Investment Approach.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 4
Common Investment

A Common Investment approach is allowed by the FERC for utilities that provide multiple types of utility services (e.g. electric, gas, water, etc.) where a common account is charged and then allocated to the appropriate types of services. DE Carolinas, LLC only provides electric utility services and does not need or use the Common Investment Approach.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 5(a-h)

☐ **CONFIDENTIAL**

☒ **NOT CONFIDENTIAL**

Request:

Provide the following total company electric monthly balances for the test year operations:

- a. Construction work in progress, the allowance for funds used during construction, and the related contra allowance for funds used during construction (if these items are sought to be included in the applicant's rate base).
- b. The unamortized balance for each plant acquisition adjustment, the amount amortized to test year operations and the account charged.
- c. Materials and supplies (omit this item if the pertinent information is provided in Item 3a).
- d. Balance in accounts payable applicable to materials and supplies*.
- e. Provide information pertaining to nuclear fuel plant accounts as shown in Format 5e.
- f. Balance in accounts payable applicable to nuclear fuel balances reflected in Item 5e.
- g. Balance in accounts payable applicable to electric plant in service*.
- h. Balance in accounts payable applicable to amounts included in plant under construction*.

Response:

- a. Please see attached file "DEC NC E1-5a CWIP and AFUDC 2021.xlsx".
- b. Please see attached file "DEC NC E1-5b Acquisition Adjustments 2021.xlsx".
- c. See Item No. 3a.
- d. Please see attached file "DEC NC E1-5d Materials and Supplies Accounts Payable 2021.xlsx".
- e. Please see attached file "DEC NC E1-5e Nuclear Fuel Account Balances 2021.xlsx".
- f. Please see attached file "DEC NC E1-5f Nuclear Fuel Accounts Payable 2021.xlsx".
- g. Please see attached file "DEC NC E1-5g Plant in Service Accounts Payable 2021.xlsx".
- h. Please see attached file "DEC NC E1-5h CWIP Accounts Payable.xlsx"

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 5a

Capex by Month			TTD CWIP by month
*(\$ in thousands)			*(\$ in thousands)
January	2021	155,456	1,859,818
February	2021	152,159	1,865,992
March	2021	233,592	1,833,898
April	2021	232,143	1,892,592
May	2021	236,095	1,898,630
June	2021	219,057	1,998,700
July	2021	209,434	2,102,172
August	2021	249,831	2,137,713
September	2021	232,854	2,223,664
October	2021	281,921	2,276,941
November	2021	227,578	2,344,238
December	2021	310,075	2,400,459
Total Period		<u>2,740,195</u>	
AFUDC Contra by Month			AFUDC by Month
(\$ in thousands)			(\$ in thousands)
			*(including AFUDC Contra)
January	2021	(211)	7,680
February	2021	(59)	7,955
March	2021	(206)	7,304
April	2021	(78)	6,959
May	2021	(97)	7,662
June	2021	(110)	4,959
July	2021	60	6,781
August	2021	(116)	8,158
September	2021	(82)	8,919
October	2021	(44)	9,086
November	2021	(37)	9,315
December	2021	(163)	9,067
Total YTD		<u>(1,143)</u>	<u>93,845</u>

* Amounts include CWIP (Account 107000), Nuclear Fuel (Account 0120100) and Future Use (Account 105100)

MONTHLY BALANCES FOR TEST YEAR														
		Carolinas.FERC 2020 Dec Actuals Periodic YTD	Carolinas.FERC 2021 Jan Actuals Periodic YTD	Carolinas.FERC 2021 Feb Actuals Periodic YTD	Carolinas.FERC 2021 Mar Actuals Periodic YTD	Carolinas.FERC 2021 Apr Actuals Periodic YTD	Carolinas.FERC 2021 May Actuals Periodic YTD	Carolinas.FERC 2021 Jun Actuals Periodic YTD	Carolinas.FERC 2021 Jul Actuals Periodic YTD	Carolinas.FERC 2021 Aug Actuals Periodic YTD	Carolinas.FERC 2021 Sep Actuals Periodic YTD	Carolinas.FERC 2021 Oct Actuals Periodic YTD	Carolinas.FERC 2021 Nov Actuals Periodic YTD	Carolinas.FERC 2021 Dec Actuals Periodic YTD
Accounts:	Descriptions:													
0114000	0114000 - Elec Plant Acquisition Adj	284,106.00	284,106.00	284,106.00	284,106.00	284,106.00	284,106.00	284,106.00	284,106.00	284,106.00	284,106.00	284,106.00	284,106.00	284,106.00
0115000	0115000 - Acc Prov Plt Acquis Adj	(282,655.46)	(282,905.58)	(283,155.70)	(283,405.82)	(283,655.94)	(283,906.06)	(284,156.18)	(284,406.30)	(284,656.42)	(284,906.54)	(285,156.66)	(285,406.78)	(285,656.90)
Note 1	Unamortized Balance	1,450.54	1,200.42	950.30	700.18	450.06	199.94	(50.18)	(300.30)	(550.42)	(800.54)	(1,050.66)	(1,300.78)	(1,550.90)
AMOUNT AMORTIZED FOR THE TEST YEAR														
0425000	0425000 - Miscellaneous Amortization		250.12	250.12	250.12	250.12	250.12	250.12	250.12	250.12	250.12	250.12	250.12	250.12

Note 1 Duke Energy Carolinas' Plant acquisition adjustments currently being amortized to electric plant are:

(1) Doran Textile:

Duke purchased an electrical distribution system from Doran Textiles in Shelby, NC. The original acquisition adjustment amount was \$64,281, amortizing over 29 years starting in October 1992. The monthly amortization amount of \$179 is being amortized to Account 425 Miscellaneous Amortization.

(2) Board of Public Works Gaffney:

Duke purchased an electrical distribution system from the Board of Public Works in Gaffney, SC. The original acquisition adjustment amount was \$25,604, amortizing over 30 years starting in April 1993. The monthly amortization amount of \$71.12 is being amortized to Account 425 Miscellaneous Amortization.

Duke Energy Carolinas, LLC

Item 5D

Docket No. E-7, Sub 1276

Estimated Accounts Payable Applicable to Materials and Supplies

For the test year ending December 31, 2021

Dollars in Millions

January	2021	\$47
February	2021	\$46
March	2021	\$53
April	2021	\$43
May	2021	\$46
June	2021	\$43
July	2021	\$53
August	2021	\$48
September	2021	\$55
October	2021	\$54
November	2021	\$43
December	2021	\$51

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DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 5e

<u>Month</u> (a)	Nuclear Fuel In Process Account No. <u>120.1</u> (b)	Nuclear Fuel Stock Account No. <u>120.2</u> (c)	Nuclear Fuel In Reactor Account No. <u>120.3</u> (d)	Spent Nuclear Fuel Burn Account No. <u>120.4</u> (e)	Nuclear Fuel Assemblies Account No. <u>120.51</u> (f)	Nuclear Fuel Retirements Account No. <u>120.512</u> (g)	Disposal Cost Payment Account No. <u>120.53</u> (g)	Nuclear Fuel Disposal Cost Account No. <u>120.54</u> (h)	Spent Fuel Storage Canisters <u>120.55</u> (h)	Net Nuclear Fuel In Rate Base <u>(c thru h)</u> (i)
Dec-20	280,260,379	1	1,083,569,014	479,726,740	(3,383,812,569)	2,368,602,910			-	548,086,095
Jan-21	289,650,524	1	1,083,569,014	479,726,740	(3,406,726,921)	2,368,602,910			-	525,171,743
Feb-21	270,064,898	14,379,213	1,083,569,014	479,726,740	(3,426,893,422)	2,368,602,910			-	519,384,454
Mar-21	298,879,517	14,379,213	1,083,569,014	479,726,740	(3,449,564,309)	2,368,602,910			-	496,713,567
Apr-21	333,193,010	14,379,213	1,083,569,014	391,432,154	(3,470,760,459)	2,456,897,496			-	475,517,417
May-21	361,161,693	1	1,082,006,878	309,224,365	(3,493,524,956)	2,555,046,632			-	452,752,920
June-21	376,054,267	1	1,082,006,878	309,224,365	(3,515,678,720)	2,555,046,632			-	430,599,156
July-21	384,890,062	1	1,082,006,878	309,224,365	(3,538,554,902)	2,555,046,632			-	407,722,974
Aug-21	340,169,780	75,402,955	1,082,006,878	309,224,365	(3,561,270,341)	2,555,046,632			-	460,410,489
Sept-21	344,685,669	94,105,957	1,082,006,878	309,224,365	(3,580,422,247)	2,555,046,632			-	459,961,586
Oct-21	310,814,033	90,168,313	1,064,030,884	402,603,313	(3,600,911,762)	2,555,046,632			-	510,937,380
Nov-21	314,433,806	71,465,310	1,064,753,815	402,678,883	(3,621,799,777)	2,572,951,133			-	490,049,365
Dec-21	323,922,465	1	1,072,507,768	466,390,240	(3,643,391,130)	2,572,951,133			-	468,458,012
13 Month Total	4,228,180,105	374,280,179	14,029,171,926	5,128,133,373	(45,693,311,512)	32,407,491,194	-	-	-	6,245,765,159
13 Month Average	325,244,623	28,790,783	1,079,167,071	394,471,798	(3,514,870,116)	2,492,883,938	-	-	-	480,443,474

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 5f

Dollars in millions

Jan-21	\$	37
Feb-21	\$	31
Mar-21	\$	21
Apr-21	\$	43
May-21	\$	46
Jun-21	\$	50
Jul-21	\$	20
Aug-21	\$	56
Sep-21	\$	38
Oct-21	\$	30
Nov-21	\$	3
Dec-21	\$	8
Total	\$	384
Average	\$	32

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 5g

Estimated Accounts Payable Applicable to Electric Plant in Service
Dollars in millions

January	2021	\$	(1)
February	2021	\$	(1)
March	2021	\$	(1)
April	2021	\$	(1)
May	2021	\$	(1)
June	2021	\$	(1)
July	2021	\$	(1)
August	2021	\$	(1)
September	2021	\$	(1)
October	2021	\$	(1)
November	2021	\$	(1)
December	2021	\$	(1)
Total		\$	(12)
Average		\$	(1)

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31,2021

Item No. 5h

Estimated Accounts Payable Applicable to Amounts Included in Plant Under Construction
Dollars in millions

January	2021	\$	167
February	2021	\$	227
March	2021	\$	256
April	2021	\$	254
May	2021	\$	277
June	2021	\$	271
July	2021	\$	258
August	2021	\$	276
September	2021	\$	267
October	2021	\$	291
November	2021	\$	286
December	2021	\$	349
Total		\$	3,180
Average		\$	265

NOTE: Amounts include accounts payable related to Plant in Service projects completed but still receiving final charges.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 5(i)

☐ **CONFIDENTIAL**

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Request:

Provide the following total company electric monthly balances for the test year operations:

i. Short-term borrowings and interest expense on short term borrowings.

*If the actual figure is unavailable, provide a reasonable estimate.

Response:

See the attachd file named "DEC NC E-1-5i ST Borrowing and Interest Expense.xlsx"

	2021											
	January	February	March	April	May	June	July	August	September	October	November	December
Short-Term Borrowings (\$s)	655,088,000	582,031,000	508,207,000	28,707,000	-	470,716,000	426,203,000	288,561,000	86,022,000	-	-	226,415,000
Interest Expense on Short-Term Borrowings (\$s)	110,775	85,527	74,825	1,889	(1,308)	30,718	53,745	23,842	26,214	1,679	1,841	6,660

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 6(a-b)

☐ **CONFIDENTIAL**

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Request:

- a. Provide a schedule by bank by months showing the negotiated line of credit, the average daily usage of credit, the compensating bank balance requirement, and the monthly average daily cash balance calculated from the bank statement(s) for each bank having a compensating balance requirement as requested in Format 6a. Also, have available for review during field engagements copies of the commitment letters from each bank which has extended a line of credit outlining the terms of the negotiated line of credit.
- b. If a required compensating balance is provided by a related company, provide an explanation of the arrangement.

Response:

Duke Energy Carolinas does not have any bank accounts with compensating balance requirements.

As of December 31, 2021, Duke Energy Carolinas had an allocated sublimit of \$1.225 billion and a maximum sublimit of \$1.8 billion under the \$8.0 billion master credit facility for Duke Energy Corporation.

In March 2022, Duke Energy amended its existing master credit facility to increase the amount of the facility from \$8.0 billion to \$9.0 billion. As of March 31, 2022, Duke Energy Carolinas had an allocated sublimit of \$1.225 billion and a maximum sublimit of \$2.025 billion.

The above-referenced credit agreement is available for on-site review.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 6(c)

☐ **CONFIDENTIAL**

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Request:

c. Provide a summary of customer deposits as requested in Format 6c. Also, provide a description of the method and frequency of computing and recording interest on customer deposits and the method and frequency of refunding customer deposits.

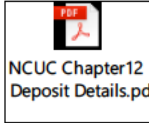
Response:

Please see the attached file named 'DEC NC E1-6(c) Customer Deposits.xlsx'.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E1-6C - Deposits
For the Test Year Ended December 31, 2021

Item No. E1-6c
Customer Deposits

<u>Line No.</u>	<u>Month</u> (a)	<u>Receipts</u> (b)	<u>Refunds</u> (c)	<u>Balance</u> (d)
1	Balance beginning of test year		\$	96,194,214.97
2	January	\$ 3,501,340.11	\$ (3,794,982.24)	95,900,572.83
3	February	2,168,693.29	(2,810,534.50)	95,258,731.62
4	March	2,166,419.01	(4,607,572.97)	92,817,577.66
5	April	50,694.91	(39,364,472.76)	53,503,799.81
6	May	450,384.20	(8,078,361.05)	45,875,822.95
7	June	1,511,029.80	(4,579,245.42)	42,807,607.33
8	July	2,336,882.15	(1,745,930.86)	43,398,558.62
9	August	2,501,404.55	(1,184,363.74)	44,715,599.43
10	September	4,732,961.29	(2,291,345.15)	47,157,215.57
11	October	3,001,895.76	(897,977.57)	49,261,133.76
12	November	2,268,824.22	(1,511,912.24)	50,018,045.74
13	December	2,569,075.21	(5,386,525.02)	47,200,595.93
14	Total (L1 through L13)	27,259,604.50	(76,253,223.54)	804,109,476.21
15	Average balance (L14 : L13)			61,854,575.09
16	Amount of deposits received during test period	\$ 27,259,604.50		
17	Amount of deposits refunded during test period	\$ (76,253,223.54)		
18	Number of deposits on hand end of test year	152,988		
19	Average amount of deposits (L15, Column (d) : L18)	\$ 404.31		
20	Interest paid during test period	\$ 4,242,191.31		
21	Interest accrued during test period	\$ 5,948,179.20		
22	Interest rate	8.0%		

Deposit Review Policies - Legacy & SAP		
		<div>DEC</div> <div>DEP</div>
Commission Rule Relating to Deposits		 <p>NCUC Chapter 12 Deposit Details.pdf</p>
Rule Specific to Collecting a Deposit or Increasing Deposit from Existing Customer (Rules do not speak to specifically to nonresidential deposits)		<p>NC - Rule R12-3 Rule R12-3. Reestablishment of service.</p> <p>(a) An applicant for service who previously has been a customer of the utility and whose service has been discontinued by the utility during the last twelve months of that prior service, because of nonpayment of bills, may be required to reestablish credit in accordance with Rule R12-2 of these rules; except that an applicant for residential service shall not be denied service for failure to pay such bills for classes of nonresidential service.</p> <p>(b) Subject to the additional requirements of Rule R12-17 for telephone utilities, a customer who fails to pay a bill within a reasonable period after it becomes due and who further fails to pay such bill within five (5) days after presentation of a discontinuance of service notice for non-payment of bill (regardless of whether or not service was discontinued for such nonpayment) may be required to pay such bill, together with a reasonable reconnection charge, if service was discontinued after notice as provided in Rule R12-8, and reestablish his credit by depositing the amount prescribed in Rule R12-2 of these rules in case the conditions of service or basis on which credit was originally established have materially changed.</p> <p>(c) A customer may be required to reestablish his credit in accordance with Rule R12-2 of these rules in case the conditions of service or basis on which credit was originally established have materially changed.</p> <p>SC - 103.331</p> <p>A. Each electrical utility may require from any customer or from any prospective customer, a deposit intended to guarantee payment of bills for service, if any of the following conditions exist:</p> <ol style="list-style-type: none"> 1. The customer's past payment record to an electrical utility shows delinquent payment practice, i.e., customer has had two consecutive thirty-day arrears, or more than two non-consecutive thirty-day arrears in the past twenty-four months, or 3. A customer has no deposit and presently is delinquent in payments, i.e., has had two consecutive thirty-day arrears, or more than two non-consecutive thirty-day arrears in the past twenty-four months, or 4. A customer has had his service terminated for non-payment or fraudulent use
Rules Specific to Assessing Deposit for Excessive Late Payments	Legacy	<p>NC - Can increase when the customer's credit materially changes <u>See rules above</u></p> <p>SC - Can increase after the 2nd consecutive 30-day arrears or more than 2 nonconsecutive 30-day arrears in the past 24 months <u>See rules above</u></p>

Deposit Review Policies - Legacy & SAP			
		DEC	DEP
Amount of Deposit Allowed	Legacy	NC 2/12 annual usage; SC 2 month estimated bill (new customer) 2 highest consecutive months for existing customers	
	SAP	Average monthly bill X 3	Average monthly bill X 4
Release of Deposit	Legacy	<u>Residential</u> 12 months good pay or released in 3 years (regardless of payment history) <u>Nonresidential</u> Held for the life of account or deemed credit worthy	<u>Residential</u> NC - 12 months good pay SC - 24 months good pay <u>Nonresidential</u> Held for the life of account or deemed credit worthy
	SAP	Security deposits held on the account, until the customer establishes good pay or the account becomes inactive. In addition, the account must be current and have no active Installment Plan to qualify for deposit release. <u>Residential</u> Automatically applied to the bill, once nine (9) consecutive months of on-time payments or 12 months of service with no more than two (2) late fees <u>Nonresidential</u> Established 24 months of on time payments Under threshold (\$2,500) - automatically applied to the account Over threshold - back office review	
Deposit Interest Accrued & Rate	Legacy	NC - Begins on the 91st day after the deposit is paid; 8% SC - Accrues upon receipt of payment, but only awarded if the deposit is held for six months or more	
	SAP	Same as Legacy	
Deposit Interest Applied	Legacy	Even years (first weekend in August)	Not released
	SAP	Yearly in August	Yearly in July

Deposit Review Policies - Legacy & SAP			
		DEC	DEP
Deposit Eligibility Determination	Legacy	<p>Deposit satisfied prior to begin service</p> <p><u>Residential</u> New customer - credit check Existing customer - review previous 12 months of payment history</p> <p><u>Nonresidential</u> New customer - deposit eligible Existing customer - review previous 24 months of payment history</p>	<p>Deposit added to first month bill (residential & nonresidential) Up to 2 installments (residential)</p> <p><u>Residential</u> New customer - credit check Existing customer - review previous 12 months of payment history</p> <p><u>Nonresidential</u> New customer - deposit eligible Existing customer - review previous 24 months of payment history</p>
	SAP	<p><u>Residential</u> New customer - credit check Existing customer - no more than two late payments in the last 12 months & service has not been disconnect non-pay; deposit not required</p> <p><u>Nonresidential</u> New customer - deposit eligible Existing customer - no more than two late payments in the last 24 months & service has not been disconnect non-pay; deposit not required</p>	
Deposit Eligibility Determination (Customer Moving Between Jurisdictions)	Legacy	<p><u>Residential</u> Accounts Receivable Operational Team reviewed moving from jurisdiction payment history for deposit decision</p> <p><u>Nonresidential</u> N/A - Deposit Eligibility Determination used</p>	
	SAP	SAP reviews payment history from other jurisdiction to determine if deposit warranted	
	Legacy	<p><u>Residential</u> Cash, guarantor</p> <p><u>Nonresidential</u> Cash, surety bond & irrevocable letter of credit</p>	

Deposit Review Policies - Legacy & SAP			
		DEC	DEP
Deposit Options	SAP	<u>Residential</u> Cash, guarantor, letter of credit <u>Nonresidential</u> Cash, surety bond & irrevocable letter of credit	
Deposit Required After Reconnect Non-Payment	Legacy	Yes	
	SAP	Yes, if not secured or under secured (residential \$50 & nonresidential \$100 threshold)	
Deposit Required After Returned Payment	Legacy	No	Yes, when the payment was made on a delinquent account, to stop a non-pay disconnect, or rescinded by credit card chargeback (not a bank error)
	SAP	No	
Deposit Required After Late Payment	Legacy	12 24-hour disconnect notices in the immediate rolling 12 month period for residential; 12 delinquent notices in the immediate rolling 12 month period for non-residential	12 24-hour disconnect notices in the past 12 months <u>(subject to change)</u> for residential; non-residential accounts may be assessed when insufficient regardless of payment record
	SAP	No	
Deposit Required After Insolvent / Risk (Nonresidential)	Legacy	Yes	
	SAP	Same as Legacy	
Deposit Review Threshold	Legacy	\$25 deficient	<u>Residential</u> \$75 deficient for reconnect non-payment, returned payment, and excessive late <u>Nonresidential</u> \$300 deficient for reconnect non-payment and returned items (insufficient deposits are routinely reviewed and adjusted regardless of payment record)
	SAP	<u>Yearly Deposit Review</u> Under secured - residential \$50 & nonresidential \$100 threshold; difference posted as a new deposit Over secured - no threshold & applied to bill	

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 7

☐ **CONFIDENTIAL**

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Request:

Provide the following information for each item of electric property held for future use at the end of the test year:

- a. A description of property,
- b. Its location,
- c. Date purchased,
- d. Cost,
- e. Estimated date to be placed in service, and
- f. A brief description of intended use.

Response:

Please see "DEC NC E1-7 Held for Future Use.xlsx"

Duke Energy Carolinas, LLC
Docket No. E-7, Sub 1276
E1-7- Land Held For Future Use
For the test year ended December 31, 2021

DESCRIPTION	LOCATION COUNTY-STATE	DATE PURCHASED OR BOOK VINTAGE YR	COST	ESTIMATED DATE TO BE USED	DESCRIPTION OF INTENDED USE
ACCOUNT 105.10					
DISTRIBUTION					
PATTERSON AVENUE RETAIL SUBSTATION LAND	CLEVELAND, NC	2017	949,958.24	2026	DISTRIBUTION SUBSTATION
CANTERBURY RETAIL RIGHT OF WAY	GREENVILLE, SC	2016	158,488.87	2024	DISTRIBUTION RIGHT OF WAY
E HICKORY RET SUBSTATION LAND & RIGHT OF WAY	CATAWBA, NC	2017	68,087.67	2025	DISTRIBUTION SUBSTATION & RIGHT OF WAY
SUGAR HILL RET SUBSTATION LAND	MCDOWELL, NC	2017	42,455.92	2024	DISTRIBUTION SUBSTATION
PATIMBY RET SUBSTATION LAND	MECKLENBURG, NC	2017	27,598.03	2027	DISTRIBUTION SUBSTATION
HARRISON BRIDGE RET 100KV TAP RIGHT OF WAY	GREENVILLE, SC	2015	13,206.88	2025	DISTRIBUTION RIGHT OF WAY
CARVER ST RET SUBSTATION LAND	YORK, SC	2020	10,000.00	2022	DISTRIBUTION SUBSTATION
FISHTRAP RET SUBSTATION LAND	PICKENS, SC	2020	(148.29)	2022	DISTRIBUTION SUBSTATION
BRYANT ST RET RIGHT OF WAY	WILKES, NC	2018	(42,424.80)	2022	DISTRIBUTION RIGHT OF WAY
TOTAL DISTRIBUTION			1,227,222.52		
TRANSMISSION					
LIBERTY SITE RIGHT OF WAY	GUILFORD, NC	2017	385,745.31	2024	TRANSMISSION RIGHT OF WAY
HWY 160 RET 100KV TAP LINE RIGHT OF WAY	YORK, SC	2021	93,802.22	2022	TRANSMISSION RIGHT OF WAY
GALENOR/LENOIR 203-100KV RIGHT OF WAY	CALDWELL, NC	2017	83,077.94	2040	TRANSMISSION RIGHT OF WAY
SC TRAN LINES - BELOW 44KV TAP LINE RIGHT OF WAY	SOUTH CAROLINA	2017	49,570.59	2024	TRANSMISSION RIGHT OF WAY
PRESTON PARK RIGHT OF WAY	MECKLENBURG, NC	2019	2,677.73	2022	TRANSMISSION RIGHT OF WAY
NC TRAN LINES - BELOW 44KV - ROCKFORD 44KV LINE RIGHT OF WAY	NORTH CAROLINA	2018	15.40	2022	TRANSMISSION RIGHT OF WAY
TOTAL TRANSMISSION			614,889.19		
OTHER					
MCGUIRE PLT MECKLENBURG INSURABLE	MECKLENBURG, NC	2021	20,180.90	2023	NUCLEAR
TOTAL OTHER			20,180.90		
TOTAL 105.10			1,862,292.61		

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Jan 19 2023

Duke Energy Carolinas, LLC
Docket No. E-7, Sub 1276
E1-7- Land Held For Future Use
For the test year ended December 31, 2021

DESCRIPTION	LOCATION	DATE		ESTIMATED	DESCRIPTION OF
ACCOUNT 105.20	COUNTY-STATE	PURCHASED OR BOOK VINTAGE YR	COST	DATE TO BE USED	INTENDED USE
DISTRIBUTION					
RICHBURG RETAIL SUBSTATION LAND	CHESTER, SC	2019	1,524,739.56	2026	DISTRIBUTION SUBSTATION
FURR ROAD RETAIL SUBSTATION LAND	MECKLENBURG, NC	2011	1,227,200.11	2022	DISTRIBUTION SUBSTATION
N ALEXANDER ST RETAIL SUBSTATION LAND	MECKLENBURG, NC	2012	959,966.94	2026	DISTRIBUTION SUBSTATION
FERNCLIFF RET 115/23 kV SUBSTATION LAND	DAVIE, NC	2018	886,507.93	2030	DISTRIBUTION SUBSTATION
BELMEADE RETAIL SUBSTATION LAND	MECKLENBURG, NC	2012	804,674.45	2025	DISTRIBUTION SUBSTATION
WRENN RET SUBSTATION LAND	ANDERSON, SC	2020	798,078.12	2024	DISTRIBUTION SUBSTATION
PATTERSON AVE RET TRANS LINE RIGHT OF WAY	CLEVELAND, NC	2021	711,194.52	2026	DISTRIBUTION RIGHT OF WAY
STOKESDALE RETAIL TRANS LINE RIGHT OF WAY	GUILFORD, NC	2021	642,139.50	2025	DISTRIBUTION RIGHT OF WAY
KANOY RETAIL SUBSTATION LAND	DAVIDSON, NC	2013	169,925.86	2026	DISTRIBUTION SUBSTATION
KANOY RETAIL SUBSTATION RIGHT OF WAY	DAVIDSON, NC	2010	405,934.68	2026	DISTRIBUTION RIGHT OF WAY
BRANSON MILL RD RETAIL SUBSTATION LAND	RANDOLPH, NC	2013	542,992.41	2022	DISTRIBUTION SUBSTATION
BRANSON MILL RD RETAIL SUBSTATION RIGHT OF WAY	RANDOLPH, NC	2013	29,425.79	2022	DISTRIBUTION RIGHT OF WAY
SHOFFNER RETAIL SUBSTATION LAND	GUILFORD, NC	2009	512,692.68	2026	DISTRIBUTION SUBSTATION
KERWIN CIRCLE RETAIL SUBSTATION LAND	FORSYTH, NC	2009	512,463.07	2022	DISTRIBUTION SUBSTATION
WALNUT COVE RIGHT OF WAY	STOKES, NC	2020	503,274.87	2024	DISTRIBUTION RIGHT OF WAY
DORMAN RD RETAIL SUBSTATION LAND	MECKLENBURG, NC	2012	459,799.60	2026	DISTRIBUTION SUBSTATION
CALICO RD RETAIL SUBSTATION LAND	CALDWELL, NC	2012	427,770.74	2024	DISTRIBUTION SUBSTATION
CANTERBURY RETAIL LAND	GREENVILLE, SC	2018	415,863.78	2023	DISTRIBUTION LINES
EDGEFIELD RETAIL SUBSTATION LAND	GUILFORD, NC	2012	370,486.20	2025	DISTRIBUTION SUBSTATION
EDGEFIELD RETAIL SUBSTATION RIGHT OF WAY	GUILFORD, NC	2013	40,100.52	2025	DISTRIBUTION RIGHT OF WAY
REVOLUTION MILL RETAIL SUBSTATION LAND	GUILFORD, NC	2011	381,534.79	2026	DISTRIBUTION SUBSTATION
REVOLUTION MILL RETAIL SUBSTATION RIGHT OF WAY	GUILFORD, NC	2011	18,722.55	2026	DISTRIBUTION RIGHT OF WAY
VOSS CREEK RET SUBSTATION LAND & RIGHT OF WAY	STOKES, NC	2018	398,240.16	2024	DISTRIBUTION SUBSTATION & RIGHT OF WAY
HIGHWAY 24 RETAIL SUBSTATION LAND	ANDERSON, SC	2008	325,327.61	2022	DISTRIBUTION SUBSTATION
HIGHWAY 24 RETAIL SUBSTATION RIGHT OF WAY	ANDERSON, SC	2008	58,870.35	2022	DISTRIBUTION RIGHT OF WAY
LONG ISLAND ROAD RETAIL LAND	CATAWBA, NC	2009	308,737.73	2022	DISTRIBUTION LAND
LONG ISLAND ROAD RETAIL RIGHT OF WAY	CATAWBA, NC	2009	60,943.72	2022	DISTRIBUTION RIGHT OF WAY
ROEBUCK RETAIL LAND	SPARTANBURG, SC	2012	364,453.29	2024	DISTRIBUTION LAND
RICHBURG RETAIL STATION RIGHT OF WAY	CHESTER, SC	2018	317,350.74	2026	DISTRIBUTION RIGHT OF WAY
SKYLAND RETAIL SUBSTATION LAND	FORSYTH, NC	1990	303,819.00	2025	DISTRIBUTION SUBSTATION
LITTLE MOUNTAIN ROAD RETAIL LAND	GASTON, NC	2008	282,811.17	2022	DISTRIBUTION LAND
N ALEXANDER ST RIGHT OF WAY	MECKLENBURG, NC	2020	266,625.54	2024	DISTRIBUTION RIGHT OF WAY
SNOW CAMP RETAIL SUBSTATION LAND	ALAMANCE, NC	2010	176,414.67	2023	DISTRIBUTION SUBSTATION
HERMAN RD RETAIL SUBSTATION LAND	CATAWBA NC	2016	141,280.16	2025	DISTRIBUTION SUBSTATION
STEAM PLANT RD RET SUBSTATION LAND	CATAWBA NC	2011	138,086.22	2025	DISTRIBUTION SUBSTATION
MAYO RETAIL TRANS LINE RIGHT OF WAY	PERSON, SC	2018	125,459.47	2023	DISTRIBUTION RIGHT OF WAY
ZZ - MCADENVILLE RET SUBSTATION LAND	GASTON, NC	1996	78,792.00	2025	DISTRIBUTION SUBSTATION
SNOW CAMP RETAIL 100 KV RIGHT OF WAY	ALAMANCE, NC	2010	70,338.65	2023	DISTRIBUTION RIGHT OF WAY
SANDY RIVER RET SUBSTATION LAND	CHESTER, SC	1996	51,311.00	2022	DISTRIBUTION SUBSTATION
SOCK HILL RETAIL RIGHT OF WAY	SPARTANBURG, SC	2017	50,878.49	2022	DISTRIBUTION RIGHT OF WAY
MORAVIAN FALLS RETAIL SUBSTATION RIGHT OF WAY	WILKES, NC	2019	43,360.42	2029	DISTRIBUTION RIGHT OF WAY
BURKES RETAIL SUBSTATION LAND	ORANGE, NC	1981	39,317.00	2025	DISTRIBUTION SUBSTATION
RABBIT CROSSING RETAIL RIGHT OF WAY	CATAWBA, NC	2014	37,619.04	2025	DISTRIBUTION RIGHT OF WAY
STAMP CREEK LOT RIGHT OF WAY	OCONEE, SC	2011	34,625.32	2022	DISTRIBUTION RIGHT OF WAY
PARIS MTN SUBSTATION LAND	GREENVILLE, SC	1980	24,582.00	2025	DISTRIBUTION SUBSTATION
DUNNS MTN RET SUBSTATION LAND	ROWAN, NC	1981	14,473.00	2025	DISTRIBUTION SUBSTATION
YOUNGS RD RET SUBSTATION LAND	GUILFORD, NC	1980	10,951.00	2022	DISTRIBUTION SUBSTATION
RABBIT CROSSING RETAIL SUBSTATION LAND	CATAWBA, NC	2014	10,711.31	2025	DISTRIBUTION SUBSTATION
LYMAN RET SUBSTATION LAND	SPARTANBURG, SC	1980	10,396.00	2022	DISTRIBUTION SUBSTATION
CAMPBELL RET SUBSTATION LAND	ANDERSON, SC	1980	8,116.00	2022	DISTRIBUTION SUBSTATION
STAMP CREEK LOT SUBSTATION LAND	OCONEE, SC	1980	4,770.97	2022	DISTRIBUTION SUBSTATION
HARRIS LOT SANDYMUSH SUBSTATION LAND	RUTHERFORD, NC	1980	4,374.00	2025	DISTRIBUTION SUBSTATION
HIGHWAY 87 RETAIL SUBSTATION LAND	ALAMANCE, NC	2018	1,909.31	2029	DISTRIBUTION SUBSTATION
DUTCHMAN CRK SUBSTATION LAND	FAIRFIELD, SC	1981	1,356.00	2023	DISTRIBUTION SUBSTATION
PLATO LEE RET SUBSTATION LAND	CLEVELAND, NC	2018	(214.20)	2022	DISTRIBUTION SUBSTATION
TOTAL DISTRIBUTION			16,111,575.81		
TRANSMISSION					
LAKE NORMAN 525KV RIGHT OF WAY	MECKLENBURG, NC	1980	937,983.00	2024	TRANSMISSION RIGHT OF WAY
DEATH VALLEY RETAIL SUBSTATION RIGHT OF WAY	PICKENS, SC	2020	835,301.23	2022	TRANSMISSION RIGHT OF WAY
BELAIR SWITCHING STATION LAND	GUILFORD, NC	1991	210,046.00	2024	TRANSMISSION TIE STATION
SPRINGFIELD TAP RIGHT OF WAY	MECKLENBURG, NC	2019	170,979.40	2024	TRANSMISSION RIGHT OF WAY
TOTAL TRANSMISSION			2,154,309.63		
OTHER					
LEE NUCELAR PLANT COMMON LAND	CHEROKEE, SC	2019	40,939,831.00	2030	NUCLEAR PLANT LAND
KEOWEE PLT PICKENS INSURABLE LAND	PICKENS, SC	2016	284,914.70	2030	HYDRO LAND
BUZZARD ROOST COMBUSTION TURBINES LAND	GREENWOOD, SC	2003	42,099.00	2022	COMBUSTION TURBINES LAND
TOTAL OTHER			41,266,844.70		
TOTAL 105.20			59,532,730.14		

Duke Energy Carolinas, LLC
Docket No. E-7, Sub 1276
E1-7- Land Held For Future Use
For the test year ended December 31, 2021

DESCRIPTION ACCOUNT 105.30	LOCATION COUNTY-STATE	DATE PURCHASED OR BOOK VINTAGE YR	COST	ESTIMATED DATE TO BE USED	DESCRIPTION OF INTENDED USE
DISTRIBUTION					
	HARRISON BRIDGE SUBSTATION LAND	GREENVILLE, SC	2021	67,938.75	2025 DISTRIBUTION SUBSTATION
	TOTAL DISTRIBUTION			67,938.75	
TRANSMISSION					
	GALENOR/LENOIR 203-100KV RIGHT OF WAY	CALDWELL, NC	2020	295,458.99	2036 TRANSMISSION RIGHT OF WAY
	TARRANT RD SWITCHING STATION LAND	GUILFORD, NC	2018	3,392.15	2023 TRANSMISSION SUBSTATION
	TOTAL TRANSMISSION			298,851.14	
TOTAL 105.30				366,789.89	

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 8

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Request:

- a. Provide schedules in comparative form showing by months for the test year the total company balance in each electric plant and reserve account, or subaccount included in the applicant's chart of accounts as shown in Format 8a.
- b. Provide a statement of electric plant in service per company books for the test year. See Format 8b.

Response:

Please see attached file DEC NC E1-8a and 8b Plant in Service.xlsx

DUKE ENERGY CAROLINAS, LLC
Docket No. E 7, Sub 1276
NCUC Form E 1 Data Request
For the test year ended December 31,2021

Item No. 8a

MONTHLY BALANCES IN TOTAL COMPANY ELECTRIC PLANT ACCOUNTS

Accounts:	Descriptions:	December 2020	January 2021	February 2021	March 2021	April 2021	May 2021	June 2021	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021
0101000	0101000 - Property Plant & Equipment	39 578 217 794	39 672 115 262	39 823 471 937	39 842 703 281	39 874 078 666	39 984 638 131	40 112 101 049	40 378 782 031	40 731 239 441	40 873 219 525	41 021 685 634	41 349 299 666	41 159 263 007
0101102	0101102 - Oper Lease Right of Use Asset	165 867 995	145 102 112	145 102 112	145 102 112	143 802 426	143 802 426	145 671 759	145 671 759	144 898 269	144 898 269	145 950 048	147 787 327	147 261 526
0101103	0101103 - Cap Lease Rate Base	54 893 741	54 893 741	54 893 741	54 893 741	54 893 741	54 893 741	54 893 741	54 893 741	54 893 741	54 893 741	54 893 741	54 893 741	54 893 741
0101315	0101315 - ARO Asset- Coal Ash	2 218 314 372	2 216 054 152	2 216 054 152	2 216 054 152	2 216 054 152	2 216 054 152	2 216 054 152	2 216 054 152	2 216 054 152	2 216 054 152	2 216 054 152	2 051 409 669	2 051 409 669
0101360	0101360 - Cap Lease Rate Base (I/C)	279 769 138	279 769 138	279 769 138	279 769 138	279 769 138	279 769 138	279 769 138	279 769 138	279 769 138	279 769 138	279 769 138	279 769 138	279 769 138
0101499	0101499 - Asset Retirement Obligations	(223 546 416)	(223 546 416)	(217 606 716)	(217 606 716)	(217 606 716)	(217 606 716)	(217 606 716)	(217 606 716)	(217 606 716)	(217 606 716)	(217 606 716)	(217 875 383)	(216 002 657)
0105100	0105100 - PIt Held For Future Use-Wo Sys	2 807 103	2 811 137	2 816 542	2 472 777	2 481 766	2 481 766	2 490 201	2 431 312	1 905 892	1 905 892	1 933 044	1 862 291	1 862 291
0105200	0105200 - PIt Held For Future Use-Prs	58 725 682	58 694 823	58 694 823	59 530 124	61 100 174	61 083 331	61 083 331	61 083 331	61 083 331	61 083 331	64 612 614	62 377 112	59 532 732
0105300	0105300 - Comp Future Use Unclassified	5 212 997	5 595 426	6 470 844	5 655 610	4 012 284	4 007 044	4 671 456	4 641 460	4 641 460	2 695 098	2 695 098	2 695 098	366 790
0106000	0106000 - Comp Const Unclassified	5 055 151 561	5 159 505 668	5 134 115 307	5 242 053 989	5 345 207 744	5 429 775 201	5 351 960 907	5 183 779 664	4 899 638 850	4 839 811 359	4 830 351 960	4 632 322 349	4 600 120 857
0107000	0107000 - SCHM Cwip	1 552 789 642	1 480 362 172	1 500 558 212	1 437 810 097	1 453 838 447	1 507 173 566	1 556 573 981	1 635 513 923	1 714 901 679	1 794 995 277	1 884 499 533	1 946 399 782	1 989 105 103
0107004	0107004 - SCHM Cwip (SOFTWARE)	82 362 484	86 993 125	92 551 635	94 734 984	103 082 904	27 811 798	63 586 258	79 277 050	80 209 481	82 076 696	79 716 606	81 470 751	85 568 545
0107950	0107950 - Allocated - Common Cwip	871	871	871	871	871	871	871	871	871	871	871	871	871
0108000	0108000 - Accumulated DD&A-PP&E	(15 100 336 405)	(15 189 703 016)	(15 290 577 024)	(15 255 905 397)	(15 309 835 822)	(15 367 935 123)	(15 408 651 130)	(15 488 504 276)	(15 508 090 755)	(15 548 703 201)	(15 619 936 519)	(15 693 023 269)	(15 380 602 593)
0108202	0108202 - Accumulated DD&A-ROU Asset	(55 946 093)	(36 903 234)	(38 630 265)	(40 168 149)	(40 715 593)	(42 398 345)	(45 400 624)	(47 143 103)	(48 574 072)	(50 319 980)	(50 680 585)	(53 750 703)	(55 030 349)
0108203	0108203 - Acc DD&A-Cap Rate Base	(5 718 097)	(5 946 821)	(6 175 545)	(6 404 269)	(6 632 993)	(6 861 717)	(7 090 440)	(7 319 164)	(7 547 888)	(7 776 612)	(8 005 336)	(8 234 060)	(8 462 784)
0108301	0108301 - Accum Depreciation COR	(1 953 213 225)	(1 958 745 423)	(1 963 736 525)	(1 965 392 797)	(1 971 956 520)	(1 973 911 480)	(1 976 108 907)	(1 973 212 735)	(1 955 012 783)	(1 955 635 234)	(1 947 376 779)	(1 941 247 616)	(1 915 745 582)
0108315	0108315 - ARO Accum Depr - Coal Ash	(460 375 044)	(473 384 066)	(483 203 898)	(493 023 730)	(502 843 561)	(512 663 394)	(522 483 227)	(532 303 055)	(542 122 887)	(551 942 718)	(561 762 545)	(571 582 377)	(583 647 071)
0108350	0108350 - IC Lease-Acc Depr & Amort	(38 270)	(48 679)	(59 088)	(38 260)	(38 260)	(27 851)	(28 963)	(39 372)	(39 372)	(39 372)	(39 372)	(39 372)	(28 963)
0108360	0108360 - Acc DD&A-Cap Rate Base (I/C)	(17 033 411)	(17 649 016)	(18 264 546)	(19 104 185)	(19 537 254)	(20 173 677)	(20 798 442)	(21 413 883)	(22 039 705)	(22 665 497)	(23 291 261)	(23 916 997)	(24 553 112)
0108499	0108499 - ARO Asset Accum Depreciation	107 979 068	108 444 160	108 909 252	109 350 679	109 792 108	110 233 535	110 674 963	111 116 392	111 557 819	111 999 247	112 440 675	112 882 103	113 324 547
0108600	0108600 - SCHM Retirement Wip	(170 297 430)	(156 346 669)	(143 002 626)	(136 140 572)	(137 600 016)	(141 102 527)	(146 112 653)	(143 951 703)	(142 041 501)	(141 293 611)	(141 513 746)	(140 230 830)	(145 928 649)
0108620	0108620 - RWIP - Reg Liab	574 310 428	582 740 578	590 765 129	590 287 524	600 508 944	606 616 746	609 191 445	613 746 965	600 855 118	605 641 150	607 851 859	610 510 500	598 324 165
0108640	0108640 - ARO Liability - Ash Mgmt	299	(938 928)	(0)	377 398	(377 577)	(0)	(0)	(0)	112	(0)	2 975 858	(0)	(0)
0111100	0111100 - Acc Prov-Amor PIt In Ser	(752 980 017)	(758 678 842)	(763 819 622)	(769 052 671)	(774 779 740)	(780 630 058)	(786 843 064)	(794 319 831)	(800 386 334)	(805 555 262)	(811 624 022)	(818 829 674)	(744 460 360)
0114000	0114000 - Plant Acquisition Adj	284 106	284 106	284 106	284 106	284 106	284 106	284 106	284 106	284 106	284 106	284 106	284 106	284 106
0115000	0115000 - Acc Prov PIt Acquis Adj	(282 655)	(282 906)	(283 156)	(283 406)	(283 656)	(283 906)	(284 156)	(284 406)	(284 656)	(284 907)	(285 157)	(285 407)	(285 657)
0118300	0118300 - Other Utility Cwip	0	0	0	0	0	0	0	0	0	0	0	0	0
0120100	0120100 - Nuclear Fuel In Process	280 260 379	289 650 524	270 064 898	298 879 517	333 193 010	361 161 693	376 054 267	384 890 062	340 169 780	344 685 669	310 814 033	314 433 806	323 922 045
0120200	0120200 - Nuclear Fuel Material & Assemb	1	1	14 379 213	14 379 213	14 379 213	1	1	1	75 402 955	94 105 957	90 168 313	71 465 310	1
0120300	0120300 - Nuc Fuel Assemblies In Reactor	1 083 569 014	1 083 569 014	1 083 569 014	1 083 569 014	1 083 569 014	1 082 006 878	1 082 006 878	1 082 006 878	1 082 006 878	1 082 006 878	1 064 030 884	1 064 753 815	1 072 507 768
0120400	0120400 - Spent Fuel Nuclear Fuel Assemblies	479 726 740	479 726 740	479 726 740	479 726 740	391 432 154	309 224 365	309 224 365	309 224 365	309 224 365	309 224 365	402 630 313	402 678 883	466 390 240
0120510	0120510 - Acc Amor-Nuc Fuel Assemblies	(3 383 812 569)	(3 406 726 921)	(3 426 893 422)	(3 449 564 309)	(3 470 760 459)	(3 493 524 956)	(3 515 678 720)	(3 538 554 902)	(3 561 270 341)	(3 580 422 247)	(3 600 911 762)	(3 621 799 777)	(3 643 391 130)
0120512	0120512 - Nuclear Fuel Retirements	2 368 602 910	2 368 602 910	2 368 602 910	2 368 602 910	2 456 897 496	2 555 046 632	2 555 046 632	2 555 046 632	2 555 046 632	2 555 046 632	2 555 046 632	2 572 951 133	2 572 951 133
NET UTILITY PLANT		31 825 266 690	31 846 014 722	31 878 548 143	31 973 553 516	32 075 405 395	32 178 945 373	32 244 246 960	32 333 619 575	32 459 292 480	32 575 681 280	32 743 086 182	32 669 502 740	32 858 719 788

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Duke Energy Carolinas
DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31,2021

Item No. 8b

Account No.	Account Title	Beginning Balance 12/31/2020	Additions	Retirements	Adjustments	Transfers In (Out)	Ending Balance 12/31/2021
INTANGIBLE PLANT							
0301000	301 Organization	-	-	-	-	-	-
0302000	302 Franchises and Consents	191,903,015	15,143,662	-	-	-	207,046,677
0303000	303 Misc. Intangible Plant	860,233,828	181,734,646	(80,404,312)	-	5,674,093	967,238,255
0106000	106 Comptled constr-not classified	41,924,590	(10,032,555)	-	-	-	31,892,035
	Total Intangible Plant	1,094,061,433	186,845,753	(80,404,312)	-	5,674,093	1,206,176,967
FOSSIL							
0310000	310 Land & Rights	31,852,983	820,325	(478,735)	-	-	32,194,573
0311000	311 Structures & Improvements	1,358,128,037	33,068,902	(14,709,179)	-	-	1,376,487,760
0312000	312 Boiler Plant Equipment	5,686,384,590	277,860,052	(361,524,384)	-	-	5,602,720,258
0314000	314 Turbogenerator Units	938,675,502	16,947,401	(90,504,047)	-	-	865,118,856
0315000	315 Accessory Electric Equipment	392,564,748	5,776,082	(14,492,365)	-	-	383,848,465
0316000	316 Misc Equipment-Power Plant	363,060,740	4,082,790	(1,012,989)	-	-	366,130,541
0317000	317 Asset Retirement Obligation - Fossil	2,232,600,055	-	(81,433,699)	(85,471,003)	-	2,065,695,353
0106000	106 Comptled constr-not classified	407,849,849	(157,377,554)	-	-	-	250,472,295
	Total Fossil	11,411,116,504	181,177,998	(564,155,397)	(85,471,003)	-	10,942,668,102
NUCLEAR							
0320000	320 Land & Rights	3,041,443	-	-	-	-	3,041,443
0321000	321 Structures & Improvements	1,882,845,276	40,572,921	(7,314,707)	-	-	1,916,103,490
0322000	322 Reactor Plant Equipment	3,753,082,674	89,361,952	(25,748,707)	-	-	3,816,695,919
0323000	323 Turbogenerator Units	914,988,726	117,279,606	(1,058,405)	-	-	1,031,209,927
0324000	324 Accessory Electric Equipment	1,239,137,122	22,471,795	(1,962,438)	-	(399,317)	1,259,247,163
0325000	325 Misc Equip-Power Plant	582,405,986	28,860,932	(111,815)	-	7,946,916	619,102,019
0326000	326 Asset Retirement Costs - Nuclear	(251,515,769)	-	-	-	-	(251,515,769)
0106000	106 Comptled constr-not classified	569,845,538	(81,591,181)	-	-	-	488,254,357
	Total Nuclear	8,693,830,996	216,956,025	(36,196,071)	-	7,547,599	8,882,138,549
HYDRO							
0330000	330 Land & Rights	52,084,291	87,779	-	-	-	52,172,070
0331000	331 Structures & Improvements	428,378,358	10,909,653	(219,494)	-	-	439,068,517
0332000	332 Reservoirs, Dams, & Waterways	858,261,751	15,598,761	(2,285,655)	-	-	871,574,857
0333000	333 Water Wheels, Turbines & Gen	666,229,744	23,985,453	(34,106,316)	-	-	656,108,881
0334000	334 Accessory Electric Equipment	140,394,346	1,050,236	(206,976)	-	399,319	141,636,925
0335000	335 Misc Equipment-Power Plant	52,122,737	1,640,935	(58,297)	-	-	53,705,375
0336000	336 Roads, Railroads & Bridges	22,815,544	-	-	-	-	22,815,544
0337000	337 Asset Retirement Costs - Hydro	-	-	3,476,501	(3,476,501)	-	(0)
0106000	106 Comptled constr-not classified	264,265,158	59,736,494	-	-	-	324,001,652
	Total Hydro	2,484,551,929	113,009,311	(33,400,237)	(3,476,501)	399,319	2,561,083,821
OTHER PROD.							
0340000	340 Land & Land Rights	9,231,456	-	-	-	30,859	9,262,315
0341000	341 Structures & Improvements	507,239,648	827,946	(250,872)	-	-	507,816,722
0342000	342 Fuel Holders, Producers/Access.	182,689,705	260,235	(45,360)	-	-	182,904,580
0343000	343 Prime Movers	1,094,262,014	62,868,400	(10,604,370)	-	-	1,146,526,044
0344000	344 Generators	1,130,997,247	5,610,246	8,319	-	-	1,136,615,812
0345000	345 Accessory Electric Equipment	192,337,627	1,480,526	(1,846,120)	-	(66,306)	191,905,727
0346000	346 Misc Power Plant Equipment	38,764,814	2,314,643	(119,999)	-	-	40,959,458
0347000	347 ARO - Solar Panels	14,615,006	7,543,758	-	-	-	22,158,764
0106000	106 Comptled constr-not classified	177,634,221	53,224,647	-	-	-	230,858,868
	Total Other Prod.	3,347,771,738	134,130,401	(12,858,402)	-	(35,447)	3,469,008,290
TRANSMISSION							
0350000	350 Land & Land Rights	202,027,407	313,577	(709,769)	-	1,067,238	202,698,453
0352000	352 Structures & Improvements	119,931,874	3,814,135	(3,407,515)	-	(2,161,041)	118,177,453
0353000	353 Station Equipment	1,911,990,522	127,969,158	(28,615,503)	-	(30,060,980)	1,981,283,197
0354000	354 Towers & Fixtures	535,153,911	3,331,766	(4,665,368)	-	(75,108)	533,745,201
0355000	355 Poles & Fixtures	476,873,674	6,921,076	(3,363,912)	-	75,108	480,505,946
0356000	356 Overhead Conductors & Devices	711,756,130	44,002,846	(7,946,961)	-	-	747,812,015
0357000	357 Underground Conduit	154,334	-	(56)	-	-	154,278
0358000	358 Undergr Conductors & Devices	6,656,727	-	(1,270)	-	-	6,655,457
0359000	359 Roads and Trails	42,238	-	-	-	-	42,238
0106000	106 Comptled constr-not classified	769,223,809	121,510,916	-	-	2,145,307	892,880,032
	Total Transmission	4,733,810,626	307,863,474	(48,710,354)	-	(29,009,476)	4,963,954,270
DISTRIBUTION							
0360000	360 Land & Land Rights	65,365,275	5,032,189	-	-	5,743,795	76,141,259
0361000	361 Structures and Improvements	122,133,100	4,514,735	(1,548,348)	-	3,774,611	128,874,098
0362000	362 Station Equipment	1,277,548,589	50,625,373	(11,651,740)	-	30,060,980	1,346,583,202
0364000	364 Poles, Towers, and Fixtures	1,433,934,168	122,532,934	(11,250,356)	-	-	1,545,216,746
0365000	365 Overhead Conductors & Devices	2,031,365,389	232,537,925	(62,571,967)	-	378,919	2,201,710,266
0366000	366 Underground Conduit	200,497,885	34,040,678	(918,785)	-	-	233,619,778
0367000	367 Undergrd. Conductors & Devices	1,949,365,631	309,323,884	(20,969,923)	-	-	2,237,719,592
0368000	368 Line Transformers	1,422,461,654	138,404,761	(5,698,801)	-	-	1,555,167,614
0369000	369 Services	1,074,969,660	3,131,917	(1,538,069)	-	-	1,076,563,508
0370000	370 Meters	540,256,893	16,352,439	(10,594,528)	-	-	546,014,804
0371000	371 Cust Premises/Load Cntrl Devices	840,981,162	106,649,178	(24,522,549)	-	-	923,107,792
0373000	373 St. Lighting & Signal System	213,646,173	79,003,809	(14,616,233)	-	-	278,033,749

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0106000	106	Complted constr-not classified	2,589,438,881	(262,812,442)	-	-	5,526,702	2,332,153,141
		Total Distribution	13,761,964,460	839,337,380	(165,881,299)	-	45,485,007	14,480,905,548
		GENERAL PLANT						
0389000	389	Office Land & ROW	62,917,137	-	(44,321)	-	-	62,872,816
0390000	390	Office Struct & Improvements	644,807,108	78,990,050	(4,483,992)	-	(732,107)	718,581,059
0391000	391	Office Furniture & Equipment	175,340,837	34,292,499	(33,958,830)	-	(2,553,428)	173,121,078
0392000	392	Transportation Equipment	11,925,310	1,646,191	(34,200)	-	-	13,537,301
0393000	393	Stores Equipment	15,056,707	264,057	(104,443)	-	-	15,216,321
0394000	394	Tools, Shop & Garage Equip	116,649,018	10,680,050	(1,540,377)	-	51,466	125,840,157
0395000	395	Laboratory Equipment	4,917,383	667,903	(1,888,314)	-	(881,464)	2,815,508
0396000	396	Power Operated Equipment	12,136,237	2,879,968	(115,045)	-	-	14,901,160
0397000	397	Communication Equipment	148,505,414	100,836,423	(10,741,032)	-	(5,337,101)	233,263,704
0398000	398	Miscellaneous Equipment	9,399,172	5,868,250	(579,594)	-	4,134	14,691,962
0399199	399	ARO - General Asbestos	(931,335)	-	-	-	-	(931,335)
0106000	106	Complted constr-not classified	234,969,516	(177,689,030)	-	-	(7,672,010)	49,608,476
		Total General Plant	1,435,692,504	58,436,361	(53,490,148)	-	(17,120,510)	1,423,518,207
		TOTAL ELECTRIC PLANT IN SERVICE	46,962,800,190	2,037,756,703	(995,096,220)	(88,947,504)	12,940,585	47,929,453,753
0102000	102	Electric Plant Purchased	-	-	-	-	-	-
		TIES TO FERC (+/- for rounding)	46,962,800,190	2,037,756,703	(995,096,220)	(88,947,504)	12,940,585	47,929,453,753

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 9

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Request:

- a. Provide the journal entries relating to the purchase of utility plant acquired as an operating unit or system by purchase, merger, consolidation, liquidation, or otherwise since the end of the test period in the last rate case. Also, provide a schedule showing the calculation of the acquisition adjustment at the date of purchase of each item of electric plant, the amortization period, and the unamortized balance at the end of the test year.
- b. Provide a brief explanation of plant acquisition adjustments currently being amortized to electric operations.

Response:

Please see attached file DEC NC E1-9a & 9b Acquisition of Utility Plant.xlsx.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

9a. Since the test period in the last rate case (2018), Duke Energy Carolinas, LLC has acquired the below operating unit or system:

There have been no acquisitions since the end of the test period in the last rate case.

9b. There are currently no new acquisitions; therefore, we do not have any new acquisition adjustments to amortize.

Amortization for existing acquisition adjustments, Doran Textile and the Board of Public Works in Gaffney, can be found under Item No. 5b.

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Jan 19 2023

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 10

☒ **CONFIDENTIAL**

☐ **NOT CONFIDENTIAL**

Request:

Provide the detailed workpapers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

CONFIDENTIAL Response:

Please see the attached files in response to E1 Item 10.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Revenue Annualization
For the Test Period Ending December 31, 2021

E1-10
NC1010 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma represents the additional North Carolina retail revenues, uncollectible expense, and regulatory fees required to reflect the annualization of rates in effect on January 6, 2023. Fuel is neutralized in the case through this adjustment and the fuel pro forma adjustment.

The impact to O&M expenses for uncollectible expense and the NCUC fee is determined by multiplying the impact to revenue by the uncollectible rate and the NCUC assessment rate.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Revenue Annualization
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC1010 Summary
Page 1 of 1
Application

Line No	Impacted Income Statement Line Items	Source	Total NC Retail Application
1	Sales of Electricity	NC1010-1	220,249
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ 220,249
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC1010-1	\$ 1,594
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC1010-1	\$ 51,056
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 52,651
17			
18	Operating income (L3-L16)		\$ 167,598
19	<u>Rate Base</u>	Source	Total NC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

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Docket E-7 Sub 1276
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DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Revenue Annualization
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC1010-1 Calculation
Page 1 of 1
Application

Line No.	Description	Per Book Total NC Retail Col. (a)	Present Total NC Retail Col. (b)	Present vs. Per Book (c) = (b) - (a)
1	Revenues to be Collected in Proposed Rates			
2	Retail Sales (Billed Revenues)	\$ 4,705,437 [1]	\$ 4,925,685 [1]	\$ 220,249
3				
4	Uncollectible (booked to O&M)			0.5847% [2]
5	NCUC Fee (booked to O&M)			0.1392% [3]
6	Impact to O&M - (L2 x (L4+ L5))			1,594
7				
8	Taxable income (L2 - L6)			\$ 218,654
9	Statutory tax rate			23.3503% [4]
10	Impact to income taxes (L8 x L9)			\$ 51,056
11				
12	Impact to operating income (L8 - L10)			\$ 167,598

[1] NC1010-2 Revenue- Billed Revenues and Present Revenues Annualized, Line 43
[2] NC1010-5 Uncollectibles
[3] NC1010-3 Regulatory Fee rate effective since July 1, 2022
[4] NC1010-4 2022 Calculation of Tax Rate, Line 10

Note: some totals may not foot or compute due to rounding.

OFFICIAL COPY

Jan 19 2023

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Revenue Annualization
For the Test Period Ending December 31, 2021
(Amounts in Dollars)

E1-10
NC1010-2 Revenue
Page 1 of 1
Application

[1] [2]

Line No.	Rate Class & Schedule	Total Booked Revenue	Annualized Base Revenue ¹	Revenue Annualization Adjustment
	(a)	(b)	(c)	(c) - (b)
2	Residential: Total	2,269,546,235	2,410,826,481	141,280,246
3	RS	1,312,016,218	1,395,820,116	83,803,898
4	ES	13,509,006	14,176,213	667,208
5	RS-CPP	354,920	377,798	22,878
6	RS-TOU-CPP	304,343	323,910	19,567
7	RS-TOUD-DPP	309,250	330,079	20,829
8	RSTC	38,033	40,363	2,330
9	RE	934,240,558	990,359,954	56,119,396
10	ESA	3,952,420	4,209,724	257,305
11	RE-CPP	347,161	371,748	24,588
12	RE-TOU-CPP	288,972	309,396	20,424
13	RE-TOUD-DPP	271,065	291,773	20,708
14	RETC	54,792	58,642	3,851
15	RT	3,859,497	4,156,763	297,266
16	General Service: Total	858,394,697	848,825,304	(9,569,393)
17	BC	3,682,629	3,287,528	(395,100)
18	SGS	479,274,598	467,778,822	(11,495,776)
19	SGS-CATV	6,759,992	6,093,009	(666,983)
20	SGS-CPP	328,843	319,732	(9,111)
21	SGS-TOU-CPP	121,587	118,099	(3,488)
22	SGS-TOUD-DPP	178,232	175,927	(2,305)
23	SGSTC	14,528	13,892	(636)
24	LGS	367,890,123	370,892,935	3,002,813
25	PG	144,166	145,359	1,193
26	Industrial: Total	153,692,690	152,656,803	(1,035,888)
27	I	153,692,690	152,656,803	(1,035,888)
28	OPT: Total	1,293,187,887	1,369,947,271	76,759,384
29	OPTVPL	420,716,479	455,277,532	34,561,054
30	OPTVPM	42,104,569	44,675,750	2,571,182
31	OPTVPS	20,511,419	22,338,556	1,827,137
32	OPTVSL	135,876,495	145,838,696	9,962,201
33	OPTVSM	128,488,863	136,132,792	7,643,929
34	OPTVSS	462,485,251	474,902,604	12,417,353
35	OPTTE	650,997	638,461	(12,536)
36	OPTVT	82,353,815	90,142,879	7,789,064
37	Lighting: Total	130,615,005	143,429,558	12,814,553
38	OL	94,085,086	101,957,164	7,872,077
39	S	2,837	2,694	(144)
40	PL	34,324,691	39,434,723	5,110,031
41	NL	64,530	66,267	1,737
42	TS	2,137,860	1,968,711	(169,149)
43	Grand Total	4,705,436,515	4,925,685,417	220,248,902

¹ Annualized Base Revenues include:

- Test year sales priced at base rates effective 6/1/2021²
- + Standby charges
- + Service riders: Riders EC, GSA, SG and SCG
- + Present base fuel effective 9/1/2022
- + Spread factor adjustment of estimated to reported Per Book

² Base rates effective 10/1/2021 for new Schedules RSTC, RETC and SGSTC

Source: Duke Energy Carolinas Rate Design

[1] DEC COS 440-445 RETAIL SALES-BILLED

[2] Witness Beveridge Exhibit No. 2

DUKE ENERGY CAROLINAS, LLC
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Revenue Annualization
For the Test Period Ending December 31, 2021

E1-10
NC1010-3 Regulatory Fee
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Application

NCUC Statutory Regulatory Fee Percentage Rate

Line No.	Rate	Description
1	0.1400%	Current statutory regulatory fee percentage rate
2	99.4153%	1 less current uncollectibles rate on NC-1010-5
3	0.139181%	Adjusted statutory regulatory fee percentage rate (<i>excluding uncollectibles rate</i>)

Docket M-100 Sub 142

**STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH**

DOCKET NO. M-100 SUB 142

At present, the Commission's regulatory fee for noncompetitive jurisdictional revenues is 0.13%. Pursuant to N.C.G.S. § 62-302(b)(3), the Commission has reviewed the estimated cost of operating the Commission and the Public Staff for the next fiscal year, including the reserve margin permitted under N.C.G.S. § 62-302(a), and has determined that the regulatory fee for noncompetitive jurisdictional revenues should be increased to 0.14%, effective July 1, 2022.

IT IS, THEREFORE, ORDERED as follows:

1. That the regulatory fee for noncompetitive jurisdictional revenues shall be, and is hereby, set at 0.14%, effective July 1, 2022; and
2. That the Chief Clerk shall serve this Order on all utilities regulated by the Commission.

ISSUED BY ORDER OF THE COMMISSION.

This the 30th day of June, 2022.

NORTH CAROLINA UTILITIES COMMISSION



A. Shonta Dunston, Chief Clerk

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Revenue Annualization
For the Test Period Ending December 31, 2021

E1-10
NC1010-4 Tax Rate
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Application

2022 Calculation of Tax Rates

Current (Statutory) and Deferred Tax Rate Per "Provision" - Year 2022

Line No.	Description	Total	Statutory Rate (a)	Allocation Factor (b)	Composite Rate (a) x (b)
1					
2		100.0000%			
3	North Carolina	1.6750%	2.5000%	67.0000%	1.6750%
4	South Carolina	1.3000%	5.0000%	26.0000%	1.3000%
5	Federal Taxable Income (L2 - L3 - L4)	97.0250%			
6	Federal Tax Rate	21.0000%			
7	Federal Net of State (L5 x L6)	20.3753%			
8	North Carolina (L3)	1.6750%			
9	South Carolina (L4)	1.3000%			
10	Composite Tax Rate (L7 + L8 + L9)	23.3503%			

Source: Duke Energy Tax Department

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Revenue Annualization
For the Test Period Ending December 31, 2021

E1-10
NC1010-5 Uncollectibles
Page 1 of 1
Application

Uncollectibles Rate

<u>Line</u> <u>No.</u>	<u>Description</u>	<u>Source</u>	<u>Total</u> <u>System</u>
1	Uncollectibles Expense (904)	COS	37,268,848 [1]
2	Retail rate revenue (440 - 445)	<i>Trial Balance</i>	6,373,610,272 [2]
3	Uncollectibles Rate	<i>L1 / L2</i>	0.5847%

- [1] DEC NC COS 904 CUST ACCTS EXP-UNCOLLECT. ACCTS
[2] FERC Accounts 440-445, excluding Unbilled Revenue

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Eliminate Unbilled Revenues
For the Test Period Ending December 31, 2021

E1-10
NC1020 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This adjustment to revenue reflects the elimination of the estimated unbilled revenue the Company recorded for the difference between kWh sales billed during the test period and kWh used by customers during the test period.

The impact to income taxes was determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Eliminate Unbilled Revenues
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC1020 Summary
Page 1 of 1
Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity	NC1020-1	8,126
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ 8,126
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC1020-1	\$ 1,898
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 1,898
17			
18	Operating income (L3-L16)		\$ 6,229
19	<u>Rate Base</u>	Source	Total NC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Eliminate Unbilled Revenues
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC1020-1 Calculation
Page 1 of 1
Application

Line No.	Description	Total NC Retail
1	<u>North Carolina Retail Unbilled Revenues:</u>	
2	North Carolina Retail Unbilled Revenue (Accounts 440.990, 442.190, 442.290, 444.990)	8,126 [1]
3	Impact to revenue	\$ 8,126
4		
5	Taxable income (L3)	\$ 8,126
6	Statutory tax rate	23.3503% [2]
7	Impact to income taxes (L5 x L6)	\$ 1,898
8		
9	Impact to operating income (L5 - L7)	\$ 6,229

[1] Remove unbilled revenue reflected in COS Study 440-445 RETAIL SALES-UNBILLED REVENUES-NCR

[2] NC1010-4 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Adjust Other Revenue
For the Test Period Ending December 31, 2021

E1-10
NC1030 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma reflects adjustments to revenue, O&M, general taxes and income taxes to update various other revenues.

These fees are recoded in miscellaneous revenue accounts. The impact to revenue for fees is determined by multiplying the number of units for NC in the test period by the current rate to arrive at current revenues. The test period units are then multiplied by the proposed rate to arrive at the proposed revenue. The difference between the current and proposed other revenues is the adjustment amount.

The impact to O&M for the NCUC Regulatory fee and uncollectibles is determined by multiplying the impact to revenue by the assessment rates.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Adjust Other Revenue
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC1030 Summary
Page 1 of 1
Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue	NC1030-1	(3,748)
3	Electric operating revenue (L1+L2)		\$ (3,748)
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC1030-1	\$ (27)
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC1030-1	\$ (869)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (896)
17			
18	Operating income (L3-L16)		\$ (2,852)
	<u>Rate Base</u>	Source	Total NC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Adjust Other Revenue
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC1030-1 Calculation
Page 1 of 1
Application

Line No.	Description	Total NC Retail	
1	Total Current Other Revenues (451 a/c)	\$ 7,033	[1]
2	Total Proposed Other Revenues (451 a/c)	\$ 3,285	[2]
3	Impact to revenue (L2 - L1)	\$ (3,748)	
4			
5	Uncollectible (booked to O&M)	0.5847%	[3]
6	NCUC Fee (booked to O&M)	0.1392%	[4]
7	Impact to O&M - (L3 x (L5+ L6))	\$ (27)	
8			
9	Taxable income (L3 - L7)	\$ (3,721)	
10	Statutory tax rate	23.3503%	[5]
11	Impact to income taxes (L9 x L10)	\$ (869)	
12			
13	Impact to operating income (L9 - L11)	\$ (2,852)	

- [1] NC1030-2 Annual revenue current, Line 15
[2] NC1030-2 Annual revenue proposed, Line 15
[3] NC1010-5 Uncollectibles Line 3
[4] NC1010-3 Regulatory Fee Line 3
[5] NC1010-4 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Adjust Other Revenue
For the Test Period Ending December 31, 2021
(Amounts in Dollars)

E1-10
NC1030-2 Fees
Page 1 of 1
Application

DEC NC - Misc. Service Charges

Line No.	(A) Charge / Timeframe	(B) Test Year Units	(C) Test Year Rates	(D) Test Year Revenue (B) * (C)	(E) Proposed Units	(F) Proposed Rate	(G) Proposed Revenue (E) * (F)	(H) Change (G) - (D)	(I) Percent Change (H) / (D)
1									
2									
3	Connect Charge	365,202		\$6,292,708	365,202	\$8.00	\$2,921,616	(\$3,371,092)	-54%
4	January 2021 - May 2021	179,549	\$24.18	\$4,341,495					
5	June 2021 - December 2021	185,653	\$10.51	\$1,951,213					
6	Reconnect Fee	26,281		\$587,052	26,281	\$8.00	\$210,251	(\$376,801)	-64%
7	Normal Hours: January 2021 - May 2021	18,337	\$27.13	\$497,471					
8	Normal Hours: June 2021 - December 2021	5,127	\$9.25	\$47,427					
9	After Hours: January 2021 - May 2021	746	\$27.13	\$20,235					
10	After Hours: June 2021 - December 2021	2,072	\$10.58	\$21,919					
11	Manually Read Meter			\$152,985			\$152,985	\$0	0%
12	Initial Set-up Fee	0	\$150.00	\$0	0	\$150.00	\$0	\$0	0%
13	Rate per Month	13,020	\$11.75	\$152,985	13,020	\$11.75	\$152,985	\$0	0%
14									
15	Total			\$ 7,032,745			\$ 3,284,852	\$ (3,747,893)	-53%

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Customer Growth
For the Test Period Ending December 31, 2021

E1-10
NC1040 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma annualizes revenue, fuel expense, operation and maintenance expense, and income taxes to reflect changes in the number of customers and usage per customer during the test period.

The impact to revenue was determined as follows:

To determine the additional revenue requirement resulting from customer growth, the monthly increase in number of customers was multiplied by the applicable average monthly kWh consumption per customer to derive the annualized change in kWh consumption based on the number of customers at the end of the test period.

The impact to fuel expense was determined by multiplying the 'Customer growth adjustment to KWH sales - NC kWh adjustment' by the most recent approved fuel rate (excluding EMF).

The impact to other operation and maintenance expense is determined by:

Variable O&M Adjustment - adjusts energy related O&M for the change in KWH due to the change in growth and usage per customer.

The Per Bill Adjustment - adjust O&M for the change in variable cost due to the change in number of bills to be generated.

Regulatory Fee - multiplying the impact to revenue by the statutory regulatory fee percentage rate and the uncollectibles rate.

The impact to income taxes was determined by multiplying taxable income by the statutory tax rate.

This adjustment updates revenues to reflect customer growth experienced beyond the test period, through July 2023.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Customer Growth
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC1040 Summary
Page 1 of 1
Application

<u>Line No</u>	<u>Impacted Income Statement Line Items</u>	<u>Source</u>	<u>Total NC Retail Application</u>
1	Sales of Electricity	NC1040-1	63,081
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ 63,081
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation	NC1040-1	12,386
8	Purchased power		
9	Other operation and maintenance expense	NC1040-1	2,570
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC1040-1	11,237
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 26,193
17			
18	Operating income (L3-L16)		\$ 36,888
19	<u>Rate Base</u>	<u>Source</u>	<u>Total NC Retail Application</u>
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Customer Growth
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC1040-1 Calculation
Page 1 of 1
Application

Line No.	Description	NC Residential	NC General Service Small and Large	NC General OPT Service Small and Large	NC General Miscellaneous SGS (BC)	Lighting T & T2	Lighting TS	NC Industrial	NC OPT Industrial	Total NC Retail	
1	Revenue Adjustment										
2	Customer Growth Revenue adjustment	NC1040-2 \$ 64,143	\$ 7,638	\$ 1,151	\$ (82)	\$ (8,945)	\$ (102)	\$ (85)	\$ (423)	\$ 63,295	[1]
3	Customer Usage revenue adjustment	NC1040-3 4,225	(1,066)	249	98	-	28	1,140	(4,887)	(214)	[2]
4	Total Revenue adjustment	\$ 68,368	\$ 6,572	\$ 1,399	\$ 16	\$ (8,945)	\$ (74)	\$ 1,055	\$ (5,310)	\$ 63,081	
5											
6	Fuel Adjustment										
7	Fuel and fuel related costs ¢/kWh (excluding EMF)	NC2010-2 2,0003	1,8217	1,8217	1,8217	1,8217	1,8217	1,8396	1,8396		[3]
8	Customer growth and usage adjustment to kWh sales	NC1040-4 640,199,411	70,744,393	23,313,965	1,018,233	(36,456,707)	(310,141)	14,476,141	(95,061,840)	617,923,455	[4]
9	Impact to fuel - May (L7 x (L8 / 100,000))	\$ 12,806	\$ 1,289	\$ 425	\$ 19	\$ (664)	\$ (6)	\$ 266	\$ (1,749)	\$ 12,386	
10											
11	O&M Adjustments										
12	Uncollectibles Rate	0.58474% [5] \$ 400	\$ 38	\$ 8	\$ 0	\$ (52)	\$ (0)	\$ 6	\$ (31)	\$ 369	
13	Statutory regulatory fee percentage rate	0.13918% [6] \$ 95	\$ 9	\$ 2	\$ 0	\$ (12)	\$ (0)	\$ 1	\$ (7)	\$ 88	
14											
15	Energy Related O&M	NC1040-6 \$ 1,151	\$ 127	\$ 42	\$ 2	\$ (66)	\$ (1)	\$ 26	\$ (171)	\$ 1,111	[7]
16	Customer Related O&M	NC1040-6 \$ 1,271	\$ 111	\$ 3	\$ (6)	\$ (367)	\$ (8)	\$ 1	\$ (0)	\$ 1,003	[7]
17											
18	Total Impact to O&M	\$ 2,917	\$ 285	\$ 55	\$ (4)	\$ (498)	\$ (9)	\$ 34	\$ (210)	\$ 2,570	
19											
20	Taxable income (L4 - L9 - L14)	\$ 52,645	\$ 4,998	\$ 920	\$ 2	\$ (7,783)	\$ (59)	\$ 754	\$ (3,352)	\$ 48,125	
21											
22	Impact to income taxes (L20 x Tax rate)	23.3503% [8] \$ 12,293	\$ 1,167	\$ 215	\$ 0	\$ (1,817)	\$ (14)	\$ 176	\$ (783)	\$ 11,237	
23											
24	Impact to operating income (L20 - L22)	\$ 40,352	\$ 3,831	\$ 705	\$ 1	\$ (5,966)	\$ (45)	\$ 578	\$ (2,569)	\$ 36,888	

[1] NC1040-2 Growth Adj - Calculation of Customer Growth Adjustments

[2] NC1040-3 Usage Adj - Calculation of Customer Usage Adjustments

[3] NC2010-2 - Proposed fuel and fuel related costs ¢/kWh (excluding EMF), Docket No. E-7, Sub 1263, Sykes Revised Exhibit 1, Line 9

[4] NC1040-4 KWH Adj column (c)

[5] NC1010-5 Uncollectibles, Line 3

[6] NC1010-3 Regulatory Fee - NCUC Statutory Regulatory Fee Percentage Rate - Adjusted, Docket No. M-100, Sub 142, Line 3

[7] NC1040-6 Other OM

[8] NC1010-4 2022 Calculation of Tax Rates, Line 10

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Calculation of Customer Growth Revenue Adjustment

Line No.	Rate Schedule	Customer Growth kWh [1] (a)	Cents Per kWh (b)	Revenue Adjustment (c) = (a) x (b)
1	NC Residential	595,379,627	9.43 [3]	\$ 56,124
2				
3	General Service Small and Large-OPT	19,144,766	6.01 [2]	1,151
4	General Service Small and Large-Non OPT	83,221,221	9.18	7,638
5	Miscellaneous	(507,857)	16.13 [2]	(82)
6	NC General: Total (Sum L3 through L5)	101,858,131		\$ 8,707
7				
8	T & T2	(36,456,707)	24.53 [2]	(8,945)
9	TS	(485,911)	20.99 [2]	(102)
10	NC Street Lighting: Total (L8 + L9)	(36,942,618)		\$ (9,047)
11				
12	Industrial OPT	(7,561,468)	5.59 [2]	(423)
13	Industrial Non OPT	(1,155,498)	7.33 [2]	(85)
14	NC Industrial: Total	(8,716,966)		\$ (507)
15				
16		# of Customers	BFC	
17	NC Residential Change in number of customers	572,764 [5]	14.00 [4]	\$ 8,019
18				
19	NC Retail: Total (L1 + L6 + L10 + L14 + L17)			\$ 63,295

[1] NC1040-4 KWH Adj - column (a) NC Proposed Customer Growth Adjustment

[2] NC1040-5 Act KWH column (e) all inclusive cents per kWh

[3] NC1040-5 Act KWH column (f) cents per kWh excluding basic facilities charge

[4] Witness Beveridge Exhibits - Residential Basic Facilities Charge \$14

[5] NC1040-6 Other OM Line 14 Change in number of Residential bills

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Calculation of Customer Usage Revenue Adjustment

Line No.	Rate Schedule	NC Proposed kWh Adjustment (a)	[1]	Cents Per kWh (b)	[2]	Revenue Adjustment (c) = (a) x (b)
1	NC Residential (L1 + L2)	44,819,784		9.43		\$ 4,225
2						
3	General Service Small and Large					
4	General Service (OPT only)	4,169,199		5.96		249
5	General Service (non-OPT only)	(12,476,828)		8.54		(1,066)
6	Miscellaneous	1,526,090		6.39		98
7	NC General: Total (L3 + L6)	(6,781,539)				\$ (720)
8						
9	T & T2	-				-
10	TS	175,770		15.99		28
11	NC Street Lighting: Total (L9 + L10)	175,770				\$ 28
12						
13	Industrial					
14	Industrial (OPT only)	(87,500,372)		5.59		(4,887)
15	Industrial (non-OPT only)	15,631,639		7.29		1,140
16	NC Industrial: Total	(71,868,733)				\$ (3,747)
17						
18	NC Retail: Total (L1 + L7 + L11 + L16)	(33,654,718.3)				\$ (214)

[1] NC1040-4 KWH Adj - column (b) NC Proposed Customer Usage Adjustment

[2] NC1040-5 Act KWH column (f) cents per kWh excluding basic facilities charge

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Customer Growth and Usage Adjustment to kWh Sales

Line No.	Rate Schedule	NC Proposed Customer Growth kWh Adjustment (a)	NC Proposed Change in Usage kWh Adjustment (b)	NC Proposed kWh Adjustment (c) = (a) + (b)
1	NC Residential	595,379,627	44,819,784	640,199,411
2				
3	NC General:			
4	General Service (OPT only)	19,144,766	4,169,199	23,313,965
5	General Service (non-OPT only)	83,221,221	(12,476,828)	70,744,393
6	Miscellaneous	<u>(507,857)</u>	<u>1,526,090</u>	<u>1,018,233</u>
7	Total General	101,858,131	(6,781,539)	95,076,591
8				
9	NC Public Street Lighting:			
10	T & T2 (GL, FL, PL, OL)	(36,456,707)		(36,456,707)
11	TS	<u>(485,911)</u>	<u>175,770</u>	<u>(310,141)</u>
12	Total Street Lighting	(36,942,618)	175,770	(36,766,848)
13				
14	NC Industrial:			
15	Industrial (OPT only)	(7,561,468)	(87,500,372)	(95,061,840)
16	Industrial (non-OPT only)	<u>(1,155,498)</u>	<u>15,631,639</u>	<u>14,476,141</u>
17	Total Industrial	(8,716,966)	(71,868,733)	(80,585,699)
18				
19				
20	Total	<u>651,578,174</u>	<u>(33,654,718)</u>	<u>617,923,455</u>

Notes:

Two approved methods are used for estimating the growth adjustment depending on the class/schedule

"Regression" refers to the use of Ordinary Least Squares Regression

"Customer" refers to the use of the Customer by Customer approach

Information provided by Duke Energy Carolinas Rate Design

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Billed Revenues and Present Revenues Annualized - North Carolina Retail

Line No.	Description	North Carolina Retail Present Revenues Annualized (a)	Basic Facilities Charge (b)	Present Revenue Excluding Basic Facilities (c)=(a)-(b)	Per Book kWh Sales (d)	All-Inclusive \$ / kWh (e)=(a)/(d)	w/o BFC \$ / kWh (f)=(c)/(d)
1	Residential	2,410,819,184	301,247,674	2,109,571,510	22,379,004,323	10.77	9.43
2	Class RS	1,411,064,544	173,709,830	1,237,354,714	12,660,647,618		
3	RS	1,395,816,237	171,921,834	1,223,894,403	12,518,109,925		
4	ES	14,176,161	1,650,852	12,525,309	132,230,485		
5	RS-CPP	377,797	48,202	329,595	3,591,365		
6	RS-TOU-CPP	323,909	41,804	282,105	3,086,298		
7	RS-TOUD-DPP	330,078	40,698	289,380	3,260,783		
8	RSTC	40,363	6,440	33,923	368,762		
9	Class RE	999,754,640	127,537,844	872,216,796	9,718,356,705		
10	RE	990,356,632	126,524,958	863,831,674	9,620,481,323		
11	ESA	4,209,708	551,670	3,658,038	41,954,365		
12	RE-CPP	371,747	50,036	321,711	3,807,268		
13	RE-TOU-CPP	309,395	43,092	266,303	3,168,009		
14	RE-TOUD-DPP	291,772	36,568	255,204	3,158,164		
15	RETC	58,642	6,232	50,410	588,563		
16	RT	4,156,745	323,286	3,833,457	45,199,014		
17							
18	General Service	845,594,621	58,582,022	787,012,599	9,213,108,150	9.18	8.54
19	Class SGS	474,502,460	56,086,428	418,416,031	4,386,118,793	10.82	9.54
20	SGS	467,781,804	53,271,000	414,510,804	4,315,891,995		
21	SGS-CATV	6,093,005	2,724,954	3,368,051	64,260,449		
22	SGS-CPP	319,732	53,497	266,235	2,909,187		
23	SGS-TOU-CPP	118,099	20,069	98,030	1,074,987		
24	SGS-TOUD-DPP	175,927	14,446	161,482	1,868,578		
25	SGSTC	13,892	2,463	11,430	113,598		
26	Class LGS	371,092,161	2,495,594	368,596,567	4,826,989,357	7.69	7.64
27	LGS	370,946,802	2,490,561	368,456,241	4,826,822,606		
28	PG	145,359	5,033	140,326	166,751		
29	Class General Miscellaneous	3,288,783	1,985,517	1,303,266	20,392,317	16.13	6.39
30	BC	3,288,783	1,985,517	1,303,266	20,392,317		
31							
32	Industrial	152,528,261	825,777	151,702,483	2,080,236,237	7.33	7.29
33	I	152,528,261	825,777	151,702,483	2,080,236,237		
34							
35	OPT	1,369,944,656	6,629,652	1,363,315,004	23,504,701,520	5.83	5.80
36	OPTVPL	455,276,463	47,901	455,228,562	8,438,110,251		
37	OPTVPM	44,675,668	26,412	44,649,257	772,176,778		
38	OPTVPS	22,338,509	53,145	22,285,364	400,394,617		
39	OPTVSL	145,638,325	24,674	145,613,650	2,620,988,729		
40	OPTVSM	136,132,507	93,068	136,039,439	2,261,832,401		
41	Class OPTVSS	565,683,185	6,384,452	559,298,732	9,011,198,745	6.28	6.21
42	OPTVSS	474,902,033	6,378,056	468,523,977	7,157,637,089		
43	OPTE	638,461	4,948	633,512	10,878,770		
44	OPTVT	90,142,691	1,448	90,141,243	1,842,682,887		
45	OPTVG	802,951,419	6,221,903	796,729,515	13,361,319,733	6.01	5.96
46	OPTVGPL	196,123,821	17,887	196,105,935	3,621,710,120		
47	OPTVGPM	26,994,805	17,340	26,977,465	471,339,653		
48	OPTVGPS	13,185,908	43,816	13,142,093	209,055,829		
49	OPTVDSL	42,949,777	7,206	42,942,571	772,763,970		
50	OPTVGSM	59,020,182	41,692	58,978,489	985,376,281		
51	OPTVGSS	405,573,239	6,093,223	399,480,016	6,098,539,529		
52	OPTVGT	59,103,686	740	59,102,946	1,202,534,351		
53	OPTVI	566,354,777	402,801	565,951,976	10,132,503,018	5.59	5.59
54	OPTVIPL	259,152,641	30,015	259,122,627	4,816,400,131		
55	OPTVPM	17,680,863	9,072	17,671,791	300,837,124		
56	OPTVIPS	9,152,601	9,329	9,143,271	191,338,788		
57	OPTVISL	102,888,548	17,468	102,871,079	1,848,224,759		
58	OPTVISM	77,112,325	51,375	77,060,950	1,276,456,120		
59	OPTVISS	69,328,794	284,833	69,043,961	1,059,097,561		
60	OPTVIT	31,039,004	708	31,038,297	640,148,535		
61							
62	Lighting	143,429,521	468,908	142,960,613	585,947,590	24.48	24.40
63	Class T & T2	141,460,810	283	141,460,527	576,568,721	24.53	24.53
64	OL	101,957,143		101,957,143	336,848,370		
65	S	2,694		2,410	40,116		
66	PL	39,434,708	283	39,434,425	239,599,561		
67	NL	66,267		66,267	80,674		
68	Class TS	1,968,710	468,625	1,500,086	9,378,869	20.99	15.99
69	TS	1,968,710	468,625	1,500,086	9,378,869		
70							
71	Total Before Hourly Pricing	4,925,605,025	369,739,550	4,555,865,475	57,783,390,137	8.52	7.88
72							
73	Hourly Pricing	14,298,059	-	14,298,059	285,031,905	5.02	5.02
74	HP-I	(82)		(82)	(3,924)		
75	HP-LGS	395,115		395,115	5,920,238		
76	HP-OPTVG	11,875,643	-	11,875,643	223,666,417	5.31	5.31
77	HP-OPTVGPL	10,586,222		10,586,222	197,673,569		
78	HP-OPTVGPS	1,289,421		1,289,421	25,992,848		
79	HP-OPTVI	2,027,384	-	2,027,384	55,449,175	3.66	3.66
80	HP-OPTVIPL	43,721		43,721	19,110,823		
81	HP-OPTVIPS	750,831		750,831	6,393,760		
82	HP-OPTVISL	1,047,935		1,047,935	25,440,491		
83	HP-OPTVISS	184,897		184,897	4,504,100		
84	Total Retail Electric Sales	4,939,903,084	369,739,550	4,570,163,534	58,068,422,042	8.51	7.87

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Customer Growth and Usage Adjustment to Other O&M

Line		Energy related non fuel O&M		
No.		Customer Growth & Usage MWH [1]	O&M \$/MWh [2]	Adjustment (in thousands)
1	Energy related non fuel O&M			
2		[a]	[b]	[c] = ([a] * [b])/1000
3	Residential	640,199	\$1.7977	1,151
4	General Service - OPT	23,314	\$1.7977	42
5	General Service - non OPT	70,744	\$1.7977	127
6	Miscellaneous	1,018	\$1.7977	2
7	Lighting T & T2	(36,457)	\$1.7977	(66)
8	Lighting TS	(310)	\$1.7977	(1)
9	Industrial - OPT	(95,062)	\$1.7977	(171)
10	Industrial - non OPT	14,476	\$1.7977	26
11	Total Energy related O&M	617,923		\$ 1,111

		Projected Number of Bills		Change in number of				Adjustment	
	Test Year	Number of	Period	Extended	Change in number of	Cost per bill	[6]	Adjustment	
12	Customer related variable O&M	bills [5]			bills				
13		[a]	[b]		[c] = [b] - [a]	[d]		[e] = ([c] * [d])/1000	
14	Residential	21,837,128	22,409,892	[3]	572,764	\$2.22		\$ 1,271	
15	General Service - OPT	195,271	196,421	[4]	1,150	\$2.22		3	
16	General Service - non OPT	3,042,170	3,092,070	[4]	49,900	\$2.22		111	
17	Miscellaneous	110,618	107,724	[3]	(2,894)	\$2.22		(6)	
18	Lighting T & T2	2,637,981	2,472,480	[3]	(165,501)	\$2.22		(367)	
19	Lighting TS	71,756	68,040	[3]	(3,716)	\$2.22		(8)	
20	Industrial - OPT	12,789	12,666	[4]	(123)	\$2.22		(0)	
21	Industrial - non OPT	43,551	43,908	[4]	357	\$2.22		1	
22	Total	27,951,264	28,403,201		451,937			\$ 1,003	
23									
24	Total Adjustment							\$ 2,114	

Notes

- [1] NC1040-4 KWH Adj
[2] NC1040-7 Variable OM Line 33
[3] Estimated number of bills based on forecasted growth rate. Figures will be updated with twelve months ended April 2023.
[4] Total number of bills as of twelve months ended May, 2022. Figures will be updated with twelve months ended April 2023
[5] Provided by Rate Design
[6] NC1040-8 Bill Related Line 40

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Line No.	Item	System Amount (a)	NC Retail Allocation (b)	NC Retail Amount (a) * (b) = (c)
1	Total Production O&M			
2	500-557 PROD EXP-DEMAND	\$ 544,073	66.97% [2]	364,360
3	500-557 PROD EXP-DEMAND-EXCL	13	0.00%	-
4	500-557 PROD EXP-DSM/EE-DEMAND-RETAIL	32,501	73.47% [3]	23,878
5	500-557 PROD EXP-PRES COSTS-NC	12	94.03% [4]	11
6	500-557 PROD EXP-NUC LEVELIZ-NCR	6,976	100.00% [5]	6,976
7	500-557 PROD EXP-NUC LEVELIZ-SCRGW	2,395	0.00%	-
8	500-557 PROD EXP-OTHER-DEMAND-SCRGW	94	0.00%	-
9	500-557 PROD EXP-SOLAR-D/A	54	94.03% [4]	51
10	Total Demand Related	<u>586,119</u>		<u>395,277</u>
11				
12	500-557 PROD EXP-BPM & WO SHARING-NCR	39	100.00% [5]	39
13	500-557 PROD EXP-BPM & WO SHARING-NCWHL	7	0.00%	-
14	500-557 PROD EXP-BPM & WO SHARING-SCRGW	6	0.00%	-
15	500-557 PROD EXP-BPM & WO SHARING-SCWHL	12	0.00%	-
16	500-557 PROD EXP-DERP-D/A	12	0.00%	-
17	500-557 PROD EXP-DSM/EE-ENERGY-RETAIL	74,728	73.89% [6]	55,218
18	500-557 PROD EXP-ENERGY	<u>154,677</u>	67.49% [7]	<u>104,387</u>
19	Total Energy Related	<u>229,481</u>		<u>159,644</u>
20				
21	Total Production O&M	<u>815,600</u> [1]		<u>554,921</u> [1]
22				
23	Total Energy Related (L19)			159,644
24	500-557 PROD EXP-BPM & WO SHARING-NCR			(39)
25	500-557 PROD EXP-DERP-D/A			-
26	500-557 PROD EXP-DSM/EE-ENERGY-RETAIL			<u>(55,218)</u>
27	Total Non Fuel, Non Clause Energy Related Production O&M			<u>104,387</u>
28				
29	Total Variable Production O&M expense (L27)			\$ 104,387
30				
31	Per books NC retail kWh sales			<u>58,068,422</u> [8]
32				
33	Cost per kWh (in dollars) (L23 / L24)			1.7977

- [1] DEC NC 12CP COS Study OTHER O&M PROD EXP
[2] NC Retail Allocation Factor - All - Production Demand - Jur
[3] NC Retail Allocation Factor - Retail - Production Demand - Jur
[4] NC Retail Allocation Factor - NC - Production Demand - Jur
[5] Direct Assigned
[6] NC Retail Allocation Factor - Retail - MWHs at Generation - Jur
[7] NC Retail Allocation Factor - All - MWHs at Generation - Jur
[8] NC2010-1 Calculation - NC Retail kWh sales 12 months ended December 2021

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Calculation of the Cost per Bill

Line No.	Item	System Amount [a]	NC Retail Amount [b]	NC Retail Labor [7] [c]	Adjusted NC Retail Amount [d]=[b]-[c]
1	2021 per books bill-related O&M expenses:				
2	Account 586 - Meters (operation)	\$ 10,253 [1]	\$ 7,563 [1]	\$ 3,498	\$ 4,065
3	Account 597 - Meters (maintenance)	2,166 [2]	1,598 [2]	1,469	129
4	Account 587 - Customer - installations	9,833 [3]	6,990 [3]	3,887	3,103
5	Accounts 901-905 - Customer accounts	119,343 [4]	82,116 [4]	25,183	56,934
6	Accounts 906-910 - Customer service and information	14,418 [5]	10,990 [5]	6,320	4,670
7	Total 2021 per books bill-related expenses (Sum of Lines 2 thru 6)	\$ 156,013	\$ 109,257	\$ 40,357	\$ 68,900
8					
9	Uncollectibles expense adjusted elsewhere	37,269 [6]	28,407 [6]		28,407
10					
11					
12					
13					
14		System [a]	NC Retail [b]	NC Retail Labor [c]	Adjusted NC Retail Amount [d]=[b]-[c]
15	Other O&M Sales Expense	17,638 [8]	12,767 [8]	7,781 [7]	4,986
16	Other O&M A&G Expense	426,290 [9]	296,217 [9]	116,086 [7]	180,131
17	Total Sales and A&G	443,928	308,984	123,867	185,117
18	Other O&M Sales and A&G Allocated to Distribution Customer		59,108 [10]		
19	Percent A&G Customer Related (L18 / L17)		19%		
20					
21	<u>Less A&G Adjusted in other proformas</u>				
22	Adjust for costs recovered through Non Fuel riders - DSM/EE (NC2030) Demand	231	170		170
23	Adjust for costs recovered through Non Fuel riders - DSM/EE (NC2030) Energy	961	710		710
24	Adjust for costs recovered through Green Source Rider (NC2030)	15	10		10
25	Adjustments to test year expenses (NC2080)	910	910		910
26	Adjust Aviation Expense (NC2090)	2,734	1,864		1,864
27	Remove Expiring Amortizations - Severance (NC5010)	21,685	21,685		21,685
	Remove Expiring Amortizations - Rate Case Costs (NC5010)	1,783	1,783		1,783
28	Remove Pension and Benefits (NC2060)	56,590	38,599		38,599
29	Adjust Regulatory Fee (NC2130)	6,831	6,831		6,831
30	Total A&G Adjusted in other proformas (sum(L22: L29))	91,741	72,563		72,563
31					
32	Adjusted NC Retail Total Sales and A&G (L17 - L30)				112,553
33	Customer Related A&G (L32 x L19)				21,531
34					
35					
36	Total non-payroll bill-related O&M expenses not adjusted elsewhere (L7 - L9)				\$ 62,024
37					
38	Test Year NC retail 2021 number of Contracts (12 months)				27,951,264 [11]
39					
40	Cost per Contract (\$) (L36 x 1,000 / L38)				\$ 2.2190

- [1] DEC NC 12CP COS Study 586 DISTR EXP-METER EXP
[2] DEC NC 12CP COS Study 597 DISTR EXP-MAINT OF METERS
[3] DEC NC 12CP COS Study 587 DISTR EXP-CUST INSTALLATIONS
[4] DEC NC 12CP COS Study OTHER O&M CUST ACCTS EXP
[5] DEC NC 12CP COS Study OTHER O&M CUST SVC & INFO EXP
[6] DEC NC 12CP COS Study 904 CUST ACCTS EXP
[7] NC1040-9 Labor
[8] DEC NC 12CP COS Study OTHER O&M SALES EXP
[9] DEC NC 12CP COS Study OTHER O&M A&G EXP
[10] E1 Item 45 DEC NC 12 CP COS Per Book Unbundled Customer Column, Other O&M Sales Exp + Other O&M A&G Customer column
[11] NC1040-6 Other O&M line 20

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Customer Growth
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Salaries and Wages support

Line No.	Account	System Salaries [a]	Catawba Reimbursement [6] [b]	Net System Salaries [c]=[a]+[b]	NC Retail Allocation [d]	NC Retail Salaries [e]=[c]*[d]
1	0586000 - Meter Expenses-Dist	4,742		4,742	73.77% [2]	3,498
2	0597000 - Maintenance Of Meters-Dist	1,992		1,992	73.77% [2]	1,469
3	0587000 - Cust Install Exp-Other Dist	5,468		5,468	71.08% [3]	3,887
4						
5	0901000 - Supervision-Cust Accts	219		219		
6	0902000 - Meter Reading Expense	37		37		
7	0903000 - Cust Records & Collection Exp	8,859		8,859		
8	0903100 - Cust Contracts & Orders-Local	6,972		6,972		
9	0903200 - Cust Billing & Acct	10,727		10,727		
10	0903250 - Customer Billing-Common	181	(77.69) [7]	103		
11	0903300 - Cust Collecting-Local	5,583	(290.03) [7]	5,293		
12	0903400 - Cust Receiv & Collect Exp-Edp	76		76		
13	0903750 - Common - Operating-Cust Accts	437		437		
14	0905000 - Misc Customer Accts Expenses	314		314		
15	Total Customer Accounts (sum of L5 to L14)	33,406 [1]	(368)	33,038	76.22% [4]	25,183
16						
17	0908000 - Cust Asst Exp-Conservation Pro	1		1		
18	0910000 - Misc Cust Serv/Inform Exp	5,795		5,795		
19	0910100 - Exp-Rs Reg Prod/Svces-CstAccts	2,495		2,495		
20	Total Customer Service and Informational	8,291 [1]	-	8,291	76.22% [4]	6,320
21						
22	0912000 - Demonstrating & Selling Exp	10,207		10,207		
23	0916000 - Misc Sales Expenses	1		1		
24	Total Sales Operations	10,208 [1]	-	10,208	76.22% [4]	7,781
25						
26	0920000 - A & G Salaries	184,507	(15,127) [7]	169,381		
27	0921100 - Employee Expenses	0		0		
28	0921200 - Office Expenses	(1)		(1)		
29	0921600 - Other	1		1		
30	0923000 - Outside Services Employed	1		1		
31	0925200 - Injuries And Damages-Other	117		117		
32	0930150 - Miscellaneous Advertising Exp	139		139		
33	0930200 - Misc General Expenses	236		236		
34	0930250 - Buy/Sell Transf Employee Homes	6		6		
35	0930700 - Research & Development	3		3		
36	0935100 - Maint General Plant-Elec	312		312		
37	Total	185,323 [1]	(15,127)	170,196	68.21% [5]	116,086

- [1] Ties to FERC Form 1 Salaries and Wages Column (b)
[2] Allocated using All - Dist Plt - Meters - Jur
[3] Allocated using All - Dist Plt Cust Prem - Jur
[4] Allocated using All - Cust Num - Jur
[5] All - Labor - Jur
[6] Detail Accounting records, Labor resource codes
[7] Duke Energy Catawba Joint Owner Accounting

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Jan 19 2023

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma reflects adjustments to revenue, fuel expense, operation and maintenance expense, and income taxes to normalize weather conditions experienced during the test period.

The impact to revenue is determined as follows:

1. The percentage of NC Retail kWh sales for the test period is calculated by dividing NC Retail kWh sales by Retail kWh sales.
2. The NC Retail kWh weather adjustment for the test period is determined by multiplying the percentage of NC Retail kWh sales by the Retail kWh weather adjustment. This Retail kWh weather adjustment is calculated by determining the effect that temperature variances have on kWh sales and then pricing out that change in kWh sales for each customer class during the test period at the rates in effect during the test period.

The weather normals used in deriving the temperature corrections for the year 2021 reflect a 30 year average of heating and cooling degree days/hours based on the years 1990-2020. The derivations of the individual monthly weather normals start with calculating the simple average of the hourly temperatures from the following three weather stations:

- A. Charlotte Douglas International Airport
- B. Greensboro Piedmont Triad Airport
- C. Greer Greenville - Spartanburg Airport

Next, degree hours are calculated by taking the average daily temperatures and subtracting them from a base (65 degrees Fahrenheit for CDD's and 65 degrees Fahrenheit for HDD's). The resulting CDD's and HDD's are summed for each day to determine the daily heating or cooling degree hours over the billing period.

3. The average price by class for the test period is calculated by dividing NC Retail present revenues annualized (dollars in thousands) by NC Retail kWh sales.
4. The weather adjusted revenue for the test period is calculated by multiplying the NC Retail kWh weather adjustment by the average price by class.

The impact to fuel expense is determined by multiplying the NC Retail kWh weather adjustment by the most recent approved fuel rate.

The impact to other operation and maintenance expense is determined by multiplying the impact to revenue by the statutory regulatory fee percentage rate and the uncollectibles rate.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

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<u>Line No</u>	<u>Impacted Income Statement Line Items</u>	<u>Source</u>	<u>Total NC Retail Application</u>
1	Sales of Electricity	NC1050-1	4,807
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ 4,807
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation	NC1050-1	891
8	Purchased power		
9	Other operation and maintenance expense	NC1050-1	110
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC1050-1	889
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		1,890
17			
18	Operating income (L3-L16)		2,917
19	<u>Rate Base</u>	<u>Source</u>	<u>Total NC Retail Application</u>
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

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<u>Line No.</u>	<u>Description</u>	<u>Residential</u>	<u>General Service</u>	<u>Industrial</u>	<u>General Service OPT</u>	<u>Industrial OPT</u>	<u>Total OPT</u>	<u>Total</u>	
1	Retail kWh weather adjustment	74,169,447	(10,133,940)	(938,111)	(15,371,946)	(5,991,539)	(21,363,485)	41,733,912	[2]
2									
3	NC Retail kWh sales - per billing determinants	22,379,004,323	9,233,500,466	2,080,236,237	13,372,198,503	10,132,503,018	23,504,701,520	57,197,442,547	[1]
4	NC Retail revenue excluding Basic Customer Charge	\$ 2,109,572	\$ 788,316	\$ 151,702	\$ 797,363	\$ 565,952	\$ 1,363,315	\$ 4,412,905	[3]
5	Average price by class in ¢/kWh (L4 / L3) x 100,000	9.43	8.54	7.29	5.96	5.59			
6									
7	Weather adjusted revenue (L1 x L5) / 100,000	\$ 6,991.63	\$ (865.19)	\$ (68.41)	\$ (916.60)	\$ (334.66)	\$ (1,251)	\$ 4,807	
8									
9	Fuel and fuel related costs ¢/kWh (excluding EMF)	2.0003	1.8217	1.8396	1.8217	1.8396			[4]
10	Impact to fuel (L1 x L9) / 100,000	\$ 1,484	\$ (185)	\$ (17)	\$ (280)	\$ (110)	\$ (390)	\$ 891	
11									
12	Variable Production O&M cost \$/MWh	1.79765	1.79765	1.79765	1.79765	1.79765	1.79765		[8]
13	Impact to Production O&M (L1/1000 x L12)/1000	\$ 133	\$ (18)	\$ (2)	\$ (28)	\$ (11)	\$ (38.40)	\$ 75	
14									
15	NC Retail revenue weather adjustment, net of fuel and variable O&M (L7 - L10 - L13)	5,375	(662)	(49)	(609)	(214)	(823)	\$ 3,840	
16									
17	<u>Calculation of NCUC Regulatory Fee</u>								
18	Uncollectibles Rate	0.585%	0.585%	0.585%	0.585%	0.585%	0.585%		[5]
19	Statutory regulatory fee percentage rate	0.139%	0.139%	0.139%	0.139%	0.139%	0.139%		[6]
20	Impact to O&M (L7 x (L18 + L19)	\$ 51	\$ (6)	\$ (0)	\$ (7)	\$ (2)	\$ (9)	\$ 35	
21									
22	Taxable income (L15 - L20)	5,324	(656)	(49)	(602)	(211)	(814)	3,805	
23	Statutory tax rate	23.35%	23.35%	23.35%	23.35%	23.35%	23.35%		[7]
24	Impact to income taxes (L22 x L23)	\$ 1,243	\$ (153)	\$ (11)	\$ (141)	\$ (49)	\$ (190)	\$ 889	
25	Impact to operating income (L22 - L24)	\$ 4,081	\$ (503)	\$ (38)	\$ (462)	\$ (162)	\$ (624)	\$ 2,917	

[1] NC-1050-2 - 2021 KWH Sales - Per Book

[2] NC-1050-3 - KWH Weather Normalizations - Based on 30-Year Average, Line 13

[3] NC-1050-2 - Present Revenues Excluding Basic Customer Charge - North Carolina Retail

[4] NC-2010-2 - Fuel Factors

[5] NC-1010-5 - 2021 Uncollectibles Rate, Line 3

[6] NC-1010-3 - NCUC Statutory Regulatory Fee Percentage Rate - Adjusted, Docket No. M-100, Sub 142, Line 3

[7] NC1010-4 2022 Calculation of Tax Rates, Line 10

[8] NC-1040-7 Cost per MWh Line 33

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Billed Revenues and Present Revenues Annualized - North Carolina Retail

		North Carolina Retail					
Line No.	Description	Present Revenues	Basic Facilities	Present Revenues		Per Book kWh Sales [2]	w/o BFC \$ / kWh
		Annualized	Charge	Excluding Basic Facilities			
		[a]	[b]	[c] = [a] - [b]	[d]	[e] = [c] / [d]	*100
2	Residential	\$ 2,410,819,184	\$ 301,247,674	\$ 2,109,571,510	22,379,004,323		9.43
3	Class RS	\$ 1,411,064,544	\$ 173,709,830	\$ 1,237,354,714	12,660,647,618		
4	RS	\$ 1,395,816,237	\$ 171,921,834	\$ 1,223,894,403	12,518,109,925		
5	ES	\$ 14,176,161	\$ 1,650,852	\$ 12,525,309	132,230,485		
6	RS-CPP	\$ 377,797	\$ 48,202	\$ 329,595	3,591,365		
7	RS-TOU-CPP	\$ 323,909	\$ 41,804	\$ 282,105	3,086,298		
8	RS-TOUD-DPP	\$ 330,078	\$ 40,698	\$ 289,380	3,260,783		
9	RSTC	\$ 40,363	\$ 6,440	\$ 33,923	368,762		
10	Class RE	\$ 999,754,640	\$ 127,537,844	\$ 872,216,796	9,718,356,705		
11	RE	\$ 990,356,632	\$ 126,524,958	\$ 863,831,674	9,620,481,323		
12	ESA	\$ 4,209,708	\$ 551,670	\$ 3,658,038	41,954,365		
13	RE-CPP	\$ 371,747	\$ 50,036	\$ 321,711	3,807,268		
14	RE-TOU-CPP	\$ 309,395	\$ 43,092	\$ 266,303	3,168,009		
15	RE-TOUD-DPP	\$ 291,772	\$ 36,568	\$ 255,204	3,158,164		
16	RETC	\$ 58,642	\$ 8,232	\$ 50,410	588,563		
17	RT	\$ 4,156,745	\$ 323,288	\$ 3,833,457	45,199,014		
18							
19	General Service	\$ 848,883,403	\$ 60,567,539	\$ 788,315,865	9,233,500,466		8.54
20	Class SGS	\$ 474,502,460	\$ 56,086,428	\$ 418,416,031	4,386,118,793		
21	SGS	\$ 467,781,804	\$ 53,271,000	\$ 414,510,804	4,315,891,995		
22	SGS-CATV	\$ 6,093,005	\$ 2,724,954	\$ 3,368,051	64,260,449		
23	SGS-CPP	\$ 319,732	\$ 53,497	\$ 266,235	2,909,187		
24	SGS-TOU-CPP	\$ 118,099	\$ 20,069	\$ 98,030	1,074,987		
25	SGS-TOUD-DPP	\$ 175,927	\$ 14,446	\$ 161,482	1,868,578		
26	SGSTC	\$ 13,892	\$ 2,463	\$ 11,430	113,598		
27	Class LGS	\$ 371,092,161	\$ 2,495,594	\$ 368,596,567	4,826,989,357		
28	LGS	\$ 370,946,802	\$ 2,490,561	\$ 368,456,241	4,826,822,606		
29	PG	\$ 145,359	\$ 5,033	\$ 140,326	166,751		
30	Class General Miscellaneous	\$ 3,288,783	\$ 1,985,517	\$ 1,303,266	20,392,317		
31	BC	\$ 3,288,783	\$ 1,985,517	\$ 1,303,266	20,392,317		
32							
33	Industrial	\$ 152,528,261	\$ 825,777	\$ 151,702,483	2,080,236,237		7.29
34	I	\$ 152,528,261	\$ 825,777	\$ 151,702,483	2,080,236,237		
35							
36	OPT	\$ 1,369,944,656	\$ 6,629,652	\$ 1,363,315,004	23,504,701,520		5.80
37	OPTVPL	\$ 455,276,463	\$ 47,901	\$ 455,228,562	8,438,110,251		
38	OPTVPM	\$ 44,675,688	\$ 26,412	\$ 44,649,276	772,176,778		
39	OPTVPS	\$ 22,338,509	\$ 53,145	\$ 22,285,364	400,394,617		
40	OPTVSL	\$ 145,838,325	\$ 24,674	\$ 145,813,650	2,620,988,729		
41	OPTVSM	\$ 136,132,507	\$ 93,068	\$ 136,039,439	2,261,832,401		
42	Class OPTVSS	\$ 565,683,185	\$ 6,384,452	\$ 559,298,732	9,011,198,745		
43	OPTVSS	\$ 474,902,033	\$ 6,378,056	\$ 468,523,977	7,157,637,089		
44	OPTV	\$ 638,461	\$ 4,948	\$ 633,512	10,878,770		
45	OPTVT	\$ 90,142,691	\$ 1,448	\$ 90,141,243	1,842,682,887		
46	OPTVG	\$ 802,951,419	\$ 6,221,903	\$ 796,729,515	13,361,319,733		5.96
47	OPTVGPL	\$ 196,123,821	\$ 17,887	\$ 196,105,935	3,621,710,120		
48	OPTVGPM	\$ 26,994,805	\$ 17,340	\$ 26,977,465	471,339,653		
49	OPTVGPS	\$ 13,185,908	\$ 43,816	\$ 13,142,093	209,055,829		
50	OPTVGS	\$ 42,949,777	\$ 7,206	\$ 42,942,571	772,763,970		
51	OPTVISM	\$ 59,020,182	\$ 41,692	\$ 58,978,489	985,376,281		
52	OPTVGSS	\$ 405,573,239	\$ 6,093,223	\$ 399,480,016	6,098,539,529		
53	OPTVGT	\$ 59,103,686	\$ 740	\$ 59,102,946	1,202,534,351		
54	OPTVI	\$ 566,354,777	\$ 402,801	\$ 565,951,976	10,132,503,018		5.59
55	OPTVIPL	\$ 259,152,641	\$ 30,015	\$ 259,122,627	4,816,400,131		
56	OPTVPM	\$ 17,680,863	\$ 9,072	\$ 17,671,791	300,837,124		
57	OPTVPS	\$ 9,152,601	\$ 9,329	\$ 9,143,271	191,338,788		
58	OPTVISL	\$ 102,888,548	\$ 17,468	\$ 102,871,079	1,848,224,759		
59	OPTVISS	\$ 77,112,325	\$ 51,375	\$ 77,060,950	1,276,456,120		
60	OPTVISS	\$ 69,328,794	\$ 284,833	\$ 69,043,961	1,059,097,561		
61	OPTVIT	\$ 31,039,004	\$ 708	\$ 31,038,297	640,148,535		
62							
63	Lighting	\$ 143,429,521	\$ 468,908	\$ 142,960,613	585,947,590		
64	Class T & T2	\$ 141,460,810	\$ 283	\$ 141,460,527	576,568,721		
65	OL	\$ 101,957,143	\$	\$ 101,957,143	336,848,370		
66	S	\$ 2,694	\$ 283	\$ 2,410	40,116		
67	PL	\$ 39,434,708	\$	\$ 39,434,708	239,599,561		
68	NL	\$ 66,267	\$	\$ 66,267	80,674		
69	Class TS	\$ 1,968,710	\$ 468,625	\$ 1,500,086	9,378,869		
70	TS	\$ 1,968,710	\$ 468,625	\$ 1,500,086	9,378,869		
71							
72	Total Before Hourly Pricing	\$ 4,925,605,025	\$ 369,739,550	\$ 4,555,865,475	\$ 57,783,390,137		7.88
73							
74	Hourly Pricing	\$ 14,298,059	\$ -	\$ 14,298,059	285,031,905		5.02
75	HP-I	\$ (82)	\$	\$ (82)	(3,924)		
76	HP-LGS	\$ 395,115	\$	\$ 395,115	5,920,238		
77	HP-OPTVG	\$ 11,875,643	\$ -	\$ 11,875,643	223,666,417		
78	HP-OPTVGPL	\$ 10,586,222	\$	\$ 10,586,222	197,673,569		
79	HP-OPTVGPS	\$ 1,289,421	\$	\$ 1,289,421	25,992,848		
80	HP-OPTVI	\$ 2,027,384	\$ -	\$ 2,027,384	55,449,175		
81	HP-OPTVIPL	\$ 43,721	\$	\$ 43,721	19,110,823		
82	HP-OPTVIPS	\$ 750,831	\$	\$ 750,831	6,393,760		
83	HP-OPTVISL	\$ 1,047,935	\$	\$ 1,047,935	25,440,491		
84	HP-OPTVISS	\$ 184,897	\$	\$ 184,897	4,504,100		
85							
86	Total Retail Electric Sales	\$ 4,939,903,084	\$ 369,739,550	\$ 4,570,163,534	58,068,422,042		7.87

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NC RETAIL

kWh Weather Normalizations - Based on 30 Year Average (1992 - 2021)

Line No.	Month	Year	Residential	General Service	General Service - OPT	Industrial	Industrial - OPT	Total Retail
<u>30 Year Average [1]</u>								
1	Jan	2021	(5,992,561)	(979,386)	(1,686,378)	(67,525)	(409,609)	(9,135,459)
2	Feb	2021	67,496,436	3,321,574	4,614,391	(98,758)	(509,509)	74,824,134
3	Mar	2021	(56,634,013)	(4,347,678)	(4,422,935)	13,681	49,624	(65,341,321)
4	Apr	2021	56,618,796	(139,276)	(201,907)	(152,404)	(704,111)	55,421,098
5	May	2021	(13,514,439)	1,879,113	2,860,085	183,477	717,734	(7,874,030)
6	Jun	2021	(1,580,352)	(438,102)	(621,439)	15,444	89,041	(2,535,407)
7	Jul	2021	93,093,265	15,428,469	21,120,141	1,179,600	4,691,248	135,512,723
8	Aug	2021	81,568,308	11,682,838	16,178,280	637,186	3,854,406	113,921,018
9	Sep	2021	(76,488,491)	(13,062,702)	(17,341,817)	(642,800)	(2,849,978)	(110,385,788)
10	Oct	2021	(48,126,297)	(9,864,881)	(14,634,983)	(584,058)	(2,144,614)	(75,354,833)
11	Nov	2021	(53,069,556)	(14,025,718)	(21,816,649)	(1,262,024)	(7,973,311)	(98,147,257)
12	Dec	2021	30,798,350	411,809	581,265	(159,929)	(802,461)	30,829,035
13	Total		74,169,447	(10,133,940)	(15,371,946)	(938,111)	(5,991,539)	41,733,912

Note: (Favorable weather) / Unfavorable weather adjustment

[1] NC1050-4 Weather Support, from Duke Energy Load Forecasting

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Calculation of North Carolina Retail kWh Weather Adjustment

North Carolina Retail kWh sales by Customer Class

Line No.		Residential	Commercial	Commercial - OPT	Industrial	Industrial - OPT	Lighting	Total Retail sales		Total Retail	
								before HP	Commercial - HP	Industrial - HP	Electric Sales
1	Jan-21	2,427,681,062	797,142,981	1,372,578,952	160,533,368	973,798,524	48,567,964	5,780,302,851	6,162,104	(698,403)	5,785,766,552
2	Feb-21	2,047,049,931	696,817,095	968,030,999	153,955,623	794,282,744	45,969,214	4,706,105,606	274,547	(1,182,756)	4,705,197,397
3	Mar-21	1,996,844,815	708,361,938	720,623,463	160,254,583	581,280,029	49,588,876	4,216,953,704	(1,402,514)	550,418	4,216,101,608
4	Apr-21	1,585,019,875	698,159,627	1,012,113,428	163,840,443	756,945,891	8,844,850	4,224,924,114	804,026	6,302,252	4,232,030,392
5	May-21	1,288,097,829	645,208,787	982,033,872	169,824,380	664,328,927	20,935,046	3,770,428,841	9,051,488	5,601,647	3,785,081,976
6	Jun-21	1,774,698,786	819,326,279	1,162,198,989	149,535,229	862,136,094	32,194,366	4,800,089,743	8,282,925	5,096,700	4,813,469,367
7	Jul-21	2,146,582,916	947,681,841	1,297,288,410	221,407,938	880,535,786	21,799,731	5,515,296,622	18,180,526	7,099,023	5,540,576,171
8	Aug-21	2,212,543,914	936,429,463	1,296,758,430	196,330,170	1,187,622,876	21,379,030	5,851,063,882	31,502,406	7,612,351	5,890,178,639
9	Sep-21	2,129,356,020	961,493,174	1,276,461,706	199,598,851	884,959,881	22,213,525	5,474,083,157	37,441,988	6,125,674	5,517,650,820
10	Oct-21	1,481,929,471	787,190,355	1,167,831,433	172,026,125	631,666,307	20,436,264	4,261,079,955	29,335,471	7,204,074	4,297,619,500
11	Nov-21	1,359,179,103	669,333,247	1,041,130,939	173,732,904	1,097,623,278	11,795,045	4,352,794,517	37,709,853	6,120,000	4,396,624,370
12	Dec-21	1,975,539,867	776,382,821	1,095,857,133	158,763,190	796,613,429	27,688,528	4,830,844,968	52,243,835	5,614,270	4,888,703,073
13	Grand Total	22,424,523,590	9,443,527,607	13,392,907,753	2,079,802,805	10,111,793,765	331,412,439	57,783,967,959	229,586,654	55,445,251	58,068,999,864
14											
15											
16	Weather Normalization Factor (Load Forecasting)										
17											
18		Residential	Commercial	Commercial - OPT	Industrial	Industrial - OPT	Lighting		Commercial - HP	Industrial - HP	
19	Jan-21	0.9975	0.9988	0.9988	0.9996	0.9996	1.0000		1.0000	1.0000	
20	Feb-21	1.0330	1.0048	1.0048	0.9994	0.9994	1.0000		1.0000	1.0000	
21	Mar-21	0.9716	0.9939	0.9939	1.0001	1.0001	1.0000		1.0000	1.0000	
22	Apr-21	1.0357	0.9998	0.9998	0.9991	0.9991	1.0000		1.0000	1.0000	
23	May-21	0.9895	1.0029	1.0029	1.0011	1.0011	1.0000		1.0000	1.0000	
24	Jun-21	0.9991	0.9995	0.9995	1.0001	1.0001	1.0000		1.0000	1.0000	
25	Jul-21	1.0434	1.0163	1.0163	1.0053	1.0053	1.0000		1.0000	1.0000	
26	Aug-21	1.0369	1.0125	1.0125	1.0032	1.0032	1.0000		1.0000	1.0000	
27	Sep-21	0.9641	0.9864	0.9864	0.9968	0.9968	1.0000		1.0000	1.0000	
28	Oct-21	0.9675	0.9875	0.9875	0.9966	0.9966	1.0000		1.0000	1.0000	
29	Nov-21	0.9610	0.9790	0.9790	0.9927	0.9927	1.0000		1.0000	1.0000	
30	Dec-21	1.0156	1.0005	1.0005	0.9990	0.9990	1.0000		1.0000	1.0000	
31											

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Weather Normalization
For the Test Period Ending December 31, 2021

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NC1050-4 Weather Support
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32 North Carolina Weather Normal kWh (kWh Sales by Customer Class * Weather Normalization Factor)

33

		Residential	Commercial	Commercial - OPT	Industrial	Industrial - OPT	Lighting	Total Retail sales before HP	Commercial - HP	Industrial - HP
34										
35	Jan-21	2,421,688,501	796,163,595	1,370,892,574	160,465,843	973,388,915	48,567,964	5,771,167,392	6,162,104	(698,403)
36	Feb-21	2,114,546,367	700,138,669	972,645,390	153,856,865	793,773,235	45,969,214	4,780,929,740	274,547	(1,182,756)
37	Mar-21	1,940,210,802	704,014,260	716,200,528	160,268,264	581,329,653	49,588,876	4,151,612,383	(1,402,514)	550,418
38	Apr-21	1,641,638,671	698,020,351	1,011,911,521	163,688,039	756,241,780	8,844,850	4,280,345,212	804,026	6,302,252
39	May-21	1,274,583,390	647,087,899	984,893,957	170,007,857	665,046,661	20,935,046	3,762,554,811	9,051,488	5,601,647
40	Jun-21	1,773,118,434	818,888,177	1,161,577,550	149,550,673	862,225,135	32,194,366	4,797,554,335	8,282,925	5,096,700
41	Jul-21	2,239,676,181	963,110,309	1,318,408,551	222,587,538	885,227,034	21,799,731	5,650,809,345	18,180,526	7,099,023
42	Aug-21	2,294,112,222	948,112,300	1,312,936,710	196,967,356	1,191,477,282	21,379,030	5,964,984,900	31,502,406	7,612,351
43	Sep-21	2,052,867,529	948,430,472	1,259,119,889	198,956,051	882,109,903	22,213,525	5,363,697,369	37,441,988	6,125,674
44	Oct-21	1,433,803,174	777,325,474	1,153,196,450	171,442,067	629,521,692	20,436,264	4,185,725,122	29,335,471	7,204,074
45	Nov-21	1,306,109,547	655,307,530	1,019,314,290	172,470,880	1,089,649,967	11,795,045	4,254,647,259	37,709,853	6,120,000
46	Dec-21	2,006,338,217	776,794,630	1,096,438,397	158,603,261	795,810,969	27,688,528	4,861,674,002	52,243,835	5,614,270
47	Grand Total	22,498,693,037	9,433,393,667	13,377,535,807	2,078,864,694	10,105,802,226	331,412,439	57,825,701,870	229,586,654	55,445,251

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50 North Carolina Retail Weather Adjustment (Weather Normal kWh - kWh Sales)

51

		Residential	Commercial	Commercial - OPT	Industrial	Industrial - OPT	Lighting	Total Retail sales before HP	Commercial - HP	Industrial - HP
52										
53	Jan-21	(5,992,561)	(979,386)	(1,686,378)	(67,525)	(409,609)	-	(9,135,459)	-	-
54	Feb-21	67,496,436	3,321,574	4,614,391	(98,758)	(509,509)	-	74,824,134	-	-
55	Mar-21	(56,634,013)	(4,347,678)	(4,422,935)	13,681	49,624	-	(65,341,321)	-	-
56	Apr-21	56,618,796	(139,276)	(201,907)	(152,404)	(704,111)	-	55,421,098	-	-
57	May-21	(13,514,439)	1,879,113	2,860,085	183,477	717,734	-	(7,874,030)	-	-
58	Jun-21	(1,580,352)	(438,102)	(621,439)	15,444	89,041	-	(2,535,407)	-	-
59	Jul-21	93,093,265	15,428,469	21,120,141	1,179,600	4,691,248	-	135,512,723	-	-
60	Aug-21	81,568,308	11,682,838	16,178,280	637,186	3,854,406	-	113,921,018	-	-
61	Sep-21	(76,488,491)	(13,062,702)	(17,341,817)	(642,800)	(2,849,978)	-	(110,385,788)	-	-
62	Oct-21	(48,126,297)	(9,864,881)	(14,634,983)	(584,058)	(2,144,614)	-	(75,354,833)	-	-
63	Nov-21	(53,069,556)	(14,025,718)	(21,816,649)	(1,262,024)	(7,973,311)	-	(98,147,257)	-	-
64	Dec-21	30,798,350	411,809	581,265	(159,929)	(802,461)	-	30,829,035	-	-
65	Grand Total	74,169,447	(10,133,940)	(15,371,946)	(938,111)	(5,991,539)	-	41,733,912	-	-

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NC1050-4 Weather Support
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DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Update fuel costs to approved rates
For the Test Period Ending December 31, 2021

E1-10
NC2010 Narrative
Application

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Jan 19 2023

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts fuel expense, purchased power, other operation and maintenance expense and income taxes for fuel clause expense during the test period to match the fuel clause revenues derived from the fuel factor approved by the Commission in Docket No. E-7, Sub 1263. By matching the expenses to the revenue, this adjustment ensures that no increase is requested in this proceeding related to fuel and fuel-related expenses that are recoverable through the fuel clause.

The impact to fuel and fuel related expenses is determined as follows:

1. The total fuel clause expense (including fuel, purchased power and reagents & by-products) allocated in cost of service is eliminated from the test period.
2. The pro forma fuel clause expense is calculated by multiplying the NC Retail kWh sales for the test period by the most recent approved fuel rate.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Update fuel costs to approved rates
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2010 Summary
Page 1 of 1
Application

<u>Line No</u>	<u>Impacted Income Statement Line Items</u>	<u>Source</u>	Total NC Retail Application
1	Sales of Electricity		\$ -
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation	NC2010-1	140,824
8	Purchased power	NC2010-1	(42,129)
9	Other operation and maintenance expense	NC2010-1	(17,003)
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC2010-1	(19,075)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 62,616
17			
18	Operating income (L3-L16)		\$ (62,616)
<u>19</u>	<u>Rate Base</u>	<u>Source</u>	Total NC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		-
22	Net electric plant in service (L20 + L21)		-
23	Materials and supplies		-
24	Total Working Capital		-
25	Accumulated deferred income taxes		-
26	Operating reserves		-
27	Construction Work in Progress		-
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Update fuel costs to approved rates
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2010-1 Calculation
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Application

Line No.	Description	Residential	General	Industrial	Lighting	Total NC Retail	
1	<u>Fuel Clause Expense Allocated in Per Books Cost of Service</u>						
2	Fuel included in system average fuel costs	\$ 369,652	\$ 377,189	\$ 202,644	\$ 9,688	\$ 959,174	[1]
3	Purchased power included in system average fuel costs-demand	10,899	8,914	3,980	404	24,197	[2]
4	Purchased power included in system average fuel costs-energy	91,741	93,611	50,292	2,404	238,049	[3]
5	Reagents & by-products included in system average fuel costs	6,553	6,686	3,592	172	17,003	[4]
6	Total Fuel Clause Expense Allocated in Cost of Service (Sum L2 through L5)	\$ 478,845	\$ 486,401	\$ 260,509	\$ 12,668	\$ 1,238,423	
7	NC Retail Deferred Fuel Expense (0557980)	(84,830)	(86,559)	(46,504)	(2,223)	(220,117)	[5]
8	Total Fuel Clause and Def Fuel Exp Allocated in Cost of Service (Sum L6 through L7)	\$ 394,015	\$ 399,841	\$ 214,005	\$ 10,445	\$ 1,018,306	
9	<u>Fuel Clause Expense to Add (Based on E-7 Sub 1263)</u>						
10	Fuel and fuel related costs ¢/kWh (excluding EMF)	2.0003	1.8217	1.8396	1.8217		[6]
11	NC Retail kWh actual sales - 12 months ended December 2021	22,379,004,323	22,835,285,624	12,268,184,505	585,947,590	58,068,422,042	[7]
12	Adjusted Fuel Clause Expenses (L11 x (L10 / 100,000))	\$ 447,647	\$ 415,990	\$ 225,686	\$ 10,674	\$ 1,099,997	
13	Impact to fuel (-L2 + L12)	\$ 77,995	\$ 38,801	\$ 23,042	\$ 986	\$ 140,824	
14	Impact to purchased power (-L3 - L4 - L7)	\$ (17,810)	\$ (15,966)	\$ (7,769)	\$ (585)	\$ (42,129)	
15	Impact to O&M (-L5)	\$ (6,553)	\$ (6,686)	\$ (3,592)	\$ (172)	\$ (17,003)	
16	Taxable income (-L13 - L14 - L15)	\$ (53,632)	\$ (16,149)	\$ (11,681)	\$ (229)	\$ (81,691)	
17	Statutory tax rate	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	[8]
18	Impact to income taxes (L16 x L17)	\$ (12,523)	\$ (3,771)	\$ (2,727)	\$ (54)	\$ (19,075)	
19	Impact to operating income (L16 - L18)	\$ (41,109)	\$ (12,378)	\$ (8,953)	\$ (176)	\$ (62,616)	

[1] Included in E-1 Item 45A, Cost of Service, 501, 509, 547, 557 FUEL EXP-REMAINDER, 518 FUEL EXP-NUCLEAR FUEL, 547 FUEL EXP-BIOGAS-NCR

[2] Included in E-1 Item 45A, Cost of Service, 555 PURCHASED POWER-DEMAND

[3] Included in E-1 Item 45A, Cost of Service, 555 PURCHASED POWER-ENERGY

[4] Included in E-1 Item 45A, Cost of Service, 500-557 PROD EXP-ENERGY

[5] Included in E-1 item 45A, Cost of Service, 557 OTHER EXP-RETAIL DEF FUEL-D/A

[6] NC-2010-2 - Approved fuel and fuel related costs ¢/kWh (excluding EMF), Docket No. E-7, Sub 1263, Sykes Revised Exhibit 1, Line 9

[7] NC-1040-5 - 2021 kWh Sales - NC Retail (General and Industrial includes HP kWhs)

[8] NC1010-4 2022 Calculation of Tax Rates, Line 10

NC2010-1 Calculation
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DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Update fuel costs to approved rates
For the Test Period Ending December 31, 2021

E1-10
NC2010-2 Cost Factors
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Application

Approved fuel and fuel related costs ¢/kWh (excluding EMF) - Docket No. E-7, Sub 1263, Sykes Exhibit 1, Line 9

Duke Energy Carolinas, LLC
North Carolina Annual Fuel and Fuel Related Expense
Summary Comparison of Fuel and Fuel Related Cost Factors
Test Period Ended December 31, 2021
Billing Period September 2022 - August 2023
Docket E-7, Sub 1263

Line #	Description	Reference	Residential cents/kWh	General cents/kWh	Industrial cents/kWh	Composite cents/kWh
<u>Current Fuel and Fuel Related Cost Factors (Approved Fuel Rider Docket No. E-7, Sub 1250)</u>						
1	Approved Fuel and Fuel Related Costs Factors	Input	1.5337	1.6895	1.7243	1.6414
2	EMF Increment (Decrement) cents/kWh	Input	(0.0282)	0.0476	0.1391	0.0353
3	EMF Interest Increment (Decrement) cents/kWh	Input	(0.0041)	0.0000	0.0000	0.0000
4	Approved Net Fuel and Fuel Related Costs Factors	Sum	1.5014	1.7371	1.8634	1.6767
<u>Fuel and Fuel Related Cost Factors Required by Rule R8-55</u>						
5	Proposed Nuclear Capacity Factor of 93.94% and Normalized Test Period Sales	Exh 2 Sch 2 pg 2	2.4708	2.4401	2.4022	2.4497
6	NERC 5 Year Average Nuclear Capacity Factor of 92.07% and Projected Period Sales	Exh 2 Sch 3 pg 2	2.5199	2.4711	2.4308	2.4872
<u>Proposed Fuel and Fuel Related Cost Factors using Proposed Nuclear Capacity Factor of 93.94%</u>						
7	Fuel and Fuel Related Costs excluding Purchased Capacity cents/kWh	Exh 2 Sch 1 pg 2	1.9686	1.7971	1.8197	1.8746
8	REPS Compliance and QF Purchased Power - Capacity cents/kWh	Exh 2 Sch 1 pg 2	0.0317	0.0246	0.0199	0.0264
9	Total adjusted Fuel and Fuel Related Costs cents/kWh	Sum	2.0003	1.8217	1.8396	1.9010
10	EMF Increment (Decrement) cents/kWh	Exh 3 pg 2, 3, 4	0.4863	0.6254	0.5726	0.5597
11	EMF Interest Increment (Decrement) cents/kWh	Exh 3 pg 2, 3, 4	-	-	-	-
12	Net Fuel and Fuel Related Costs Factors cents/kWh	Sum	2.4866	2.4471	2.4122	2.4607

Note: Fuel factors exclude regulatory fee

E1-10
NC2010-2 Cost
Factors
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DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Adjust for Costs Recovered through Non Fuel Riders
For the Test Period Ending December 31, 2021

E1-10
NC2030 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This proforma adjusts revenues and expenses to remove amounts that are associated with cost recovery through non-fuel riders. Rate base is also adjusted to eliminate the amounts recorded on the Company's financial statements as of December 31, 2021 related to the riders as outlined on NC2030-1.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Adjust for Costs Recovered through Non Fuel Riders
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2030 Summary
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Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue	NC2030-1	25,150
3	Electric operating revenue (L1+L2)		\$ 25,150
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation	NC2030-1	\$ (29,761)
8	Purchased power	NC2030-1	\$ (968)
9	Other operation and maintenance expense	NC2030-1	\$ (81,295)
10	Depreciation and amortization	NC2030-1	\$ 14,329
11	General taxes	NC2030-1	\$ (910)
12	Interest on customer deposits		
13	EDIT Amortization	NC2030-1	180,377
14	Net income taxes	NC2030-1	30,327
15	Amortization of investment tax credit	NC2030-1	\$ 945
16	Total electric operating expenses (sum(L7:L15))		\$ 113,044
17			
18	Operating income (L3-L16)		\$ (87,894)
19	<u>Rate Base</u>	Source	Total NC Retail Application
20	Electric plant in service	NC2030-1	\$ (105,865)
21	Accumulated depreciation and amortization	NC2030-1	\$ 10,526
22	Net electric plant in service (L20 + L21)	NC2030-1	\$ (95,339)
23	Materials and supplies	NC2030-1	\$ (69,176)
24	Total Working Capital	NC2030-1	\$ 79,196
25	Accumulated deferred income taxes	NC2030-1	\$ (18,545)
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ (103,864)

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Adjust for Costs Recovered through Non Fuel Riders
For the Test Period Ending December 31, 2021
(Dollars in Thousands)

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NC2030-1 Calculation
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Application

Line No.	Description	NC2030-2	NC2030-3.1 NC2030-3.2	NC2030-4 NC2030-5	NC2030-6	NC2030-7	NC2030-8	NC2030-9	NC2030-10.1 NC2030-10.2	Total System Adjustment	Allocation Factor	NC Retail Adjustment
		DSM/EE	REPS	EDIT & Def. Rev.	Green Source	EDPR	BPM	JRR	CPRE			
2	Impact to Income Statement Line Items											
3	<u>Electric operating revenue:</u>											
4	Remove NC SAW Deferred Revenue (Account 0456560)	(74,776) [1]								\$ 74,776	100.0000%	\$ 74,776
5	Adjust EDPR Revenue & Remove Deferred DSM Costs - NC (Account 0456640)					(657) [8]	5,428 [9]			657	100.0000%	657
6	Remove BPM Revenue									(5,428)	NC2030-8	(5,428)
7	Tax Reform - retail			48,331 [5]						(48,331)	NC2030-5	(35,307)
8	Remove JRR (Account 0456392)							9,547 [10]		(9,547)	100.0000%	(9,547)
9	Impact to revenue (Sum L4 through L8)									\$ 12,127		\$ 25,150
10												
11	<u>Fuel used in electric generation:</u>											
12	Remove RECS Consumption Expense (Account 0509213)		28,903 [3]							\$ (28,903)	94.5604%	\$ (27,331)
13	Remove Biogas Expense - REPS		(101) [3]							\$ 101	100.0000%	\$ 101
14	Remove BPM Fuel						2,532 [9]			(2,532)	NC2030-8	(2,532)
15	Impact to fuel (Sum L12 through L14)									\$ (31,333)		\$ (29,761)
16												
17	<u>Purchased power:</u>											
18	Remove Green Source Premium (0555 Purchase Power)				1,015 [7]					\$ (1,015)	100.0000%	\$ (1,015)
19	Remove CPRE Purchased Power - demand (Account 0555145)								(16) [11]	\$ 16	66.9690%	\$ 10
20	Remove CPRE Purchased Power - sales (Account 0555145)								(54) [11]	\$ 54	67.2646%	\$ 37
21	Impact to purchased power (Sum L18 through L20)									\$ (945)		\$ (968)
22												
23	<u>Other operation and maintenance expense:</u>											
24	Remove Total Energy Efficiency & Demand Side Program Costs - Energy	75,689 [1]								\$ (75,689)	73.8926%	\$ (55,929)
25	Remove Total Energy Efficiency & Demand Side Program Costs - Demand	32,732 [1]								(32,732)	73.4698%	(24,048)
26	Remove other operations and Maint. - solar - NC REPS avoided to cap		136 [4]							(136)	NC2030-3.1	(91)
27	Remove other operations and Maint. - solar - NC REPS avoided to cap deferral		(80) [4]							80	66.9690%	53
28	Remove other operations and Maint. - Green Source Rider				15 [7]					(15)	68.2076%	(10)
29	Remove BPM O&M						867 [9]			(867)	NC2030-8	(867)
30	Remove CPRE O&M								602 [11]	(602)	66.9690%	(403)
31	Impact to O&M (Sum L24 through L30)									\$ (109,961)		\$ (81,295)
32												
33	<u>Depreciation and amortization:</u>											
34	Remove REPS Rider NC Retail (Account 0407350)		3,184 [3]							\$ (3,184)	100.0000%	\$ (3,184)
35	Remove REPS Rider NC Retail - Cert (Account 0407352)		30,909 [3]							(30,909)	100.0000%	(30,909)
36	Remove EDIT Rider Amortization			(27,829) [6]						27,829	100.0000%	27,829
37	Remove NC Amortization of Retail REC Expense (Account 0407450)		(27,845) [3]							27,845	100.0000%	27,845
38	Remove depreciation and amort. - solar - NC REPS avoided to cap		968 [4]							(968)	66.9690%	(648)
39	Remove depreciation and amort. -0403850 - Deferral of Depr. Exp. - Solar		(1,093) [1]							1,093	66.9690%	732
40	Remove CPRE amortization								3,372 [11]	(3,372)	100.0000%	(3,372)
41	Remove CPRE Depreciation								5,916 [11]	(5,916)		(3,964)
42	Impact to depreciation and amortization (Sum L34 through L40)									\$ 12,419		\$ 14,329
43												
44	<u>General taxes</u>											
45	Remove Green Source Premium				1 [7]					\$ (1)	68.2076%	\$ (1)
46	Remove DSM_EE General Taxes - Energy	450 [1]								\$ (450)	73.8926%	\$ (333)
47	Remove DSM_EE General Taxes - Demand	140 [1]								\$ (140)	73.4698%	\$ (103)
48	Remove BPM General Taxes						8 [9]			(8)	NC2030-8	(8)
49	Remove CPRE Property Taxes								690 [11]	(690)	67.4925%	(466)
50	Impact to General Taxes (Sum L45 through L49)									\$ (1,290)		\$ (910)
51												
52	<u>Amortization of investment tax credit</u>											
53	Remove CPRE ITC amortization								(945) [11]	\$ 945	100.0000%	\$ 945
54												
55	Taxable income (L9 - (L15 + L21 + L31 + L42 + L50))									\$ 143,237		\$ 123,755
56												
57	Statutory tax rate									23.3503% [2]		23.3503% [2]
58	Impact to income taxes (L55 x L57)									33,446		28,897
59	CPRE Tax Credit								(2,173) [11]	2,173	65.7935%	1,430
60	Total impact to income taxes (L58 + L59)									\$ 35,620		\$ 30,327
61												
62	EDIT Rider Amortization (net of tax)			(180,377) [6]						180,377	100.0000%	180,377
63	Impact to operating income (L55 - (L58 + L62 + L53))									\$ (73,705)		\$ (87,894)

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Line No.	Description	DSM/EE	REPS	EDIT & Def. Rev.	Green Source	EDPR	BPM	JRR	CPRE	Adjustment to Total Carolinas	NC Retail Allocation	Total NC Retail
64	Impact to Rate Base Line Items											
65	Electric plant in service:											
66	Remove electric plant in service - solar - NC REPS avoided to cap		17,914 [4]							\$ (17,914)	94.0326%	\$ (16,845)
67	Remove electric plant in service - CPRE								132,110 [12]	(132,110)		(89,020)
68	Impact to electric plant in service (L66+L67)									<u>\$ (150,024)</u>		<u>\$ (105,865)</u>
69												
70	Accumulated depreciation and amortization:											
71	Remove accumulated depreciation - solar - NC REPS avoided to cap		(6,976) [4]							\$ 6,976	94.0326%	\$ 6,559
72	Remove accumulated depreciation - CPRE								(5,922) [12]	<u>5,922</u>		<u>3,967</u>
73	Impact to accumulated depreciation and amortization (L71+ L72)									<u>\$ 12,898</u>		<u>\$ 10,526</u>
74												
75	Materials and supplies:											
76	Remove Renewable Energy Credits (RECs) DE Carolinas - NC (Account 0158120)		73,155 [3]							<u>\$ (73,155)</u>	94.5604%	<u>\$ (69,176)</u>
77												
78	Working capital investment:											
79	Remove REPS Incremental Costs (Account 0182359)		1,616 [3]							\$ (1,616)	94.5604%	\$ (1,528)
80	Remove Duke Generated REC Certificate (Account 0182374)		7,698 [3]							(7,698)		(7,279)
81	Remove Save a Watt Regulatory Asset (Account 0182381)	(32,890) [1]								32,890	100.0000%	32,890
82	Remove CPRE Rider Sales - Asset - Retail (Account 0182528)								6 [12]	(6)	100.0000%	(6)
83	Remove CPRE Rider Demand - Asset - Retail (Account 0182528)								2 [12]	(2)	100.0000%	(2)
84	Remove NC Solar Rebate Program Costs - Asset - Retail (Account 0182560)		16,939 [3]							(16,939)	100.0000%	(16,939)
85	Remove Deferred Debt Return - Solar (Account 0253905)		(7,459) [3]							7,459	94.5604%	7,053
86	Remove NC REC Liability - Retail (Account 0254250)		(61,118) [3]							61,118	100.0000%	61,118
87	Remove CPRE Rider Liability - Retail (Account 0254051)								(3,888) [12]	<u>3,888</u>	100.0000%	<u>3,888</u>
88	Impact to working capital investment (Sum L79 through L87)									<u>\$ 79,095</u>		<u>\$ 79,196</u>
89												
90	Accumulated deferred income tax:											
91	Applicable working capital investment (L79 - L 81 - L 82 - L 83 - L 84 - L 86 - L 87)									\$ 79,333		\$ 79,421
92	Deferred tax rate									23.3503% [2]		23.3503% [2]
93	Impact to accumulated deferred income tax (-L91 x L92)									<u>\$ (18,525)</u>		<u>\$ (18,545)</u>
94												
95	Impact to rate base (L68 + L73 + L76 + L88 + L93)									<u>\$ (149,711)</u>		<u>\$ (103,864)</u>

- [1] NC-2030-2 DSM, EE
[2] NC1010-4 2022 Calculation of Tax Rates, Line 10
[3] NC2030-3.2 REPS
[4] NC2030-3.1 REPS
[5] NC2030-5 Deferred Revenue
[6] NC2030-4 EDIT
[7] NC2030-6 GSR
[8] NC2030-7 EDPR
[9] NC2030-8 BPM
[10] NC2030-9 JRR
[11] NC2030-10.1 CPRE
[12] NC2030-10.2 CPRE

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Remove DSM/EE clause impacts

Row INCOME STATEMENT

1	<u>Revenue</u>						
2	<u>Description</u>	<u>FERC Account</u>		<u>DSM/EE Total</u>			
3	SAW Deferred Revenue	0456560		(74,775,604)	[1]		
4							
5							
6	<u>FERC Account</u>	<u>Demand</u>		<u>Energy</u>		<u>Total System</u>	
7	<u>O&M</u>						
8		557000	32,501,030	[2]	74,727,520	[3]	107,228,550
9		903000	117	[4]	283	[5]	400
10		908000	17	[6]	25	[7]	42
11		912000	-	[8]	732	[9]	732
12		921100	71	[10]	173	[11]	245
13		921200	0	[10]	1	[11]	1
14		923000	55	[10]	134	[11]	190
15		926600	419,811	[10]	1,354,472	[11]	1,774,282
16		929500	(188,651)	[10]	(394,046)	[11]	(582,697)
17		Total O&M	32,732,450		75,689,295		108,421,744
18							
19	<u>General Taxes</u>						
20		408960	140,452	[12]	450,094	[13]	590,545

RATE BASE

Description	FERC Account	Total System
SC Save a Watt Regulatory Asset	0182361	[1] (4,786,081)
Save a Watt Regulatory Asset	0182381	[1] (32,890,263)

- [1] Trial Balance
- [2] COS - 500-557 PROD EXP-DSM/EE-DEMAND-RETAIL
- [3] COS - 500-557 PROD EXP-DSM/EE-ENERGY-RETAIL
- [4] COS - 903 CUST ACCTS EXP-DSM/EE-DEMAND-RETAIL
- [5] COS - 903 CUST ACCTS EXP-DSM/EE-ENERGY-RETAIL
- [6] COS - 906-910 CUST SVC & INFO-DSM/EE-DEMAND-RETAIL
- [7] COS - 906-910 CUST SVC & INFO-DSM/EE-ENERGY-RETAIL
- [8] COS - 911-917 SALES EXP-DSM/EE-DEMAND-RETAIL
- [9] COS - 911-917 SALES EXP-DSM/EE-ENERGY-RETAIL
- [10] COS - 920-931 A&G EXP-O&M REL-DSM/EE-DEMAND-RETAIL
- [11] COS - 920-931 A&G EXP-O&M REL-DSM/EE-ENERGY-RETAIL
- [12] COS - 408 GEN TAX-DSM/EE-DEMAND-RETAIL
- [13] COS - 408 GEN TAX-DSM/EE-ENERGY-RETAIL

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Solar Costs - Per Book

Line No.	Description	Total	Base Rates Up to Avoided Cost	NC REPS Avoided to Cap-IC	NC Base Rates- Excess Above Cap
1					
2	Allocation Percentages for Solar Costs Solar PVDG	100.00%	26.80%	40.50%	32.70% [1]
3	Allocation Percentages for Solar Costs Monroe	100.00%	82.90%	4.10%	13.00% [1]
4	Allocation Percentages for Solar Costs Mocksville	100.00%	74.70%	3.70%	21.60% [1]
5	Allocation Percentages for Solar Costs Woodleaf	100.00%	77.80%	4.10%	18.10% [1]
6					
7	<u>Other operation and maintenance expense - Solar:</u>				
8	Impact to other operation and maintenance expense - Solar PVDG	\$ 166	\$ 45	\$ 67	\$ 54
9	Impact to other operation and maintenance expense - Monroe	1,201	995	49	156
10	Impact to other operation and maintenance expense - Solar Mocksville	379	283	14	82
11	Impact to other operation and maintenance expense - Solar Woodleaf	137	107	6	25
12	Total other operation and maintenance expense - Solar	\$ 1,883 [2]	\$ 1,430	\$ 136	\$ 317
13					
14	Total other operation and maintenance expense - Solar Deferral	\$ (80) [3]		\$ (80)	
15					
16	<u>Depreciation and amortization - Solar:</u>				
17	Impact to Depreciation and amortization - Solar PVDG	\$ 1,632	\$ 437	\$ 661	\$ 534
18	Impact to Depreciation and amortization - Solar Monroe	5,436	4,506	223	707
19	Impact to Depreciation and amortization - Solar Mocksville	1,594	1,190	59	344
20	Impact to Depreciation and amortization - Solar Woodleaf	609	474	25	110
21	Total depreciation and amortization - Solar	\$ 9,271 [2]	\$ 6,608	\$ 968	\$ 1,695
22					
23	Total depreciation and amortization - Solar Deferral	\$ (1,093) [4]		\$ (1,093)	
24					
25	<u>Electric Plant in Service - Solar:</u>				
26	Impact to electric plant in service - Solar PVDG	\$ 29,046	\$ 7,784	\$ 11,764	\$ 9,498
27	Impact to electric plant in service - Monroe	107,412	89,044	4,404	13,964
28	Impact to electric plant in service - Solar Mocksville	31,794	23,750	1,176	6,867
29	Impact to electric plant in service - Solar Woodleaf	13,911	10,822	570	2,518
30	Total Electric Plant in Service - Solar	\$ 182,162 [2]	\$ 131,401	\$ 17,914	\$ 32,847
31					
32	<u>Accumulated Depreciation - Solar:</u>				
33	Impact to accum. depr. - Solar PVDG	\$ (13,936)	\$ (3,735)	\$ (5,644)	\$ (4,557)
34	Impact to accum. depr. - Solar Monroe	(23,574)	(19,543)	(967)	(3,065)
35	Impact to accum. depr. - Solar Mocksville	(7,848)	(5,862)	(290)	(1,695)
36	Impact to accum. depr. - Solar Woodleaf	(1,816)	(1,413)	(74)	(329)
37	Total Accumulated Depreciation - Solar	\$ (47,174) [2]	\$ (30,553)	\$ (6,976)	\$ (9,646)

[1] Information provided by Duke Energy Carolinas Rates and Regulatory Filings as of year end 2021.

[2] Information provided by Duke Energy Carolinas Accounting

[3] Information provided by Duke Energy Carolinas Accounting. Activity is part of Account 0550001 - Other Power Gen-Op Rents Total.

[4] Information provided by Duke Energy Carolinas Accounting. Activity is part of Account 0403850 - Deferral of Depr. Exp.-Solar Total.

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<u>Line No.</u>			
1	<u>REPS/RECs Expenses</u>		
2	<u>Description</u>	<u>Account</u>	<u>REPS</u>
3	<u>Income Statement</u>		
4	RECS Consumption Expense	0509213	28,903 [1]
5			
6	Biogas Expense - REPS		(101) [2]
7			
8	REPS Rider NC Retail	407350	\$ 3,184 [1]
9	REPS Rider NC Whse	0407351	183 [1]
10	REPS Rider NC Retail-Cert	0407352	30,909 [1]
11	REPS Rider NC Whse-Cert	0407353	2,251 [1]
12	NC Amort of Retail REC Exp	0407450	(27,845) [1]
13	NC Amort of Whse REC Exp	0407451	(1,058) [1]
14			<u>7,624</u>
15	<u>Balance Sheet</u>		
16	RECs - DE Carolinas - NC	0158120	\$ 73,155 [1]
17	REPS Incremental Costs	0182359	1,616 [1]
18	Duke Generated REC Certificate	0182374	7,698 [1]
19	NC Solar Rebate Program Costs	0182560	16,939 [1]
20	Deferred Debt Return – Solar	0253905	(7,459) [1]
21	NC REC Liability - Retail	0254250	(61,118) [1]
22	NC REC Liability - Whse	0254251	(9,073) [1]
			<u>\$ 21,758</u>

[1] Trial balance

[2] COS - 547 FUEL EXP-BIOGAS-REPS-NCR

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EDIT Income Tax Amortization

<u>Line No.</u>		<u>Total System</u>	<u>Total NC Retail</u>
1	<u>Amortization:</u>		
2	0407501 - EDIT Rider Amort - NC Retail	(17,649) [1]	(17,649)
3	0407398 - EDIT Rider Amortization	(10,180) [1]	(10,180)
4	Total Acct 407 Amortization	(27,829)	(27,829)
5			
6	<u>EDIT Amortization (net of tax)</u>		
7	Federal EDIT Protected Base Rates	(24,092) [2]	(24,092)
8			
9	Federal EDIT Unprotected Rider	(132,299) [2]	(132,299)
10	State EDIT Rider	(48,078) [2]	(48,078)
11	Total Unprotected & State	(180,377)	(180,377)
12			
13	Total EDIT Tax Amortization Net of Tax	(204,469) [3]	(204,469)

[1] Trial Balance

[2] Detail provided by EY Tax support for DEC

[3] NET INCOME TAX-FED TAX RATE CHG-NCR + NET INCOME TAX-NC TAX RATE CHG-NCR

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NC2030-5 Deferred Rev
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Provision for Rate Refund

<u>Line</u> <u>No.</u>	<u>Description</u>	<u>Account</u>	<u>Total</u> <u>System</u>	<u>Total</u> <u>NC Retail</u>
1	Tax reform - Retail	0449111	48,331 [1]	35,307 [2]

[1] Trial Balance

[2] COS - 449.1 PROV FOR RATE REFUNDS-TAX REFORM-NCR

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NC2030-6 GSR
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2021 Green Source Rider Premium and Admin Expenses

Line No.	Description	Total System
1	Purchased Power (555)	\$ 157,162 [2]
2	Purchased Power (555)	65,379 [2]
3	Purchased Power (555)	792,012 [2]
4	Purchased power	<u>\$ 1,014,553 [1]</u>
5		
6		
7	0920000 - A and G Salaries	\$ 10,704
8	0921100 - Employee Expenses	23
9	0921200 - Office Expenses	-
10	0923000 - Outside Services Employed	1,874
11	0926600 - Employee Benefits - Transferred	2,443
12	Other operation and maintenance expense:	<u>\$ 15,043 [2]</u>
13		
14	0408960 - Allocated Payroll Taxes	<u>787</u>
15	General taxes	<u>\$ 787 [2]</u>
16		
17	Total	<u><u>\$ 1,030,384</u></u>

[1] COS - 555 PURCHASED POWER-GREEN SOURCE-NCR

[2] Information provided by Duke Energy Carolinas Accounting

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Adjust EDPR Rider

Line No.	Description	12 ME December		Total NC Retail
1	INTERRUPTIBLE SERVICE CREDITS	\$ 2,445,264		
2	STANDBY GENERATOR PAYMENTS	46,854		
3	WHOLESALE A/C LOAD CONTROL CREDITS	335,296		
4	WHOLESALE INTERRUPTIBLE SERVICE CREDITS	1,065,873		
5	WHOLESALE ENERGY PENALTY	-		
6	WHOLESALE ENERGY CREDITS	309		
7	TOTAL Expense in 0557000 - Other Expenses - Oper	\$ 3,893,597 [3]	66.9690% [1]	\$ 2,607,501
8				
9	<u>Amount included in base rates</u>	<u>kWh</u>		
10	2021 kWh Sales	58,068,422,042 [2]		
11	Experienced EDPR rate (NC Retail L7 / L10)			0.000045
12	EDPR Existing Base Rate			0.000063 [4]
13	Difference			(0.000018)
14				
15	Remove Deferred Dsm Costs - NC (Account 0456640)	\$ (657,296) [5]		\$ 657,296
16				
17	Total Adjustment to revenue			\$ 657,296

[1] All Production Demand Allocation Factor

[2] E1-42

[3] E-7, Sub 1214 DEC EDPR Rider filing 3/31/2022

[4] E-7, Sub 1214 Order Approving DEC EDPR Rider 6/28/2022

[5] Trial Balance

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NC2030-8 BPM
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Remove BPM Rider

Line No.	COS Line Description [1]	Total NC Retail
1	<u>Electric operating revenue</u>	
2	447 SALES FOR RESALE-ENERGY RELATED-NCR	6,342
3		
4	<u>Fuel used in electric generation:</u>	
5	501, 509, 547, 557 FUEL EXP-BPM&WO SHARING-NCR	2,532
6		
7	<u>Other operation and maintenance expense:</u>	
8	500-557 PROD EXP-BPM & WO SHARING-NCR	39
9	560-574 TRANSM EXP-BPM & WO SHARING-NCR	575
10	<u>920-931 A&G EXP-BPM&WO SHARING-NCR</u>	253
11	Total O&M	867
12		
13	<u>General taxes</u>	
14	408 GEN TAX-BPM&WO SHARING-NCR	8
15		
16	Total EBIT	2,936
17		
18	449.1 PROVISION FOR RATE REFUNDS-NCR	(914)

[1] COS Study

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NC2030-9 JRR
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Support for the Jobs Retention Rider (JRR)

<u>Line #</u>	<u>Amortization Expense</u>	<u>System</u>
1	0456392 - Jobs Retention Rider	9,547 [1]

[1] Trial Balance

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NC2030-10.1 CPRE
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CPRE Rider Expenses

Line No.				
1	Income Statement			
2		<u>Description</u>	<u>Total System</u>	<u>NC Retail Allocation</u> <u>Total NC Retail</u>
3	Purchased Power			
4	CPRE Purchased Power - demand		\$ (16) [1]	66.9690% [2] (10)
5	CPRE Purchased Power - sales		(54) [3]	67.2646% [4] (37)
6	Purchased Power total - 0555145		\$ (70) [5]	\$ (47)
7				
8	<u>Operation & Maintenance</u>			
9	500000		\$ 0 [10]	66.9690% [2] \$ 0
10	546000		1 [10]	66.9690% [2] \$ 0
11	548200		30 [10]	66.9690% [2] \$ 20
12	549000		448 [10]	66.9690% [2] \$ 300
13	551000		21 [10]	66.9690% [2] \$ 14
14	553000		33 [10]	66.9690% [2] \$ 22
15	554000		4 [10]	66.9690% [2] \$ 3
16	554220		51 [10]	66.9690% [2] \$ 34
17	926600		13 [10]	66.9690% [2] \$ 9
18	Total O&M December 2021		\$ 602	\$ 403
19				
20	<u>Depreciation and amortization</u>			
21	CPRE Rider - demand - 0407360		747 [11]	100.0000% [13] 747
22	CPRE Rider - sales - 0407360		2,625 [12]	100.0000% [13] 2,625
23	CPRE Production Plant Depreciation Expense - 0403600		5,806 [10]	66.9690% [2] 3,888
24	CPRE Distribution Depreciation Expense		44	99.6277% 44
25	CPRE Transmission Depreciation Expense		66	48.1470% 32
26			\$ 9,177 [5]	\$ 7,260
27				
28	<u>Property Tax</u>			
29	Gaston		\$ 202 [10]	67.4925% [14] \$ 137
30	Maiden Creek		452 [10]	67.4925% [14] 305
31	Distribution Related		19 [10]	67.4925% [14] 13
32	Transmission related		17 [10]	67.4925% [14] 12
33	Total Property Tax December 2021		\$ 690	\$ 466
34				
35	<u>Investment Tax Credit Amortization - 0411410</u>			
36	Gaston		\$ (347) [6]	Direct \$ (347)
37	Maiden Creek		(598) [7]	Direct (598)
38	Total ITC Amortization December 2021		\$ (945)	\$ (945)
39				
40	Tax Credit		\$ (2,173) [8]	65.7935% [9] (1,430)

- [1] COS - 555 PURCHASED POWER-CPRE-DEMAND
[2] NC Retail Allocation Factor - All - Production Demand - Jur
[3] COS - 555 PURCHASED POWER-CPRE-SALES
[4] NC Retail Allocation Factor - All - MWHs at Meter - Jur
[5] Trial Balance
[6] COS - 0411410-Input-Amort ITC-CPRE-Gaston-NCR
[7] COS - 0411410-Input-Amort ITC-CPRE-Maiden Creek-NCR
[8] From Tax
[9] NC Retail Allocation Factor - All - Pre Tax Income - Jur
[10] From Duke Energy Carolinas Accounting
[11] 407 REG DRS & CRS-AMORT OTHER-CPRE-DEMAND-D/A
[12] 407 REG DRS & CRS-AMORT OTHER-CPRE-DEMAND-D/A
[13] Direct assigned to NC Retail
[14] All - Gross Plant - Jur

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Docket No. E-7, SUB 1276
Adjust for Costs Recovered through Non Fuel Riders
For the Test Period Ending December 31, 2021
(Dollars in thousands)

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NC2030-10.2 CPRE
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Application

CPRE Rider Rate Base

Line No.	Description	Total System	NC Retail Allocation	Total NC Retail
1	<u>General Plant in Service</u>			
2	Gaston	\$ 38,771 [1]	66.9690% [2]	\$ 25,965
3	Maiden Creek	86,457 [1]	66.9690% [2]	57,900
4	Distribution Related	3,553	100.0000%	3,553
5	Transmission related	3,328	48.1470%	1,602
6	Total Gross Plant in Service December 2021 (L2 + L3)	\$ 132,110		\$ 89,020
7				
8	<u>Accumulated Depreciation: [3]</u>			
9	Gaston	\$ (1,916)	66.9690% [2]	\$ (1,283)
10	Maiden Creek	(3,890)	66.9690% [2]	(2,605)
11	Distribution Related	(44)	100.0000%	(44)
12	Transmission related	(72)	48.1470%	(35)
13	Total Accumulated Depreciation December 2021 (L7 + L8)	\$ (5,922)		\$ (3,967)
14				
15				
16	Remove CPRE Rider Demand - Asset - Retail (Account 0182528)	2 [4]	Direct	2
17	Remove CPRE Rider Sales - Asset - Retail (Account 0182528)	6 [5]	Direct	6
18				
19	Remove CPRE Rider Liability - Retail (Account 0254051)	\$ (3,888) [6]	Direct	(3,888)

[1] Asset Accounting

[2] Allocation Factor - All - Production Demand - Jur

[3] Calculated based on existing depreciation rates

[4] COS 182 ORA-CPRE-DEMAND-NCR

[5] COS 182 ORA-CPRE-SALES-NCR

[6] Trial Balance

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust O&M for executive compensation
For the Test Period Ending December 31, 2021

E1-10
NC2040 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro-forma adjusts operation and maintenance expense and income taxes for officers' compensation to eliminate a portion of the salary for the top 5 executives.

The impact to operation and maintenance expense is determined as follows:

Eliminate 50% of the compensation of the Chief Executive Officer (CEO), Chief Financial Officer (CFO), Chief Operating Officer (COO), Chief Legal Officer (CLO), and Duke Energy Carolinas Executive Vice President and Chief Executive Officer (CEO) allocated to Duke Energy Carolinas in the test period.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
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Adjust O&M for executive compensation
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2040 Summary
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Application

Line No	Impacted Income Statement Line Items	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC2040-1	(4,670)
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC2040-1	1,090
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (3,579)
17			
18	Operating income (L3-L16)		\$ 3,579
19	Rate Base	Source	Total NC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

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Adjust O&M for executive compensation
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NC2040-1 Calculation
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Line No.	Description	Top Five Executives
1		
2	Compensation charged to Duke Energy Carolinas for top 5 Executives - 12 Months Ended 12/31/21	\$ 15,156 [1]
3		
4	Catawba reimbursement allocation rate	11.956% [2]
5	Non-ownership percentage in Catawba plant	80.754% [2]
6	Costs reimbursed by Catawba Joint Owners (L2 x L4 x L5)	\$ 1,463
7		
8	Compensation net of Joint Owners' share (L2 - L6)	\$ 13,693
9	NC Retail Allocation Factor - All - Labor	68.2076% [3]
10	NC Retail compensation (L8 x L9)	\$ 9,340
11	Exclusion percentage	50.00% [4]
12	Impact to O&M (-L10 x L11)	\$ (4,670)
13		
14	Statutory tax rate	23.3503% [5]
15	Impact to income taxes (-L12 x L14)	\$ 1,090
16		
17	Impact to operating income (-L12 - L15)	\$ 3,579

[1] Information provided by Duke Energy Corporate Accounting

[2] NC-2050-3 - Analysis of Total Labor \$ - Catawba Project (Gross, Allocated \$), 12 Months Ended Dec 31, 2021, Lines 20 and 24

[3] Allocation Factor - All - Labor

[4] The percentage of compensation for the top five executive's compensation to be eliminated from the test year.

[5] NC1010-4 2022 Calculation of Tax Rates, Line 10

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Normalize O&M Labor Expenses
For the Test Period Ending December 31, 2021

E1-10
NC2050 Narrative
Application

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Jan 19 2023

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro-forma adjusts operation and maintenance expense, general taxes and income taxes to normalize operation and maintenance labor costs.

The impact to operation and maintenance expense is determined as follows:

1. The impact to Salaries and Wages was calculated by comparing the annual test period salaries and wages to the salaries and wages as of 7/1/2022 per Human Resources.
2. The percentage of electric operation and maintenance expense to apply to the salaries and wages adjustment is calculated as follows: total operation and maintenance labor per Form 1, Page 354 less reimbursement of Catawba Joint Owners is divided by total salaries and wages excluding other work in progress and allocation of clearing accounts per Form 1, Page 355. The adjustment calculated in Step 1 is multiplied by this percentage.
3. The impact related to fringe benefit costs is calculated by multiplying the salaries and wage adjustment calculated in Step 1 by the fringe benefits contribution rate. The fringe benefits contribution rate is calculated by dividing account 926 - employee pensions and benefits booked during the test period by total operation and maintenance labor per Form 1, Page 354.
4. The impact to operation and maintenance expense also reflects an adjustment to restate variable short and long term pay booked during the test period to target.

The impact to general taxes reflects the change in the FICA tax base. To adjust general taxes, the salaries and wages adjustment calculated in Step 1 is multiplied by the percentage of wages subject to OASDI by the OASDI tax rate for employers. Next, the adjustment due to Medicare tax is calculated by multiplying the salaries and wages adjustment calculated in Step 1 by the Medicare tax rate.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

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Normalize O&M Labor Expenses
For the Test Period Ending December 31, 2021

E1-10
NC2050 Summary
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Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC2050-1	\$ (6,710)
10	Depreciation and amortization		
11	General taxes	NC2050-1	\$ 665
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC2050-1	\$ 1,412
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (4,634)
17			
18	Operating income (L3-L16)		\$ 4,634
19	<u>Rate Base</u>	Source	Total NC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

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Normalize O&M Labor Expenses
For the Test Period Ending December 31, 2021
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NC2050-1 Calculation
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Application

Line No.	Description	Labor Per Books	As of 06/30/2022 HR Salaries	Pro Forma HR salaries
1				
2	<u>Salaries and Wages by Payroll Company</u>			
3	Duke Energy Carolinas - salaries and wages - charged to Duke Energy Carolinas	\$ 664,741 [1]	\$ 682,994 [2]	\$ 18,253
4	Service Company (DEBS) - salaries and wages - charged to Duke Energy Carolinas	193,129 [1]	196,993 [2]	3,864
5	Duke Energy Progress - salaries and wages - charged to Duke Energy Carolinas	32,987 [1]	34,287 [2]	1,299
6	Total salaries and wages (Sum L3 through L5)	\$ 890,858	\$ 914,274	\$ 23,417
7				
8	<u>Calculation of Electric O&M % to Apply to Salaries & Wages Adjustment</u>			
9	Total salaries and wages (Form 1, Page 355, Line 96, Col (d))	\$ 1,213,197 [3]		
10	Less: other work in progress (Form 1, Page 355, Lines 78,79,80 Col (b))	14,281 [3]		
11	Less: allocation of payroll charged for clearing accounts (Form 1, Page 355, Line 96, Col (c))	28,152 [3]		
12	Total salaries and wages - excl. other WIP & allocation of clearing accounts (L9 - L10 - L11)	\$ 1,170,764		
13				
14	Total operating and maintenance (Form 1, Page 354, Line 28, Col (b))	\$ 797,138 [3]		
15	Less: reimbursement of electric O&M by Catawba Joint Owners	114,735 [4]		
16	Net electric O&M salaries and wages (L14 - L15)	\$ 682,403		
17				
18	Percent of incurred costs charged to electric expense (L16 / L12)	58.29%		58.29%
19	Net electric O&M salaries and wages to adjust (L6 x L18)			\$ 13,650
20				
21	<u>Adjustment to General Taxes - FICA</u>			
22	Net electric O&M salaries and wages to adjust (L19)			\$ 13,650
23	Percentage of wages subject to OASDI			91.78% [5]
24	Electric wage adjustment subject to OASDI tax (L22 x L23)			\$ 12,528
25	OASDI tax rate (employers)			6.20% [6]
26	Adjustment due to wage adjustment (before Medicare rate) (L24 x L25)			\$ 777
27				
28	Net electric O&M salaries and wages to adjust (L19)			\$ 13,650
29	Medicare tax rate			1.45% [6]
30	Adjustment due to Medicare tax (L28 x L29)			\$ 198
31				
32	Impact to general taxes (L26 + L30)			\$ 975
33				
34	<u>Calculation of Fringe Benefits Contribution Rate</u>			
35	Account 926 - employee pensions and benefits - 12 Months Ended December 31, 2021	\$ 79,801 [7]		
36	Total operating and maintenance (Form 1, Page 354, Line 28, Col (b)) (L14)	797,138		
37	Fringe benefits contribution rate (L35 / L36)	10.01%		

[1] NC2050-2 Actuals - Salaries and Wages by Payroll Company for Duke Energy Carolinas - 12 Months Ended Dec. 31, 2021
[2] NC2050-4 Annualized Annual Salary Information by Payroll Company for Duke Energy Carolinas at June 30, 2022
[3] NC2050-6 FERC - Distribution of Salaries and Wages, 12 Months Ended December 31, 2021 (Form 1, Page 354-355)
[4] NC2050-3 Joint Owner - Analysis of Total Labor \$ - Catawba Project (Gross, Allocated \$) - 12 Months Ended Dec 31, 2021, Line 10
[5] NC2050-7 Tax- Quarterly Federal Tax Summary Report
[6] NC2050-8 OASDI - OASDI and SSI Program Rates & Limits - 2022
[7] NC2050-9 Pensions and Benefits- Duke Energy Carolinas - (926) Employee Pensions and Benefits (excludes direct assigned NC Employee Benefits)- 12 Months Ended December 31, 2021

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Normalize O&M Labor Expenses
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NC2050-1 Calculation
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Line No.	Description	Total Carolinas	NC Retail Allocation	Total NC Retail
38				
39	<u>Calculation of O&M (Including Fringe Benefits & Variable Pay) and Income Tax</u>			
40	Net electric O&M salaries and wages to adjust (L19)	\$ 13,650		
41	Fringe benefits contribution rate (L37)	10.01%		
42	Fringe benefits adjustment (L40 x L41)	\$ 1,366		
43				
44	Adjustment to restate variable short and long term pay at target	\$ (24,854) [8]		
45				
46	Impact to O&M (L40 + L42 + L44)	\$ (9,838)	68.2076% [9]	\$ (6,710)
47				
48	Impact to general taxes (L32)	\$ 975	68.2076% [9]	\$ 665
49				
50	Taxable income (-L46 - L48)	\$ 8,863		\$ 6,046
51	Statutory tax rate	23.3503% [10]		23.3503% [10]
52	Impact to income taxes (L50 x L51)	\$ 2,070		\$ 1,412
53				
54	Impact to operating income (L50 - L52)	\$ 6,794		\$ 4,634

[8] NC2050-10 - Variable Short and Long Term Pay for Duke Energy Carolinas - 12 Months Ended December 31, 2021

[9] NC Retail Allocation Factor - All - Labor - Jur

[10] NC1010-4 2022 Calculation of Tax Rates, Line 10

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NC2050-2 Actuals
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Application

Salaries and Wages by Payroll Company for Duke Energy Carolinas - 12 Months Ended December 31, 2021 [1]

Line No.	Payroll Company	Resource Category	Total	Percentage
1				
2	Duke Energy Carolinas (Payroll Company 100)	Direct Labor	\$ 551,807,093	83.0108%
3	Duke Energy Carolinas (Payroll Company 100)	Allocated Labor	112,934,091	16.9892%
4	Subtotal		\$ 664,741,184	100.0000%
5				
6	Service Company (Payroll Co. 110) - charged to DE Carolinas	Direct Labor	\$ 165,991,824	85.9486%
7	Service Company (Payroll Co. 110) - charged to DE Carolinas	Allocated Labor	27,137,444	14.0514%
8	Subtotal		\$ 193,129,267	100.0000%
9				
10	Duke Energy Progress (Payroll Co. 801) - charged to DE Carolinas	Direct Labor	\$ 26,253,444	79.5865%
11	Duke Energy Progress (Payroll Co. 801) - charged to DE Carolinas	Allocated Labor	6,733,849	20.4135%
12	Subtotal		\$ 32,987,293	100.0000%
13				
14	Total		<u>\$ 890,857,745</u>	

Note: Totals may not foot due to rounding

[1] Duke Energy Carolinas General Accounting and Reporting

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For the Test Period Ending December 31, 2021
(Amounts In Dollars)

E1-10
NC2050-3 Joint Owner
Page 1 of 1
Application

Analysis of Total Labor \$ - Catawba Project (Gross, Allocated \$) - 12 Months Ended December 31, 2021

Line No.	Description	Gross YTD Total	Catawba Reimbursement
1	O&M	\$ 122,892,372 [1]	\$ 99,240,506
2	A&G allocation	18,732,087 [1]	15,126,910
3	Capital retirements	811,225 [1]	655,097
4	Capital additions	13,583,248 [1]	10,969,016
5	Accounting & billing, operating	348,030 [1]	290,025
6	Accounting & billing, interconnect	186,447 [1]	77,686
7	Total (Sum L1 through L6)	<u>\$ 156,553,409</u>	<u>\$ 126,359,239</u>
8			
9	Less: capital retirements and additions (L3 + L4)		\$ 11,624,113
10	Total (excluding capital retirements and additions) (L7 - L9)		\$ 114,735,127
11			
12	<u>Calculation of Catawba Allocation Rate</u>		
13			
14	Total Catawba O&M labor expense (L1)	\$ 122,892,372	
15			
16	Duke Energy Carolinas total salaries & wages	\$ 1,213,196,944 [2]	
17	Less: A&G salaries and wages	<u>185,322,538 [3]</u>	
18	Total salaries and wages excluding A&G (L16 - L17)	<u>\$ 1,027,874,406</u>	
19			
20	Catawba reimbursement allocation rate (L14 / L18)	<u>11.956%</u>	
21			
22	NOTES:		
23	(a) Includes manual journals		
24	(b) Labor is reimbursed at 80.754% with these exceptions:		
25	- accounting & billing, operating \$ are reimbursed at 83.3333% and interconnect \$ are reimbursed at 50% of the 83.3333%		

[1] Provided by Duke Energy Catawba Joint Owner Accounting

[2] NC2050-6 - Distr. of Salaries and Wages, 12 Months Ended Dec 31, 2021 (Form 1, Page 354-355), Page 2, Line 96, Col (d)

[3] NC2050-6 - Distr. of Salaries and Wages, 12 Months Ended Dec 31, 2021 (Form 1, Page 354-355), Page 1, Line 27, Col (b)

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NC2050-4 Annualized
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Annual Salary Information by Payroll Company for Duke Energy Carolinas at June 30, 2022

<u>Line</u> <u>No.</u>	<u>Payroll Company</u>	<u>Grand Total</u>
1		
2	Duke Energy Carolinas (Payroll Company 100)	\$ 832,692,748 [2]
3	Duke Energy Carolinas % of labor charged to Duke Energy Carolinas	82.0224% [1]
4	Duke Energy Carolinas labor charged to Duke Energy Carolinas (L2 x L3)	\$ 682,994,374
5		
6	Service Company (Payroll Company 110)	\$ 812,371,642 [2]
7	Service Company % of labor charged to Duke Energy Carolinas	24.2492% [1]
8	Service Company labor charged to Duke Energy Carolinas (L6 x L7)	\$ 196,993,257
9		
10	Duke Energy Progress (Payroll Company 801)	\$ 442,874,111 [2]
11	Duke Energy Progress % of labor charged to Duke Energy Carolinas	7.7419% [1]
12	Duke Energy Progress labor charged to Duke Energy Carolinas (L10 x L11)	\$ 34,286,760
13		
14	Total - sum of annual salaries (L4 + L8 + L12)	\$ 914,274,390

[1] NC2050-5 - Labor Allocations by Business Unit Group - 12 Months Ended June 30, 2022

[2] Information provided by Duke Energy Human Resources Operations

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NC2050-5 Labor Alloc
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Labor Allocations by Business Unit Group - 12 Months Ended June 30, 2022 [1]

Base Labor Resource Types Included: 11000, 11002, 18000, 18001, 18005

Line No.	Resp Center Level 2 Node Name LVL	BU Group	Monetary Amount JD	Percentage
1				
2	100_DUKE_POWER_CONSO	1. DE Carolinas	\$ 673,652,460	82.0224%
3	100_DUKE_POWER_CONSO	2. DE Progress	88,674,429	10.7968%
4	100_DUKE_POWER_CONSO	3. DEBS	944,160	0.1150%
5	100_DUKE_POWER_CONSO	4. Other	58,032,229	7.0659%
6	100_DUKE_POWER_CONSO		<u>\$ 821,303,279</u>	<u>100.0000%</u>
7				
8	110_SERVICE_COMPANY	1. DE Carolinas	\$ 191,315,986	24.2492%
9	110_SERVICE_COMPANY	2. DE Progress	128,340,276	16.2670%
10	110_SERVICE_COMPANY	3. DEBS	50,807,385	6.4398%
11	110_SERVICE_COMPANY	4. Other	418,495,752	53.0440%
12	110_SERVICE_COMPANY		<u>\$ 788,959,398</u>	<u>100.0000%</u>
13				
14	801_DE_PROGRESS	1. DE Carolinas	\$ 34,501,816	7.7419%
15	801_DE_PROGRESS	2. DE Progress	402,671,385	90.3556%
16	801_DE_PROGRESS	3. DEBS	92,580	0.0208%
17	801_DE_PROGRESS	4. Other	8,386,166	1.8818%
18	801_DE_PROGRESS		<u>\$ 445,651,947</u>	<u>100.0000%</u>
19				
20	Total		<u>\$ 2,055,914,625</u>	

[1] Provided by Duke Energy Corporate Accounting

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NC2050-6 FERC
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Application

Name of Respondent Duke Energy Carolinas, Inc.		December 31, 2021		
DISTRIBUTION OF SALARIES AND WAGES				
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged for Clearing Accounts (c)	Total (d)
1	Electric			
2	Operation			
3	Production	301,601,624		
4	Transmission	13,543,176		
5	Regional Market			
6	Distribution	28,578,148		
7	Customer Accounts	33,405,954		
8	Customer Service and Informational	8,291,396		
9	Sales	10,207,809		
10	Administrative and General	185,010,841		
11	TOTAL Operation (Enter Total of lines 3 thru 10)	580,638,948		
12	Maintenance			
13	Production	178,661,120		
14	Transmission	8,206,497		
15	Regional Market			
16	Distribution	29,320,074		
17	Administrative and General	311,697		
18	TOTAL Maintenance (Total of lines 13 thru 17)	216,499,388		
19	Total Operation and Maintenance			
20	Production (Enter Total of lines 3 and 13)	480,262,744		
21	Transmission (Enter Total of lines 4 and 14)	21,749,673		
22	Regional Market (Enter Total of Lines 5 and 15)			
23	Distribution (Enter Total of lines 6 and 16)	57,898,222		
24	Customer Accounts (Transcribe from line 7)	33,405,954		
25	Customer Service and Informational (Transcribe from line 8)	8,291,396		
26	Sales (Transcribe from line 9)	10,207,809		
27	Administrative and General (Enter Total of lines 10 and 17)	185,322,538		
28	TOTAL Oper. and Maint. (Total of lines 20 thru 27)	797,138,336	2,296,308	799,434,645
29	Gas			
30	Operation			
31	Production - Manufactured Gas			
32	Production-Nat. Gas (Including Expl. And Dev.)			
33	Other Gas Supply			
34	Storage, LNG Terminaling and Processing			
35	Transmission			
36	Distribution			
37	Customer Accounts			
38	Customer Service and Informational			
39	Sales			
40	Administrative and General			
41	TOTAL Operation (Enter Total of lines 31 thru 40)	None		
42	Maintenance			
43	Production - Manufactured Gas			
44	Production-Natural Gas (Including Exploration and Development)			
45	Other Gas Supply			
46	Storage, LNG Terminaling and Processing			
47	Transmission			
48	Distribution			
49	Administrative and General			
50	TOTAL Maint. (Enter Total of lines 43 thru 49)	None		
51	Total Operation and Maintenance			
52	Production-Manufactured Gas (Enter Total of lines 31 and 43)			
53	Production-Natural Gas (Including Expl. and Dev.) (Total lines 32, 44)			
54	Other Gas Supply (Enter Total of lines 33 and 45)			
55	Storage, LNG Terminaling and Processing (Total of lines 31 thru 46)			
56	Transmission (Lines 35 and 47)			
57	Distribution (Lines 36 and 48)			
58	Customer Accounts (Line 37)			
59	Customer Service and Informational (Line 38)			
60	Sales (Line 39)			
61	Administrative and General (Lines 40 and 49)			
62	TOTAL Operation and Maint. (Total of lines 52 thru 61)	None		

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63	Other Utility Departments			
64	Operation and Maintenance	0		0
65	TOTAL All Utility Dept. (Total of lines 28, 62, and 64)	797,138,336	2,296,308	799,434,644
66	Utility Plant			
67	Construction (By Utility Departments)			
68	Electric Plant	336,853,549	25,855,432	362,708,981
69	Gas Plant			
70	Other (provide details in footnote):	-		
71	TOTAL Construction (Total of lines 68 thru 70)	336,853,549	25,855,432	362,708,981
72	Plant Removal (By Utility Departments)			
73	Electric Plant	36,772,322		36,772,322
74	Gas Plant			
75	Other (provide details in footnote):	-		
76	TOTAL Plant Removal (Total of lines 73 thru 75)	36,772,322		36,772,322
77	Other Accounts (Specify, provide details in footnote):			
78	Non-Regulated Products & Services	4,659,330		4,659,330
79	Other Work in Progress	4,595,928		4,595,928
80	Other Accounts	5,025,739		5,025,739
81				
82				
83				
84				
85				
86				
87				
88				
89				
90				
91				
92				
93				
94				
95	TOTAL Other Accounts	14,280,997		14,280,997
96	TOTAL SALARIES AND WAGES	1,185,045,204	28,151,740	1,213,196,944
97				

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Quarterly Federal Tax Summary Report (Report ID: TAX010FD) - Summary

Line No.	Description	(a)	(b)	(c)	12 Months Ended Dec 31, 2021 (d)
1					
2	<u>Duke Energy Carolinas</u>				
3	FICA/OASDI [D, E] YTD, Column 'YTD Subject Wages'				959,273,666 [1]
4	FICA/OASDI [D, E] YTD, Column 'YTD Taxable Wages'				888,496,160 [1]
5	Percentage Total (L4 / L3)				92.6218%
6					
7	<u>Duke Energy Business Services</u>				
8	FICA/OASDI [D, E] YTD, Column 'YTD Subject Wages'				895,764,934 [2]
9	FICA/OASDI [D, E] YTD, Column 'YTD Taxable Wages'				791,335,521 [2]
10	Percentage Total (L9 / L8)				88.3419%
11					
12	<u>Duke Energy Progress</u>				
13	FICA/OASDI [D, E] YTD, Column 'YTD Subject Wages'				519,847,935 [3]
14	FICA/OASDI [D, E] YTD, Column 'YTD Taxable Wages'				493,258,348 [3]
15	Percentage Total (L14 / L13)				94.8851%
16					
17	<u>Calculation of Percentage of Wages Subject to OASDI</u>				
18	<u>For 12 Months Ended December 31, 2021</u>				
19	Duke Energy Carolinas	664,741,184 [4]	74.62% [5]	92.62% [8]	69.1126% [11]
20	Duke Energy Business Services	193,129,267 [4]	21.68% [6]	88.34% [9]	19.1517% [11]
21	Duke Energy Progress	32,987,293 [4]	3.70% [7]	94.89% [10]	3.5135% [11]
22	Total (Sum L19 through L21)	890,857,745	100.00%		91.7800%

- [1] NC2050-7, Page 2 of 2, Quarterly Federal Tax Summary Report - 4th Quarter 2021 Company: 100
[2] NC2050-7, Page 2 of 2, Quarterly Federal Tax Summary Report - 4th Quarter 2021, Company: 110
[3] NC2050-7, Page 3 of 2, Quarterly Federal Tax Summary Report - 4th Quarter 2021, Company: 801
[4] NC2050-2 -Actuals Salaries and Wages by Payroll Company for Duke Energy Carolinas - 12 Months Ended Dec 31, 2021
[5] Column (a), Line 19 divided by Line 22
[6] Column (a), Line 20 divided by Line 22
[7] Column (a), Line 21 divided by Line 22
[8] Column (d), Line 5
[9] Column (d), Line 10
[10] Column (d), Line 15
[11] Column (b) multiplied by Column (c)

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Quarterly Federal Tax Summary Report (Report ID: TAX010FD) - Summary

Tax Filing Quarterly Data by Company

Calendar 2021-Q4

Included Yes

Combine Resident with Work State Withholding

Include In Progress Results Only

Combine In Progress Results with Completed Results

Data for Quarters

Company	Quarter	Tax Authority	Tax	Tax Filing Code	SUI Rate	YTD Tax Withheld	YTD Taxable Wages	YTD Subject Wages
100 Duke Energy Carolinas, LLC	2021-Q4	Federal	OASDI (ER)	W_OASERFE DERAL		55,086,761.99	888,496,159.86	961,998,416.52
100 Duke Energy Carolinas, LLC	2021-Q4	Federal	OASDI	W_OASFEDE RAL		55,086,761.97	888,496,159.86	959,273,665.66

Data for Quarters

Company	Quarter	Tax Authority	Tax	Tax Filing Code	SUI Rate	YTD Tax Withheld	YTD Taxable Wages	YTD Subject Wages
110 Duke Energy Business Services, LLC	2021-Q4	Federal	OASDI (ER)	W_OASERFE DERAL		49,062,802.33	791,335,521.36	924,081,761.60
110 Duke Energy Business Services, LLC	2021-Q4	Federal	OASDI	W_OASFEDE RAL		49,062,802.31	791,335,521.36	895,764,933.60

Data for Quarters

Company	Quarter	Tax Authority	Tax	Tax Filing Code	SUI Rate	YTD Tax Withheld	YTD Taxable Wages	YTD Subject Wages
801 Duke Energy Progress, LLC	2021-Q4	Federal	OASDI (ER)	W_OASERFE DERAL		30,582,017.62	493,258,348.02	520,444,794.21
801 Duke Energy Progress, LLC	2021-Q4	Federal	OASDI	W_OASFEDE RAL		30,582,017.62	493,258,348.02	519,847,935.26

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Fact Sheet

SOCIAL SECURITY

2022 SOCIAL SECURITY CHANGES

Cost-of-Living Adjustment (COLA):

Based on the increase in the Consumer Price Index (CPI-W) from the third quarter of 2020 through the third quarter of 2021, Social Security and Supplemental Security Income (SSI) beneficiaries will receive a 5.9 percent COLA for 2022. Other important 2022 Social Security information is as follows:

Tax Rate	2021	2022
Employee	7.65%	7.65%
Self-Employed	15.30%	15.30%

NOTE: The 7.65% tax rate is the combined rate for Social Security and Medicare. The Social Security portion (OASDI) is 6.20% on earnings up to the applicable taxable maximum amount (see below). The Medicare portion (HI) is 1.45% on all earnings. Also, as of January 2013, individuals with earned income of more than \$200,000 (\$250,000 for married couples filing jointly) pay an additional 0.9 percent in Medicare taxes. The tax rates shown above do not include the 0.9 percent.

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NC2050-9 Pensions and Benefits
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Duke Energy Carolinas - (926) Employee Pensions and Benefits - 12 Months Ended December 31, 2021

Line		
<u>No.</u>	<u>Account & Description</u>	<u>Total</u>
1		
2	0926000 - Employee Pensions and Benefits	\$ 255,221,719 [1]
3	0926003 - NC Employee Benefits	\$ (542,363) [1],[2]
4	0926420 - Employees' Tuition Refund	871 [1]
5	0926430 - Employees' Recreation Expense	43,866 [1]
6	0926600 - Employee Benefits - Transferred	(94,933,331) [1]
7	0926999 - Non Service Cost (ASU 2017-07)	(79,990,109) [1]
8	Total	<u>\$ 79,800,653</u>

[1] E-1 Item 2, Trial Balance

[2] Amount represents pension and benefits costs that are directed assigned to NC. Amount is excluded from the calculation of the fringe benefit contribution rate on NC2050-1.

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Variable Short and Long Term Pay for Duke Energy Carolinas - 12 Months Ended Dec 31, 2021

Line No.	Description	Total Carolinas
1		
2	Level of variable short term pay - test year	\$ 132,598 [1]
3	Level of variable long term pay - test year	29,272 [2]
4	Total (L2 + L3)	\$ 161,870
5		
6	Catawba reimbursement allocation rate	11.956% [4]
7	Non-ownership percentage in Catawba plant	80.7540% [4]
8		
9	Costs reimbursed by Catawba Joint Owners (L4 x L6 x L7)	15,628
10	Remaining variable short and long term pay (L4 - L9)	\$ 146,242
11		
12		
13	2022 target level of variable short term pay	\$ 101,392 [3]
14	2022 target level of variable long term pay	32,968 [2]
15	Total (L13 + L14)	\$ 134,360
16		
17	Catawba reimbursement allocation rate (L6)	11.9560%
18	Non-ownership percentage in Catawba plant (L7)	80.754%
19		
20	Estimated costs reimbursed by Catawba Joint Owners (L15 x L17 x L18)	12,972
21	Remaining variable short and long term pay (L15 - L20)	\$ 121,388
22		
23	Adjustment to restate variable short and long term pay at target (L21 - L10)	\$ (24,854)

[1] NC2050-10a STI actual - Level of Variable Short Term Pay for Duke Energy Carolinas - 12 Months Ended December 31, 2021, Line 39, Col. (c)

[2] NC2050-10c LTI - Variable Long Term Pay for Duke Energy Carolinas, Lines 6 and 13, Col. (a)

[3] NC2050-10b STI target - 2022 Target Level of Variable Short Term Pay for Duke Energy Carolinas, Line 39, Col. (c)

[4] NC2050-3 Joint Owner - Analysis of Total Labor \$ - Catawba Project (Gross, Allocated \$), 12 Months Ended December 31, 2021, Lines 20 and 24

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NC2050-10a STI Actual
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Level of Variable Short Term Pay for Duke Energy Carolinas - 12 Months Ended December 31, 2021 [1]

Line No.	Description	Asset	Indirect	Liability	Other Balance Sheet (a)	Capital (b)	O&M (c)	Total (d)
1								
2	<u>Direct Charge:</u>							
3	Duke Energy Commercial Enterprises	\$ 0	\$ -	\$ -	\$ 0	\$ 361	\$ 642	\$ 1,003
4	Duke Energy Business Services	\$2,513,395	\$1,144,082	\$60,351	3,717,827	\$4,385,607	\$16,269,388	24,372,823
5	Duke Energy Carolinas	\$403,601	\$6,559,406	\$193,584	7,156,591	\$35,127,941	\$99,113,469	141,398,001
6	Duke Energy Indiana	\$5	\$5	\$0	9	\$447	\$39,154	39,611
7	Duke Energy Kentucky	\$0	\$0	\$0	-	\$498	\$6	504
8	Duke Energy Ohio	\$33	\$0	\$0	33	\$1,207	\$337	1,577
9	Piedmont Natural Gas	29	-	-	29	\$1,898	27,620	29,547
10	Duke Energy Progress	\$3,362	\$109,419	\$2,049	114,830	\$1,376,799	\$2,218,109	3,709,738
11	Duke Energy Florida	\$139	(\$4,063)	\$3,529	(395)	\$83,224	\$230,586	313,415
12	Direct Charge Total (Sum L3 through L11)	\$ 2,920,564	\$ 7,808,848	\$ 259,512	\$ 10,988,925	\$ 40,977,982	\$ 117,899,312	\$ 169,866,219
13								
14	% split between capital and O&M for direct charges					25.7922%	74.2078%	100.0000%
15								
16	<u>Service Company Allocation:</u>							
17	Duke Energy Commercial Enterprises	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2	\$ 2
18	Duke Energy Business Services	-	-	-	-	\$291,669	\$12,115,272	12,406,941
19	Duke Energy Carolinas	(48,359)	-	-	(48,359)	\$24,209	(\$5,878,779)	(5,902,929)
20	Duke Energy Indiana	-	-	-	-	\$18	(\$10,949)	(10,931)
21	Duke Energy Kentucky	-	-	-	-	-	-	-
22	Duke Energy Ohio	-	-	-	-	\$0	\$39	39
23	Piedmont Natural Gas	-	-	-	-	\$0	(\$6,571)	(6,571)
24	Duke Energy Progress	102,325	-	-	102,325	\$2,795	\$419,593	524,714
25	Duke Energy Florida	-	-	-	-	\$327	(\$43,437)	(43,110)
26	Service Company Allocation Total (Sum L17 through L25)	\$ 53,967	\$ -	\$ -	\$ 53,967	\$ 319,018	\$ 6,595,170	\$ 6,968,154
27								
28	Percentage split between capital and O&M for allocated					4.6140%	95.3860%	100.0000%
29								
30	Total (L12 + L26)	\$ 2,974,531	\$ 7,808,848	\$ 259,512	\$ 11,042,891	\$ 41,297,000	\$ 124,494,482	\$ 176,834,374
31								
32	Percentage split between capital and O&M for total					24.9090%	75.0910%	100.0000%
33								
34	<u>Summary:</u>							
35	Direct (L12)				\$ 10,988,925	\$ 40,977,982	\$ 117,899,312	\$ 169,866,219
36	Re-assignment of direct 'other' (-L36, Col. (a) x L14)				(10,988,925)	2,834,285	8,154,639	-
37	Allocated (L26)				53,967	319,018	6,595,170	6,968,154
38	Re-assignment of allocated "other"				(53,967)	(2,490)	(51,477)	-
39	Total (Sum L35 through L38)				\$ -	\$ 44,128,796	\$ 132,597,645	\$ 176,834,374

[1] Provided by Duke Energy Corporate Accounting

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NC2050-10b STI Target
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2022 Target Level of Variable Short Term Pay for Duke Energy Carolinas [1]

Line No.	Description	Asset	Indirect	Liability	Other Balance Sheet (a)	Capital (b)	O&M (c)	Total (d)
1								
2	<u>Direct Charge:</u>							
3	Duke Energy Commercial Enterprises	\$ -	\$ -	\$ -	\$ -	\$ 770	\$ -	\$ 770
4	Duke Energy Business Services	2,824,332	1,418,901	33,744	\$ 4,276,978	4,438,367	31,225,013	39,940,358
5	Duke Energy Carolinas	132,384	6,823,103	181,585	\$ 7,137,072	19,453,827	58,376,078	84,966,976
6	Duke Energy Indiana	-	-	-	\$ -	4,122	27,353	31,474
7	Duke Energy Kentucky	-	-	-	\$ -	-	-	-
8	Duke Energy Ohio	13	-	-	\$ 13	-	438	451
9	Piedmont Natural Gas	-	-	-	\$ -	-	2,641	2,641
10	Duke Energy Progress	195,224	83,936	-	\$ 279,160	677,347	2,362,595	3,319,102
11	Duke Energy Florida	302	268	2,663	\$ 3,233	32,756	166,256	202,245
12	Direct Charge Total (Sum L3 through L11)	\$ 3,152,256	\$ 8,326,208	\$ 217,992	\$ 11,696,456	\$ 24,607,188	\$ 92,160,373	\$ 128,464,017
13								
14	Percentage split between capital and O&M for direct charges					21.0737%	78.9263%	100.0000%
15								
16	<u>Service Company Allocation:</u>							
17	Duke Energy Commercial Enterprises	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Duke Energy Business Services	-	-	-	-	-	-	-
19	Duke Energy Carolinas	-	-	-	-	-	-	-
20	Duke Energy Indiana	-	-	-	-	-	-	-
21	Duke Energy Kentucky	-	-	-	-	-	-	-
22	Duke Energy Ohio	-	-	-	-	-	-	-
23	Piedmont Natural Gas	-	-	-	-	-	-	-
24	Duke Energy Progress	-	-	-	-	-	-	-
25	Duke Energy Florida	-	-	-	-	-	-	-
26	Service Company Allocation Total (Sum L17 through L25)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ - [2]
27								
28	Percentage split between capital and O&M for allocated							0.0000%
29								
30	Total (L12 + L26)	\$ 3,152,256	\$ 8,326,208	\$ 217,992	\$ 11,696,456	\$ 24,607,188	\$ 92,160,373	\$ 128,464,017
31								
32	Percentage split between capital and O&M for total					21.0737%	78.9263%	100.0000%
33								
34	<u>Summary:</u>							
35	Direct (L12)				\$ 11,696,456	\$ 24,607,188	\$ 92,160,373	\$ 128,464,017
36	Re-assignment of direct 'other' (-L35, Col. (a) x L14)				(11,696,456)	2,464,876	9,231,580	-
37	Allocated (L26)				-	-	-	-
38	Re-assignment of allocated "other"				-	-	-	-
39	Total (Sum L35 through L38)				\$ -	\$ 27,072,064	\$ 101,391,953	\$ 128,464,017

[1] Provided by Duke Energy Corporate Accounting

[2] Service company allocation portion not available in budget view. Amount is embedded in direct charge section.

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Variable Long Term Pay for Duke Energy Carolinas [1]

Line No.	Description	Total (a)	Performance Awards (b)	Restricted Stock Units (c)
1				
2	<u>Stock-Based Compensation - Actuals - 12 Months Ended December 31, 2021</u>			
3				
4	Grand total - gross	\$ 31,388,548	\$14,500,908	\$16,887,639
5	Less: capital	2,116,471	108,100	2,008,371
6	Stock-based compensation, net EBIT	\$ 29,272,076	\$ 14,392,808	\$ 14,879,268
7				
8				
9	<u>Ongoing Stock-Based Compensation</u>			
10				
11	Grand total - gross	\$ 34,766,915	\$12,221,522	\$22,545,393
12	Less: capital	1,799,000	61,277	1,737,723
13	Stock-based compensation, net EBIT	\$ 32,967,915	\$ 12,160,245	\$ 20,807,670

[1] Provided by Duke Energy Corporate Accounting

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Update Benefit Costs
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E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This proforma adjusts operation and maintenance expense and income taxes for changes in benefits costs.

The impact to operation and maintenance expense reflects the annual level of pension, OPEB, Active Medical, FAS112 and non-qualified pension benefits based on a report from the Company's third party consultant less actual amounts in the test period for these expenses.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

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Line No	<u>Impacted Income Statement Line Items</u>	<u>Source</u>	<u>Total NC Retail Application</u>
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC2060-1	\$ (641)
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC2060-1	\$ 150
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (492)
17			
18	Operating income (L3-L16)		\$ 492
19	<u>Rate Base</u>	<u>Source</u>	<u>Total NC Retail Application</u>
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

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Line No.	Benefits by Category	12 Months Ended December 2021		2022 Projection	Adjustment	NC Retail Allocation	Total NC Retail
		Total					
	<u>Benefits provided to Duke Energy Carolinas or charged to Duke Energy Carolinas:</u>						
1	Qualified Pension	\$ (17,422) [1]	\$ (34,688) [1]				
2	OPEB and Active Medical	76,113 [2]	85,433 [2]				
3	FAS 112	4,666 [3]	8,500 [3]				
4	Non-Qualified Pension	566 [4]	538 [4]				
5	Total (Sum L2 through L5)	\$ 63,924	\$ 59,782				
6							
7	<u>Benefits provided to Duke Energy Business Services(DEBS) allocated to Duke Energy Carolinas:</u>						
8	Qualified Pension	\$ 1,059 [1]	\$ (662) [1]				
9	OPEB and Active Medical	26,110 [2]	28,438 [2]				
10	FAS 112	626 [3]	1,662 [3]				
11	Non-Qualified Pension	2,588 [4]	2,446 [4]				
12	Total (Sum L9 through L12)	\$ 30,383	\$ 31,883				
13							
14	<u>Benefits provided to Duke Energy Progress allocated to Duke Energy Carolinas:</u>						
15	Qualified Pension	\$ 2,160 [1]	\$ 2,080 [1]				
16	OPEB and Active Medical	3,604 [2]	4,714 [2]				
17	FAS 112	166 [3]	287 [3]				
18	Total (Sum L16 through L18)	\$ 5,931	\$ 7,081				
19							
20	Percent of incurred costs charged to electric expense for All - Except Non-Qualified	58.29% [5]	58.29% [5]				
21	Percent of incurred costs charged to electric expense for Non-Qualified	100.00%	100.00% [6]				
22							
23	Total Pension, OPEB and FAS112 to expense ((Sum L1:L3 + Sum L8:L10 + Sum L15:L17) x L	\$ 56,590	\$ 55,820	\$ (770)			
24	Total Non-Qualified to expense (L4 + L11) x L21	3,154	2,984	(171)			
25	Impact to O&M (L24 + L25)	\$ 59,744	\$ 58,804	\$ (940)	68.2076% [7]		\$ (641)
26							
27	Statutory tax rate			23.3503% [8]			23.3503% [8]
28	Impact to income taxes (-L26 x L28)			\$ 220			\$ 150
29							
30	Impact to operating income (-L26 - L29)			\$ 721			\$ 492

- [1] NC2060-2 - Summary of Qualified Pension Expenses, Lines 5, 9, 27, and 16.
[2] NC2060-3 - Summary of Adjusted OPEB and Active Medical Expenses, Lines 5, 9, 30, 19, 23, 40, 39, 14, and 35
[3] NC2060-4 - Summary of FAS112 Expenses, Lines 5, 15 and 10
[4] NC2060-5 - Summary of Non-Qualified Pension Expenses, Line and Line 8
[5] NC2050-1 - Calculation, Line 18
[6] Source: Duke Energy Corporate Accounting
[7] Allocation Factor - All - Labor - Jur
[8] NC1010-4 2022 Calculation of Tax Rates, Line 10

Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Update Benefit Costs
For the Test Period Ending December 31, 2021
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E1-10
NC2060-2 Pension
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Application

Summary of Pension Expenses [1]

Line No.	Description	12 Months Ended December 2021	2022 Projection
		Total	
1			
2	<u>Duke Energy Carolinas (DEC):</u>		
3	Qualified Pension - service costs	\$ 55,893,847	\$ 51,085,992
4	Labor percentage charged to DEC from DEC	82.33% [2]	82.02% [3]
5	Amount charged to Duke Energy Carolinas from DEC	\$ 46,014,764	\$ 41,901,945
6			
7	Qualified Pension - nonservice costs	\$ (63,436,568)	\$ (76,589,777)
8	Labor percentage charged to DEC from DEC	100%	100%
9	Amount charged to Duke Energy Carolinas from DEC	\$ (63,436,568)	\$ (76,589,777)
10			
11	Total Amount charged for Duke Energy Carolinas (L5 + L9)	\$ (17,421,804)	\$ (34,687,832)
12			
13	<u>Duke Energy Progress:</u>		
14	Qualified Pension - service cost	\$ 28,834,421	\$ 26,871,162
15	Labor percentage charged to Duke Energy Carolinas from DEP	7.49% [2]	7.74% [3]
16	Amount charged to Duke Energy Carolinas from DEP	\$ 2,160,484	\$ 2,080,332
17			
18	<u>Duke Energy Business Services:</u>		
19	Qualified Pension - service cost	\$ 46,685,296	\$ 43,562,629
20	Percentage charged to Duke Energy Carolinas from DEBS	28.47% [4]	28.06% [4]
21	Amount charged to Duke Energy Carolinas from DEBS	\$ 13,291,304	\$ 12,223,674
22			
23	Qualified Pension - non-service costs	\$ (36,082,785)	\$ (38,637,091)
24	Percentage charged to Duke Energy Carolinas from DEBS	33.90% [5]	33.35% [5]
25	Amount charged to Duke Energy Carolinas from DEBS	\$ (12,232,064)	\$ (12,885,470)
26			
27	Total Amount charged to Duke Energy Carolinas from DEBS (L21 + L25)	\$ 1,059,240	\$ (661,796)
28			
29	Total Duke Energy Carolinas pension expenses (L11 + L16 + L27)	\$ (14,202,080)	\$ (33,269,297)

[1] Duke Energy Corporate Accounting

[2] 2021 Labor Allocation from Duke Energy Corporate Accounting

[3] 12 months ended June 2022 Labor Allocation from Duke Energy Corporate Accounting

[4] Duke Energy Business Services direct labor and allocations

[5] Factors source: 2021 and 2022 CAM Executive ESP Other Governance (Docket E-7 Sub 1100A).

Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Update Benefit Costs
For the Test Period Ending December 31, 2021
(Amounts In Dollars)

E1-10
NC2060-3 OPEB and Medical
Page 1 of 1
Application

Summary of OPEB Expenses and Active Medical [1]

Line No.	Description	12 Months Ended December 2021	2022 Projection
		Total	
1	<u>OPEB - Duke Energy Carolinas (DEC):</u>		
2			
3	OPEB - service cost	\$ 913,458	\$ 751,675
4	Percentage charged to DEC from DEC	82.33% [2]	82.02% [3]
5	Total DEC service cost	\$ 752,007	\$ 616,542
6			
7	OPEB - nonservice cost	\$ (6,876,059)	\$ (4,499,625)
8	Percentage charged to DEC from DEC	100.00%	100.00%
9	Total DEC nonservice cost	\$ (6,876,059)	\$ (4,499,625)
10			
11	<u>OPEB - Duke Energy Progress:</u>		
12	OPEB - service cost	\$ 89,253	\$ 71,287
13	Percentage charged to Duke Energy Carolinas from DEP	7.49% [2]	7.74% [3]
14	Amount charged to Duke Energy Carolinas from DEP	\$ 6,687	\$ 5,519
15			
16	<u>OPEB - Duke Energy Business Services:</u>		
17	OPEB - service cost	\$ 1,079,018	\$ 901,665
18	Percentage charged to Duke Energy Carolinas from DEBS	28.47% [4]	28.06% [4]
19	Amount charged to Duke Energy Carolinas from DEBS	\$ 307,196	\$ 253,007
20			
21	OPEB - nonservice cost	\$ (1,893,096)	\$ 422,886
22	Percentage charged to Duke Energy Carolinas from DEBS	33.90% [5]	33.35% [5]
23	Amount charged to Duke Energy Carolinas from DEBS	\$ (641,760)	\$ 141,032
24			
25	Total Duke Energy Carolinas Adjusted OPEB expenses (excluding medical, see below)	\$ (6,451,928)	\$ (3,483,525)
26			
27	<u>Duke Energy Carolinas:</u>		
28	Active Medical	\$99,893,097	\$108,892,066
29	Percentage charged to DEC from DEC	82.33% [2]	82.02% [3]
30	Total DEC active medical	\$ 82,237,268	\$ 89,315,859
31			
32	<u>Duke Energy Progress:</u>		
33	Active medical	\$48,007,733	\$60,820,735
34	Percentage charged to Duke Energy Carolinas from DEP	7.49% [2]	7.74% [3]
35	Amount charged to Duke Energy Carolinas from DEP	\$ 3,597,088	\$ 4,708,665
36			
37	<u>Duke Energy Business Services:</u>		
38	Active medical	\$92,885,978	\$99,941,442
39	Percentage charged to Duke Energy Carolinas from DEBS	28.47% [4]	28.06% [4]
40	Amount charged to Duke Energy Carolinas from DEBS	\$ 26,444,638	\$ 28,043,569
41			
42	Total Duke Energy Carolinas Active Medical Expenses (L30 + L35 + L40)	\$ 112,278,993	\$ 122,068,093
43			
44	Total Duke Energy Carolinas OPEB and Active Medical expenses (L25 + L31)	\$ 105,827,066	\$ 118,584,569

- [1] Duke Energy Corporate Accounting
[2] 2021 Labor Allocation from Duke Energy Corporate Accounting
[3] 12 months ended June 2022 Labor Allocation from Duke Energy Corporate Accounting
[4] Duke Energy Business Services direct labor and allocations
[5] Factors source: 2021 and 2022 CAM Executive ESP Other Governance (Docket E-7 Sub 1100A).
Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Update Benefit Costs
For the Test Period Ending December 31, 2021
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E1-10
NC2060-4 FAS112
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Application

Summary of FAS112 Expenses [1]

Line No.	Description	12 Months Ended December 2021	2022 Projection
		Total	
1			
2	<u>Duke Energy Carolinas:</u>		
3	FAS 112	\$5,668,075	\$10,362,452
4	Percentage charged to DEC from DEC	82.33% [2]	82.02% [3]
5	Total DEC FAS 112 (L2 x L4)	\$ 4,666,258	\$ 8,499,529
6			
7	<u>Duke Energy Progress</u>		
8	FAS 112	\$2,220,815	\$3,700,876
9	Percentage charged to DEC from DEP	7.49% [2]	7.74% [3]
10	Amount charged to Duke Energy Carolinas from DEP (L8 x L9)	\$ 166,400	\$ 286,517
11			
12	<u>Duke Energy Business Services:</u>		
13	FAS 112	\$2,197,328	\$5,921,400
14	Percentage charged to Duke Energy Carolinas from DEBS	28.47% [4]	28.06% [4]
15	Amount charged to Duke Energy Carolinas from DEBS (L13 x L14)	\$ 625,579	\$ 1,661,545
16			
17	Total Duke Energy Carolinas FAS 112 expenses (L5 + L10 +L15)	\$ 5,458,237	\$ 10,447,591

- [1] Duke Energy Corporate Accounting
[2] 2021 Labor Allocation from Duke Energy Corporate Accounting
[3] NC2050-5 - Labor Allocations by Business Unit Group
[4] Duke Energy Business Services direct labor and allocations

Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Update Benefit Costs
For the Test Period Ending December 31, 2021

E1-10
NC2060-5 NonQual
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Application

Summary of Non-Qualified Expenses [1]

Line No.	Description	12 Months Ended December 2021 Total	2022 Projection
1			
2	<u>Duke Energy Carolinas:</u>		
3	Non-Qualified Pension	\$ 566,277	\$ 537,922
4			
5	<u>Duke Energy Business Services:</u>		
6	Non-Qualified Pension	\$ 7,634,622	\$ 7,334,255
7	Percentage charged to Duke Energy Carolinas from DEBS	33.90% [2]	33.35% [2]
8	Amount charged to Duke Energy Carolinas from DEBS (L6 x L7)	\$ 2,588,137	\$ 2,445,974
9			
10	Total Duke Energy Carolinas Non-Qualified pension expenses (L3 + L8)	\$ 3,154,414	\$ 2,983,896

[1] Duke Energy Corporate Accounting

[2] Factors source: 2021 and 2022 Cost Allocation Manual Executive ESP Other Governance (Docket E-7 Sub 1100A).

Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust vegetation management expenses
For the Test Period Ending December 31, 2021

E1-10
NC2070 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts operation and maintenance expenses and income taxes for increased vegetation management expenses not included in the test period. The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust vegetation management expenses
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2070 Summary
Page 1 of 1
Application

<u>Line No</u>	<u>Impacted Income Statement Line Items</u>	<u>Source</u>	<u>Total NC Retail Application</u>
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC2070-1	\$ 3,013
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC2070-1	\$ (704)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 2,309
17			
18	Operating income (L3-L16)		\$ (2,309)
		<u>Source</u>	<u>Total NC Retail Application</u>
19	<u>Rate Base</u>		
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust vegetation management expenses
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2070-1 Calculation
Page 1 of 1
Application

Line No.	Description	Total System	NC Retail Allocation	Total NC Retail
1				
2	Vegetation management adjustment - distribution	\$ 2,128 [1]	74.1732% [2]	\$ 1,578
3	Vegetation management adjustment - transmission	2,979 [1]	48.1470% [3]	1,434
4	Impact to O&M (L2 + L3)	<u>\$ 5,107</u>		<u>\$ 3,013</u>
5				
6	Statutory tax rate	23.3503% [4]		23.3503% [4]
7	Impact to income taxes (-L4 x L6)	<u>\$ (1,193)</u>		<u>\$ (704)</u>
8				
9	Impact to operating income (-L4 - L7)	<u><u>\$ (3,915)</u></u>		<u><u>\$ (2,309)</u></u>

[1] NC2070-2 - Vegetation Management Adjustment - Distribution and Transmission, Line 14 & Line 24

[2] NC Retail Allocation Factor - All - Dist Plt OH - Jur

[3] NC Retail Allocation Factor - All - Transmission Demand - Jur

[4] NC1010-4 2022 Calculation of Tax Rates, Line 10

Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust vegetation management expenses
For the Test Period Ending December 31, 2021
(Amounts in dollars)

E1-10
NC2070-2 Veg Mgmt
Page 1 of 1
Application

Vegetation Management Adjustment - Distribution and Transmission [1]

Line No.	Description	Total Miles (a)	Target Cycle (b)	Number of Miles to Trim per Year (c) = (a) / (b)	Test Year (d)	Adjusted (e)
1						
2	<u>Vegetation Management Adjustment - Distribution</u>					
3	Urban Miles	2,097	5	419	419	419
4	Mountain Miles	4,295	7	614	1,120	614
5	Other Miles (includes Nantahala Mountain Miles)	45,200	9	5,022	4,629	5,022
6	Total Miles (Sum L3 through L5)	51,592		6,055	6,168	6,055
7	Cost per Mile				9,884	10,393
8	Production \$ (Sum L6 x L7)				\$ 60,961,236	\$ 62,930,059
9	Demand \$				3,073,167	3,144,679
10	Herbicide \$				3,245,598	3,310,510
11	Contract Inspectors \$				762,418	785,290
12	Program Target \$ (Sum L8 through L11)				\$ 68,042,419	\$ 70,170,538
13						
14	Total Distribution Adjustment (Line 11 Col (e) Less Col (d))					\$ 2,128,120
15						
16	<u>Vegetation Management Adjustment - Transmission</u>					
17	Transmission Routine Maintenance				\$ 3,177,323	\$ 4,796,449
18	Transmission Reactive Maintenance				2,405,781	2,477,954
19	Transmission Herbicide				4,980,145	5,129,549
20	Transmission Inspections				317,330	1,307,609
21	Transmission Substation Maintenance				1,481,083	1,629,191
22	Targeted Program Costs (Sum L17 through L21)				\$ 12,361,662	\$ 15,340,754
23						
24	Total Transmission Adjustment (Line 22 Col (e) Less Col (d))					\$ 2,979,092

[1] Source: Customer Delivery Finance

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Adjust test year expenses
For the Test Period Ending December 31, 2021

E1-10
NC2080 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts operation and maintenance expenses and income taxes in the test period to proactively adjust for mischarges as a result of human error in coding Company expenses as well as agreed upon adjustments.

The Company also made an adjustment to test year labor for lobbying expenses charged above the line prior to the issuance of new NCUC guidance on lobbying in Q3 of 2021.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Adjust test year expenses
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2080 Summary
Page 1 of 1
Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC2080-1	\$ (910)
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC2080-1	\$ 212
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (698)
17			
18	Operating income (L3-L16)		\$ 698
19	<u>Rate Base</u>	Source	Total NC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
Adjust test year expenses
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2080-1 Calculation
Page 1 of 1
Application

Adjust test period expenses

Line No.		
1	<u>Impact to Income Statement Line Items</u>	NC Retail
2		
3		
4	Allowance for mischarges	\$ (910) [1]
5	Impact to operation and maintenance expense (L4)	\$ (910)
6		
7	Statutory tax rate	23.3503% [2]
8		
9	Impact to income taxes (-L5 x L7)	\$ 212
10		
11	Impact to operating income (-L5 - L9)	\$ 698

[1] Adjustment to provide an allowance for possible mischarges above the line due to human error and to make adjustments to comply the Commission's lobbying rules issued in Q3 of the test year.

[2] NC1010-4 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust Aviation Expense
For the Test Period Ending December 31, 2021

E1-10
NC2090 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts operation and maintenance expense, general taxes and income taxes for aviation expenses to be excluded from the test period.

The corporate aviation operation and maintenance, depreciation, and return expense booked during the test period is multiplied by the percentage of corporate aviation expense to be excluded from test period expense. Fifty percent is being excluded.

The impact to general taxes is determined by multiplying corporate aviation general taxes booked during the test period by the percentage of corporate aviation expense to be excluded from test period expense.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust Aviation Expense
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2090 Summary
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Application

Line No	<u>Impacted Income Statement Line Items</u>	<u>Source</u>	<u>Total NC Retail Application</u>
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC2090-1	\$ (1,864)
10	Depreciation and amortization		
11	General taxes	NC2090-1	\$ (34)
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC2090-1	\$ 443
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (1,455)
17			
18	Operating income (L3-L16)		\$ 1,455
19	<u>Rate Base</u>	<u>Source</u>	<u>Total NC Retail Application</u>
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust Aviation Expense
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2090-1 Calculation
Page 1 of 1
Application

Line No.	Description	Total Carolinas	NC Retail Allocation	Total NC Retail
1				
2	Corporate aviation O&M to be excluded from test period	\$ 2,734 [1]	68.2076% [2]	\$ 1,864
3	Impact to O&M (-L2)	\$ (2,734)		\$ (1,864)
4				
5	Corporate aviation general tax to be excluded from test period	\$ 50 [1]	68.2076% [2]	\$ 34
6	Impact to general taxes (-L5)	\$ (50)		\$ (34)
7				
8	Taxable income (-L3 - L6)	\$ 2,783		\$ 1,898
9	Statutory tax rate	23.3503% [3]		23.3503% [3]
10	Impact to income taxes (L8 x L9)	\$ 650		\$ 443
11				
12	Impact to operating income (-L3 - L6 - L10)	\$ 2,133		\$ 1,455

[1] NC2090-2 -Exp Summary - Duke Energy Carolinas - Corporate Aviation Expenses - 12 Months Ended December 31, 2021

[2] NC Retail Allocation Factor - All Labor - Jur

[3] NC1010-4 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust Aviation Expense
For the Test Period Ending December 31, 2021
(Amounts in Dollars)

E1-10
NC2090-2 Exp Summary
Page 1 of 1
Application

Duke Energy Carolinas - Corporate Aviation Expenses - 12 Months Ended December 31, 2021

Line No.	Description	Total Company	Duke Energy Carolinas Allocation %	Total Duke Energy Carolinas
1	Corporate aviation general taxes	\$ 293,946 [1]		\$ 99,648 [1]
2	Percentage of corporate aviation expenses to be excluded from test period			50.0000% [2]
3	Corporate aviation general tax to be excluded from test period (L1 x L2)			\$ 49,824
4				
5	Corporate aviation operation and maintenance expense	\$ 13,177,647 [1]		\$ 4,439,275 [1]
6				
7	Corporate aviation and aerial patrol depreciation expense	\$ 3,061,814 [3]		
8	Catawba reimbursement allocation rate	11.9560% [4]		
9	Non-ownership percentage in Catawba plant	80.7540% [4]		
10	Costs reimbursed by Catawba Joint Owners (L7 x L8 x L9)	295,617		
11	Total less Catawba reimbursement (L7 - L10)	\$ 2,766,198		
12				
13	Percentage of aerial patrol O&M expenses compared to total	23.9800% [1]		
14	Depreciation expense considered a cost of aerial patrol (L11 x L13)	\$ 663,334		
15				
16	Depreciation expense less portion considered a cost of aerial patrol (L11 - L14)	\$ 2,102,864	33.9100% [5]	\$ 713,081
17				
18	Corporate aviation and aerial patrol return on DEBS assets	\$ 1,351,683 [3]		
19	Catawba reimbursement allocation rate	11.9560% [4]		
20	Non-ownership percentage in Catawba plant	80.7540% [4]		
21	Costs reimbursed by Catawba Joint Owners (L18 x L19 x L20)	130,504		
22	Total less Catawba reimbursement (L18 - L21)	\$ 1,221,179		
23				
24	Percentage of aerial patrol O&M expenses compared to total	23.9800% [1]		
25	Return expense considered a cost of aerial patrol (L22 x L24)	\$ 292,839		
26				
27	Return expense less portion considered a cost of aerial patrol (L22 - L25)	\$ 928,340	33.9000% [5]	\$ 314,707
28				
29	Corporate aviation O&M, depreciation and return expense (L5 + L16 + L27)			\$ 5,467,064
30	Percentage of corporate aviation expenses to be excluded from test period			50.0000% [2]
31	Corporate aviation O&M, depreciation expense, and return to be excluded from test period (L29 x L30)			\$ 2,733,532

[1] NC-2090-3 - Duke Energy Carolinas - Corporate Aviation and Aerial Patrol Operating Expenses - Test Period Ended December 31, 2021

[2] Duke Energy Carolinas proposes to remove 50 percent of the corporate aviation O&M expense requested in this case.

[3] NC2090-4 Depr - Duke Energy - Corporate Aviation and Aerial Patrol Depreciation and Return Expense - 12 Months Ended

[4] NC2050-3 Analysis of Total Labor \$ - Catawba

[5] NC-2090-5 -2021 Service Company Cost Allocations in Service Agreements

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
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(Amounts in Dollars)

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Duke Energy Carolinas - Corporate Aviation and Aerial Patrol Operating Expenses - 12 Months Ended December 31, 2021

Line No.	Account Description	Total Company	Total DE Carolinas
1	<u>Corporate Aviation General Taxes</u>		
2	0408960 Allocated Payroll Taxes	\$ 293,946	\$ 99,648
3			
4	<u>Corporate Aviation O&M Expenses</u>		
5	0920000 A & G Salaries	\$ 4,534,107 a	\$ 1,537,062 a
6	0921100 Employee Expenses	521,099 a	176,653 a
7	0921200 Office Expenses	4,930,924 a	1,671,583 a
8	0921400 Computer Services Expenses	11,614 a	3,937 a
9	0921600 Other	4,209 a	1,427 a
10	0923000 Outside Services Employed	3,038,277 a	1,029,976 a
11	0924000 Property Insurance	246,263 a	83,483 a
12	0926600 Employee Benefits-Transferred	830,635 a	281,585 a
13	0930240 Director's Expenses	8 a	3 a
14	0930250 Buy/Sell Transfer Employees Homes	74,692 a	25,320 a
15	0930940 General Expenses	106,729	36,181
16	0931001 Rents - A&G	275,947 a	62,612 a
17	Sub-total (Sum L5 through L16)	\$ 14,574,504	\$ 4,909,823
18			
19	Accounts in A&G reimbursement calculation (Sum of a)	\$ 14,467,774 a	\$ 4,873,642 a
20	Catawba reimbursement allocation rate	11.9560% [2]	11.9560% [2]
21	Non-ownership percentage in Catawba plant	80.7540% [2]	80.7540% [2]
22	Costs reimbursed by Catawba Joint Owners (L19 x L20 x L21)	1,396,856	470,548
23	Total less Catawba reimbursement (L17 - L22)	\$ 13,177,647	\$ 4,439,275
24			
25	<u>Aerial Patrol O&M Expenses</u>		
26	0517000 Supervsn and Engnrng-Nuc Oper	\$ (802)	
27	0520000 Steam Expenses - Nuc Oper	(401)	
28	0523000 Electric Expenses	(134)	
29	0524000 Misc Expenses - Nuc Oper	31,447	
30	0563000 Overhead Line Expenses - Trans	724,680	
31	0571000 Maint Of Overhead Lines-Trans	189,180	
32	0863000 Transm-Maint of Mains	288,540	
33	0923000 Outside Services Employed	3,154,867 a	
34	0930940 General Expenses	184,372 a	
35	Sub-total (Sum L26 through L34)	\$ 4,571,750	
36			
37	Accounts included in A&G reimbursement calculation (Sum of a)	\$ 3,339,239 a	
38	Catawba reimbursement allocation rate	11.9560% [2]	
39	Non-ownership percentage in Catawba plant	80.7540% [2]	
40	Costs reimbursed by Catawba Joint Owners (L37 x L38 x L39)	322,402	
41	Total less Catawba reimbursement (L35 - L40)	\$ 4,249,348	
42			
43	Total corporate aviation and aerial patrol oper. expenses (L2 + L23 + L41)	<u>\$ 17,720,941</u>	
44			
45	Percentage of aerial patrol O&M expenses compared to total (L41 / L43)	23.9800%	

[1] Duke Energy Service Company Financial Accounting & Reporting
[2] NC2050-3 Analysis of Total Labor \$ - Catawba

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Jan 19 2023

DUKE ENERGY CAROLINAS, LLC
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Duke Energy - Corporate Aviation and Aerial Patrol Depreciation and Return Expense [1]

Line No.	Asset	Asset ID	Project ID	Dec 2020	Jan 2021	Feb 2021	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021	Sep 2021	Oct 2021	Nov 2021	Dec 2021
1																
2				Net Book Value												
3	Challenger	525944417	AVCA14001	\$ 13,534,241	\$ 13,417,282	\$ 13,300,322	\$ 13,183,362	\$ 13,066,403	\$ 12,949,443	\$ 12,832,484	\$ 12,715,524	\$ 12,598,565	\$ 12,598,205	\$ 12,597,846	\$ 12,597,486	\$ 12,597,127
4	Helicopter	487987701	AVCA12004	10,436,273	10,436,273	10,436,273	10,436,273	10,436,273	10,436,273	10,436,273	10,436,273	10,436,273	10,436,273	10,436,273	10,436,273	10,436,273
5	Helicopter	298595561	AV2012001	2,026,294	2,026,131	2,025,968	2,025,806	2,025,642	2,025,478	2,025,315	2,025,152	2,024,989	2,024,826	2,024,663	2,024,499	2,024,336
6	Helicopter	488584767	AVCA13002	2,422,763	2,422,763	2,422,763	2,422,763	2,422,763	2,422,763	2,422,763	2,422,763	2,422,763	2,422,763	2,422,763	2,422,763	2,422,763
7	Helicopter	299001178	AVCA12002	2,086,255	2,086,088	2,085,919	2,085,751	2,085,584	2,085,415	2,085,247	2,085,079	2,084,911	2,084,743	2,084,576	2,084,407	2,084,239
8	Helicopter	1116117391	NAU190009	8,735,100	8,621,657	8,508,214	8,394,771	8,281,329	8,167,886	8,054,443	7,941,000	7,827,557	7,714,114	7,600,672	7,487,229	7,373,786
9	Helicopter	983768596	NAC200030					9,357,491	9,354,722	9,351,953	9,349,184	9,346,416	9,343,647	9,340,878	9,338,109	
10	Helicopter	132822410	NAC210818										5,114,599	4,747,150	4,702,623	4,783,677
11	Total			\$ 39,240,926	\$ 39,010,193	\$ 38,779,459	\$ 38,548,726	\$ 47,675,483	\$ 47,441,981	\$ 47,208,478	\$ 46,974,976	\$ 46,741,473	\$ 51,739,170	\$ 51,254,819	\$ 51,093,390	\$ 41,722,201
12																
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17																
18																
19																
20																
21																
22																
23																
24																
25																
26	Challenger	525944417	AVCA14001	\$ 116,960	\$ 116,960	\$ 116,960	\$ 116,960	\$ 116,960	\$ 116,960	\$ 116,960	\$ 116,960	\$ 359	\$ 360	\$ 359	\$ 359	
27	Helicopter	487987701	AVCA12004	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
28	Helicopter	298595561	AV2012001	\$ 163	\$ 163	\$ 163	\$ 163	\$ 163	\$ 163	\$ 163	\$ 163	\$ 163	\$ 163	\$ 163	\$ 163	\$ 163
29	Helicopter	488584767	AVCA13002	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30	Helicopter	299001178	AVCA12002	\$ 168	\$ 168	\$ 168	\$ 168	\$ 168	\$ 168	\$ 168	\$ 168	\$ 168	\$ 168	\$ 168	\$ 168	\$ 168
31	Helicopter	1116117391	NAU190009	\$ 113,443	\$ 113,443	\$ 113,443	\$ 113,443	\$ 113,443	\$ 113,443	\$ 113,443	\$ 113,443	\$ 113,443	\$ 113,443	\$ 113,443	\$ 113,443	\$ 113,443
32	Helicopter	983768596	NAC200030	\$ -	\$ -	\$ -	\$ -	\$ 2,769	\$ 2,769	\$ 2,769	\$ 2,769	\$ 2,769	\$ 2,769	\$ 2,769	\$ 2,769	\$ -
33	Helicopter	132822410	NAC210818	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 367,449	\$ 44,527	\$ (81,054)	
34																
35				\$ 230,733	\$ 230,734	\$ 230,734	\$ 230,734	\$ 233,502	\$ 233,502	\$ 233,503	\$ 233,502	\$ 116,902	\$ 484,352	\$ 161,429	\$ 33,080	\$ 2,652,706

	December 31, 2021
Total DEBS Assets Used in Return Calculation	\$ 621,628,973
Total Aviation Assets (L11 + L48)	46,275,891
% of Aviation Assets to DEBS Assets for Return (L17 / L16)	7.4443%
Total DEC Return for test period	18,157,307
Estimated Annual Return applicable to Aviation Assets (L18 x L17)	1,351,683

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Aircraft Hanger	Value 12/31	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1 Aircraft Hanger	3,368,645.54	14,292.70	14,292.70	14,292.70	14,292.70	14,292.70	14,292.70	14,292.70	14,292.70	14,292.70	14,292.70	14,292.70	14,292.70	171,512.34
2 Aircraft Hange 336593CAM	3,174.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	69.00	828.00
3 Aircraft Hange AV150058	1,947.67	26.32	26.32	26.32	26.32	26.32	26.32	26.32	26.32	26.32	26.32	26.32	26.32	315.84
4 Aircraft Hange AVCA14003	1,794.23	21.36	21.36	21.36	21.36	21.36	21.36	21.36	21.36	21.36	21.36	21.36	21.36	256.32
5 Aircraft Hange AVBLKT	5,101.62	111.19	111.19	111.19	111.19	111.19	111.19	111.19	111.19	111.19	111.19	111.19	111.19	1,334.23
6 Aircraft Hange EPRADIO	26,593.68	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	79.15	949.85
7 Aircraft Hange INTCOMREP	117,798.56	1,167.82	1,167.82	1,167.82	1,167.82	1,167.82	1,167.82	1,167.82	1,167.82	1,167.82	1,167.82	1,167.82	1,167.82	14,013.85
8 Aircraft Hange KB00649	9,912.78	61.19	61.19	61.19	61.19	61.19	61.19	61.19	61.19	61.19	61.19	61.19	61.19	734.28
9 Aircraft Hange NAC160053	23,969.44	510.66	510.66	510.66	510.66	510.66	510.66	510.66	510.66	510.66	510.66	510.66	510.66	6,127.95
10 Aircraft Hange NAC170069	7,673.56	156.60	156.60	156.60	156.60	156.60	156.60	156.60	156.60	156.60	156.60	156.60	156.60	1,879.25
11 Aircraft Hange NAC170080	36,974.50	724.99	724.99	724.99	724.99	724.99	724.99	724.99	724.99	724.99	724.99	724.99	724.99	8,699.88
12 Aircraft Hange NAC190104	3,573.75	111.68	111.68	111.68	111.68	111.68	111.68	111.68	111.68	111.68	111.68	111.68	111.68	1,340.16
13 Aircraft Hange NAC200091	36,765.88	2,207.99	2,207.99	2,207.99	2,207.99	2,207.99	2,207.99	2,207.99	2,207.99	2,207.99	2,207.99	2,207.99	2,207.99	26,495.85
14 Aircraft Hange NCF120305	9,004.19	81.86	81.86	81.86	81.86	81.86	81.86	81.86	81.86	81.86	81.86	81.86	81.86	982.26
15 Aircraft Hange NCF120367	139.88	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	10.02	120.29
16 Aircraft Hange NCFM10081	3,156.96	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	26.30
17 Aircraft Hange NCP110527	37,171.01	315.19	315.19	315.19	315.19	315.19	315.19	315.19	315.19	315.19	315.19	315.19	315.19	3,782.28
18 Aircraft Hange NCP120147	12,271.37	115.68	115.68	115.68	115.68	115.68	115.68	115.68	115.68	115.68	115.68	115.68	115.68	1,388.10
19 Aircraft Hange NCP120362	105,983.03	1,103.99	1,103.99	1,103.99	1,103.99	1,103.99	1,103.99	1,103.99	1,103.99	1,103.99	1,103.99	1,103.99	1,103.99	13,247.88
20 Aircraft Hange NCP120392	32,639.79	302.22	302.22	302.22	302.22	302.22	302.22	302.22	302.22	302.22	302.22	302.22	302.22	3,626.65
21 Aircraft Hange NCP130218	35,910.77	370.21	370.21	370.21	370.21	370.21	370.21	370.21	370.21	370.21	370.21	370.21	370.21	4,442.53
22 Aircraft Hange NCP140560	5,173.54	60.11	60.11	60.11	60.11	60.11	60.11	60.11	60.11	60.11	60.11	60.11	60.11	721.32
23 Aircraft Hange NCPM10100	45,567.10	31.64	31.64	31.64	31.64	31.64	31.64	31.64	31.64	31.64	31.64	31.64	31.64	379.72
24 Aircraft Hange NCT086286	4,591.77	79.17	79.17	79.17	79.17	79.17	79.17	79.17	79.17	79.17	79.17	79.17	79.17	949.98
25 Aircraft Hange NCT100204	2,446.49	90.61	90.61	90.61	90.61	90.61	90.61	90.61	90.61	90.61	90.61	90.61	90.61	1,087.32
26 Aircraft Hange NCT100642	360.81	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	17.18	206.16
27 Aircraft Hange NCT100656	235.97	12.10	12.10	12.10	12.10	12.10	12.10	12.10	12.10	12.10	12.10	12.10	12.10	145.20
28 Aircraft Hange NCT160090	29,383.23	445.20	445.20	445.20	445.20	445.20	445.20	445.20	445.20	445.20	445.20	445.20	445.20	5,342.41
29 Aircraft Hange NCT160310	17,550.57	292.51	292.51	292.51	292.51	292.51	292.51	292.51	292.51	292.51	292.51	292.51	292.51	3,510.12
30 Aircraft Hange NCT170117	132,687.22	2,823.13	2,823.13	2,823.13	2,823.13	2,823.13	2,823.13	2,823.13	2,823.13	2,823.13	2,823.13	2,823.13	2,823.13	33,877.58
31 Aircraft Hange NCT170165	207,824.82	4,833.13	4,833.13	4,833.13	4,833.13	4,833.13	4,833.13	4,833.13	4,833.13	4,833.13	4,833.13	4,833.13	4,833.13	57,997.61
32 Aircraft Hange NCT200025	2,100.76	43.77	43.77	43.77	43.77	43.77	43.77	43.77	43.77	43.77	43.77	43.77	43.77	525.20
33 Aircraft Hange NCT274907	2,914.88	49.41	49.41	49.41	49.41	49.41	49.41	49.41	49.41	49.41	49.41	49.41	49.41	592.86
34 Aircraft Hange NCT299531	3,173.15	55.67	55.67	55.67	55.67	55.67	55.67	55.67	55.67	55.67	55.67	55.67	55.67	668.04
35 Aircraft Hange NCT318388	655.48	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	11.50	138.00
36 Aircraft Hange NCT397038	1,372.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	28.00	336.00
37 Aircraft Hange NCW210715	1.75	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.50
38 Aircraft Hange NCW210764	3.52	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	3.52
39 Aircraft Hange NET180018	1,204.71	27.38	27.38	27.38	27.38	27.38	27.38	27.38	27.38	27.38	27.38	27.38	27.38	328.56
40 Aircraft Hange NET190279	6,479.49	231.41	231.41	231.41	231.41	231.41	231.41	231.41	231.41	231.41	231.41	231.41	231.41	2,776.92
41 Aircraft Hange NWF150029	9,252.49	117.12	117.12	117.12	117.12	117.12	117.12	117.12	117.12	117.12	117.12	117.12	117.12	1,405.45
42 Aircraft Hange NWP130034	6,006.58	66.74	66.74	66.74	66.74	66.74	66.74	66.74	66.74	66.74	66.74	66.74	66.74	800.88
43 Aircraft Hange NWP140238	11,341.54	133.43	133.43	133.43	133.43	133.43	133.43	133.43	133.43	133.43	133.43	133.43	133.43	1,601.16
44 Aircraft Hange NWP140250	39,524.22	479.22	479.22	479.22	479.22	479.22	479.22	479.22	479.22	479.22	479.22	479.22	479.22	5,750.59
45 Aircraft Hange NWP140775	23,270.97	342.22	342.22	342.22	342.22	342.22	342.22	342.22	342.22	342.22	342.22	342.22	342.22	4,106.64
46 Aircraft Hange TC210007	1,565.26	32.61	32.61	32.61	32.61	32.61	32.61	32.61	32.61	32.61	32.61	32.61	32.61	391.32
47 Aircraft Hange WLAFEOL	116,799.28	1,946.65	1,946.65	1,946.65	1,946.65	1,946.65	1,946.65	1,946.65	1,946.65	1,946.65	1,946.65	1,946.65	1,946.65	23,359.85
48	4,553,689.81													
49	Depr Expense	34,092.33	34,092.33	34,092.33	34,092.33	34,092.33	34,092.33	34,092.33	34,092.33	34,092.33	34,092.33	34,092.33	34,092.33	409,108.00

DEC Allocation 33.90% [2]

DEC Depr Aviation 138,687.61

[1] Duke Energy Service Company Financial Accounting & Reporting

[2] NC-2090-5 - 2021 Service Company Cost Allocations in Service Agreements - Facilities Rate of Return allocation factor

DUKE ENERGY CAROLINAS, LLC
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2021 Service Company Cost Allocations in Service Agreements - Depreciation Expense and Facilities Rate of Return Factors

SERVICE COMPANY COST ALLOCATION DETAILS COST ALLOCATIONS IN SERVICE AGREEMENTS									DPC 20056 Duke Power Governance			DEP 50991 DE Progress Florida			DEF 50992 Progress Florida			DEO 75956 KO Transmission			DEO 75953 DE Ohio (USFRELG OV)			DEO 75954 DE Ohio (USFRGSG OV)			DEO DEK Comm Other				Total	
SA #	Function	Function	Allocation Method	Operating Unit	Function	OU Description	Allocation Pool	Alloc Pool	St Cd																							
Fac ROR	Facilities Rate of Return Allocation	Allocates the Service Company's portion of the utilities	Three Factor Formula	DURR	Facilities Rate of	Facilities ROR Gvrnce	GOVEMPROR	Facilities ROR Gvrnce	DG1	33.90%	22.69%	17.12%	0.05%	3.59%	1.53%	5.17%	1.58%	3.28%	0.12%	100.00%												
				DDEP	Accounting	DEBS Depreciation DE	DENT3FFDEP	SvcCo Depreciation	D49	33.91%	22.69%	17.12%	0.05%	3.59%	1.53%	5.17%	1.58%	3.28%	0.12%	100.01%												

Source: Duke Energy Service Company Financial Accounting & Reporting - Cost Allocation Manual E-7 Sub 1100A

Fac 33.90%
Depr 33.91%

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NC2090-5 ROR
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DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Levelize Nuclear Refueling Outage Costs
For the Test Period Ending December 31, 2021

E1-10
NC2100 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts operation and maintenance expenses and income taxes to levelize nuclear refueling outage costs.

The impact to operation and maintenance expenses was determined by subtracting annualized outage amortization expense from test period outage expense.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
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Levelize Nuclear Refueling Outage Costs
For the Test Period Ending December 31, 2021
(Dollars in thousands)

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Line No	<u>Impacted Income Statement Line Items</u>	<u>Source</u>	<u>Total NC Retail Application</u>
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	<u>Operation and maintenance:</u>		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC2100-1	\$ 1,679
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC2100-1	\$ (392)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 1,287
17			
18	Operating income (L3-L16)		\$ (1,287)
19	<u>Rate Base</u>	<u>Source</u>	<u>Total NC Retail Application</u>
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
1	Materials and supplies		\$ -
13	Total Working Capital		\$ -
14	Accumulated deferred income taxes		\$ -
15	Operating reserves		\$ -
16	Construction Work in Progress		\$ -
17	Total Rate Base (sum(L22:L1,L13,L14:L16))		\$ -

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Levelize Nuclear Refueling Outage Costs
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(Dollars in thousands)

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Line No.	Description	Total NC Retail
1		
2	<u>NC Amortization of Outage Deferral - Last Known and Measurable:</u>	
3	McGuire Unit 1	\$ 909 [1]
4	McGuire Unit 2	1,093 [1]
5	Catawba Unit 1	124 [1]
6	Catawba Unit 2	281 [1]
7	Oconee Unit 1	734 [1]
8	Oconee Unit 2	737 [1]
9	Oconee Unit 3	544 [1]
10	Total Monthly Amortization Expense (Sum L3 through L9)	\$ 4,422
11		
12	NC Annualized Amortization Expense, Based on Last Known and Measurable:	
13	McGuire Unit 1 (L3 x 12)	\$ 10,906
14	McGuire Unit 2 (L4 x 12)	13,121
15	Catawba Unit 1 (L5 x 12)	1,493
16	Catawba Unit 2 (L6 x 12)	3,370
17	Oconee Unit 1 (L7 x 12)	8,811
18	Oconee Unit 2 (L8 x 12)	8,842
19	Oconee Unit 3 (L9 x 12)	6,525
20	Total Annual Amortization Expense (Sum L13 through L19)	\$ 53,068
21		
22	Annualized NC outage amortization expense (L20)	\$ 53,068
23	Test year NC amortization of outage deferral	51,390 [2]
24	Impact to O&M (L22 - L23)	\$ 1,679
25		
26	Statutory tax rate	23.3503% [3]
27	Impact to income taxes (-L24 x L26)	\$ (392)
28		
29	Impact to operating income (-L24 - L27)	\$ (1,287)

[1] Information provided by Duke Energy Carolinas Accounting

[2] NC-2100-2 Deferral

[3] NC1010-4 2022 Calculation of Tax Rates, Line 10

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Levelize Nuclear Refueling Outage Costs
For the Test Period Ending December 31, 2021
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NC2100-2 Deferral
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Application

NC Amortization of Outage Deferral - For the Test Period Ending December 31, 2021

Line

<u>No.</u>	<u>Description</u>	<u>Total</u>	<u>Jan-21</u>	<u>Feb-21</u>	<u>Mar-21</u>	<u>Apr-21</u>	<u>May-21</u>	<u>Jun-21</u>	<u>Jul-21</u>	<u>Aug-21</u>	<u>Sep-21</u>	<u>Oct-21</u>	<u>Nov-21</u>	<u>Dec-21</u>
1	McGuire Unit 1	\$ 10,906	\$ 909	\$ 909	\$ 909	\$ 909	\$ 909	\$ 909	\$ 909	\$ 909	\$ 909	\$ 909	\$ 909	\$ 909
2	McGuire Unit 2	11,292	927	927	927	927	927	927	927	927	927	927	927	1,093
3	Catawba Unit 1	2,090	174	174	174	174	174	174	174	174	174	174	174	174
4	Catawba Unit 2	2,879	183	183	183	183	183	281	281	281	281	281	281	281
5	Oconee Unit 1	8,811	734	734	734	734	734	734	734	734	734	734	734	734
6	Oconee Unit 2	8,886	741	741	741	741	741	741	741	741	741	741	741	741
7	Oconee Unit 3	6,525	544	544	544	544	544	544	544	544	544	544	544	544
8	Total	<u>\$ 51,390</u>	<u>\$ 4,211</u>	<u>\$ 4,211</u>	<u>\$ 4,211</u>	<u>\$ 4,211</u>	<u>\$ 4,211</u>	<u>\$ 4,310</u>	<u>\$ 4,310</u>	<u>\$ 4,310</u>	<u>\$ 4,310</u>	<u>\$ 4,310</u>	<u>\$ 4,310</u>	<u>\$ 4,476</u>

[1] Information provided by Duke Energy Carolinas Accounting

DUKE ENERGY CAROLINAS, LLC
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Annualize non labor O&M
For the Test Period Ending December 31, 2021

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NC2110 Narrative
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E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro-forma annualizes test period operation and maintenance expenses excluding fuel, purchased power, and labor and benefit costs to reflect the change in unit costs that occurred during the test period.

The impact to operation and maintenance expenses is determined as follows:

Starting with per book operation and maintenance expense, excluding fuel and purchased power, as stated on Bowman Exhibit 2 page 1 and subtracting all pro-forma adjustments that adjust the test period amount.

Next, subtract the salaries and wages and fringe benefits from operation and maintenance expenses.

Finally, the impact to operation and maintenance expense is calculated by multiplying total adjusted non-labor operation and maintenance expenses by the average inflation rate.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
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Annualize non labor O&M
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E1-10
NC2110 Summary
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Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC2110-1	48,501
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC2110-1	(11,325)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 37,176
17			
18	Operating income (L3-L16)		\$ (37,176)
19	<u>Rate Base</u>		
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

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Annualize non labor O&M
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NC2110-1 Calculation
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Application

<u>Line</u> <u>No.</u>	<u>Description</u>	<u>Total</u> <u>System</u>	<u>NC Retail</u> <u>Allocation</u>	<u>Total</u> <u>NC Retail</u>
1	O&M (excluding fuel and purchase power)			1,192,866 [1]
2				
3	Less existing proforma adjustments			
4	Reagents expense and proceeds from sale of by-products (NC2010)	25,278	0.0000% [5]	-
5	Costs recovered through non fuel riders (NC2030)	109,961		81,295 [9]
6	Amortization of prior rate case costs (NC5010)	1,783	Direct	1,783
7	Expiring amortizations (NC5010) - Severance	21,685	Direct	21,685
8	Vegetation management expenses - distribution (NC2070)	68,042	74.1732% [6]	50,469
9	Vegetation management expenses - transmission (NC2070)	12,362	48.1470% [7]	5,952
10	Adjust Test Year Expenses (NC2080)	910	Direct	910
11	NCUC regulatory fee (NC2130)	6,369	Direct	6,369
12	Aviation expenses (NC2090)	2,734	68.2076% [8]	1,864
13	Adjust Nuclear Outage Levelization (NC2100)	51,390	Direct	51,390
14	Storm Normalization (NC7010)	6,347	Direct	6,347
15	Adjust Test Year Expenses - Rent (NC2150)	10,441	68.2076% [8]	7,121
16	Adjust NCUC Regulatory Fee Amortization (NC5080)	555	Direct	555
17				
18				
19				
20				
21				
22				
23	Total Proforma adjustments			\$ 235,742
24				
25	Total O&M to be adjusted including labor (L1 - L23)			\$ 957,124
26				
27	Net electric O&M salaries and wages - NC Retail			\$ 465,451 [10]
28	Fringe benefits contribution rate			10.01% [2]
29	Fringe benefits (L27 x L28)			\$ 46,592
30				
31	O&M salaries & wages and fringe benefits (L27 + L29)			\$ 512,043
32				
33	Total non-labor O&M to be adjusted (L25 - L31)			\$ 445,081
34	Average inflation rate			10.90% [3]
35	Impact to O&M - non-labor O&M adjustment to reflect end of period costs (L33 x L34)			\$ 48,501
36				
37	Statutory tax rate			23.3503% [4]
38	Impact to income taxes (-L35 x L37)			\$ (11,325)
39	Impact to operating Expense (L35 + L38)			\$ 37,176

[1] Bowman Exhibit 2 Page 1 Line 4 Per Books

[2] NC2050 - Normalize O&M Labor Expenses - DEC tab NC2050-1 Calculation line 37

[3] NC2110-2 Avg Price Indices line 21

[4] NC1010-4 - 2022 Calculation of Tax Rates, Line 10

[5] All - MWHs at Meter - Jur

[6] All - Dist Plt OH - Jur

[7] All - Transmission Demand - Jur

[8] All - Labor - Jur

[9] Proforma NC2030 - Adjust for Costs Recovered thru Non Fuel Riders - DEC tab NC2030-1 Calculation line 31

[10] NC Retail Labor Allocation per 2021 COS 12CP - E-1, Item 45

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DUKE ENERGY CAROLINAS, LLC
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Annualize non labor O&M
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NC2110-2 Avg Price Indices
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Average of Consumer Price Index and Producer Price Index

Line No.	Period	CPI [1] (a)	PPI [2] Finished goods less food & energy (b)	PPI [3] Processed materials less food & energy (c)	PPI Average (d)= Average of (b) and (c)
1	December-2020	260.5	211.6	204.1	
2	January-2021	261.6	212.2	207.8	
3	February-2021	263.0	213.0	211.8	
4	March-2021	264.9	213.8	217.5	
5	April-2021	267.1	215.0	224.0	
6	May-2021	269.2	216.2	230.1	
7	June-2021	271.7	217.7	234.6	
8	July-2021	273.0	219.1	237.9	
9	August-2021	273.6	220.2	240.6	
10	September-2021	274.3	221.6	242.8	
11	October-2021	276.6	222.8	246.8	
12	November-2021	277.9	224.1	250.2	
13	December-2021	278.8	225.3	251.8	
14					
15	13 month average	270.2	217.9	230.8	
16					
17	September-2022 (will update through capital cut-off)	296.8	240.1	262.3	
18					
19	Increase from average to cutoff (L17 - L15)	26.6	22.2	31.5	
20	% increase from average to year end (L19 / L15)	9.86%	10.19%	13.67%	11.93%
21	Average inflation rate (Average, L20 Col. (a) and Col. (d))	10.90%			

Note: Totals may not foot due to rounding.

[1] NC2110-3 - Consumer Price Index - All Items

[2] NC2110-4 - Producer Price Index - Commodities - Finished goods less food and energy

[3] NC2110-5 - Producer Price Index - Commodities - Processed materials less food and energy

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E1-10
NC2110-3 All Items
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Application

Consumer Price Index - All Urban Consumers
Original Data Value

Series Id: CUUR0000SA0

Not Seasonally Adjusted

Series All items in U.S. city average, all urban consumers,

Area: U.S. city average

Item: All items

Base 1982-84=100

Period:

Years: 2011 to 2021

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
2009	211.143	212.193	212.709	213.240	213.856	215.693	215.351	215.834	215.969	216.177	216.330	215.949	214.537
2010	216.687	216.741	217.631	218.009	218.178	217.965	218.011	218.312	218.439	218.711	218.803	219.179	218.056
2011	220.223	221.309	223.467	224.906	225.964	225.722	225.922	226.545	226.889	226.421	226.230	225.672	224.939
2012	226.665	227.663	229.392	230.085	229.815	229.478	229.104	230.379	231.407	231.317	230.221	229.601	229.594
2013	230.280	232.166	232.773	232.531	232.945	233.504	233.596	233.877	234.149	233.546	233.069	233.049	232.957
2014	233.916	234.781	236.293	237.072	237.900	238.343	238.250	237.852	238.031	237.433	236.151	234.812	236.736
2015	233.707	234.722	236.119	236.599	237.805	238.638	238.654	238.316	237.945	237.838	237.336	236.525	237.017
2016	236.916	237.111	238.132	239.261	240.229	241.018	240.628	240.849	241.428	241.729	241.353	241.432	240.007
2017	242.839	243.603	243.801	244.524	244.733	244.955	244.786	245.519	246.819	246.663	246.669	246.524	245.120
2018	247.867	248.991	249.554	250.546	251.588	251.989	252.006	252.146	252.439	252.885	252.038	251.233	251.107
2019	251.712	252.776	254.202	255.548	256.092	256.143	256.571	256.558	256.759	257.346	257.208	256.974	255.657
2020	257.971	258.678	258.115	256.389	256.394	257.797	259.101	259.918	260.280	260.388	260.229	260.474	258.811
2021	261.582	263.014	264.877	267.054	269.195	271.696	273.003	273.567	274.310	276.589	277.948	278.802	270.970
2022	281.148	283.716	287.504	289.109	292.296	296.311	296.276	296.171	296.8				

Source: Bureau of Labor Statistics

DUKE ENERGY CAROLINAS, LLC
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E1-10
NC2110-4 Finishd Goods
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Producer Price Index-Commodities
Original Data Value

Series Id: WPSFD4131
Seasonally Adjusted
Series Title: PPI Commodity data for Final demand-
Group: Final demand
Item: Finished goods less foods and energy
Base Date: 198200
Years: 2011 to 2021

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
2009	170.8	170.9	171.2	171.3	171.2	171.8	171.4	171.8	171.6	171.5	172.1	172.1	171.5
2010	172.5	172.6	172.9	172.9	173.4	173.6	173.7	173.9	174.3	174.3	174.3	174.6	173.6
2011	175.3	175.7	176.2	176.8	177.0	177.6	178.2	178.5	179.0	179.4	179.6	180.0	177.8
2012	180.7	181.0	181.3	181.6	181.8	182.1	182.9	183.2	183.2	183.3	183.7	183.7	182.4
2013	183.9	184.2	184.4	184.6	184.8	185.0	185.2	185.3	185.4	185.6	185.9	186.7	185.1
2014	187.5	187.7	187.7	187.9	188.2	188.5	188.7	189.0	189.2	189.7	189.7	189.8	188.6
2015	190.7	191.2	191.4	191.5	191.8	192.7	193.0	193.0	193.2	193.1	193.2	193.4	192.4
2016	193.9	194.1	194.3	194.6	194.8	195.4	195.4	195.6	195.8	196.1	196.3	196.7	195.3
2017	197.2	197.3	197.8	198.4	198.5	198.8	198.9	199.2	199.1	200.0	200.5	200.6	198.9
2018	200.9	201.3	201.8	202.2	202.7	203.1	203.7	204.1	204.5	205.2	205.6	205.8	203.4
2019	206.7	206.9	207.2	207.3	207.7	207.8	208.1	208.2	208.3	208.5	208.8	208.8	207.9
2020	208.8	209.4	209.4	209.9	209.9	209.9	210.4	210.7	210.8	210.8	211.4	211.6	210.3
2021	212.2	213.0	213.8	215.0	216.2	217.7	219.1	220.2	221.6	222.8	224.1	225.3	218.4
2022	227.3	229.6	231.1	233.5	235.4	237.1	238.4	239.6	240.1				

Note: Items highlighted green above are preliminary. All indexes are subject to revision four months after original publication.

Source: Bureau of Labor Statistics

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NC2110-5 Processed Mtl
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Application

Producer Price Index-Commodities
Original Data Value

Series Id: WPSID69115
Seasonally Adjusted
Series PPI Commodity data for Intermediate demand
Group: Intermediate demand by commodity type
Item: Processed materials less foods and energy
Base Date: 198200
Years: 2011 to 2021

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
2009	174.8	173.5	172.7	171.8	171.4	171.8	172.2	173.2	174.2	174.5	174.9	175.9	173.4
2010	177.0	178.4	179.6	181.4	181.8	180.9	180.2	180.5	180.9	182.0	183.1	184.1	180.8
2011	186.6	188.8	190.2	192.4	193.5	193.7	194.2	194.2	194.2	193.0	192.3	191.3	192.0
2012	192.0	193.2	194.5	194.7	194.1	191.9	191.2	191.3	192.0	192.2	192.1	192.6	192.7
2013	193.7	194.7	194.4	193.9	193.6	193.5	193.3	193.7	193.7	193.6	193.6	194.0	193.8
2014	194.6	195.2	194.8	195.1	195.0	195.1	195.9	196.3	196.3	195.8	194.9	193.9	195.2
2015	191.7	191.1	190.5	190.1	190.1	190.2	190.1	189.2	188.1	187.6	187.1	186.5	189.4
2016	185.7	185.2	185.2	185.7	186.3	186.7	186.9	187.4	187.6	187.9	188.7	189.3	186.9
2017	189.9	191.3	192.1	193.0	192.9	193.1	192.9	193.5	194.1	195.0	195.9	196.2	193.3
2018	197.2	198.2	199.3	199.9	201.4	202.3	203.0	203.7	204.4	204.8	204.1	203.1	201.8
2019	203.0	202.6	202.4	202.2	201.8	201.1	200.7	200.0	199.7	200.2	199.8	199.4	201.1
2020	199.6	199.4	199.0	196.1	195.0	195.9	197.1	198.6	200.2	200.8	201.2	204.1	198.9
2021	207.8	211.8	217.5	224.0	230.1	234.6	237.9	240.6	242.8	246.8	250.2	251.8	233.0
2022	255.5	256.4	258.7	261.8	266.5	266.6	265.9	264.0	262.3				

Note: Items highlighted green above are preliminary. All indexes are subject to revision four months after original publication.

Source: Bureau of Labor Statistics

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust reserve for end of life nuclear costs
For the Test Period Ending December 31, 2021

E1-10
NC2120 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

Nuclear Fuel

The cost of the last nuclear fuel core is not captured in the costs of decommissioning and is not expected to have any salvage value. As this last core of nuclear fuel would benefit the ratepayers served prior to the end of life of the nuclear plant, a reserve is accrued so that there is a better matching of cost and benefit for ratemaking purposes. The annual amortization expense adjustment is determined by dividing the current projected remaining value of the last core of nuclear fuel at the end of life of each unit by the number of years remaining in the unit's life less the amount of amortization in the test year. The reserve is an offset to rate base in the cost of service.

Nuclear Materials and Supplies

Similar to the discussion above for the final nuclear fuel core, the Company accrues a reserve for end of life nuclear materials and supplies (M&S). The nuclear M&S inventory will have little or no salvage value at the time of decommissioning. The annual amortization expense adjustment was determined by dividing the projected inventory balance at the end of life of each unit by the number of years remaining in the unit's life less the amount of amortization in the test year. Duke Energy Carolinas assumed in its computations that the current test year balance of nuclear M&S would be the projected inventory balance at the end of life of each unit.

DUKE ENERGY CAROLINAS, LLC
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For the Test Period Ending December 31, 2021
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E1-10
NC2120 Summary
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Application

Line No	Impacted Income Statement Line Items	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	NC2120-1	\$ (6,744)
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC2120-1	\$ 1,575
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (5,170)
17			
18	Operating income (L3-L16)		\$ 5,170
		Source	Total NC Retail Application
19	<u>Rate Base</u>		
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

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Adjust reserve for end of life nuclear costs
For the Test Period Ending December 31, 2021
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E1-10
NC2120-1 Calculation
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Application

Line		
<u>No.</u>	<u>Description</u>	<u>NC Retail</u>
1	<u>Impact to Income Statement Line Items</u>	
2	Adjustment to annual expense for end of life reserve for nuclear fuel	\$ (520) [1]
3	Adjustment to annual expense for end of life reserve for nuclear M&S	(6,225) [2]
4	Impact to depreciation and amortization (L2 + L3)	<u>\$ (6,744)</u>
5		
6	Statutory tax rate	23.3503% [3]
7	Impact to income taxes (-L4 x L6)	<u>\$ 1,575</u>
8	Impact to operating income (-L4 - L7)	<u><u>\$ 5,170</u></u>

[1] NC-2120-2 - Adjustment for End of Life Reserve for Nuclear Fuel, Line 34

[2] NC-2120-3 - Adjustment for End of Life Reserve for Nuclear Materials and Supplies, Line 24

[3] NC1010-4 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
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Adjust reserve for end of life nuclear costs
For the Test Period Ending December 31, 2021
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NC2120-2 Nuclear Fuel
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Application

Adjustment for End of Life Reserve for Nuclear Fuel

Line No.	Description	CNS 1	CNS 2	MNS 1	MNS 2	ONS 1	ONS 2	ONS 3	Total	
1	<u>Impact to Income Statement Line Items</u>									
2	Projection of core's end-of cycle value	\$ 72,999	\$ 68,103	\$ 70,025	\$ 72,133	\$ 57,236	\$ 61,652	\$ 63,727	\$ 465,876	[1]
3	as of date	10/25/2039	3/15/2036	3/7/2037	3/13/2038	10/2/2032	10/1/2033	4/4/2034		[1]
4	Joint ownership share of core's end-of-cycle value	80.754%	80.754%	-	-	-	-	-		[2]
5	Core's end-of-cycle value net of joint ownership estimate (L2 - (L2 x L4))	\$ 14,049	\$ 13,107	\$ 70,025	\$ 72,133	\$ 57,236	\$ 61,652	\$ 63,727	\$ 351,929	
6	Final refueling cycle months	12	12	12	12	18	18	18		[1]
7	Normal refueling cycle months	18	18	18	18	24	24	24		[1]
8	Adjustment ratio for shorter last cycle (L6 / L7)	66.67%	66.67%	66.67%	66.67%	75.00%	75.00%	75.00%		
9										
10	Adjustment ratio for last cycle loading & operating efficiencies	75.00%	75.00%	75.00%	75.00%	75.00%	75.00%	75.00%		[1]
11										
12	Adjusted end of cycle value (L5 x L8 x L10)	\$ 7,025	\$ 6,554	\$ 35,013	\$ 36,067	\$ 32,195	\$ 34,679	\$ 35,846	\$ 187,379	
13	Projected decommissioning date of plant	12/5/2063	12/5/2063	6/12/2061	3/3/2063	2/6/2053	10/6/2053	7/19/2054		[3]
14	Nuclear fuel annual escalation rate (applies to post forecast period)	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%		[1]
15	Adjusted end of cycle value, escalated to decommissioning date									
16	(L12 x (1 + L14) ^ ((L13 - L3) / 365.25 days))	\$ 11,324	\$ 11,348	\$ 56,613	\$ 59,139	\$ 48,171	\$ 51,545	\$ 53,572	\$ 291,712	
17										
18	NC Retail Allocation Factor - All - MWHs at Generation - Jur	67.4869%	67.4869%	67.4869%	67.4869%	67.4869%	67.4869%	67.4869%	67.4869%	[4]
19	Adjusted end of cycle value, escalated to decommissioning date - NC Retail (L16 x L18)	\$ 7,642	\$ 7,659	\$ 38,206	\$ 39,911	\$ 32,509	\$ 34,786	\$ 36,154	\$ 196,868	
20										
21	Reserve balance - NC Retail at 12/31/2021	\$ 1,993	\$ 1,982	\$ 10,448	\$ 10,352	\$ 12,876	\$ 12,611	\$ 12,315	\$ 62,578	[5]
22	2021 annual expense for reserve - NC Retail	109	532	419	502	2,673	-	-	4,236	[5]
23	2021 monthly expense for reserve - NC Retail (L22 / 12 months)	9	44	35	42	223	-	-	353	
24	Number of months amortized at 12/31/2023	24	24	24	24	24	24	24	24	[6]
25	Expected reserve balance - NC Retail at 12/31/2023 (L21 + (L23 x L24))	\$ 2,212	\$ 3,047	\$ 11,286	\$ 11,356	\$ 18,223	\$ 12,611	\$ 12,315	\$ 71,050	
26										
27	Remaining reserve required at rates effective date - NC Retail (L19 - L25)	\$ 5,431	\$ 4,612	\$ 26,921	\$ 28,555	\$ 14,286	\$ 22,175	\$ 23,839	\$ 125,818	
28										
29	Date new rates effective	1/1/2024	1/1/2024	1/1/2024	1/1/2024	1/1/2024	1/1/2024	1/1/2024		
30	Years of remaining plant life (L13 - L29 / 365.25 days)	40	40	37	39	29	30	31		
31	Annual expense for reserve required at new rates effective date - NC Retail (L27 / L30)	\$ 136	\$ 116	\$ 719	\$ 729	\$ 491	\$ 745	\$ 780	\$ 3,716	
32										
33	Current annual expense for reserve - NC Retail (L22)	\$ 109	\$ 532	\$ 419	\$ 502	\$ 2,673	\$ -	\$ -	\$ 4,236	
34	Adjustment to annual expense for end of life reserve for nuclear fuel (L31 - L33)	\$ 27	\$ (417)	\$ 300	\$ 227	\$ (2,182)	\$ 745	\$ 780	\$ (520)	

[1] Information provided by Duke Energy Nuclear Fuel Supply

[2] NC-2050 - 3 Joint Owner - Catawba Project (Gross, Allocated \$), 12 Months Ended Dec 31, 2021, Non-ownership percentage in Catawba plant

[3] NC-2802 - End of Life Reserve for Nuclear M&S - Last Rate Case (Docket No. E-7, Sub 1214) - Decommissioning date + 20 years (based on SLRs)

[4] Allocation Factor - All - MWHs at Generation

[5] Provided by Accounting - DEC NF Last Core Res Details by Plant

[6] Monthly amortization begin date January 1, 2022 through rates effective date December 31, 2023 = 24 months

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust reserve for end of life nuclear costs
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2120-3 M&S
Page 1 of 1
Application

Adjustment for End of Life Reserve for Nuclear Materials and Supplies

Line No.	Description	McGuire	Oconee	Catawba	Total	
1	<u>Impact to Income Statement Line Items</u>					
2	Current inventory as of 12/31/2021	\$ 141,072	\$ 182,903	\$ 160,468	\$ 484,443	[1]
3	Catawba contra	-	-	(130,295)	(130,295)	[1]
4	End of life inventory value net of joint ownership estimate (L2 + L3)	\$ 141,072	\$ 182,903	\$ 30,172	\$ 354,147	
5						
6	NC Retail Allocation Factor - All Production Demand	66.9690%	66.9690%	66.9690%	66.9690%	[2]
7	Nuclear M&S inventory base for amortization - NC Retail (L4 x L6)	\$ 94,474	\$ 122,488	\$ 20,206	\$ 237,169	
8						
9	Reserve balance - NC Retail at 12/31/2021	\$ 24,354	\$ 45,410	\$ 4,547	\$ 74,312	[3]
10	2021 annual expense for reserve - NC Retail	3,474	6,228	612	10,314	
11	2021 monthly expense for reserve - NC Retail (L10 / 12 months)	290	519	51	860	
12	Number of months amortized at 12/31/2023	24	24	24	24	[4]
13	Expected reserve balance - NC Retail at 12/31/2023 (L9 + (L11 x L12))	\$ 31,302	\$ 57,866	\$ 5,771	\$ 94,940	
14						
15	Remaining reserve required at rates effective date - NC Retail (L7 - L13)	\$ 63,172	\$ 64,622	\$ 14,434	\$ 142,229	
16						
17	Projected decommissioning date of plant	3/3/2063	7/19/2054	12/5/2063		[5]
18	Date new rates effective	1/1/2024	1/1/2024	1/1/2024		[6]
19	Years of remaining plant life ((L17 - L18 / 365.25 days)	39	31	40		
20						
21	Annual expense for reserve required at rates effective date - NC Retail (L15 / L19)	\$ 1,613	\$ 2,115	\$ 361	\$ 4,090	
22						
23	Current annual expense for reserve - NC Retail (L10)	\$ 3,474	\$ 6,228	\$ 612	\$ 10,314	
24	Adjustment to annual expense for end of life reserve for nuclear M&S (L21 - L23)	\$ (1,861)	\$ (4,113)	\$ (251)	\$ (6,225)	

[1] Provided by Duke Energy Carolinas Accounting

[2] Allocation Factor - All Production Demand

[3] Provided by Accounting - DEC M&S Inventory by Plant Analysis

[4] Monthly amortization begin date January 1 2022 through rates effective date December 31, 2023 = 24 months

[5] NC-2120-2 - Adjustment for End of Life Reserve for Nuclear Fuel, Line 13

[6] NC-2120-2 - Adjustment for End of Life Reserve for Nuclear Fuel, Line 29

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust O&M for change in NCUC regulatory fee
For the Test Period Ending December 31, 2021

E1-10
NC2130 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts other operation and maintenance expense for the impact of the change in the NCUC fee since the last rate case.

The impact to operation and maintenance expense is determined as follows:

The regulatory fee expense was recalculated using the base revenues subject to regulatory fee in the test period times the new rate of 0.0014 effective July 1, 2022.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust O&M for change in NCUC regulatory fee
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2130 Summary
Page 1 of 1
Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC2130-1	\$ 490
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC2130-1	(114)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 376
17			
18	Operating income (L3-L16)		\$ (376)
19	<u>Rate Base</u>	Source	Total NC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust O&M for change in NCUC regulatory fee
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2130-1 Adjusted Reg Fee Calc
Page 1 of 1
Application

Line No.	Description	NC Retail
1	<u>Impact to Income Statement Line Items</u>	
2	<u>Other operation and maintenance expense:</u>	
3		
4	Revenues subject to regulatory fee in the test period	\$ 4,899,551 [1]
5	Statutory regulatory fee percentage rate	0.1400% [2]
6	Amount of annualized regulatory fee (L4 x L5)	\$ 6,859
7	Amount of regulatory fee booked in test period	6,369 [1]
8	Adjustment to O&M to annualize reg fee booked in the test period (L6 - L7)	\$ 490
9		
10	Statutory tax rate	23.3503% [3]
11		
12	Impact to income taxes (-L8 x L10)	\$ (114)
13		
14	Impact to operating income (-L8 - L12)	\$ (376)

[1] NC2130-2 - Test Period Expenses, Line 8
[2] NC2310-5 -NCUC Fee Update
[3] NC1010-4 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust O&M for change in NCUC regulatory fee
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2130-2 Test Period Expenses
Page 1 of 1
Application

NCUC Base Rate Regulatory Fee in the Test Period

Line No.	Description	Total NC Retail (a)	[1] Less: Rider Revenue (b)	[2] Base Revenue (c) = (a)-(b)	Reg Fee % [3] (d)	Reg Fee (e) = (a)x(d)
1						
2	<u>Impact to Income Statement Line Items</u>					
3	<u>Other operation and maintenance expense:</u>					
4	Revenues subject to regulatory fee - Q4-2020	\$ 1,077,364	\$ (30,113)	\$ 1,107,476	0.1300%	\$ 1,440
5	Revenues subject to regulatory fee - Q1-2021	1,198,319	(37,232)	1,235,551	0.1300%	1,606
6	Revenues subject to regulatory fee - Q2-2021	1,054,131	(27,517)	1,081,647	0.1300%	1,406
7	Revenues subject to regulatory fee - Q3-2021	1,456,544	(18,333)	1,474,877	0.1300%	1,917
8	Revenues subject to reg fee for 2021 (Sum L4:L7)	<u>\$ 4,786,358</u>	<u>\$ (113,194)</u>	<u>\$ 4,899,551</u>		<u>\$ 6,369</u>

[1] NC2130-3 - Public Utility Regulatory Fee Reports - Revenues Subject to Regulatory Fee, Line 3 by Quarter

[2] NC2130-4 - Total Billed Rider Revenue, Line 12, to exclude so as to adjust for Base Revenue fees only in this proceeding

[3] NC2130-3 - Public Utility Regulatory Fee Reports - Statutory Regulatory Fee Percentage Rate, Line 4

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust O&M for change in NCUC regulatory fee
For the Test Period Ending December 31, 2021

E1-10
NC2130-3 Reg Fee Filings
Page 1 of 4
Application

Public Utility Regulatory Fee Reports - Revenues Subject to Regulatory Fee

DATE: 2/5/2021
PERIOD: Q4 2020

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

PUBLIC UTILITY REGULATORY FEE REPORT
FOR THE QUARTER ENDED December 31, 2020
(Second Quarter of Fiscal Year 2020-2021)

Docket Number: E-7
Duke Energy Carolinas, LLC
Attn: Nick Spero
550 S. Tryon Street - DEC43
Charlotte NC 28202

(Please Note Any Address Corrections)

Line No.	Description	Amount
1.	Total North Carolina Jurisdictional Revenues (See instruction No. 1 on reverse)	\$ 1,081,392,714.80
2.	Less revenues included on Line 1 determined to be uncollectible	\$ 4,028,727.00
3.	Revenues subject to regulatory fee (Line 1 minus Line 2)	\$ 1,077,363,987.80
4.	Statutory regulatory fee percentage rate	0.00130
5.	Amount of regulatory fee due (See instruction Nos. 2 & 3 on reverse)	\$ 1,400,573.18
6a.	ADJUSTMENT: Plus Additional Amount Due on Account	\$ -
6b.	ADJUSTMENT: Minus Credit on Account	\$ -
7.	FINAL AMOUNT PAID BY PAYMENT THIS QUARTER	\$ 1,400,573.18

CHECK NO. _____

If applicable, checks should be SIGNED and made payable to NC Dept of Commerce/Utilities Commission.

CERTIFICATION

I hereby certify that the information contained in this report is true to the best of my knowledge and belief.

CONTACT EMAIL ADDRESS

john.walters@duke-energy.com

John T. Walters Jr., Sr. Financial Analyst
Authorized Signature and Title

2/5/21

Date

John T. Walters Jr.
Contact Person (Please Print Clearly)

(704) 382-1387
Telephone Number

Note: This report and payment of the regulatory fees are due on or before February 15, 2021.

The Public Utility Regulatory Fee is Imposed pursuant to N.C. General Statute 62-302.

OFFICIAL COPY

Jan 19 2023

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust O&M for change in NCUC regulatory fee
For the Test Period Ending December 31, 2021

E1-10
NC2130-3 Reg Fee Filings
Page 2 of 4
Application

DATE: 5/10/2021
PERIOD: Q1 2021

**STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH**

**PUBLIC UTILITY REGULATORY FEE REPORT
FOR THE QUARTER ENDED March 31, 2021
(Third Quarter of Fiscal Year 2020-2021)**

Docket Number: E-7
Duke Energy Carolinas, LLC
Attn: Nick Speno
550 S. Tryon Street - DEC43
Charlotte NC 28202

(Please Note Any Address Corrections)

Line No.	Description	Amount
1.	Total North Carolina Jurisdictional Revenues (See instruction No. 1 on reverse)	\$ 1,203,025,008.72
2.	Less revenues included on Line 1 determined to be uncollectible	\$ 4,706,226.00
3.	Revenues subject to regulatory fee (Line 1 minus Line2)	\$ 1,198,318,782.72
4.	Statutory regulatory fee percentage rate	0.00130
5.	Amount of regulatory fee due (See instruction Nos. 2 & 3 on reverse)	\$ 1,557,814.42
6a.	ADJUSTMENT: Plus Additional Amount Due on Account	\$ -
6b.	ADJUSTMENT: Minus Credit on Account	\$ -
7	FINAL AMOUNT PAID BY PAYMENT THIS QUARTER	\$ 1,557,814.42

CHECK NO. _____

If applicable, checks should be SIGNED and made payable to NC Dept of Commerce/Utilities Commission.

CERTIFICATION

I hereby certify that the information contained in this report is true to the best of my knowledge and belief.

CONTACT EMAIL ADDRESS

john.walters@duke-energy.com

John T. Walters Jr. Sr. Financial Analyst
Authorized Signature and Title

5/10/2021
Date

John T. Walters Jr.
Contact Person (Please Print Clearly)

(704) 382-1387
Telephone Number

Note: This report and payment of the regulatory fees are due on or before May 15, 2021.

The Public Utility Regulatory Fee Is Imposed pursuant to N.C. General Statute 62-302.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust O&M for change in NCUC regulatory fee
For the Test Period Ending December 31, 2021

E1-10
NC2130-3 Reg Fee Filings
Page 3 of 4
Application

DATE: 8/10/2021
PERIOD: Q2 2021

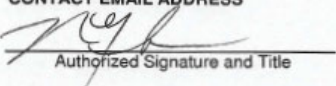
STATE OF NORTH CAROLINA UTILITIES COMMISSION RALEIGH		
PUBLIC UTILITY REGULATORY FEE REPORT FOR THE QUARTER ENDED June 30, 2021 (Fourth Quarter of Fiscal Year 2020-2021)		
Docket Number: E-7 Duke Energy Carolinas, LLC Attn: Nick Speros 550 S. Tryon Street - DEC43 Charlotte NC 28202		
(Please Note Any Address Corrections)		
Line No.	Description	Amount
1.	Total North Carolina Jurisdictional Revenues (See instruction No. 1 on reverse)	\$ 1,054,051,998.04
2.	Less revenues included on Line 1 determined to be uncollectible	\$ (78,776.00)
3.	Revenues subject to regulatory fee (Line 1 minus Line2)	\$ 1,054,130,774.04
4.	Statutory regulatory fee percentage rate	0.00130
5.	Amount of regulatory fee due (See instruction Nos. 2 & 3 on reverse)	\$ 1,370,370.01
6a.	ADJUSTMENT: Plus Additional Amount Due on Account	\$ -
6b.	ADJUSTMENT: Minus Credit on Account	\$ -
7	FINAL AMOUNT PAID BY PAYMENT THIS QUARTER	\$ 1,370,370.01

CHECK NO. _____

If applicable, checks should be SIGNED and made payable to NC Dept of Commerce/Utilities Commission.

CERTIFICATION

I hereby certify that the information contained in this report is true to the best of my knowledge and belief.

CONTACT EMAIL ADDRESS	<u>Nicholas.Speros@duke-energy.com</u>
 Authorized Signature and Title	<u>8/10/2021</u> Date
<u>Nick Speros</u> Contact Person (Please Print Clearly)	<u>(704) 382-2252</u> Telephone Number

Note: This report and payment of the regulatory fees are due on or before August 15, 2021.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust O&M for change in NCUC regulatory fee
For the Test Period Ending December 31, 2021

E1-10
NC2130-3 Reg Fee Filings
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Application

DATE: 11/09/2021
PERIOD: Q3 2021

STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH

PUBLIC UTILITY REGULATORY FEE REPORT
FOR THE QUARTER ENDED September 30, 2021
(First quarter of Fiscal Year 2021-2022)

Docket Number: E-7
Duke Energy Carolinas, LLC
Attn: Nick Speros
550 S. Tryon Street - DEC43
Charlotte NC 28202

(Please Note Any Address Corrections)

Line No.	Description	Amount
1.	Total North Carolina Jurisdictional Revenues (See instruction No. 1 on reverse)	\$ 1,456,544,036.00
2.	Less revenues included on Line 1 determined to be uncollectible	\$ 0.01
3.	Revenues subject to regulatory fee (Line 1 minus Line2)	\$ 1,456,544,035.99
4.	Statutory regulatory fee percentage rate	0.00130
5.	Amount of regulatory fee due (See instruction Nos. 2 & 3 on reverse)	\$ 1,893,507.25
6a.	ADJUSTMENT: Plus Additional Amount Due on Account	\$ -
6b.	ADJUSTMENT: Minus Credit on Account	\$ -
7	FINAL AMOUNT PAID BY PAYMENT THIS QUARTER	\$ 1,893,507.25

CHECK NO. _____

If applicable, checks should be SIGNED and made payable to NC Dept of Commerce/Utilities Commission.

CERTIFICATION

I hereby certify that the information contained in this report is true to the best of my knowledge and belief.

CONTACT EMAIL ADDRESS


Authorized Signature and Title

Nicholas Speros
Contact Person (Please Print Clearly)

Nicholas.Speros@duke-energy.com

11/09/2021
Date

704 382-2252
Telephone Number

Note: This report and payment of the regulatory fees are due on or before November 15, 2021.

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Jan 19 2023

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust O&M for change in NCUC regulatory fee
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2130-4 Rider Revenues
Page 1 of 1
Application

Total Billed Rider Revenues

Line No.	Description						
1							
2	<u>Fuel Rider Revenue [1]</u>	<u>Q4 2020</u>	<u>Q1 2021</u>	<u>Q2 2021</u>	<u>Q3 2021</u>	<u>Total</u>	
3							
4	REPS	\$ 7,384	\$ 7,148	\$ 7,398	\$ 7,799	\$ 29,728	
5	DSM/EE	47,624	56,144	46,611	62,779	\$ 213,158	
6	BPM Rider	(2,225)	(2,475)	(2,280)	(2,150)	\$ (9,130)	
7	CPRE	826	941	825	1,435	\$ 4,027	
8	Excess Deferred Income Tax - Federal	(50,620)	(60,262)	(52,503)	(83,948)	\$ (247,332)	
9	Excess Deferred Income Tax - State	(13,684)	(15,427)	(13,446)	(17,691)	\$ (60,247)	
10	Job Retention Rider	(4,603)	(5,191)	(3,873)	(107)	\$ (13,774)	
11	Fuel Increment/Decrement & EMF	(14,814)	(18,110)	(10,250)	13,551	(29,623)	
12	Total Rider Revenue for exclusion	\$ (30,113)	\$ (37,232)	\$ (27,517)	\$ (18,333)	\$ (113,194)	

[1] Duke Energy Carolinas Accounting

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust O&M for change in NCUC regulatory fee
For the Test Period Ending December 31, 2021

E1-10
NC2130-5 NCUC Fee Update
Page 1 of 1
Application

Notification of revised NCUC regulatory reporting fee [1]

Regulatory Fee Reporting

The regulatory fee legislation for public utilities and electric membership corporations was enacted by the North Carolina General Assembly to provide funding to pay the expenses incurred by the Commission and Public Staff in regulating public utilities in the interest of the using and consuming public. The regulatory fee requirements are administered in compliance with G.S. 62-302.

The Commission's Fiscal Management Division is responsible for the collection, deposit, accounting, and reporting of the regulatory fee for the Commission.

G.S. 62-302 and Commission Rule R-15 state in part that: "The regulatory fee imposed under this section is due and payable to the Commission on or before the 15th day of the second month following the end of each quarter. Each public utility subject to the regulatory fee shall on or before the date the fee is due for each quarter, prepare and render a report on a form prescribed by the Commission."

**** Effective July 1, 2022, the Regulatory Fee Percentage Rate will increase to 0.14% (0.0014) for state fiscal year 2022-2023. The two rates for the telephone subsection (h) and (m) companies will remain the same as .04% (.0004) and .02% (.0002) respectively.**

[1] Source: NCUC website

E1-10
NC2130-5 NCUC Fee Update
Page 1 of 1

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust for non-residential credit card fees
For the Test Period Ending December 31, 2021

E1-10
NC2140 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts operation and maintenance expenses for non-residential credit card fees costs by using 2021 transactions and applying a unit cost per transaction.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust for non-residential credit card fees
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC2140 Summary
Page 1 of 1
Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC2140-1	\$ 1,507
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC2140-1	(352)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 1,155
17			
18	Operating income (L3-L16)		\$ (1,155)
19	<u>Rate Base</u>	Source	Total NC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

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Line No.	Description	Total NC Retail
1	<u>Impact to Income Statement Line Items</u>	
2	NC non-residential credit card fee costs	
3	Non-residential credit card fees	\$ 1,529 [1]
4	Adjustment to O&M transaction costs included in Cost of Service	(22) [3]
5	Impact to O&M (L3 + L4)	<u>\$ 1,507</u>
6		
7	Statutory tax rate	23.3503% [2]
8	Impact to income taxes (-L5 x L7)	<u>\$ (352)</u>
9		
10	Impact to operating income (-L5 - L8)	<u><u>\$ (1,155)</u></u>

[1] NC2140-2 - Non-residential credit card fees - NC Retail, Line 3

[2] NC1010-4 2022 Calculation of Tax Rates, Line 10

[3] NC2140-3 - 2021 Non Residential Payments Processed - NC Non-residential Only, Line 18

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NC2140-2 Costs
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2021 Non-residential credit card fees - NC Retail

Line		Transactions		Cost per		NC Non-Residential
<u>No.</u>		<u>NC Non- Residential</u>		<u>transaction</u>		<u>2021 costs</u>
1						
2	2021 Transactions	179,847	[1]	\$ 8.50	[2]	1,528,700
3	Total					<u>\$ 1,528,700</u>

[1] 2021 Non Residential Payments Processed - NC Non-residential Only. See NC2140-3 Transactions, line 14.
[2] Contracted 3rd party fee

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2021 Non Residential Payments Processed - NC Non-residential Only

Line No.	Description	Total NC Retail
1	<u>Actual NC Non-Residential Transactions:</u>	
2	Jan 2021	17,615
3	Feb 2021	16,889
4	Mar 2021	17,038
5	Apr 2021	11,218
6	May 2021	11,090
7	Jun 2021	12,698
8	Jul 2021	16,158
9	Aug 2021	16,625
10	Sep 2021	16,191
11	Oct 2021	14,322
12	Nov 2021	14,403
13	Dec 2021	15,600
14	Total 2021 NC Residential Transactions (L2 through L13)	<u>179,847</u> [1]
15		
16	Increase in annualized NC non-residential credit card transactions (L14)	179,847
17	Payment processing cost per transaction - checks	\$ 0.12 [1]
18	Adjustment to O&M transaction costs included in COS (L16 x L17)	<u>\$ 21,582</u>

[1] Number of transactions and payment processing costs provided by Customer Support

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NC2150 Narrative
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E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts operating revenue, operation and maintenance expenses, depreciation expense, income taxes, electric plant in service, accumulated depreciation, working capital and accumulated deferred income taxes in the test period to adjust revenues, expenses and rate base based on the changes in the Charlotte real estate portfolio due to the new Duke Energy Plaza building.

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Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail	
			Application	
1	Sales of Electricity			
2	Other Revenue	NC2150-1		29,649
3	Electric operating revenue (L1+L2)		\$	29,649
4				
5	<u>Electric operating expenses:</u>			
6	Operation and maintenance:			
7	Fuel used in electric generation			
8	Purchased power			
9	Other operation and maintenance expense	NC2150-1	\$	3,646
10	Depreciation and amortization	NC2150-1		3,195
11	General taxes	NC2150-1		(31)
12	Interest on customer deposits			
13	EDIT Amortization			
14	Net income taxes	NC2150-1	\$	5,333
15	Amortization of investment tax credit			
16	Total electric operating expenses (sum(L7:L15))		\$	12,144
17				
18	Operating income (L3-L16)		\$	17,505
19	<u>Rate Base</u>	Source	Total NC Retail	
			Application	
20	Electric plant in service	NC2150-1	\$	(5,889)
21	Accumulated depreciation and amortization	NC2150-1	\$	1,837
22	Net electric plant in service (L20 + L21)		\$	(4,052)
23	Materials and supplies		\$	-
24	Total Working Capital	NC2150-1	\$	2,920
25	Accumulated deferred income taxes	NC2150-1	\$	(682)
26	Operating reserves		\$	-
27	Construction Work in Progress		\$	-
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$	(1,814)

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NC2150-1 Calculation
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Adjust test period for exiting older buildings and adding DE Plaza

Line No.	Description	Total System	NC Retail Allocation	Total NC Retail
1	<u>Impact to Income Statement Line Items</u>			
2	Increased inter-company rent revenue	\$ 43,469 [1]	68.2076% [8]	\$ 29,649
3				
4	Additional adjustment to remove impact of retirements on depr expense in case	\$ 4,688 [2]	68.1625% [9]	\$ 3,195
5				
6	Additional adjustment to remove impact of retirements on property tax in case	(45) [2]	68.1625% [9]	(31)
7				
8	Increased rent expense	\$ 9,533 [3]	68.2076% [8]	\$ 6,502
9	Decreased DEBS allocated depr expense	(4,362) [4]	68.2076% [8]	(2,975)
10	Increased property insurance	175 [5]	68.2076% [8]	119
11	Impact to operations and maintenance expense (Sum L8: L10)	\$ 5,346		\$ 3,646
12				
13	Statutory tax rate	23.3503% [6]		23.3503%
14				
15	Impact to income taxes ((L2 - L4 - L6 - L11) x L13)	\$ 7,818		\$ 5,333
16				
17	Impact to operating income (L2 - L4 - L6 - L11 - L15)	\$ 25,662		\$ 17,505
18				
19	<u>Impact to Rate Base Line Items</u>			
20	Additional adjustment to remove impact of retirements on plant in service in case	\$ (8,640) [2]	68.1625% [9]	\$ (5,889)
21	Additional adjustment to remove impact of retirements on accumulated depreciation in case	2,695 [2]	68.1625% [9]	1,837
22	Impact to Net Plant	\$ (5,945)		\$ (4,052)
23				
24	Remove building impairments included in account 0253920 in COS	\$ 6,066 [7]	48.1470% [10]	\$ 2,920
25				
26	Statutory tax rate	23.3503% [6]		23.3503%
27	Impact to accumulated deferred income taxes (-L24 x L26)	\$ (1,416)		\$ (682)
28				
29	Impact to rate base (L22 + L24 + L27)	\$ (1,296)		\$ (1,814)

- [1] NC2150-2 Rent Revenue
[2] NC2150-6 Asset Impacts of exiting buildings
[3] NC2150-3 Rent Expense
[4] NC2150-4 DEBS Depr Expense
[5] NC2150-5 Property Insurance
[6] NC1010-4 2022 Calculation of Tax Rates, Line 10
[7] Per Asset Accounting
[8] NC Retail Allocation - All - Labor - Jur
[9] NC Retail Allocation - All - General Plant - Jur
[10] NC Retail Allocation - All - Transmission Demand - Jur

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NC2150-2 Rent Revenue
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Adjust test period DEC Inter- Company revenue

Line No.	Description	2021 [1]	2023 [1]	Adjustment
1	DEBS - 526 S. Church, 401 S. College and Charlotte Cust Call Center	\$ 13,881	\$ 3,563 [2]	\$ (10,318)
2	DEBS - DE Plaza	-	45,725	45,725
3	Piedmont - DE Plaza	-	4,306	4,306
4	Comm Enterprise - DE Plaza	-	348	348
5	DE Florida - DE Plaza	-	174	174
6	DE Indiana - DE Plaza	-	154	154
7	DE Progress - DE Plaza		3,080	3,080
8	Total DEC Inter-Company Rent Revenue (Sum L1 : L7)	\$ 13,881 [3]	\$ 57,349	\$ 43,469
9				
10	Estimated increased in inter-company rent revenue due to the new DE Plaza building			\$ 43,469

[1] Per service company accounting

[2] DE Carolinas will still own the Charlotte Customer Call Center

[3] DEC inter-company rent revenue is charged to account 0454105

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NC2150-2 Rent Revenue
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NC2150-3 Rent Expense
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Adjust test period rent expense

Line No.	Description	DEBS Expense Acct 0931001 2021 [1]	DEBS OH Loader Acct 0930200 2021 [1]	DEBS Net Expense 2021	OU DERE DEC Allocation [3]	DEC Direct Net Rent Expense 2021	DEBS Expense Acct 0931001 2023 [1]	DEBS OH Loader Acct 0930200 2023 [1]	DEBS Net Expense 2023	OU DERE DEC Allocation [3]	DEC Direct Net Rent Expense 2023
1	<u>DEBS Rent Expense</u>										
2	400 South Tryon	\$ 12,051	\$ (8,074)	\$ 3,977	41.53%	\$ 1,652	\$ 9,386	\$ (6,288)	\$ 3,097	40.54%	\$ 1,256
3	526 S. Church, 401 S. College and Charlotte Cust Call Center	13,881	(9,300)	4,581	41.53%	1,902	3,563	(2,387)	1,176	40.54%	477
4	550 South Tryon	7,243	(4,853)	2,390	41.53%	993	-	-	-	40.54%	-
5	Piedmont Towncenter	1,716	(1,149)	566	41.53%	235	2,423	(1,624)	800	40.54%	324
6	Duke Energy Plaza	-	-	-	41.53%	-	53,005	(35,513)	17,491	40.54%	7,091
7	Charlotte Rent Expense (Sum L2 : L6)	\$ 34,891	\$ (23,377)	\$ 11,514		\$ 4,782	\$ 68,376	\$ (45,812)	\$ 22,564		\$ 9,148
8											
9											
10			DEBS OH Loader Various Accts.	DEBS Labor DEC Allocation [1]		DEC Allocated Rent Expense 2021		DEBS OH Loader Various Accts. 2023 [1]		DEBS Labor DEC Allocation [1]	DEC Allocated Rent Expense 2023
12	<u>DEBS Rent Expense</u>										
13	400 South Tryon		\$ 8,074	41.53%	\$ 3,353			\$ 6,288		40.54%	\$ 2,549
14	526 S. Church, 401 S. College and Charlotte Cust Call Center		9,300	41.53%	3,862			2,387		40.54%	968
15	550 South Tryon		4,853	41.53%	2,016			-		40.54%	-
16	Piedmont Towncenter		1,149	41.53%	477			1,624		40.54%	658
17	Duke Energy Plaza		-	41.53%	-			35,513		40.54%	14,397
18	Charlotte Rent Expense (Sum L13 : L17)		\$ 23,377		\$ 9,708			\$ 45,812			\$ 18,572
19											
20	Percent of incurred labor costs charged to electric expense					58.29% [2]					58.29% [2]
21											
22	Estimated amount of rent expense allocated to DEC O&M as a labor overhead (L18 x L20)					\$ 5,659					\$ 10,826
23											
24	Estimated amount of Charlotte rent expense (L7 + L22)					\$ 10,441					\$ 19,973
25											
26	Rent expense adjustment										\$ 9,533

[1] Per service company accounting

[2] NC2050-1 Normalize O&M labor expenses- DEC

[3] NC2150-7 - Service Company Cost Allocation Details

NC2150-3 Rent Expense
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NC2150-4 DEBS Depr Expense
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Adjust test period DEBS allocated depreciation expense

Line No.	Description	DEBS Depreciation Expense 2021	OU DDEP DEC [1] Allocation [1]	DEC DEBS Allocated Depr Expense 2021
1	<u>DEBS Depreciation Expense</u>			
2	526 S.Church	\$ 15	33.91% [2]	\$ 5
3	401 S. College	11,592	33.91%	3,931
4	Mint St. Garage	<u>1,256</u>	33.91%	<u>426</u>
5	DEBS Depreciation Expense (Sum L2 : L4)	\$ 12,862 [3]		\$ 4,362
6				
7	DEBS depreciation expense adjustment due to exiting Charlotte buildings			<u><u>\$ (4,362)</u></u>

[1] Per service company accounting

[2] NC2150-7 - Service Company Cost Allocation Details

[3] DEBS allocated depreciation expense is charged to account 0921980

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NC2150-5 Property Insurance
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Adjust test period DEC Property Insurance

Line No.	Description	526 S. Church	401 S. College	Mint St. Garage	DE Plaza	Total
1	<u>Original Plant in Service Balances at 12/31/2021</u>					
2	Land and Land Rights	\$ 2,424 [1]	\$ 1,800 [1]	\$ 3,233 [1]	\$ 28,474 [1]	
3	Structures and Improvements	117,831 [1]	65,859 [1]	0 [1]		
4	Total Plant Balance (L2 + L3)	\$ 120,255	\$ 67,659	\$ 3,233	\$ 28,474	
5						
6	Insurance Rate at \$.004 per \$100 valuation	\$ 0.03864 [2]	\$ 0.03864 [2]	\$ 0.03864 [2]	\$ 0.03864 [2]	
7						
8	2021 Property Insurane (L4/100 x L6)	\$ 46	\$ 26	\$ 1	\$ 11	\$ 85
9						
10	<u>Estimated Original Plant in Service Balances at 7/31/2023</u>					
11	Land and Land Rights				\$ 28,474 [1]	
12	Structures and Improvements				644,419 [3]	
13	Total Plant Balance (L11 + L12)	\$ -	\$ -	\$ -	\$ 672,893	
14						
15	Insurance Rate at \$.004 per \$100 valuation				\$ 0.03864 [2]	
16						
17	2023 Property Insurane (L13/100 x L15)	\$ -	\$ -	\$ -	\$ 260	\$ 260
18						
19	Estimated adjustment to property insurance	\$ (46)	\$ (26)	\$ (1)	\$ 249	\$ 175

- [1] Per Asset Accounting
[2] Per service company accounting
[3] Forecasted additions per financial planning

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NC2150-5 Property Insurance
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NC2150-6 Asset Impacts
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Asset Impacts of exiting buildings

Line No.	Description	Plant in Service 12/31/2021	Current Rate	Calculated Annual Accrual	Actual 12ME Depr Booked	Difference
1	<u>Impact to Income Statement Line Items</u>					
2	General Plant - Non-depr Land	\$ 6,910 [1]	0.00% [2]	\$ -	\$ - [1]	\$ -
3	General Plant - Rights of Way	546 [1]	1.50% [2]	8	8 [1]	-
4	General Plant - Structures	183,690 [1]	3.06% [2]	5,621	5,107 [1]	514
5	Impact of old building assets to depr exp in NC3010 (Sum L2 : L4)	\$ 191,146		\$ 5,629	\$ 5,115	\$ 514
6						
7						
8						
9						
10						
11	General Plant - Non-depr Land	\$ 6,910 [1]	0.00% [2]	\$ -	0.00% [3]	\$ -
12	General Plant - Rights of Way	546 [1]	1.50% [2]	8	1.31% [3]	7 (1)
13	General Plant - Structures	183,690 [1]	3.06% [2]	5,621	2.72% [3]	4,996 (625)
14	Impact of old building assets to depr exp in NC3040 (Sum L11 : L13)	\$ 191,146		\$ 5,629	\$ 5,004	\$ (626)
15						
16						
17						
18						
19						
20	Impact of old building retirements to depr exp in NC3030	\$ (182,507) [4]			Proposed Rate 5.31% [5]	Depr. Exp (9,691)
21						
22	Actual test year depreciation expense of old buildings (L5)					\$ 5,115 [1]
23	Impact to depreciation and amortization (L5 + L14 + L20 + L22)					\$ (4,688)
24						
25	Additional adjustment needed for depr expense (-L23)					\$ 4,688
26						
27	Additional retirements needed (L33)					\$ (8,640)
28	Average property tax rate-Combined NC and SC					0.5223% [5]
29	Additional adjustment needed for property tax (L27 x L28)					\$ (45)
30						

NC2150-6 Asset Impacts
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Asset Impacts of exiting buildings

Line No.	Description	Forecasted Net Change through 7/31/2023	Adjustment Amount
31	Impact to Rate Base Line Items		
32	Impact of old buildings to electric plant in service in NC3030	\$ (182,507) [4]	\$ (182,507)
33	Additional retirements needed to remove balance at 12/31/2021 (-L5 - L32)	(8,640)	(8,640)
34	Impact of old building retirements to electric plant in service (L32 + L33)	\$ (191,146)	\$ (191,146)
35			
36	Impact of old buildings to accumulated depreciation in NC3030-3	\$ 75,677 [4]	\$ 75,677
37	Additional adjustments needed to remove balance at 12/31/2021	9,083 [4]	9,083
38	Impact of old building retirements to accumulated depreciation (L36 + L37)	\$ 84,760	\$ 84,760
39			
40			
41		Forecasted Plant	
42		in Service	
43		7/31/2023	
44	General Plant - Non-depr Land	\$ (3,575) [4]	
45	General Plant - Structures	(178,932) [4]	
46	Impact of old building retirements to accum depr in NC3030-5 (-L44 - L45)	\$ (182,507)	
47			
48	Total additional adjustment needed for accumulated depreciation (L37 - L46)		\$ 2,695
49			
50	Impact to accumulated depreciation (L36 + L46 + L48)		\$ 84,760
51			
52	Total net plant - additional adjustments needed in this proforma (L33 + L48)		(5,945)
53			
54	Total net plant impact of retiring old buildings (L32 + L50)		\$ (106,386)

[1] Per Asset Accounting

[2] NC3010-2 - Adjustment to Annualize Depreciation Expense at December 31, 2021

[3] Spanos Exhibit 1, 2021 Depreciation Study

[4] Provided by Financial Planning

[5] NC3030-1 - Adjust for post test year additions to plant in service

[6] Assumed retirements happened September 2022 in forecast, so only would include 2 months of depreciation expense

NC2150-6 Asset Impacts
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NC2150-7 CAM
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Service Company Cost Allocation Details

Line

No.	Description	Total DEC
1		
2	2021 CAM - DERE	41.53%
3	2021 CAM - DDEP	33.91%

5	2021 SERVICE COMPANY COST ALLOCATION DETAILS COST ALLOCATIONS IN SERVICE AGREEMENTS															Comm Trans- Elec	Total Electric Utilities
6																	
7																	
8																	
9																	
10	Function	Function Description	Allocation Method	Operating		Allocation		St									
11				Unit (OU)	Function	OU Description	Pool	Cd									
12																	
13	Facilities	Operates and maintains office and service buildings. Provides security and housekeeping services for such buildings and procures office furniture and equipment.	Square Footage Ratio	GORE	Facilities	RE Facility Svcs CLT GO	CLTSQFFAC	S27	51.43	34.49	0.82	0.38	-	0.02	-	87.14	
14				CNRE	Facilities	RE Fac Svcs - Cincinnati	CINSQFFAC	S50	21.52	14.43	-	7.48	-	13.35	-	56.78	
15				PLRE	Facilities	RE Fac Svcs - Plainfield	PLDSQFFAC	S51	16.52	11.08	0.76	69.02	-	-	-	97.38	
16				MWRE	Facilities	RE Facility Services MW Utility	UTMSQFFAC	S71	-	-	-	62.54	3.10	20.09	-	85.73	
17				DERE	Facilities	RE Facility Services Ent DE	DENT3FFAC	D39	41.53	27.84	16.91	3.84	-	0.50	-	90.62	
18	Accounting	Maintains the books and records of Duke Energy Corporation and its affiliates, prepares financial and statistical reports, prepares tax filings and supervises compliance with the laws and regulations.	Three Factor Formula	DGAC	Accounting	Accounting Gvrnce	DGOV3FFACT	D61	33.90	22.69	17.12	10.13	1.15	3.59	0.01	88.59	
19				DGVP	Accounting	VSP - Governance DE	DGOV3FFVSP	D63	36.08	24.12	18.20	10.78	1.22	3.81	0.01	94.22	
20				PGVP	Accounting	VSP - Governance	PRGV3FFVSP	P63	-	56.91	43.09	-	-	-	-	100.00	
21				DEAC	Accounting	Accounting Svcs Ent DE	DENT3FFACT	D03	33.91	22.69	17.12	10.13	1.15	3.59	0.01	88.60	
22				UTAC	Accounting	Acctg Svcs Utility	UTI3FFACT	S09	35.09	23.46	17.72	10.51	1.19	3.72	0.01	91.70	
23				UMAC	Accounting	Acctg Svcs Util MW FE&G only	UTM3FFACT	S53	-	-	-	60.82	6.80	20.95	-	88.57	
24				DDEP	Accounting	DEBS Depreciation DE	DENT3FFDEP	D49	33.91	22.69	17.12	10.13	1.15	3.59	0.01	88.60	

2022 CAM - DERE 40.54%

2022 SERVICE COMPANY COST ALLOCATION DETAILS COST ALLOCATIONS IN SERVICE AGREEMENTS														Total Comm Trans- Elec	Total Electric Utilities
Function	Function Description	Allocation Method	Operating Unit (OU)	Function	OU Description	Allocation Pool	St Cd	Total DEC	Total DEP	Total DEF	DEI Total	DEK Total	DEO Total		
Facilities	Operates and maintains office and service buildings. Provides security and housekeeping services for such buildings and procures office furniture and equipment.	Square Footage Ratio	GORE	Facilities	RE Facility Svcs CLT GO	CLTSQFFAC	S27	48.62	33.97	0.67	0.34	-	0.03	-	83.63
			CNRE	Facilities	RE Fac Svcs - Cincinnati	CINSQFFAC	S50	18.49	12.92	-	9.45	-	10.27	-	51.13
			PLRE	Facilities	RE Fac Svcs - Plainfield	PLDSQFFAC	S51	13.30	9.30	1.24	72.57	-	-	-	96.41
			MWRE	Facilities	RE Facility Services MW Utility	UTMSQFFAC	S71	-	-	-	46.46	3.28	29.88	-	79.62
			DERE	Facilities	RE Facility Services Ent DE	DENT3FFAC	D39	40.54	28.33	13.31	5.07	-	0.37	-	87.62

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NC2150-7 CAM
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NC3010 Narrative
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E1-10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro-forma annualizes depreciation expense, income taxes, and amortization of investment tax credit to reflect a full year's level of depreciation on plant in service as of the end of the test period.

The impact to depreciation expense is determined by multiplying current depreciation rates times the level of plant in service as of the end of the test period and then subtracting actual depreciation expense booked during the test period.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

The impact to amortization of investment tax credit reflects the difference between actual amortization booked during the test period and the new annual level of amortization based on the new depreciation study.

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NC3010 Summary
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Line No	Impacted Income Statement Line Items	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	NC3010-1	(4,275)
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC3010-1	\$ 998
15	Amortization of investment tax credit	NC3010-1	\$ 81
16	Total electric operating expenses (sum(L7:L15))		\$ (3,196)
17			
18	Operating income (L3-L16)		\$ 3,196

		Source	Total NC Retail Application
19	<u>Rate Base</u>		
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

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Line No.	Description	Total System	NC Retail Allocation	Total NC Retail
1	<u>Depreciation and amortization</u>			
2	Production (NC3010-2 Col E; Line 35) - L3 - L4	\$ (25,466)	66.9690% [1]	\$ (17,054)
3	Production Contra ADC - NC (NC3010-2 Col E; Line 33)	(1,052)	100.0000%	(1,052)
4	Production Contra ADC - SC (NC3010-2 Col E; Line 34)	(55)	0.0000%	-
5	Production Direct assigned to NC (NC3010-2 Col E; Line 4)	353	100.0000%	353
6	Production Direct assigned to SC (NC3010-2 Col E; Line 5)	2,413	0.0000%	-
7	Transmission (NC3010-2 Col E; Line 49) - L10 - L11	19,583	48.1470% [2]	9,429
8	Transmission Contra ADC - NC (NC3010-2 Col E; Line 44)	(1)	100.0000%	(1)
9	Transmission Contra ADC - SC (NC3010-2 Col E; Line 45)	(8)	0.0000%	-
10	Transmission Direct assigned to NC (NC3010-2 Col E; Line 41)	-	100.0000%	-
11	Transmission Direct assigned to SC (NC3010-2 Col E; Line 42)	1,034	0.0000%	-
12	NC Distribution (NC3010-2 Col E; Line 53) - L13	5,539	99.6277% [3]	5,518
13	Distribution Direct assigned to NC (NC3010-2 Col E; Line 51)	514	100.0000%	514
14	SC Distribution (NC3010-2 Col E; Line 57) - L15	2,084	0.0000% [8]	-
15	Distribution Direct assigned to SC (NC3010-2 Col E; Line 56)	3,189	0.0000%	-
16	General (NC3010-2 Col E; Line 77) - L17	(2,210)	68.1625% [4]	(1,506)
17	General Direct assigned to SC (NC3010-2 Col E; Line 74)	5,839	0.0000%	-
18	General Contra ADC - SC (NC3010-2 Col E; Line 76)	7	0.0000%	-
19	Intangible (NC3010-2 Col E; Line 84)	-	69.5124% [5]	-
20	Adjust to depreciation and amortization (Sum L2 through L19)	\$ 11,763		\$ (3,800)
21				
22	Adjust to deprec. and amort. for costs recovered in riders	\$ (694) [9]		\$ (474) [9]
23				
24	Impact to depreciation and amortization (L20 + L22)	\$ 11,069		\$ (4,275)
25				
26	Statutory tax rate	23.3503% [6]		23.3503% [6]
27				
28	Impact to income taxes (-L26 x L24)	\$ (2,585)		\$ 998
29				
30	Impact to amortization of investment tax credit	\$ (102) [7]		\$ 81 [7]
31				
32	Impact to operating income (-L24 - L28 - L30)	\$ (8,383)		\$ 3,196

[1] NC Retail Allocation Factor - All - Production Demand - Jur

[2] NC Retail Allocation Factor - All - Transmission Demand - Jur

[3] NC Retail Allocation Factor - NC - Dist Plant - Jur

[4] NC Retail Allocation Factor - All - General Plant - Jur

[5] NC Retail Allocation Factor - All - Intangible Plant - Jur

[6] NC1010-4 2022 Calculation of Tax Rates, Line 10

[7] NC3010-4 - Amortization of investment tax credit

[8] NC Retail Allocation Factor - SC - Dist Plant - Jur

[9] NC3010-3 Adjustment to Annualize Depreciation Expense at 12/31/21 - Costs recovered through riders

Note: Totals may not foot due to rounding

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NC3010-1 Calculation
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NC3010-2 Depreciation
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Adjustment of Depreciation Expense to Reflect Plant in Service for 12 Months Ended December 31, 2021

Line No.	Function	(A) Gross Plant in Service 12/31/2021	(B) Depr Rate	(C) Current Rates Calculated Accrual	(D) Actual 12ME Depr Booked	(E) Difference
1	<u>STEAM: [1]</u>					
2	STEAM PLANT	\$ 8,596,811,934	3.85%	\$ 331,284,190	\$ 328,428,393	\$ 2,855,797
3	LAND RIGHTS - STEAM [2]	2,003,856	0.00%	-	-	-
4	NC DEFERRALS - STEAM	-	3.85%	-	(352,546)	352,546
5	SC DEFERRALS - STEAM	-	3.85%	-	(2,413,129)	2,413,129
6	Total Steam	<u>\$ 8,598,815,790</u>		<u>\$ 331,284,190</u>	<u>\$ 325,662,718</u>	<u>\$ 5,621,473</u>
7						
8	<u>NUCLEAR: [1]</u>					
9	NUCLEAR PLANT	\$ 9,130,612,875	2.13%	\$ 194,502,834	\$ 219,204,459	\$ (24,701,625)
10	LAND RIGHTS - NUCLEAR	956,542	1.69%	16,176	10,108	6,067
11	SC DEFERRALS - NUCLEAR	-	2.13%	-	-	-
12	Total Nuclear	<u>\$ 9,131,569,416</u>		<u>\$ 194,519,010</u>	<u>\$ 219,214,567</u>	<u>\$ (24,695,557)</u>
13						
14	<u>HYDRO: [1]</u>					
15	HYDRAULIC PLANT	\$ 2,508,338,881	2.00%	\$ 50,119,327	\$ 47,904,002	\$ 2,215,325
16	LAND RIGHTS - HYDRO	23,315,583	0.62%	144,192	144,696	(503)
17	SC DEFERRALS - HYDRO	-	2.00%	-	-	-
18	Total Hydro	<u>\$ 2,531,654,464</u>		<u>\$ 50,263,520</u>	<u>\$ 48,048,698</u>	<u>\$ 2,214,822</u>
19						

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Line No.	Function	(A) Gross Plant in Service 12/31/2021	(B) Depr Rate	(C) Current Rates Calculated Accrual	(D) Actual 12ME Depr Booked	(E) Difference
20	OTHER PRODUCTION: [1]					
21	OTHER (CT's)	\$ 3,043,507,658	3.07%	\$ 93,328,326	\$ 101,056,516	\$ (7,728,190)
22	OTHER (SOLAR-Mocksville)	31,793,561	5.09%	1,619,077	1,593,626	25,451
23	OTHER (SOLAR-Monroe)	107,411,596	5.06%	5,437,969	5,436,061	1,908
24	OTHER (SOLAR-Woodleaf)	13,910,619	4.94%	687,174	609,275	77,899
25	OTHER (SOLAR-Gaston)	38,771,370	5.15%	1,996,560	1,915,651	80,908
26	OTHER (SOLAR-Maiden Creek)	86,457,280	5.14%	4,442,136	3,890,208	551,928
27	OTHER (SOLAR-OLD)	29,046,186	5.76%	1,673,801	1,632,024	41,776
28	OTHER NC DEFERRALS	-	3.07%	-	-	-
29	OTHER SC DEFERRALS	-	3.07%	-	-	-
30	Total Other Production	\$ 3,350,898,269		\$ 109,185,044	\$ 116,133,362	\$ (6,948,318)
31						
32	TOTAL PRODUCTION INCLUDING CONTRA	\$ 23,612,937,939		\$ 685,251,764	\$ 709,059,345	\$ (23,807,581)
33	PRODUCTION CONTRA ADC - NC	\$ (117,560,469)		\$ (4,655,395)	\$ (3,603,345)	\$ (1,052,050)
34	PRODUCTION CONTRA ADC - SC	(103,462,111)		(3,513,411)	(3,458,022)	(55,389)
35	TOTAL PRODUCTION EXCLUDING CONTRA	\$ 23,833,960,519		\$ 693,420,570	\$ 716,120,711	\$ (22,700,141)
36						
37	TRANSMISSION: [1]					
38	TRANSMISSION OTHER	\$ 4,768,540,555	2.23%	\$ 106,292,693	\$ 86,637,251	\$ 19,655,442
39	TRANSMISSION RIGHT OF WAY	163,883,264	1.03%	1,687,998	1,769,355	(81,357)
40	TEP [3]	(8,502,099)	0.00%	(646,591)	(646,591)	-
41	NC DEFERRALS - TRANSMISSION	-	2.23%	-	-	-
42	SC DEFERRALS - TRANSMISSION	-	2.23%	-	(1,034,075)	1,034,075
43	TOTAL TRANSMISSION INCLUDING CONTRA	\$ 4,923,921,719		\$ 107,334,100	\$ 86,725,940	\$ 20,608,160
44	TRANSMISSION CONTRA ADC - NC	\$ (1,028,277)	2.23%	\$ (22,921)	\$ (21,902)	(1,018)
45	TRANSMISSION CONTRA ADC - SC	(3,306,899)	2.23%	(73,712)	(66,022)	(7,690)
46	TOTAL TRANSMISSION EXCLUDING CONTRA	\$ 4,928,256,895		\$ 107,430,733	\$ 86,813,864	\$ 20,616,869
47						
48	DISTRIBUTION: [1]					
49	A. NC OTHER	\$ 10,689,502,417	2.18%	\$ 233,414,407	\$ 227,530,395	\$ 5,884,011
50	B. NC - R/W	8,655,156	1.26%	108,730	110,649	(1,919)
51	C. NC DEFERRALS	-	2.18%	-	(514,172)	514,172
52	NC Storm Securitization Asset	18,575,195		-	343,455	(343,455)
53	Subtotal Distribution NC	\$ 10,716,732,767		\$ 233,523,137	\$ 227,470,327	\$ 6,052,809
54	D. SC OTHER	\$ 3,689,201,496	2.18%	\$ 80,556,863	\$ 78,471,996	2,084,866
55	E. SC - R/W	1,235,343	1.26%	15,519	16,181	(662)
56	F. SC DEFERRALS	-	2.18%	-	(3,189,191)	3,189,191
57	Subtotal Distribution SC	\$ 3,690,436,839		\$ 80,572,382	\$ 75,298,986	\$ 5,273,395
58	TOTAL DISTRIBUTION INCLUDING CONTRA	\$ 14,407,169,606		\$ 314,095,518	\$ 302,769,313	\$ 11,326,205
59	DISTRIBUTION CONTRA ADC - SC	\$ (764,635)		\$ (17,311)	\$ (15,616)	(1,695)
60	TOTAL DISTRIBUTION EXCLUDING CONTRA	\$ 14,407,934,241		\$ 314,112,829	\$ 302,784,929	\$ 11,327,900

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Line No.	Function	(A) Gross Plant in Service 12/31/2021	(B) Depr Rate	(C) Current Rates Calculated Accrual	(D) Actual 12ME Depr Booked	(E) Difference	
61	GENERAL: [1]						
62	EDP COMPUTER	\$ 110,038,171	12.50%	13,754,771	\$ 16,317,264	\$ (2,562,492)	
63	STRUCTURES / LEASE IMPRVMT	733,020,112	3.06%	22,430,415	22,580,453	(150,037)	
64	VEHICLES [5]	15,532,602	2.30%	-	-	-	
65	CONST EQUIP [5]	19,658,993	0.18%	-	-	-	
66	DGENLAND	550,292	1.50%	8,254	8,277	(22)	
67	FURNITURE AND EQPMT	66,092,486	6.67%	4,408,369	4,355,259	53,110	
68	STORES EQUIPMENT	852,002	5.00%	42,600	39,976	2,624	
69	TOOLS, SHOPS & GARAGE EQPMT	128,793,457	5.00%	6,439,673	6,233,345	206,328	
70	LABORATORY EQUIPMENT	2,813,356	6.67%	187,651	323,244	(135,594)	
71	POWER OPERATED EQUIPMENT	14,611,554	0.18%	26,301	358,814	(332,513)	
72	COMMUNICATION EQUIPMENT	255,017,410	10.00%	25,501,741	24,805,725	696,016	
73	MISCELLANEOUS EQUIPMENT	15,146,583	5.00%	757,329	737,792	19,537	
74	SC DEFERRALS	-	0.00%	-	(5,839,333)	5,839,333	
75	TOTAL GENERAL PLANT INCLUDING CONTRA	\$ 1,362,127,019		\$ 73,557,105	\$ 69,920,815	\$ 3,636,290	
76	GENERAL PLANT CONTRA ADC - SC	\$ (308,970)		\$ (20,608)	\$ (27,681)	\$ 7,073	
77	TOTAL GENERAL PLANT EXCLUDING CONTRA	\$ 1,362,435,989		\$ 73,577,713	\$ 69,948,496	\$ 3,629,216	
78							
79	INTANGIBLE [2]						
80	AINT (Software)	\$ 978,611,836	various	\$ 64,218,331	\$ 64,218,331	\$ -	[4]
81	AINT (Software)	192,308,418	various	5,332,016	5,332,016	-	[4]
82	AFCNPL (Franchise Fees)	35,256,713	various	1,615,880	1,615,880	-	[4]
83	AFEANPL (Feasibility Study)	-	various	-	-	-	
84	TOTAL INTANGIBLE PLANT INCLUDING CONTRA	\$ 1,206,176,967		\$ 71,166,227	\$ 71,166,227	\$ -	
85	INTANGIBLE PLANT CONTRA ADC - SC	\$ (9,048,331)		\$ (404,598)	\$ (404,598)	\$ -	
86	TOTAL INTANGIBLE PLANT EXCLUDING CONTRA	\$ 1,215,225,299		\$ 71,570,824	\$ 71,570,824	\$ -	
87							
88							
89							
90	TOTAL PLANT-IN-SERVICE	\$ 45,512,333,250		\$ 1,251,404,713	\$ 1,239,641,640	\$ 11,763,073	[7]
91	Total Contra ADC	\$ (234,451,415)		\$ (8,685,035)	\$ (7,575,283)	\$ (1,109,752)	
92	TOTAL PLANT-IN-SERVICE EXCLUDING CONTRA	\$ 45,746,784,666		\$ 1,260,089,748	\$ 1,247,216,922	\$ 12,872,826	[8]

[1] Total Plant-in Service excludes Non-Depreciable Assets and the Capitalized Asset Retirement Costs related to FAS 143.

[2] Fossil land rights, along with some Intangible and Hydro assets are fully depreciated/amortized and no longer accrue any expense.

[3] The TEP credit is due to an impairment recorded as part of the Progress Merger.

[4] The per book intangible amount reflects a representative level of amortization expense on a go forward basis.

[5] Depreciation expense on vehicles and construction equipment is recorded to 803 accounts, therefore it is excluded above.

[6] The calculated accrual column above assumes 12 months of depreciation. If any assets were added during the 12 month period, depreciation would be calculated based on the in-service date in the actual 12me depr booked column above.

[7] Sum of L32, L43, L58, L75, L84

[8] Sum of L35, L46, L60, L77, L86

Source: Asset Accounting

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Adjustment to Annualize Depreciation Expense at 12/31/21 - Costs recovered through riders

Line No.	Description	(A) Gross Plant in Service 12/31/2021	(B) Depr Rate	(C) Current Rates Calculated Accrual	(D) Actual 12ME Depr Booked	Difference	System Adjustment	NC Retail Allocation	Total NC Retail
1	Solar PVDG	\$ 29,046,186	5.76%	\$ 1,673,801	\$ 1,632,024	\$ 41,776 [1]	\$ (16,919)	66.9690% [8]	\$ (11,331)
2	Solar Monroe	107,411,596	5.06%	5,437,969	5,436,061	1,908 [2]	(78)	66.9690% [8]	(52)
3	Solar Mocksville	31,793,561	5.09%	1,619,077	1,593,626	25,451 [3]	(942)	66.9690% [8]	(631)
4	Solar Woodleaf	13,910,619	4.94%	687,174	609,275	77,899 [4]	(2,882)	66.9690% [8]	(1,930)
5	Solar Gaston	38,771,370	5.15%	1,996,560	1,915,651	80,908 [5]	(80,908)	66.9690% [8]	(54,183)
6	Solar Maiden Creek	86,457,280	5.14%	4,442,136	3,890,208	551,928 [6]	(551,928)	66.9690% [8]	(369,620)
7	CPRE - Transmission plant	3,244,496	2.23%	72,321	65,089	7,232 [7]	(7,232)	48.1470% [9]	(3,482)
8	CPRE - NC Distribution plant	3,553,058	2.18%	77,584	44,339	33,245 [7]	(33,245)	99.6277% [10]	(33,122)
9	Total Solar above (Sum L1:L6)	\$ 314,188,165		\$ 16,006,623	\$ 15,186,273	\$ 820,349	\$ (694,136)		\$ (474,352)

- [1] Per NC2030-3.1 REPS, 40.50% of Solar PVDG costs are collected in the REPS rider and should be excluded for purposes of this analysis.
[2] Per NC2030-3.1 REPS, 4.10% of Solar Monroe costs are collected in the REPS rider and should be excluded for purposes of this analysis.
[3] Per NC2030-3.1 REPS, 3.70% of Solar Mocksville costs are collected in the REPS rider and should be excluded for purposes of this analysis.
[4] Per NC2030-3.1 REPS, 4.10% of Solar Woodleaf costs are collected in the REPS rider and should be excluded for purposes of this analysis.
[5] Per NC2030-10.2 CPRE, 100% of Solar Gaston costs are collected in the CPRE rider and should be excluded for purposes of this analysis.
[6] Per NC2030-10.2 CPRE, 100% of Solar Maiden Creek costs are collected in the CPRE rider and should be excluded for purposes of this analysis.
[7] Per NC2030-10.2 CPRE, 100% of network upgrades related to late/advanced stage solar costs are collected in the CPRE rider and should be excluded for purposes of this analysis.
[8] NC Retail Allocation Factor - All - Production Demand - Jur
[9] NC Retail Allocation Factor - All - Transmission Demand - Jur
[10] NC Retail Allocation Factor - NC - Dist Plant - Jur

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Amortization of Investment Tax Credit by Function

Line No.	Description	2021 Amortization	2022 Amortization	Adjustment	NC Retail Allocation	Total NC Retail
1	DISTRIBUTION	\$ (393,343)	\$ (375,006)	\$ 18,337	74.0820% [1]	\$ 13,584
2	HYDRO	(1,237,569)	(1,204,025)	33,544	66.9690% [2]	22,464
3	NUCLEAR	(869,985)	(823,825)	46,159	66.9690% [2]	30,912
4	OTHER PROD	(610)	(263)	347	66.9690% [2]	233
5	STEAM PROD	(13,590)	-	13,590	66.9690% [2]	9,101
6	TRANSMISSION	(357,709)	(347,874)	9,835	48.1470% [3]	4,735
7	SOLAR - CPRE NC Retail	(945,095)	(1,139,541)	(194,446)	0.0000% [4]	-
8	SOLAR - CPRE Wholesale	(141,721)	(170,878)	(29,158)	0.0000%	-
9	Total ITC (Sum L1:L8)	<u>\$ (3,959,621)</u>	<u>\$ (4,061,412)</u>	<u>\$ (101,792)</u>		<u>\$ 81,029</u>

[1] NC Retail Allocation Factor - All - Dist Plant - Jur

[2] NC Retail Allocation Factor - All - Production Demand - Jur

[3] NC Retail Allocation Factor - All - Transmission Demand - Jur

[4] The 2021 test year amortization amount of Solar CPRE NC Retail is removed from the test period in proforma NC2030 -
Adjust for Costs Recovered through Non Fuel Riders

[5] Provided by EY Tax department

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Annualize Property Tax on Test Year Plant Additions
For the Test Period Ending December 31, 2021

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NC3020 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro-forma annualizes general taxes and income taxes to reflect an annual level of expense for property taxes based on the end of the test period level of plant investment.

The impact to general taxes is determined by calculating an annual level of property tax expense equal to estimated annualized property tax less property taxes booked during the test period.

The impact to income taxes was determined by multiplying taxable income by the tax rate.

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Line No	<u>Impacted Income Statement Line Items</u>	<u>Source</u>	<u>Total NC Retail Application</u>
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization		
11	General taxes	NC3020-1	4,514
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC3020-1	(1,054)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 3,460
17			
18	Operating income (L3-L16)		\$ (3,460)
	<u>Rate Base</u>	<u>Source</u>	<u>Total NC Retail Application</u>
19			
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

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Line No.	Description	NC	SC	
	<u>12/31/2020 System Balances Subject to Property Tax</u>			
1	EPIS (101, 102 and 106 excl 101.1)	46,628,137,312	46,628,137,312	[1]
2	Less: Asset Retirement Obligation	(1,994,767,956)	(1,994,767,956)	[1]
3	Prop Under Capital Lease (101.1)	444,584,780	444,584,780	[1]
4	PHFFU (105)	66,745,782	66,745,782	[1]
5	CWIP (107)	1,635,152,997	-	[1]
6	Acquisition Adj (114)	284,106	284,106	[1]
7	Sub-Total Utility Plant (Sum L 1 through L 6)	46,780,137,020	45,144,984,024	
8				
9	Net Nuclear Fuel (120.1-5)	828,346,474	-	[1]
10	Fuel Stock (151)	226,369,006	-	[1]
11	Materials & Supplies (154)	494,085,154	243,482,966	[1]
12	M & S Burdens (163)	25,845,896	20,287,009	[1]
13	Other Materials & Supplies (156)	1,746	174	[1]
14	Reported Plant (L7 through L13)	48,354,785,296	45,408,754,173	
15				
16	2021 Net Property Tax Expense Paid	106,450,122	137,192,072	[2]
17	Average Property Tax Rate (L16/L14)	0.22014%	0.30213%	
18				
19	<u>12/31/2021 Balances</u>			
20	EPIS (101, 102 and 106 excl 101.1)	47,594,790,876	47,594,790,876	[3]
21	Less: Asset Retirement Obligation	(1,835,407,012)	(1,835,407,012)	[3]
22	Prop Under Capital Lease (101.1)	426,894,055	426,894,055	[3]
23	Held for Future Use (105)	61,761,813	61,761,813	[3]
24	CWIP (107)	2,074,674,520	-	[3]
25	Acquisition Adj (114)	284,106	284,106	[3]
26	Sub-Total Utility Plant (L20 through L25)	48,322,998,358	46,248,323,839	
27				
28	Net Nuclear Fuel (120.1-5)	792,380,477	-	[3]
29	Fuel Stock (151)	237,479,722	-	[3]
30	Materials & Supplies (154)	497,539,434	245,185,220	[3]
31	M & S Burdens (163)	25,909,265	20,336,749	[3]
32	Other Materials & Supplies (156)	(66,708)	(6,662)	[3]
33	Property Subject to Property Tax (L26 through L32)	49,876,240,549	46,513,839,145	
34				
35	Average Property Tax Rate (L17)	0.22014%	0.30213%	
36	Annualized Property Tax Expense (L33 x L35)	109,799,513	140,530,831	
37				
38	Test Year Property Tax Expense (excluding deferrals)	106,450,122	137,192,072	[4]
39	Property Tax Expense Adjustment (L36-L38)	3,349,391	3,338,759	
40				
41	Total Property Tax Adjustment (L37 NC plus SC)	6,688,151		
42	NC Allocation Factor - All -Gross Plant - Jur	67.4925%		[5]
43	Impact To General Taxes (L41 x L42)	4,514,001		
44				
45	Statutory tax rate	23.3503%		[6]
46	Impact to income tax (-L43 x L45)	\$ (1,054,030)		
47	Impact to operating income (-L43 - L46)	\$ (3,459,970)		

[1] 12/31/20 FERC Form 1 Balance Sheet
[2] 2021 Property Taxes paid per EY Tax
[3] 12/31/21 FERC Form 1 Balance Sheet
[4] Line 16
[5] NC Retail Allocation Factor - All - Gross Plant - Jur
[6] NC1010-4 - 2021 Calculation of Tax Rates - Statutory Tax Rate, Line 10

DUKE ENERGY CAROLINAS, LLC
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Adjust for post test year additions to plant in service
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NC3030 Narrative
Application

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Jan 19 2023

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts depreciation expense, general taxes, income taxes, electric plant in service, and accumulated depreciation to reflect net additions to plant in service.

The impact to operating income is determined as follows:

The adjustment to depreciation expense reflects a full year's level of depreciation on net additions to plant in service by multiplying the projected additions to net electric plant by depreciation rates based on the new depreciation study.

The adjustment to general taxes reflects estimated annual property tax expense related to the net additions to plant in service. Property taxes are estimated by multiplying the projected net additions to electric plant by a combined North Carolina and South Carolina property tax rate.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

The impact to rate base is determined as follows:

The adjustment to electric plant in service reflects projected updates to electric plant in service through July 2023.

The adjustment to accumulated depreciation reflects projected updates to the accumulated depreciation balance through July 2023 and annualized depreciation expense based on forecasted July 2023 electric plant in service balances.

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Line No	Impacted Income Statement Line Items	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	NC3030-1	\$ 68,722
11	General taxes	NC3030-1	\$ 13,067
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC3030-1	\$ (19,098)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 62,691
17			
18	Operating income (L3-L16)		\$ (62,691)
			Total NC Retail Application
19	<u>Rate Base</u>	Source	
20	Electric plant in service	NC3030-1	\$ 2,555,185
21	Accumulated depreciation and amortization	NC3030-1	\$ (793,881)
22	Net electric plant in service (L20 + L21)		\$ 1,761,304
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ 1,761,304

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Line No.	Description	Electric Plant	Depr Rate	Depr.	Total System	NC Retail Allocation	Total NC Retail
1	<u>Impact to Rate Base Line Items</u>						
2	<u>Total net additions to electric plant:</u>						
3	Steam plant	\$ (48,469)	[1]	6.24%	[2] \$ (3,024)		
4	Nuclear plant	353,373	[1]	2.21%	[2] 7,810		
5	Hydro plant	199,477	[1]	2.31%	[2] 4,608		
6	Other production plant	38,369	[1]	3.63%	[2] 1,393		
7	Transmission plant	495,315	[1]	2.43%	[2] 12,036		
8	Distribution plant	1,911,032	[1]	2.44%	[2] 46,629		
9	General plant	66,078	[1]	5.31%	[2] 3,509		
10	General plant - DE Plaza	644,419	[1]	1.85%	[12] 11,922		
11	Intangible plant	76,546	[1]	20.00%	[13] 15,309		
12	Total net additions to depreciable electric plant (L3 through L11)	<u>\$ 3,736,141</u>			<u>\$ 100,191</u>		
13							
14	<u>Summary of impacts to rate base</u>						
15	<u>Net additions to total electric plant in service:</u>						
16	Production (Sum of L3 through L6)				\$ 542,750	66.9690% [5]	\$ 363,474
17	Transmission (L7)				495,315	48.1470% [6]	238,479
18	Distribution (L8)				1,911,032	74.0820% [7]	1,415,730
19	General (L9 + L10)				710,497	68.1625% [8]	484,292
20	Intangible (L11)				76,546	69.5124% [9]	53,209
21	Impact to electric plant in service (Sum L16 through L20)				<u>\$ 3,736,141</u>		<u>\$ 2,555,185</u>
22							
23	<u>Accumulated depreciation & amortization:</u>						
24	Production				\$ (792,142)	[3]	\$ (530,489)
25	Transmission				(56,309)	[3]	(27,111)
26	Distribution				(172,943)	[3]	(128,120)
27	General				(36,425)	[3]	(24,828)
28	Intangible				(86,010)	[3]	(59,787)
29	Adjustment to accumulated depreciation & amortization (Sum L24 through L28)				<u>\$ (1,143,828)</u>		<u>\$ (770,335)</u>
30							
31	<u>Accumulated depreciation annualization adjustment</u>						
32	Production Plant				\$ (3,350)	[4]	\$ (2,244)
33	Transmission				(1,986)	[4]	(956)
34	Distribution				(11,045)	[4]	(12,976)
35	General				(10,812)	[4]	(7,370)
36	Intangible				-	[4]	-
37	Adjustment to annualize accumulated depreciation (Sum L32 : L36)				<u>\$ (27,193)</u>		<u>\$ (23,545)</u>
38							
39	Impact to accumulated depreciation and amortization (L29 + L37)				<u>\$ (1,171,021)</u>		<u>\$ (793,881)</u>
40							
41	<u>Net electric plant:</u>						
42	Production (L16 + L24 + L32)				\$ (252,743)		\$ (169,259)
43	Transmission (L17 + L25 +33)				437,021		210,412
44	Distribution (L18 + L26 +34)				1,727,044		1,274,634
45	General (L19 + L27+35)				663,260		452,095
46	Intangible (L20 + L28 + 36)				(9,463)		(6,578)
47	Adjustment to net plant (Sum L42 through L46)				<u>\$ 2,565,119</u>		<u>\$ 1,761,304</u>

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Line No.	Total System	NC Retail Allocation	Total NC Retail
48			
49	<u>Impact to Income Statement Line Items</u>		
50	<u>Depreciation and amortization:</u>		
51	Production (Sum of L3 through L6)	\$ 10,786	66.9690% [5] \$ 7,223
52	Transmission (L7)	12,036	48.1470% [6] 5,795
53	Distribution (L8)	46,629	74.0820% [7] 34,544
54	General (L9 + L10)	15,431	68.1625% [8] 10,518
55	Intangible (L11)	15,309	69.5124% [9] 10,642
56	Impact to depreciation and amortization (Sum L51 through L55)	<u>\$ 100,191</u>	<u>\$ 68,722</u>
57			
58	<u>General taxes:</u>		
59	Average property tax rate - North Carolina	0.22014% [10]	
60	Average property tax rate - South Carolina	0.30213% [10]	
61	Average property tax rate-Combined NC and SC (L59 + L60)	<u>0.52227%</u>	
62			
63	Production (L16 x L61)	\$ 2,835	66.9690% [5] \$ 1,898
64	Transmission (L17 x L61)	2,587	48.1470% [6] 1,246
65	Distribution (L18 x L61)	9,981	74.0820% [7] 7,394
66	General (L19 x L61)	3,711	68.1625% [8] 2,529
67	Impact to general taxes (Sum L71 through L75)	<u>\$ 19,113</u>	<u>\$ 13,067</u>
68			
69	Taxable income (-L56 - L67)	\$ (119,304)	\$ (81,789)
70	Statutory tax rate	23.3503% [11]	23.3503% [11]
71	Impact to income taxes (L69 x L70)	<u>\$ (27,858)</u>	<u>\$ (19,098)</u>
72			
73	Impact to operating income (L69 - L71)	<u>\$ (91,446)</u>	<u>\$ (62,691)</u>

[1] NC3030-2 Net Plant Adds

[2] NC3040-2 Comparison of Current and Proposed Depreciation as of December 31, 2021 - column d

[3] NC3030-3 Accumulated Depreciation

[4] NC3030-4 Accumulated Depreciation Annualization Adjustment

[5] Allocation Factor - All Production Demand

[6] Allocation Factor - All Transmission Demand

[7] Allocation Factor - All - Dist Plant - DEC

[8] Allocation Factor - All - General Plant - Jur

[9] Allocation Factor - All - Intangible Plant - Jur

[10] NC3020-1 Annualize Property Tax on Test Year Plant Additions - Line 17

[11] NC1010-4 2022 Calculation of Tax Rates, Line 10

[12] Per DEC 2021 Depreciation Study notes: 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

[13] Updated annualized depreciation on intangible additions per by Asset Accounting will be provided when available at 7/31/2023

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Net Plant Adds

Line No.	Item	Total System	
		Forecasted [1] Net Change through 7/31/2023	Total Adjusted Net Change Plant in Service
1	<u>Electric Plant In Service</u>		
2	Steam plant	\$ (48,469)	\$ (48,469)
3	Nuclear plant	353,373	353,373
4	Hydro plant	199,477	199,477
5	Other production plant	46,758	(8,389) 38,369
6	Transmission plant	495,784	(469) 495,315
7	Distribution plant	1,913,298	(2,266) 1,911,032
8	General plant	710,497	710,497
9	Intangible plant	76,546	76,546
10	Total Electric Plant In Service (Sum L2 through L9)	\$ 3,747,264	\$ (11,123) 3,736,141
11			
12	<u>Solar Plant in Service Included in Line 5 above:</u>		
13	Solar PVDG	\$ 0	0 [2]
14	Solar Monroe	93	4 [3]
15	Solar Mocksville	(91)	(3) [4]
16	Solar Woodleaf	12	1 [5]
17	Solar Gaston	1,007	1,007 [6]
18	Solar Maiden Creek	7,381	7,381 [6]
19	CPRE - Transmission plant	469	469 [7]
20	CPRE - NC Distribution plant	2,266	2,266 [7]
21	Total Solar Included in Line 5 above (Sum L13 through L18)	\$ 11,137	\$ 11,123
22			
23	<u>DE Plaza Included in Line 8 Above</u>		
24	DE Plaza	\$ 644,419	\$ 644,419

[1] NC3030-6 Plant in Service Balances

[2] Per NC2030-3.1 REPS, 40.50% of Solar PVDG costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[3] Per NC2030-3.1 REPS, 4.10% of Solar Monroe costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[4] Per NC2030-3.1 REPS, 3.70% of Solar Mocksville costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[5] Per NC2030-3.1 REPS, 4.10% of Solar Woodleaf costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[6] Per NC2030-10.2 CPRE, 100% of Solar Gaston and Maiden Creek costs are collected in the CPRE rider and should be excluded for purposes of this analysis.

[7] Per NC2030-10.2 CPRE, 100% of network upgrades related to late/advanced stage solar costs are collected in the CPRE rider and should be excluded for purposes of this analysis.

[8] Excluding the portion of net change related to Solar costs that are collected in the riders.

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Accumulated Depreciation

Line No.	Item	Total System	
		Forecasted [1] Net Change through 7/31/2023	Total Adjusted Net Change Accumulated Depreciation
1	<u>Accumulated Depreciation</u>		
2	Steam plant	\$ (374,656)	\$ (374,656)
3	Nuclear plant	(220,758)	(220,758)
4	Hydro plant	(67,221)	(67,221)
5	Other production plant	(141,627)	12,121 (129,506)
6	Transmission plant	(56,445)	137 (56,309)
7	Distribution plant	(173,146)	202 (172,943)
8	General plant	(36,425)	(36,425)
9	Intangible plant	(86,010)	(86,010)
10	Total Accumulated Depreciation (Sum L2 through L9)	\$ (1,156,289)	\$ 12,460 \$ (1,143,828)
11			
12	<u>Solar Accumulated Depreciation Included above:</u>		
13	Solar PVDG	(2,650)	(1,073) [2]
14	Solar Monroe	(8,614)	(353) [3]
15	Solar Mocksville	(2,544)	(94) [4]
16	Solar Woodleaf	(1,018)	(42) [5]
17	Solar Gaston	(3,169)	(3,169) [6]
18	Solar Maiden Creek	(7,390)	(7,390) [6]
19	CPRE - Transmission plant	(137)	(137)
20	CPRE - NC Distribution plant	(202)	(202)
21	Total Solar Included above (Sum L13 through L20)	\$ (25,724)	\$ (12,460)

[1] NC3030-7 Accumulated Depreciation Balances

[2] Per NC2030-3.1 REPS, 40.50% of Solar PVDG costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[3] Per NC2030-3.1 REPS, 4.10% of Solar Monroe costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[4] Per NC2030-3.1 REPS, 3.70% of Solar Mocksville costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[5] Per NC2030-3.1 REPS, 4.10% of Solar Woodleaf costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[6] Per NC2030-10.2 CPRE, 100% of Solar Gaston and Maiden Creek costs are collected in the CPRE rider and should be excluded for purposes of this analysis.

[7] Per NC2030-10.2 CPRE, 100% of network upgrades related to late/advanced stage solar costs are collected in the CPRE rider and should be excluded for purposes of this analysis.

[8] Excluding the portion of net change related to Solar costs that are collected in the riders.

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Accumulated Depreciation Annualization Adjustment

Line No.	Item	Total System [1]	Adjustments [8]	Total Adjusted System	NC Retail Allocation	Total NC Retail
1	<u>Accumulated Depreciation</u>					
2	Production (Line 28)	\$ (3,448)	\$ 98	\$ (3,350)	66.9690% [9]	\$ (2,244)
3	Production Contra ADC - NC (Line 26)	-	-	-	100.0000%	-
4	Production Contra ADC - SC (Line 27)	-	-	-	0.0000%	-
5	Transmission (Line 38)	(1,979)	(6)	(1,986)	48.1470% [10]	(956)
6	Transmission Plant Contra ADC - NC (Line 36)	-	-	-	100.0000%	-
7	Transmission Plant Contra ADC - SC (Line 37)	-	-	-	0.0000%	-
8	NC Distribution (Line 41 + Line 42 + Line 43)	(13,015)	(9)	(13,024)	99.6277% [11]	(12,976)
9	SC Distribution (Line 44 + Line 45)	1,979	-	1,979	0.0000% [12]	-
10	Distribution Contra ADC - SC (Line 47)	-	-	-	0.0000%	-
11	General (Line 63)	(10,812)	-	(10,812)	68.1625% [13]	(7,370)
12	General Contra ADC - SC (Line 64)	-	-	-	0.0000%	-
13	Intangible (Line 69)	-	-	-	69.5124% [14]	-
14	Intangible Contra ADC - SC (Line 70)	-	-	-	0.0000%	-
15	Impact to accum. deprec. (Sum L2 through L14)	\$ (27,276)	\$ 82	\$ (27,193)		\$ (23,545)
16						
17	Solar Accumulated Depreciation Included in above:					
18	Solar-Mocksville	\$ (4)	\$ (0) [2]			
19	Solar-Monroe	(0)	(0) [3]			
20	Solar-Woodleaf	(0)	(0) [4]			
21	Solar-Gaston	(44)	(44) [5]			
22	Solar-Maiden Creek	(53)	(53) [5]			
23	Solar-PVDG	(0)	(0) [6]			
24	CPRE - Transmission plant	6	6 [7]			
25	CPRE - NC Distribution plant	9	9 [7]			
26	Total Solar Included inabove (Sum L17 through L25)	\$ (87)	\$ (82)			

[1] NC3030-5 Ann Cal - Adjustment to Accumulated Depreciation for Annualization of Depreciation Expense at July 31, 2023

[2] Per NC2030-3.1 REPS, 3.70% of Solar Mocksville costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[3] Per NC2030-3.1 REPS, 4.10% of Solar Monroe costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[4] Per NC2030-3.1 REPS, 4.10% of Solar Woodleaf costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[5] Per NC2030-10.2 CPRE, 100% of Solar Gaston and Maiden Creek costs are collected in the CPRE rider and should be excluded for purposes of this analysis.

[6] Per NC2030-3.1 REPS, 40.50% of Solar PVDG costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[7] Per NC2030-10.2 CPRE, 100% of network upgrades related to late/advanced stage solar costs are collected in the CPRE rider and should be excluded for purposes of this analysis.

[8] Excluding the portion of net change related to Solar costs that are collected in the riders.

[9] Allocation Factor - All Production Demand - Jur

[10] Allocation Factor - All Transmission Demand - Jur

[11] Allocation Factor - NC - Dist Plant - DEC

[12] Allocation Factor - SC - Dist Plant - DEC

[13] Allocation Factor - All - General Plant - Jur

[14] Allocation Factor - All - Intangible Plt - Jur

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Adjustment to Accumulated Depreciation for Annualization of Depreciation Expense at Jul. 31, 2023

Line No.	Function	(A) Forecast Gross Plant in Service 7/31/2023 [8]	(B) Depr Rate [9]	(C) Current Rates Calculated Accrual	(D) Forecasted 12ME Depr Booked [10]	(E) Difference
1	<u>STEAM:</u> [1]					
2	STEAM PLANT	\$ 8,548,350	3.85%	\$ 329,417	\$ 331,240	\$ (1,824)
3	LAND RIGHTS - STEAM [2]	2,004	0.00%	-	-	-
4	Total Steam	\$ 8,550,354		\$ 329,417	\$ 331,240	\$ (1,824)
5						
6	<u>NUCLEAR:</u> [1]					
7	NUCLEAR PLANT	\$ 9,483,986	2.13%	\$ 202,030	\$ 198,457	\$ 3,573
8	LAND RIGHTS - NUCLEAR	957	1.69%	16	8	8
9	Total Nuclear	\$ 9,484,942		\$ 202,047	\$ 198,465	\$ 3,581
10						
11	<u>HYDRO:</u> [1]					
12	HYDRAULIC PLANT	\$ 2,713,702	2.00%	\$ 54,223	\$ 52,732	\$ 1,490
13	LAND RIGHTS - HYDRO	16,816	0.62%	104	135	(31)
14	Total Hydro	\$ 2,730,518		\$ 54,327	\$ 52,868	\$ 1,459
15						
16	<u>OTHER PRODUCTION:</u> [1]					
17	OTHER (CT's)	\$ 3,082,565	3.07%	\$ 94,526	\$ 94,396	\$ 130
18	OTHER (SOLAR-Mocksville)	31,702	5.09%	1,614	1,610	4
19	OTHER (SOLAR-Monroe)	107,505	5.06%	5,443	5,443	0
20	OTHER (SOLAR-Woodleaf)	13,923	4.94%	688	688	0
21	OTHER (SOLAR-Gaston)	39,778	5.15%	2,048	2,004	44
22	OTHER (SOLAR-Maiden Creek)	93,838	5.14%	4,821	4,768	53
23	OTHER (SOLAR-PVDG)	29,046	5.76%	1,674	1,674	0
24	Total Other Production	\$ 3,398,358		\$ 110,814	\$ 110,583	\$ 232
25	Total Production, Including Contra AFUDC	\$ 24,164,171		\$ 696,605	\$ 693,156	\$ 3,448
26	PRODUCTION CONTRA ADC - NC [7]					
27	PRODUCTION CONTRA ADC - SC [7]					
28	Total Production, Excluding Contra AFUDC	\$ 24,164,171		\$ 696,605	\$ 693,156	\$ 3,448
29						

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Line No.	Function	(A) Forecast Gross Plant in Service 7/31/2023	(B) Depr Rate	(C) Current Rates Calculated Accrual	(D) Forecasted 12ME Depr Booked	(E) Difference
30	TRANSMISSION: [1]					
31	TRANSMISSION OTHER	\$ 5,272,800	2.23%	\$ 117,533	\$ 115,547	\$ 1,986
32	TRANSMISSION RIGHT OF WAY	166,092	1.03%	1,711	1,711	-
33	CPRE - Transmission plant	3,713	2.23%	83	89	(6)
34	TEP	(7,616)	0.00%	(623)	(623)	-
35	Transmission, Including Contra AFUDC	\$ 5,434,989		\$ 118,703	\$ 116,724	\$ 1,979
36	Transmission Contra AFUDC - NC [7]					
37	Transmission Contra AFUDC - SC [7]					
38	Transmission Excluding Contra AFUDC	5,434,989		118,703	116,724	1,979
39						
40	DISTRIBUTION: [1]					
41	A. NC OTHER	\$ 12,549,344	2.18%	\$ 274,026	\$ 261,001	\$ 13,024
42	B. NC - R/W	11,208	1.26%	141	141	0
43	C. CPRE - NC Distribution plant	5,819	2.18%	127	136	(9)
44	D. SC OTHER	3,747,211	2.18%	81,824	83,803	(1,979)
45	E. SC - R/W	1,305	1.26%	16	17	(0)
46	Total Distribution, Including Contra AFUDC	\$ 16,314,887		\$ 356,133	\$ 345,098	\$ 11,036
47	Distribution Contra AFUDC - SC [7]					
48	Total Distribution, Excluding Contra AFUDC	16,314,887		356,133	345,098	11,036
49						
50	GENERAL: [1]					
51	EDP COMPUTER	\$ 106,667	12.50%	13,333	\$ 14,121	\$ (788)
52	STRUCTURES / LEASE IMPRVMT	1,325,508	3.06%	40,561	31,646	8,915
53	VEHICLES [5]	16,119	2.30%	-	-	-
54	CONST EQUIP [5]	16,202	0.18%	-	-	-
55	DGENLAND	550	1.50%	8	8	0
56	FURNITURE AND EQPMT	113,580	6.67%	7,576	6,133	1,442
57	STORES EQUIPMENT	853	5.00%	43	40	3
58	TOOLS, SHOPS & GARAGE EQPMT	130,945	5.00%	6,547	6,547	0
59	LABORATORY EQUIPMENT	2,814	6.67%	188	185	3
60	POWER OPERATED EQUIPMENT	16,485	0.18%	30	30	-
61	COMMUNICATION EQUIPMENT	330,961	10.00%	33,096	31,859	1,237
62	MISCELLANEOUS EQUIPMENT	15,515	5.00%	776	776	-
63	Total General, Including Contra AFUDC	\$ 2,076,199		\$ 102,157	\$ 91,345	\$ 10,812

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Line No.	Function	(A) Forecast Gross Plant in Service 7/31/2023	(B) Depr Rate	(C) Current Rates Calculated Accrual	(D) Forecasted 12ME Depr Booked	(E) Difference
64	General Plant Contra AFUDC - SC [7]					
65	Total General Plant, Excluding Contra	<u>\$ 2,076,199</u>		<u>\$ 102,157</u>	<u>\$ 91,345</u>	<u>\$ 10,812</u>
66						
67	INTANGIBLE [2]					
68	Intangible	<u>\$ 1,282,723</u>	various	<u>\$ 73,734</u>	<u>\$ 73,734</u>	<u>\$ -</u>
69	Total Intangible, Including Contra	<u>\$ 1,282,723</u>		<u>\$ 73,734</u>	<u>\$ 73,734</u>	<u>\$ -</u>
70	Intangible Plant, Contra AFUDC - SC [7]					
71	Total Intangible, Excluding Contra	<u>1,282,723</u>		<u>73,734</u>	<u>73,734</u>	<u>-</u>
72						
73	TOTAL PLANT-IN-SERVICE	<u>\$ 49,272,970</u>		<u>\$ 1,347,332</u>	<u>\$ 1,320,056</u>	<u>\$ 27,276</u>

[1] Total Plant-in Service excludes Non-Depreciable Assets and the Capitalized Asset Retirement Costs related to FAS 143.

[2] Fossil land rights, along with some Intangible and Hydro assets are fully depreciated/amortized and no longer accrue any expense.

[3] The TEP credit is due to an impairment recorded as part of the Progress Merger.

[4] The per book intangible amount reflects a representative level of amortization expense on a go forward basis.

[5] Depreciation expense on vehicles and construction equipment is recorded to 803 accounts, therefore it is excluded above.

[6] The calculated accrual column above assumes 12 months of depreciation. If any assets were added during the 12 month period, depreciation would be calculated based on the in-service date in the actual 12me depr booked column above.

[7] Forecasted Contra AFUDC balances are not available, these lines will be updated with July 31, 2023 actuals.

[8] Forecasted amounts provided by Duke Energy Carolinas - Financial Planning

[9] NC3010-2 Adjustment of Depreciation Expense to Reflect Plant in Service for 12 Months Ended December 31, 2021

[10] NC3030-8 Twelve Months of Depreciation Expense Forecasted through July 31, 2023

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Plant in Service Balances

Line No.	Description	Actuals [1]						
		Dec-21 a	Jan-22 b	Feb-22 c	Mar-22 d	Apr-22 e	May-22 f	Jun-22 g
1	<u>Electric Plant in Service:</u>							
2	Elec - Steam Production Plant	\$ 8,876,973	\$ 8,888,004	\$ 8,886,966	\$ 8,800,244	\$ 8,807,034	\$ 8,815,413	\$ 8,818,218
3	Elec - Nuclear Production Plant	9,133,654	9,146,215	9,136,935	9,134,945	9,146,159	9,183,444	9,181,261
4	Elec - Hydraulic Production Plant	2,561,084	2,564,455	2,568,402	2,576,548	2,581,555	2,592,988	2,595,590
5	Elec - Other Production Plant	3,446,850	3,454,702	3,454,643	3,458,137	3,457,271	3,458,343	3,455,327
6	Elec - Transmission Plant	4,963,954	4,997,305	5,014,102	5,020,814	5,059,900	5,107,018	5,137,051
7	Elec - Distribution Plant	14,480,906	14,536,425	14,601,606	14,666,427	14,770,411	14,858,658	14,927,769
8	Elec - General Plant	1,424,450	1,430,164	1,436,370	1,438,147	1,449,244	1,447,333	1,457,066
9	Elec - Intangible Plant	1,206,177	1,180,360	1,187,374	1,191,074	1,204,028	1,205,243	1,212,255
10	Total Electric Plant in Service (Sum L2 through L9)	\$ 46,094,047	\$ 46,197,629	\$ 46,286,397	\$ 46,286,338	\$ 46,475,603	\$ 46,668,439	\$ 46,784,537
11								
12	<u>Solar Electric Plant in Service Included in above:</u>							
13	Solar PVDG	\$ 29,046	\$ 29,046	\$ 29,046	\$ 29,046	\$ 29,046	\$ 29,046	\$ 29,046
14	Solar Monroe	107,412	107,475	107,475	107,488	107,488	107,504	107,505
15	Solar Mocksville	31,794	31,820	31,702	31,702	31,702	31,702	31,702
16	Solar Woodleaf	13,911	13,914	13,914	13,920	13,920	13,923	13,923
17	Solar Gaston	38,771	38,771	38,772	38,772	38,772	38,773	39,778
18	Solar Maiden Creek	86,457	86,475	86,475	86,788	86,788	86,788	93,650
19	CPRE - Transmission plant	3,244	3,244	3,258	3,256	4,250	3,254	3,256
20	CPRE - NC Distribution plant	3,553	3,593	3,604	5,766	5,802	5,824	5,832
21	Total Solar Included above (Sum L13 through L20)	\$ 314,188	\$ 314,339	\$ 314,247	\$ 316,738	\$ 317,770	\$ 316,814	\$ 324,693
22								
23	<u>DE Plaza Included in Line 8 Above</u>							
24	DE Plaza	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

[1] Actual amounts provided by Duke Energy Carolinas - Asset Accounting

[2] Forecasted amounts provided by Duke Energy Carolinas - Financial Planning

[3] Amounts above do not include Asset Retirement Obligations (ARO)

[4] Includes Lincoln CT U17 exclusions from NC3030- 9 Lincoln CT Unit 17 Estimated Balances

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Plant in Service Balances

Line No.	Description	Forecast [2]							
		Jul-22 h	Aug-22 i	Sep-22 j	Oct-22 k	Nov-22 l	Dec-22 m	Jan-23 n	Feb-23 o
1	<u>Electric Plant in Service:</u>								
2	Elec - Steam Production Plant	\$ 8,822,821	\$ 8,820,815	\$ 8,821,436	\$ 8,820,080	\$ 8,819,389	\$ 8,822,339	\$ 8,819,719	\$ 8,817,074
3	Elec - Nuclear Production Plant	9,184,749	9,180,951	9,236,862	9,233,216	9,230,113	9,336,110	9,332,627	9,328,813
4	Elec - Hydraulic Production Plant	2,600,329	2,602,397	2,664,452	2,665,049	2,665,821	2,703,867	2,705,557	2,705,361
5	Elec - Other Production Plant	3,454,879	3,452,879	3,463,212	3,464,373	3,462,711	3,474,894	3,472,894	3,472,146
6	Elec - Transmission Plant	5,137,603	5,133,455	5,428,429	5,424,283	5,420,137	5,443,511	5,439,366	5,435,220
7	Elec - Distribution Plant	14,999,770	15,071,450	15,445,064	15,519,956	15,595,876	15,890,132	15,933,857	15,971,324
8	Elec - General Plant	1,470,190	1,472,264	1,352,601	1,749,787	1,759,745	1,856,764	1,905,828	1,939,108
9	Elec - Intangible Plant	1,225,836	1,226,174	1,229,772	1,230,126	1,230,494	1,267,489	1,268,354	1,269,241
10	Total Electric Plant in Service (Sum L2 through L9)	\$ 46,896,176	\$ 46,960,384	\$ 47,641,827	\$ 48,106,871	\$ 48,184,286	\$ 48,795,105	\$ 48,878,203	\$ 48,938,288
11									
12	<u>Solar Electric Plant in Service Included in above:</u>								
13	Solar PVDG	\$ 29,046	\$ 29,046	\$ 29,046	\$ 29,046	\$ 29,046	\$ 29,046	\$ 29,046	\$ 29,046
14	Solar Monroe	107,505	107,505	107,505	107,505	107,505	107,505	107,505	107,505
15	Solar Mocksville	31,702	31,702	31,702	31,702	31,702	31,702	31,702	31,702
16	Solar Woodleaf	13,923	13,923	13,923	13,923	13,923	13,923	13,923	13,923
17	Solar Gaston	39,778	39,778	39,778	39,778	39,778	39,778	39,778	39,778
18	Solar Maiden Creek	93,838	93,838	93,838	93,838	93,838	93,838	93,838	93,838
19	CPRE - Transmission plant	3,243	4,257	3,713	3,713	3,713	3,713	3,713	3,713
20	CPRE - NC Distribution plant	5,838	5,817	5,819	5,819	5,819	5,819	5,819	5,819
21	Total Solar Included above (Sum L13 through L20)	\$ 324,874	\$ 325,867	\$ 325,325	\$ 325,325	\$ 325,325	\$ 325,325	\$ 325,325	\$ 325,325
22									
23	<u>DE Plaza Included in Line 8 Above</u>								
24	DE Plaza	\$ -	\$ -	\$ -	\$ 395,004	\$ 402,869	\$ 405,484	\$ 452,465	\$ 483,790

[1] Actual amounts provided by Duke Energy Carolinas - Asset Accounting

[2] Forecasted amounts provided by Duke Energy Carolinas - Financial Planning

[3] Amounts above do not include Asset Retirement Obligations (ARO)

[4] Includes Lincoln CT U17 exclusions from NC3030- 9 Lincoln CT Unit 17 Estimated Balances

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Plant in Service Balances

Line No.	Description	Forecast [3]					Net Change u = t - a
		Mar-23 p	Apr-23 q	May-23 r	Jun-23 s	Jul-23 t [4]	
1	<u>Electric Plant in Service:</u>						
2	Elec - Steam Production Plant	\$ 8,817,717	\$ 8,815,377	\$ 8,819,664	\$ 8,831,039	\$ 8,828,504	\$ (48,469)
3	Elec - Nuclear Production Plant	9,414,528	9,410,670	9,407,050	9,490,893	9,487,027	353,373
4	Elec - Hydraulic Production Plant	2,705,779	2,708,354	2,758,252	2,758,009	2,760,561	199,477
5	Elec - Other Production Plant	3,470,146	3,468,721	3,497,098	3,496,310	3,493,607	46,758
6	Elec - Transmission Plant	5,431,074	5,426,929	5,422,783	5,477,145	5,459,738	495,784
7	Elec - Distribution Plant	16,028,487	16,078,117	16,125,830	16,321,327	16,394,204	1,913,298
8	Elec - General Plant	1,997,961	2,023,483	2,074,738	2,109,449	2,134,947	710,497
9	Elec - Intangible Plant	1,274,672	1,275,537	1,276,402	1,281,822	1,282,723	76,546
10	Total Electric Plant in Service (Sum L2 through L9)	\$ 49,140,365	\$ 49,207,189	\$ 49,381,817	\$ 49,765,994	\$ 49,841,311	\$ 3,747,264
11							
12	<u>Solar Electric Plant in Service Included in above:</u>						
13	Solar PVDG	\$ 29,046	\$ 29,046	\$ 29,046	\$ 29,046	\$ 29,046	\$ 0
14	Solar Monroe	107,505	107,505	107,505	107,505	107,505	93
15	Solar Mocksville	31,702	31,702	31,702	31,702	31,702	(91)
16	Solar Woodleaf	13,923	13,923	13,923	13,923	13,923	12
17	Solar Gaston	39,778	39,778	39,778	39,778	39,778	1,007
18	Solar Maiden Creek	93,838	93,838	93,838	93,838	93,838	7,381
19	CPRE - Transmission plant	3,713	3,713	3,713	3,713	3,713	469
20	CPRE - NC Distribution plant	5,819	5,819	5,819	5,819	5,819	2,266
21	Total Solar Included above (Sum L13 through L20)	\$ 325,325	\$ 325,325	\$ 325,325	\$ 325,325	\$ 325,325	\$ 11,137
22							
23	<u>DE Plaza Included in Line 8 Above</u>						
24	DE Plaza	\$ 530,689	\$ 554,095	\$ 603,418	\$ 621,483	\$ 644,419	\$ 644,419

[1] Actual amounts provided by Duke Energy Carolinas - Asset Accounting

[2] Forecasted amounts provided by Duke Energy Carolinas - Financial Planning

[3] Amounts above do not include Asset Retirement Obligations (ARO)

[4] Includes Lincoln CT U17 exclusions from NC3030- 9 Lincoln CT Unit 17 Estimated Balances

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Accumulated Depreciation Balances

Line No.	Description	Actuals [1]						
		Dec-21 a	Jan-22 b	Feb-22 c	Mar-22 d	Apr-22 e	May-22 f	Jun-22 g
1	<u>Electric Plant in Service:</u>							
2	Elec - Steam Production Plant	\$ (3,661,245)	\$ (3,694,536)	\$ (3,720,737)	\$ (3,660,005)	\$ (3,678,555)	\$ (3,706,014)	\$ (3,735,434)
3	Elec - Nuclear Production Plant	(4,069,737)	(4,092,855)	(4,094,412)	(4,107,046)	(4,115,469)	(4,124,421)	(4,132,874)
4	Elec - Hydraulic Production Plant	(960,548)	(963,159)	(965,798)	(970,620)	(974,314)	(975,538)	(981,598)
5	Elec - Other Production Plant	(1,181,421)	(1,185,546)	(1,194,830)	(1,205,225)	(1,213,179)	(1,235,269)	(1,228,955)
6	Elec - Transmission Plant	(1,440,993)	(1,472,317)	(1,476,926)	(1,464,008)	(1,457,743)	(1,457,283)	(1,463,841)
7	Elec - Distribution Plant	(5,110,132)	(5,112,267)	(5,122,066)	(5,114,036)	(5,127,215)	(5,150,079)	(5,157,911)
8	Elec - General Plant	(459,397)	(467,350)	(472,052)	(475,378)	(480,791)	(485,708)	(491,852)
9	Elec - Intangible Plant	(737,984)	(713,038)	(719,260)	(725,601)	(732,000)	(738,186)	(744,363)
10	Total Accumulated Depreciation (Sum L2 through L9)	\$ (17,621,458)	\$ (17,701,067)	\$ (17,766,081)	\$ (17,721,918)	\$ (17,779,264)	\$ (17,872,498)	\$ (17,936,827)
11								
12	<u>Solar Accumulated Depreciation Included above:</u>							
13	Solar PVDG	\$ (13,936)	\$ (14,076)	\$ (14,215)	\$ (14,355)	\$ (14,494)	\$ (14,634)	\$ (14,773)
14	Solar Monroe	(23,574)	(24,027)	(24,481)	(24,934)	(25,386)	(25,839)	(26,292)
15	Solar Mocksville	(7,848)	(7,982)	(8,116)	(8,249)	(8,382)	(8,514)	(8,647)
16	Solar Woodleaf	(1,816)	(1,859)	(1,906)	(1,952)	(1,998)	(2,043)	(2,089)
17	Solar Gaston	(1,916)	(2,082)	(2,248)	(2,415)	(2,580)	(2,747)	(2,913)
18	Solar Maiden Creek	(3,890)	(4,260)	(4,631)	(5,001)	(5,372)	(5,744)	(6,116)
19	CPRE - Transmission plant	(71)	(78)	(84)	(91)	(98)	(106)	(113)
20	CPRE - NC Distribution plant	(44)	(51)	(58)	(65)	(77)	(88)	(99)
21	Total Solar Included above (Sum L13 through L20)	\$ (53,095)	\$ (54,416)	\$ (55,739)	\$ (57,061)	\$ (58,387)	\$ (59,715)	\$ (61,042)

[1] Actual amounts provided by Duke Energy Carolinas - Asset Accounting

[2] Forecasted amounts provided by Duke Energy Carolinas - Financial Planning

[3] Amounts above do not include Asset Retirement Obligations (ARO)

[4] Includes Lincoln CT U17 exclusions from NC3030- 9 Lincoln CT Unit 17 Estimated Balances

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Line No.	Description	Forecast [2]						
		Jul-22 h	Aug-22 i	Sep-22 j	Oct-22 k	Nov-22 l	Dec-22 m	Jan-23 n
1	<u>Electric Plant in Service:</u>							
2	Elec - Steam Production Plant	\$ (3,760,698)	\$ (3,785,934)	\$ (3,811,063)	\$ (3,835,822)	\$ (3,860,921)	\$ (3,886,481)	\$ (3,911,153)
3	Elec - Nuclear Production Plant	(4,144,728)	(4,156,589)	(4,168,442)	(4,180,398)	(4,192,348)	(4,204,291)	(4,216,509)
4	Elec - Hydraulic Production Plant	(985,129)	(988,223)	(991,529)	(994,212)	(996,467)	(1,000,023)	(1,003,956)
5	Elec - Other Production Plant	(1,236,050)	(1,243,154)	(1,250,138)	(1,256,966)	(1,263,974)	(1,271,123)	(1,278,551)
6	Elec - Transmission Plant	(1,465,350)	(1,468,284)	(1,471,521)	(1,475,238)	(1,478,673)	(1,480,862)	(1,483,030)
7	Elec - Distribution Plant	(5,167,539)	(5,178,129)	(5,189,257)	(5,204,701)	(5,220,192)	(5,235,176)	(5,244,443)
8	Elec - General Plant	(497,141)	(502,475)	(427,991)	(433,233)	(439,494)	(445,786)	(452,544)
9	Elec - Intangible Plant	(750,260)	(756,377)	(762,227)	(768,129)	(773,957)	(779,774)	(786,084)
10	Total Accumulated Depreciation (Sum L2 through L9)	\$ (18,006,895)	\$ (18,079,165)	\$ (18,072,168)	\$ (18,148,700)	\$ (18,226,027)	\$ (18,303,516)	\$ (18,376,271)
11								
12	<u>Solar Accumulated Depreciation Included above:</u>							
13	Solar PVDG	\$ (14,913)	\$ (15,052)	\$ (15,192)	\$ (15,331)	\$ (15,471)	\$ (15,610)	\$ (15,750)
14	Solar Monroe	(26,746)	(27,199)	(27,653)	(28,106)	(28,560)	(29,013)	(29,467)
15	Solar Mocksville	(8,781)	(8,915)	(9,050)	(9,184)	(9,318)	(9,452)	(9,586)
16	Solar Woodleaf	(2,146)	(2,203)	(2,261)	(2,318)	(2,375)	(2,433)	(2,490)
17	Solar Gaston	(3,080)	(3,247)	(3,414)	(3,581)	(3,748)	(3,915)	(4,082)
18	Solar Maiden Creek	(6,512)	(6,909)	(7,307)	(7,704)	(8,101)	(8,499)	(8,896)
19	CPRE - Transmission plant	(119)	(126)	(134)	(142)	(149)	(156)	(164)
20	CPRE - NC Distribution plant	(111)	(122)	(133)	(145)	(156)	(167)	(179)
21	Total Solar Included above (Sum L13 through L20)	\$ (62,408)	\$ (63,775)	\$ (65,143)	\$ (66,511)	\$ (67,878)	\$ (69,246)	\$ (70,614)

[1] Actual amounts provided by Duke Energy Carolinas - Asset Accounting

[2] Forecasted amounts provided by Duke Energy Carolinas - Financial Planning

[3] Amounts above do not include Asset Retirement Obligations (ARO)

[4] Includes Lincoln CT U17 exclusions from NC3030- 9 Lincoln CT Unit 17 Estimated Balances

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Accumulated Depreciation Balances

Line No.	Description	Forecast [2]						Net Change u = t - a
		Feb-23 o	Mar-23 p	Apr-23 q	May-23 r	Jun-23 s	Jul-23 t [4]	
1	<u>Electric Plant in Service:</u>							
2	Elec - Steam Production Plant	\$ (3,936,105)	\$ (3,947,774)	\$ (3,968,539)	\$ (3,992,387)	\$ (4,017,549)	\$ (4,035,902)	\$ (374,656)
3	Elec - Nuclear Production Plant	(4,228,721)	(4,240,926)	(4,253,288)	(4,265,644)	(4,277,992)	(4,290,495)	(220,758)
4	Elec - Hydraulic Production Plant	(1,007,893)	(1,011,831)	(1,015,770)	(1,019,714)	(1,023,741)	(1,027,769)	(67,221)
5	Elec - Other Production Plant	(1,285,975)	(1,293,398)	(1,300,815)	(1,308,230)	(1,315,715)	(1,323,049)	(141,627)
6	Elec - Transmission Plant	(1,485,442)	(1,487,359)	(1,490,129)	(1,492,765)	(1,495,579)	(1,497,438)	(56,445)
7	Elec - Distribution Plant	(5,252,690)	(5,258,732)	(5,265,225)	(5,270,713)	(5,277,459)	(5,283,278)	(173,146)
8	Elec - General Plant	(459,441)	(466,434)	(473,618)	(480,879)	(488,283)	(495,822)	(36,425)
9	Elec - Intangible Plant	(792,376)	(798,676)	(805,054)	(811,390)	(817,676)	(823,994)	(86,010)
10	Total Accumulated Depreciation (Sum L2 through L9)	\$ (18,448,644)	\$ (18,505,128)	\$ (18,572,438)	\$ (18,641,721)	\$ (18,713,994)	\$ (18,777,747)	\$ (1,156,289)
11								
12	<u>Solar Accumulated Depreciation Included above:</u>							
13	Solar PVDG	\$ (15,889)	\$ (16,029)	\$ (16,168)	\$ (16,307)	\$ (16,447)	\$ (16,586)	\$ (2,650)
14	Solar Monroe	(29,920)	(30,374)	(30,828)	(31,281)	(31,735)	(32,188)	(8,614)
15	Solar Mocksville	(9,721)	(9,855)	(9,989)	(10,123)	(10,257)	(10,391)	(2,544)
16	Solar Woodleaf	(2,547)	(2,604)	(2,662)	(2,719)	(2,776)	(2,834)	(1,018)
17	Solar Gaston	(4,249)	(4,416)	(4,583)	(4,750)	(4,917)	(5,084)	(3,169)
18	Solar Maiden Creek	(9,293)	(9,691)	(10,088)	(10,485)	(10,883)	(11,280)	(7,390)
19	CPRE - Transmission plant	(171)	(179)	(186)	(193)	(201)	(208)	(137)
20	CPRE - NC Distribution plant	(190)	(201)	(213)	(224)	(235)	(247)	(202)
21	Total Solar Included above (Sum L13 through L20)	\$ (71,981)	\$ (73,349)	\$ (74,716)	\$ (76,084)	\$ (77,452)	\$ (78,819)	\$ (25,724)

[1] Actual amounts provided by Duke Energy Carolinas - Asset Accounting

[2] Forecasted amounts provided by Duke Energy Carolinas - Financial Planning

[3] Amounts above do not include Asset Retirement Obligations (ARO)

[4] Includes Lincoln CT U17 exclusions from NC3030- 9 Lincoln CT Unit 17 Estimated Balances

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Twelve Months of Depreciation Expense Forecasted through July 31, 2023

Line No.	Description	Forecast [1]												12 MONTHS m = sum(a:l)
		8/1/2022 a	9/1/2022 b	10/1/2022 c	11/1/2022 d	12/1/2022 e	1/1/2023 f	2/1/2023 g	3/1/2023 h	4/1/2023 i	5/1/2023 j	6/1/2023 k	7/1/2023 l	
1	Function													
2	Steam plant	\$ 27,597	\$ 27,592	\$ 27,597	\$ 27,595	\$ 27,595	\$ 27,608	\$ 27,601	\$ 27,594	\$ 27,599	\$ 27,593	\$ 27,612	\$ 27,657	\$ 331,240
3	Steam plant - Right of Way	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Nuclear plant	16,298	16,290	16,394	16,386	16,380	16,576	16,570	16,562	16,721	16,713	16,706	16,861	198,457
5	Nuclear plant - Right of Way	1	1	1	1	1	1	1	1	1	1	1	1	8
6	Hydro plant	4,247	4,250	4,354	4,356	4,358	4,422	4,426	4,426	4,428	4,433	4,516	4,517	52,732
7	Hydro plant - Right of Way	11	11	11	11	11	11	11	11	11	11	11	11	135
8	Other production plant	7,825	7,820	7,846	7,849	7,846	7,876	7,872	7,870	7,865	7,862	7,933	7,932	94,396
9	Other production plant - Mocksville	134	134	134	134	134	134	134	134	134	134	134	134	1,610
10	Other production plant - Monroe	454	454	454	454	454	454	454	454	454	454	454	454	5,443
11	Other production plant - Woodleaf	57	57	57	57	57	57	57	57	57	57	57	57	688
12	Other production plant - Gaston	167	167	167	167	167	167	167	167	167	167	167	167	2,004
13	Other production plant - Maiden Creek	397	397	397	397	397	397	397	397	397	397	397	397	4,768
14	Other production plant - PVDG	139	139	139	139	139	139	139	139	139	139	139	139	1,674
15	Transmission plant	9,179	9,171	9,719	9,710	9,702	9,745	9,737	9,729	9,721	9,713	9,705	9,805	115,636
16	Transmission plant - Right of Way	143	143	143	143	143	143	143	143	143	143	143	143	1,711
17	Transmission Expansion Projects (TEP)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(623)
18	Distribution plant - NC	20,425	20,570	21,171	21,321	21,472	21,987	22,077	22,157	22,270	22,373	22,472	22,842	261,138
19	Distribution plant - NC - Right of Way	12	12	12	12	12	12	12	12	12	12	12	12	141
20	Distribution plant - SC	7,013	7,007	7,001	6,995	6,990	6,989	6,984	6,977	6,971	6,965	6,958	6,952	83,803
21	Distribution plant - SC - Right of Way	1	1	1	1	1	1	1	1	1	1	1	1	17
22	General Plant - EDP Computer	1,153	1,154	1,194	1,194	1,195	1,195	1,208	1,221	1,157	1,170	1,183	1,097	14,121
23	General Plant - Structures/Lease Improvements	1,888	1,889	1,494	2,502	2,523	2,749	2,869	2,949	3,075	3,135	3,261	3,311	31,646
24	General Plant - Vehicles [3]	-	-	-	-	-	-	-	-	-	-	-	-	-
25	General Plant - Construction Equipment [3]	-	-	-	-	-	-	-	-	-	-	-	-	-
26	General Plant - Depreciable Land	1	1	1	1	1	1	1	1	1	1	1	1	8
27	General Plant - Furniture and Equipment	377	385	467	475	483	546	550	554	557	561	565	612	6,133
28	General Plant - Stores Equipment	3	3	3	3	3	3	3	3	3	3	3	3	40
29	General Plant - Tools, Shop and Garage Equipment	546	546	546	546	546	546	546	546	546	546	546	546	6,547
30	General Plant - Laboratory Equipment	15	15	15	15	15	15	15	15	15	15	15	15	185
31	General Plant - Power Operated Equipment	2	2	2	2	2	2	2	2	2	2	2	2	30
32	General Plant - Communication Equipment	2,353	2,354	2,526	2,527	2,527	2,705	2,706	2,707	2,831	2,832	2,833	2,957	31,859
33	General Plant - Miscellaneous Equipment	65	65	65	65	65	65	65	65	65	65	65	65	776
34	Intangible plant	6,116	5,851	5,902	5,828	5,816	6,310	6,292	6,300	6,378	6,336	6,285	6,318	73,734
35	Total Depreciation (Sum L2 through L34)	\$ 106,568	\$ 106,430	\$ 107,760	\$ 108,836	\$ 108,986	\$ 110,807	\$ 110,989	\$ 111,143	\$ 111,671	\$ 111,783	\$ 112,126	\$ 112,957	\$ 1,320,056

[1] Forecasted amounts provided by Duke Energy Carolinas - Franchised Electric & Gas Planning and Forecasting

[2] Amounts above do not include Asset Retirement Obligation (ARO) balances

[3] Depreciation expense on vehicles and construction equipment is recorded to 803 accounts, therefore it is excluded above.

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Lincoln CT Unit 17 Estimated Balances

Line No.	Utility Account	Depreciation Group	Function	Depr Rate/ Amortz Period	Actual 9/30/2022	Estimated 7/31/2023	Exclusion % [2]	Adjustment
1	<u>Plant in Service</u>							
2	34200 - Fuel Holders, Producers & A	A OTH 342 Cap IN RB IC Lease-20004	Elec - Other Production Plant	182	\$ 3,512	\$ 3,512	20%	\$ (702)
3								
4	35300 - Station Equipment	D TRN 353-20017	Elec - Transmission Plant	2.35%	\$ 6,129	\$ 6,129	100%	\$ (6,129)
5	35302 - Major Equipment	D TRN 353-20017	Elec - Transmission Plant	2.35%	5,393	5,393	100%	(5,393)
6	35500 - Poles and Fixtures	D TRN 355-20017	Elec - Transmission Plant	2.69%	113	113	100%	(113)
7	35600 - Overhead Conductors and Dev	D TRN 356-20017	Elec - Transmission Plant	2.02%	1,625	1,625	100%	(1,625)
8	35700 - Underground Conduit	D TRN 357-20017	Elec - Transmission Plant	1.09%	2	2	100%	(2)
9	Total Transmission				\$ 13,262	\$ 13,262		\$ (13,262)
10								
11	Total Lincoln CT Unit 17 Plant in Service				\$ 16,773	\$ 16,773		\$ (13,964)
12								
13	<u>Accumulated Reserve</u>							
14	34200 - Fuel Holders, Producers & A	A OTH 342 Cap IN RB IC Lease-20004	Elec - Other Production Plant	182	\$ (560)	\$ (752)	20%	\$ 150
15								
16	35300 - Station Equipment	D TRN 353-20017	Elec - Transmission Plant	2.35%	\$ (507)	\$ (627)	100%	\$ 627
17	35302 - Major Equipment	D TRN 353-20017	Elec - Transmission Plant	2.35%	(146)	(251)	100%	251
18	35500 - Poles and Fixtures	D TRN 355-20017	Elec - Transmission Plant	2.69%	(79)	(82)	100%	82
19	35600 - Overhead Conductors and Dev	D TRN 356-20017	Elec - Transmission Plant	2.02%	(35)	(63)	100%	63
20	35700 - Underground Conduit	D TRN 357-20017	Elec - Transmission Plant	1.09%	(0)	(0)	100%	0
21	Total Transmission				\$ (767)	\$ (1,022)		\$ 1,022
22								
23	Total Lincoln CT Unit 17 Accumulated Reserve				\$ (1,326)	\$ (1,775)		\$ 1,173

[1] The above balances are for the Lincoln CT pipeline as well as these transmission projects:

W18010401 - Lincoln CT #17 230kV Bus Line
W18010403 - Lincoln CT #17 GSU HT & Relaying
W18010402 - Lincoln CT Sw Yd Expansion

[2] The Lincoln CT pipeline exclusion is calculated by dividing the approximate U17 MWs of 400 by the approximate total site MWs of 2000

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E1-10
NC3040 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts depreciation expense to reflect the updated depreciation rates resulting from a new depreciation study. Additionally this proforma is deferring 50% of the NC Retail annual impact of accelerating steam plant lives in the new depreciation study.

The impact to rate base is adjusting accumulated depreciation to reflect the updated depreciation rates resulting from a new depreciation study, creating a regulatory asset for one year of deferral and related ADIT.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

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Line No	Impacted Income Statement Line Items	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	NC3040-1	\$ 145,660
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC3040-1	\$ (34,012)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 111,648
17			
18	Operating income (L3-L16)		\$ (111,648)
19	<u>Rate Base</u>	Source	Total NC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization	NC3040-1	\$ (188,020)
22	Net electric plant in service (L20 + L21)		\$ (188,020)
23	Materials and supplies		\$ -
24	Total Working Capital	NC3040-1	\$ 42,360
25	Accumulated deferred income taxes	NC3040-1	\$ (9,891)
26	Operating reserves		
27	Construction Work in Progress		
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ (155,551)

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Line No.	Description	Total System	NC Retail Allocation	Total NC Retail
1	<u>Impact to Income Statement Line Items</u>			
2	<u>Depreciation and amortization:</u>			
3	Production Plant (310-348)	\$ 231,599 [1]	66.9690% [2]	\$ 155,099
4	Transmission Plant (350-359)	9,531 [1]	48.1470% [3]	4,589
5	Distribution Plant (360-387)	37,386 [1]	74.0820% [4]	27,696
6	General Plant (389-399)	376 [1]	68.1625% [5]	256
7	Adjust deprec. and amort. for new rates (Sum L3 through L6)	\$ 278,891		\$ 187,641
8				
9	Adjust to deprec. and amort. for costs recovered in riders	\$ 565 [7]		\$ 379 [7]
10	Adjust to deprec. and amort. for the steam deferral			(37,584) [8]
11	Add amortization for Allen Unit 4 unrecovered reserve			(4,776) [9]
12				-
13	Impact to depreciation and amortization (L7 + L9 + L10 + L11)			\$ 145,660
14				
15	Statutory tax rate			23.3503% [6]
16	Impact to income taxes (-L13 x L15)			\$ (34,012)
17				
18	Impact to operating income (-L13 - L16)			\$ (111,648)
19				
20	<u>Impact to Rate Base Line Items</u>			
21	<u>Accumulated depreciation and amortization:</u>			
22	Production (-L3 - NC3040-4 Sum L1-L6)			\$ (155,488)
23	Transmission (-L4 - NC3040-4 L7)			(4,586)
24	Distribution (-L5 - NC3040-4 L8)			(27,690)
25	General (-L6)			(256)
26	Adjust to accum. deprec. (Sum L22 through L25)			\$ (188,020)
27				
28	Reg Asset first year amortization steam deferral (-L10)			\$ 37,584
29	Reg Liability first year amortization Allen Unit 4 (-L11)			4,776
30	Impact to working capital investment (L28 + L29)			\$ 42,360
31				
32	Deferred Tax Rate			23.3503% [6]
33	Impact to accumulated deferred income tax (-L30 x L32)			\$ (9,891)
34				
35	Impact to rate base (L26 + L30 + L33)			\$ (155,551)

[1] NC3040-2 - Comparison of Current and Proposed Depreciation as of December 31, 2021

[2] Allocation Factor - All Production Demand - Jur

[3] Allocation Factor - All Transmission Demand - Jur

[4] Allocation Factor - All - Dist Plant - DEC - Jur

[5] Allocation Factor - All - General Plant - Jur

[6] NC1010-4 2022 Calculation of Tax Rates, Line 10

[7] NC3040-4 - Comparison of Current and Proposed Depreciation as of December 31, 2021 - Costs recovered through riders

[8] NC3040-3 Sub Critical Steam Units Comparison of Accelerated Retirement Proposed Depreciation and Non-accelerated Retirement Depreciation as of December 31, 2021

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Comparison of Current and Proposed Depreciation as of December 31, 2021

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NC3040-2 Comparison

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Line No.	Description	<u>CURRENT</u> Calculated Annual Accrual a	Current Rate b	<u>PROPOSED</u> Calculated Annual Accrual c	Proposed Rate d	Adjustment Amount e = c - a
1	TOTAL STEAM PRODUCTION PLANT (311-317)	\$ 329,660,335	3.85%	\$ 533,432,955	6.24%	\$ 203,772,620
2	TOTAL NUCLEAR PRODUCTION PLANT (321-326)	194,502,834	2.13%	202,087,899	2.21%	7,585,065
3	TOTAL HYDRAULIC PRODUCTION PLANT (331-337)	50,119,327	2.00%	57,821,777	2.31%	7,702,450
4	TOTAL OTHER PRODUCTION PLANT (341-348)	110,476,932	3.26%	123,027,119	3.63%	12,550,187
5	TOTAL PRODUCTION (Sum L1: L4)	<u>\$ 684,759,428</u>		<u>\$ 916,369,750</u>		<u>\$ 231,610,322</u>
6						
7	TOTAL TRANSMISSION PLANT (352-359)	\$ 106,292,693	2.23%	\$ 115,845,696	2.43%	\$ 9,553,003
8	TOTAL DISTRIBUTION PLANT (361-387)	314,376,824	2.18%	351,764,448	2.44%	37,387,624
9	TOTAL GENERAL PLANT (390-399)	74,714,155	5.49%	72,301,569	5.31%	(2,412,586)
10	GENERAL PLANT RESERVE AMORTIZATION	(13,907,418)		(11,071,465)		2,835,953
11						
12	TOTAL ACCOUNT 310	-	0.00%	-	-	-
13	TOTAL ACCOUNT 320	16,176	1.69%	7,955	0.83%	(8,221)
14	TOTAL ACCOUNT 330	144,192	0.62%	140,808	0.60%	(3,384)
15	LAND RIGHTS - ACCOUNT 340.00	383	4.98%	323	4.20%	(60)
16	RIGHTS OF WAY - ACCOUNT 350.00	1,687,998	1.03%	1,665,627	1.02%	(22,371)
17	RIGHTS OF WAY - ACCOUNT 360.00	116,612	1.25%	116,031	1.24%	(581)
18	LAND RIGHTS - ACCOUNT 360.20	7,637	1.36%	6,879	1.22%	(758)
19	LAND RIGHTS - ACCOUNT 389.00	2	1.50%	2	1.21%	(0)
20	RIGHTS OF WAY - ACCOUNT 389.20	6,657	1.21%	7,198	1.31%	541
21						
22	TOTAL DEPRECIABLE PLANT (Sum L5: L20)	<u>\$ 1,168,215,339</u>		<u>\$ 1,447,154,821</u>		<u>\$ 278,939,482</u>
23						
24	GENERAL PLANT - TRANSPORTATION EQUIPMENT [2]	\$ 430,135		\$ 478,142		\$ 48,007
25						
26	TOTAL DEPRECIABLE PLANT - ACCOUNT 403 (L22 - L24)	<u>\$ 1,167,785,204</u>		<u>\$ 1,446,676,679</u>		<u>\$ 278,891,475</u>

[1] Information provided by Duke Energy Carolinas - Asset Accounting (Duke Energy Carolinas Depreciation Study)

[2] Depreciation expense on Vehicles is recorded to 803 accounts, rather than 403 accounts. Therefore the depreciation expense associated with these assets is excluded from the schedule above.

NC3040-2 Comparison
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NC3040-3 Reg Asset
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Sub Critical Steam Units Comparison of Accelerated Retirement Proposed Depreciation and Non-accelerated Retirement Depreciation as of December 31, 2021

Line No.	Description	Non-accelerated Retirement Annual Accrual a	PROPOSED Accelerated Retirement Annual Accrual b	Adjustment Amount c = b - a	NC Retail Allocation	Total NC Retail
1	Impact to Income Statement Line Items					
2						
3	MARSHALL UNIT 1	\$ 22,601,855 [1]	\$ 33,979,159 [1]	\$ 11,377,304		
4	MARSHALL UNIT 2	9,311,585 [1]	14,751,666 [1]	5,440,081		
5	ALLEN	68,345,207 [1]	128,287,858 [1]	59,942,651		
6	CLIFFSIDE UNIT 5 (J.E. ROGERS)	39,656,418 [1]	75,138,030 [1]	35,481,612		
7	Total Increase in Depreciation Expenses for Subcritical Units	\$ 139,915,065	\$ 252,156,713	\$ 112,241,648	66.9690% [2]	\$ 75,167,057
8						
9	Annual amount of proposed increase to be deferred to regulated asset (50%)					<u>\$ 37,583,529</u>

[1] Information provided by Duke Energy Carolinas - Asset Accounting

[2] Allocation Factor - All Production Demand

E1-10
NC3040-3 Reg Asset
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E1-10
NC3040-4 Solar
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Comparison of Current and Proposed Depreciation as of December 31, 2021 - Costs recovered through riders

Line No.	Description	CURRENT		PROPOSED		Adjustment Amount	System Adjustment	NC Retail Allocation	Total NC Retail
		Calculated Annual Accrual [1]	Current Rate [1]	Calculated Annual Accrual [8]	Proposed Rate [8]				
1	Solar PVDG	\$ 1,673,801	5.76%	\$ 1,428,072	4.92%	\$ (245,729)	\$ 99,520 [2]	66.9690% [9]	\$ 66,648
2	Solar Monroe	5,437,969	5.06%	5,088,690	4.74%	(349,279)	14,320 [3]	66.9690% [9]	9,590
3	Solar Mocksville	1,619,077	5.09%	1,466,695	4.61%	(152,382)	5,638 [4]	66.9690% [9]	3,776
4	Solar Woodleaf	687,174	4.94%	646,326	4.65%	(40,848)	1,675 [5]	66.9690% [9]	1,122
5	Solar Gaston	1,996,560	5.15%	1,805,484	4.66%	(191,076)	191,076 [6]	66.9690% [9]	127,961
6	Solar Maiden Creek	4,442,136	5.14%	4,173,587	4.83%	(268,549)	268,549 [6]	66.9690% [9]	179,845
7	CPRE - Transmission plant	72,321	2.23%	78,841	2.43%	6,520	(6,520) [7]	48.1470% [10]	(3,139)
8	CPRE - NC Distribution plant	77,584	2.18%	86,695	2.44%	9,111	(9,111) [7]	74.0820% [11]	(6,749)
9	Total Solar above (Sum L1:L8)	\$ 16,006,623		\$ 14,774,390		\$ (1,232,233)	\$ 565,148		\$ 379,053

[1] NC3010-3 - Adjustment to Annualize Depreciation Expense at 12/31/21 - Costs recovered through riders

[2] Per NC2030-3.1 REPS, 40.50% of Solar PVDG costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[3] Per NC2030-3.1 REPS, 4.10% of Solar Monroe costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[4] Per NC2030-3.1 REPS, 3.70% of Solar Mocksville costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[5] Per NC2030-3.1 REPS, 4.10% of Solar Woodleaf costs are collected in the REPS rider and should be excluded for purposes of this analysis.

[6] Per NC2030-10.2 CPRE, 100% of Solar Gaston and Maiden Creek costs are collected in the CPRE rider and should be excluded for purposes of this analysis.

[7] Per NC2030-10.2 CPRE, 100% of network upgrades related to late/advanced stage solar costs are collected in the CPRE rider and should be excluded for purposes of this analysis.

[8] Information provided by Duke Energy Carolinas - Asset Accounting (Duke Energy Carolinas Depreciation Study)

[9] Allocation Factor - All - Production Demand - Jur

[10] Allocation Factor - All - Transmission Demand - Jur

[11] Allocation Factor - All - Dist Plant - DEC - Jur

E1-10
NC3040-4 Solar
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Adjust for Transmission Merger Mitigation Project
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E1-10
NC3070 Narrative
Application

E1-10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts income taxes, depreciation and amortization expense, electric plant in service and accumulated depreciation to remove the impact of the Progress merger costs included in other proformas.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

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NC3070 Summary
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Line No	Impacted Income Statement Line Items	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	NC3070-1	\$ (10)
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC3070-1	\$ 2
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (8)
17			
18	Operating income (L3-L16)		\$ 8
			Total NC Retail Application
19	<u>Rate Base</u>	Source	
20	Electric plant in service	NC3070-1	\$ 655
21	Accumulated depreciation and amortization	NC3070-1	\$ 470
22	Net electric plant in service (L20 + L21)	NC3070-1	\$ 1,125
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ 1,125

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E1-10
NC3070-1 Calculation
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Application

Line No.	Description	Total System	NC Retail Allocation	Total NC Retail
1				
2	Remove Depreciation related to TEP assets	\$ (21) [1]	48.1470% [2]	\$ (10)
3	Impact to depreciation and amortization (L2)	\$ (21)		\$ (10)
4				
5	Statutory tax rate	23.3503% [3]		23.3503%
6	Impact to income taxes (-L3 x L5)	\$ 5		\$ 2
7				
8	Impact to operating income (-L3 - L6)	\$ 16		\$ 8
9				
10	Remove TEP assets electric plant in service	\$ 1,360 [1]	48.1470% [2]	\$ 655
11	Remove TEP assets accumulated depreciation	977 [1]	48.1470% [2]	470
12	Impact to rate base (L10 + L11)	\$ 2,337		\$ 1,125

[1] NC3070-2 - Impacts

[2] NC Retail Allocation Factor - All Transmission Demand

[3] NC1010-4 2022 Calculation of Tax Rates, Line 10

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Progress Cost to Achieve Asset Impacts

Line No.	Description	Plant in Service 12/31/2021	Current Rate	Calculated Annual Accrual	Actual 12ME Depr Booked	Difference
1	<u>Impact to Income Statement Line Items</u>					
2	Transmission - Gross Projects	\$ 28,849 [1]	2.23% [2]	\$ 643	\$ 647	\$ (4)
3	Transmission Expansion Projects (TEP) - Impairment Projects	(8,326) [1]	0.00% [2]	(647)	(647) [2]	-
4	Impact of TEP assets to depr exp in NC3010 (L2 + L3)	\$ 20,523		\$ (4)	\$ -	\$ (4)
5						
6						
7						
8		Plant in Service 12/31/2021	Current Rate	CURRENT Calculated Annual Accrual	PROPOSED Calculated Annual Accrual	Adjustment Amount
9						
10	Transmission - Gross Projects	\$ 28,849 [1]	2.23% [2]	\$ 643	2.43% [3] \$ 701	\$ 58
11	Transmission Expansion Projects (TEP) - Impairment Projects	(8,326) [1]	0.00% [2]	-	0.00% -	-
12	Impact of TEP assets to depr exp in NC3040 (L10 + L11)	\$ 20,523		\$ 643	\$ 701	\$ 58
13						
14		Forecasted Net Change through 7/31/2023			Proposed Rate 2.43% [3]	Depr. Exp (33)
15						
16						
17						
18	Impact of TEP assets to depr exp in NC3030	\$ (1,360) [1]				\$ (33)
19						
20	Impact to depreciation and amortization (L4 + L12 + L18)					\$ 21
21						
22		Forecasted Net Change through 7/31/2023				Adjustment Amount
23						
24						
25						
26	<u>Impact to Rate Base Line Items</u>					
27	Impact of TEP assets to electric plant in service in NC3030	\$ (1,360) [1]				\$ (1,360)
28						
29	Impact of TEP assets to accumulated depreciation in NC3030-3	\$ (1,003) [1]				\$ (1,003)
30						
31		Forecasted Plant in Service 7/31/2023	Current Rate	Calculated Annual Accrual	Forecasted 12ME Depr Booked	Difference
32						
33						
34	Transmission - Gross Projects	\$ 26,779 [1]	2.23% [2]	\$ 597	\$ 623 [1]	\$ (26)
35	Transmission Expansion Projects (TEP) - Impairment Projects	(7,616) [1]	0.00% [2]	(623)	(623) [1]	-
36	Impact of TEP assets to accum depr in NC3030-5 (L34 + L35)	\$ 19,163		\$ (26)	\$ -	\$ 26
37						
38	Impact to accumulated depreciation (L29 + L36)					\$ (977)
39						
40	Total net plant (L27 + L38)					\$ (2,337)

[1] NC3070-3 - Balances

[2] NC3010-2 - Adjustment to Annualize Depreciation Expense at December 31, 2021

[3] NC3040-2 - Comparison of Current and Proposed Depreciation as of December 31, 2021

[4] Electric plant in service and accumulated depreciation balances at 12/31/2021 related to the Transmission Expansion Projects are excluded in COSS in lines 350-359 TRNSM PLANT-MITIGATION-EXCL and 108-111 AD-TRNSM-MITIGATION-EXCL.

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NC3070-2 Impacts
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Progress Cost to Achieve - Monthly Asset Amounts

Line No.	Description	ACTUALS [1]						FORECAST [2]									
		Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23
1																	
2	<u>Electric Plant in Service - Balances</u>																
3	Transmission - Gross Projects	\$ 28,849	\$ 28,849	\$ 28,849	\$ 28,849	\$ 26,779	\$ 26,779	\$ 26,779	\$ 26,779	\$ 26,779	\$ 26,779	\$ 26,779	\$ 26,779	\$ 26,779	\$ 26,779	\$ 26,779	\$ 26,779
4	Transmission Expansion Projects (TEP) - Impairment Projects	(8,326)	(8,148)	(7,971)	(7,793)	(7,616)	(7,438)	(7,261)	(7,616)	(7,616)	(7,616)	(7,616)	(7,616)	(7,616)	(7,616)	(7,616)	(7,616)
5	Balance in Plant in Service related to Transmission Expansion Projects (TEP)	\$ 20,523	\$ 20,700	\$ 20,878	\$ 21,055	\$ 19,163	\$ 19,340	\$ 19,518	\$ 19,163	\$ 19,163	\$ 19,163	\$ 19,163	\$ 19,163	\$ 19,163	\$ 19,163	\$ 19,163	\$ 19,163
6																	
7	<u>Accumulated Depreciation - Balances</u>																
8	Accumulated Depreciation related to Transmission Expansion Projects (TEP)	\$ (4,652)	\$ (4,708)	\$ (4,764)	\$ (4,820)	\$ (4,876)	\$ (4,928)	\$ (4,980)	\$ (5,032)	\$ (5,084)	\$ (5,136)	\$ (5,188)	\$ (5,240)	\$ (5,292)	\$ (5,344)	\$ (5,396)	\$ (5,447)
9																	
10	<u>Depreciation Expense - Activity</u>																
11	Depreciation Expense on Gross Projects	\$ 56	\$ 56	\$ 56	\$ 56	\$ 56	\$ 52	\$ 52	\$ 52	\$ 52	\$ 52	\$ 52	\$ 52	\$ 52	\$ 52	\$ 52	\$ 52
12	Amortization of Impairment	(56)	(56)	(56)	(56)	(56)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)	(52)
13	Depreciation Expense related to Transmission Expansion Projects (TEP)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

[1] Actual amounts provided by Duke Energy Carolinas - Asset Accounting
[2] Forecasted Plant in Service amounts provided by Duke Energy - Carolinas Planning and Forecasting

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Progress Cost to Achieve - Monthly Asset Amounts

Line No.	Description	FORECAST [2]				Net Change
		Apr-23	May-23	Jun-23	Jul-23	
1						
2	<u>Electric Plant in Service - Balances</u>					
3	Transmission - Gross Projects	\$ 26,779	\$ 26,779	\$ 26,779	\$ 26,779	\$ (2,070)
4	Transmission Expansion Projects (TEP) - Impairment Projects	(7,616)	(7,616)	(7,616)	(7,616)	710
5	Balance in Plant in Service related to Transmission Expansion Projects (TEP)	\$ 19,163	\$ 19,163	\$ 19,163	\$ 19,163	\$ (1,360)
6						
7	<u>Accumulated Depreciation - Balances</u>					
8	Accumulated Depreciation related to Transmission Expansion Projects (TEP)	\$ (5,499)	\$ (5,551)	\$ (5,603)	\$ (5,655)	\$ (1,003)
9						
10	<u>Depreciation Expense - Activity</u>					
11	Depreciation Expense on Gross Projects	\$ 52	\$ 52	\$ 52	\$ 52	
12	Amortization of Impairment	(52)	(52)	(52)	(52)	
13	Depreciation Expense related to Transmission Expansion Projects (TEP)	\$ -	\$ -	\$ -	\$ -	

[1] Actual amounts provided by Duke Energy Carolinas - Asset Accounting
[2] Forecasted Plant in Service amounts provided by Duke Energy - Carolinas Planning and Forecasting

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Amortized Deferred Environmental ARO Costs
For the Test Period Ending December 31, 2021

E1-10
NC4010 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro-forma adjusts amortization expense, income taxes and rate base for the amortization of deferred environmental costs related to the removal of coal ash.

The impact to depreciation expense reflects a 5 year amortization of deferred costs to remove coal ash costs. The balance of the deferral is projected through December 31, 2023 and includes a return during the deferral period.

The impact to Rate Base includes the additional deferred costs through December 31, 2022 and additional ADIT on the deferred balance change.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
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NC4010 Summary
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Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	NC4010-1	\$ 39,914
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC4010-1	\$ (9,320)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 30,594
17			
18	Operating income (L3-L16)		\$ (30,594)
19	<u>Rate Base</u>		
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital	NC4010-1	\$ 159,657
25	Accumulated deferred income taxes	NC4010-1	\$ (37,280)
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ 122,377

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NC4010-1 Cal
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Line No.	Description	Total Coal Ash ARO NC Retail
1		
2	Projected ending balance at December 31, 2023	\$ 369,278 [1]
3	<u>Insurance Proceeds</u>	<u>(169,706) [3]</u>
4	Balance for Amortization	\$ 199,572
5		
6	Years to Amortize	5
7		
8	Annual amortization (L4/L6)	\$ 39,914
9		
10	Statutory tax rate	23.35% [2]
11		
12	Impact to income taxes (-L8 x L10)	\$ (9,320)
13		
14	Impact to operating income (-L8 - L12)	<u>\$ (30,594)</u>
15		
16	<u>Impact to Rate Base</u>	
17		
18	Projected December 31, 2023 Balance for Rate Base (L4)	\$ 199,572
19	Less 12 months Coal Ash Deferral Amortization (-L8)	<u>(39,914)</u>
20	Projected coal ash def bal after one year of amortization (L18 + L19)	\$ 159,657
21		
22	Deferred tax rate	23.3503%
23	Impact to accumulated deferred income tax (-L20 x L22)	\$ (37,280)
24		
25	Impact to rate base (L20 + L23)	<u>\$ 122,377</u>

[1] NC4010-2 - ARO Deferral Col (k) line 48

[2] NC1010-4 2022 Calculation of Tax Rates, Line 10

[3] NC4010-6 Ins Proceeds Def Col (j) Line 48

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Amortized Deferred Environmental ARO Costs
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E-7 Sub 1146 until Apr 2021
E-7 Sub 1214 from May 2021

After Tax
LTD Rate
0.140%

After Tax
Equity Rate
0.429%
0.416%

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NC4010-2 ARO
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Calculation of Deferral - Projected Ending Balance

Duke Energy Carolinas Coal Ash Deferral (North Carolina Retail)												
Line No.	Month	System Spend (a)	% to NCR [1] for Spend [2] (b)	E-7 Sub 1214 Settlement Agreement (c)	Beginning Balance (d)=(k) PM + (c)	Over Amort Tranche 1 (e)	NCR Retail Spend (f)=(a)x(b) \$	Balance for Return (g)=(d)+(e)+(f)/2	Compounded Monthly		Total Return (j)=(h)+(i) \$	Ending Balance (k)=(d)+(e)+(f)+(j) \$
									Def. Cost of Debt (h)	Def. Cost of Equity (i)		
1	Jan-20	\$ -	0.668438		-	-	8,629	4,315	\$ -	\$ -	\$ -	8,654
2	Feb-20	12,910	0.668438		-	-	11,643	14,475	20	62	82	20,379
3	Mar-20	17,418	0.668438		8,654	-	10,588	25,673	36	110	146	31,113
4	Apr-20	15,840	0.668438		20,379	-	11,326	36,776	52	158	209	42,649
5	May-20	16,944	0.668438		31,113	-	8,336	46,817	66	201	266	51,251
6	Jun-20	12,471	0.668438		42,649	-	10,912	56,707	79	243	323	62,486
7	Jul-20	16,325	0.668438		51,251	-	8,662	66,817	94	287	380	71,528
8	Aug-20	12,958	0.668438		62,486	-	7,710	75,382	106	323	429	79,666
9	Sep-20	11,534	0.668438		71,528	-	7,531	83,432	117	358	475	87,672
10	Oct-20	11,266	0.668438		79,666	-	7,832	91,588	128	393	521	96,025
11	Nov-20	11,717	0.668438		87,672	-	8,370	100,210	140	430	570	104,966
12	Dec-20	12,522	0.668438		96,025	-	7,185	558	1	2	3	4,154
13	Jan-21	10,694	0.671865	(108,000) [3]	(3,034)	-	5,050	6,679	9	29	38	9,241
14	Feb-21	7,516	0.671865		4,154	-	10,096	14,289	20	61	81	19,419
15	Mar-21	15,026	0.671865		9,241	-	12,630	25,734	36	110	146	32,195
16	Apr-21	18,799	0.671865		19,419	-	12,094	38,242	50	159	209	44,498
17	May-21	18,001	0.671865		32,195	-	13,520	51,259	67	213	280	58,299
18	Jun-21	20,123	0.671865		44,498	-	7,999	62,299	82	259	341	66,639
19	Jul-21	11,906	0.671865		58,299	-	9,102	71,190	93	296	389	76,131
20	Aug-21	13,548	0.671865		66,639	-	8,929	80,595	106	335	441	85,500
21	Sep-21	13,290	0.671865		76,131	-	9,196	90,098	118	375	493	95,189
22	Oct-21	13,687	0.671865		85,500	-	11,993	101,185	132	421	553	107,735
23	Nov-21	17,850	0.671865		95,189	-	12,762	114,116	149	475	624	121,122
24	Dec-21	18,995	0.671865		107,735	-	6,900	124,572	163	518	681	128,703
25	Jan-22	10,258	0.672646		121,122	-	6,203	131,804	173	548	721	135,626
26	Feb-22	9,221	0.672646		128,703	-	10,904	141,078	185	587	772	147,302
27	Mar-22	16,211	0.672646		135,626	-	10,379	152,492	200	634	834	158,515
28	Apr-22	15,431	0.672646		147,302	-	10,576	163,803	214	681	896	169,987
29	May-22	15,722	0.672646		158,515	-	12,550	176,262	231	733	964	183,501
30	Jun-22	18,658	0.672646		169,987	-	12,410	189,706	248	789	1,038	196,948
31	Jul-22	18,450 [5]	0.672646		183,501	-	12,410	203,153	266	845	1,111	210,469
32	Aug-22	18,450 [5]	0.672646		196,948	-	12,410	216,675	284	901	1,185	224,065
33	Sep-22	18,450 [5]	0.672646		210,469	-	12,410	230,270	301	958	1,259	237,734
34	Oct-22	18,450 [5]	0.672646		224,065	-	12,410	243,939	319	1,015	1,334	251,478
35	Nov-22	18,450 [5]	0.672646		237,734	-	12,410	257,683	337	1,072	1,409	265,298
36	Dec-22	18,450 [5]	0.672646		251,478	-	12,863	271,729	356	1,130	1,486	279,647
37	Jan-23	19,123 [5]	0.672646		265,298	-	12,863	286,078	375	1,190	1,565	294,075
38	Feb-23	19,123 [5]	0.672646		279,647	-	12,863	300,506	393	1,250	1,644	308,581
39	Mar-23	19,123 [5]	0.672646		294,075	-	12,863	315,013	412	1,310	1,723	323,167
40	Apr-23	19,123 [5]	0.672646		308,581	-	12,863	329,599	432	1,371	1,803	337,833
41	May-23	19,123 [5]	0.672646		323,167	-	12,863	344,264	451	1,432	1,883	352,579
42	Jun-23	19,123 [5]	0.672646		337,833	-	12,863	359,010	470	1,493	1,963	367,405
43	Jul-23	19,123 [5]	0.672646		352,579	(8,062) [4]	-	359,344	470	1,495	1,965	361,309
44	Aug-23	367,405			367,405	[6]	-	361,309	473	1,503	1,976	363,285
45	Sep-23	361,309			361,309	-	-	363,285	476	1,511	1,987	365,272
46	Oct-23	363,285			363,285	-	-	365,272	478	1,520	1,998	367,270
47	Nov-23	365,272			365,272	-	-	367,270	481	1,528	2,009	369,278
48	Dec-23	367,270			367,270	-	-					
47 Total		661,399		(108,000)		(8,062)	444,108				41,232	

- [1] From NC4010-3 ARO Spend
[2] Allocated based on Megawatt at generation from prior year as noted on NC4010-4 Alloc Factors
[3] Docket E-7 Sub 1214 CCR Settlement DEC to forbear from seeking recovery of \$108 million on any regulatory asset it establishes and is found by the Commission to be prudently incurred and reasonable in order to defer for recovery Future CCR Costs
[4] Docket E-7 Sub 1146 Proforma NC-1800 Amortization for Revenue Requirement
[5] Forecast to be updated with actuals
[6] Anticipated start of interim rates which would remove the amortization expense.

NC4010-2 ARO Deferral
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NC4010-3 ARO Spend
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Duke Energy Carolinas - System Spend - Coal Ash ARO [1]

Line No.	Month	2020 Actuals	2021 Actuals	2022 Actuals	2022 Forecast	2023 Forecast
1	January		10,694	10,258		19,123
2	February	12,910	7,516	9,221		19,123
3	March	17,418	15,026	16,211		19,123
4	April	15,840	18,799	15,431		19,123
5	May	16,944	18,001	15,722		19,123
6	June	12,471	20,123	18,658		19,123
7	July	16,325	11,906		18,450	19,123
8	August	12,958	13,548		18,450	
9	September	11,534	13,290		18,450	
10	October	11,266	13,687		18,450	
11	November	11,717	17,850		18,450	
12	December	12,522	18,995		18,450	
13	Total	\$ 151,904	\$ 179,435	\$ 85,500	\$ 110,698	\$ 133,862

Duke Energy Carolinas - System Spend - Coal Ash ARO by Station [1]

	2020 Actuals	2021 Actuals	1/2022-6/2022 Actuals	7/2022-12/2022 Forecast	1/2023-7/2023 Forecast
1 Allen	8,352	29,638	12,066	16,302	24,341
2 Belews Creek	14,500	26,259	16,793	23,360	24,913
3 Buck	63,397	14,017	8,886	12,247	10,419
4 Cliffside	22,352	29,867	14,506	17,541	20,929
5 Dan River	15,475	1,024	277	444	799
6 WS Lee	6,509	22,258	18,788	17,064	12,074
7 Marshall	18,566	55,836	14,014	23,291	39,476
8 Riverbend	2,753	535	170	447	911
Total	\$ 151,904	\$ 179,435	\$ 85,500	\$ 110,698	\$ 133,862

[1] System spend excludes any amount for bottled water, and for any beneficial reuse recovered through the fuel clause.

Source: Duke Energy EHS & CCP Finance

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NC4010-4 Alloc Factors
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Allocation Factor - MWHs at Generation

		TOTAL SYSTEM	NORTH CAROLINA	SOUTH CAROLINA	WHOLESALE NORTH	WHOLESALE SOUTH
TOTAL KW	2019	91,632,328	61,250,523	22,400,744	3,639,380	4,341,681
Alloc %			66.8438%	24.4463%	3.9717%	4.7382%
TOTAL KW	2020	88,193,688	59,254,276	21,338,163	3,420,342	4,180,907
Alloc %			67.1865%	24.1947%	3.8782%	4.7406%
TOTAL KW	2021	86,329,209	58,069,000	20,481,870	3,483,329	4,295,010
Alloc %			67.2646%	23.7253%	4.0349%	4.9752%

Source: Rates COS Study

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NC4010-5 Cost of Capital
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Weighted Average Cost of Capital

Duke Energy Carolinas, LLC
E-7, Sub 1146
For the test period ended December 31, 2016
Rates Effective August 2018

Description	Capital Structure	Cost/Return	Weighted Cost/Return	Income Taxes Factor	After Tax Return	Income Taxes Factor	Before Tax Return Excluding Gross Receipts Tax and Regulatory Fee
Long-term debt	48.00%	4.59%	2.20%	0.763381	1.68%	1.000000	2.2032%
Common equity	52.00%	9.90%	5.15%	1.000000	5.15%	0.763381	6.7437%
Total	<u>100.00%</u>		<u>7.35%</u>		<u>6.83%</u>		<u>8.95%</u>
Tax Rate 2020	23.662%						

Duke Energy Carolinas, LLC
E-7, Sub 1214
For the test period ended December 31, 2018
Rates Effective 6/1/2021

Description	Capital Structure	Cost/Return	Weighted Cost/Return	Income Taxes Factor	After Tax Return	Income Taxes Factor	Before Tax Return Excluding Gross Receipts Tax and Regulatory Fee
Long-term debt	48.00%	4.27%	2.05%	0.766497	1.57%	1.000000	2.0496%
Common equity	52.00%	9.60%	4.99%	1.000000	4.99%	0.766497	6.5127%
Total	<u>100.00%</u>		<u>7.04%</u>		<u>6.56%</u>		<u>8.56%</u>
Tax Rate 2021	23.350%						

*Effective date for application of new Capital structure **May** 2021

DUKE ENERGY CAROLINAS, LLC

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Amortized Deferred Environmental ARO Costs

For the Test Period Ending December 31, 2021

(dollars in thousands)

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NC4010-6 Ins Proceeds Def
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Application
After Tax
LTD Rate
2020 0.140%
2021 May 0.131%
After Tax
Equity Rate
0.429%
0.416%

Calculation of Insurance Proceeds to pass back to customers							Duke Energy Carolinas Coal Ash Deferral (North Carolina Retail)						
Line No.	Month	System Proceeds (a)	% to NCR [1] for Spend [2] (b)		NC Retail Proceeds (c)=(a)x(b)	NC Retail Cumulative Proceeds	Proceeds per Settlement (d)	Beginning Balance (e)=(k) PM + (d)	NCR Balance for Return (f)=(e)+(d))/2	Compounded Monthly		Total Return (i)=(g)+(h)	Ending Balance (j)=(d)+(e)+(i)
										Def. Cost of Debt (g)	Def. Cost of Equity (h)		
1	Jan-20	\$ -	0.668438		\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Feb-20		0.668438		-	-	-	-	-	-	-	-	-
3	Mar-20		0.668438		-	-	-	-	-	-	-	-	-
4	Apr-20		0.668438		-	-	-	-	-	-	-	-	-
5	May-20		0.668438		-	-	-	-	-	-	-	-	-
6	Jun-20		0.668438		-	-	-	-	-	-	-	-	-
7	Jul-20		0.668438		-	-	-	-	-	-	-	-	-
8	Aug-20	-	0.668438		-	-	-	-	-	-	-	-	-
9	Sep-20		0.668438		-	-	-	-	-	-	-	-	-
10	Oct-20		0.668438		-	-	-	-	-	-	-	-	-
11	Nov-20		0.668438		-	-	-	-	-	-	-	-	-
12	Dec-20		0.668438		-	-	-	-	-	-	-	-	-
13	Jan-21		0.671865		-	-	-	-	-	-	-	-	-
14	Feb-21		0.671865		-	-	-	-	-	-	-	-	-
15	Mar-21		0.671865		-	-	-	-	-	-	-	-	-
16	Apr-21		0.671865		-	-	-	-	-	-	-	-	-
17	May-21		0.671865		-	-	-	-	-	-	-	-	-
18	Jun-21		0.671865		-	-	-	-	-	-	-	-	-
19	Jul-21		0.671865		-	-	-	-	-	-	-	-	-
20	Aug-21		0.671865		-	-	-	-	-	-	-	-	-
21	Sep-21		0.671865		-	-	-	-	-	-	-	-	-
22	Oct-21		0.671865		-	-	-	-	-	-	-	-	-
23	Nov-21		0.671865		-	-	-	(147,269)	(147,269)	(193)	(613)	(805)	(148,074)
24	Dec-21		0.671865		-	-	-	(148,074)	(148,074)	(194)	(616)	(810)	(148,884)
25	Jan-22		0.672646		-	-	-	(148,884)	(148,884)	(195)	(619)	(814)	(149,698)
26	Feb-22		0.672646		-	-	-	(149,698)	(149,698)	(196)	(623)	(819)	(150,517)
27	Mar-22		0.672646		-	-	-	(150,517)	(150,517)	(197)	(626)	(823)	(151,340)
28	Apr-22		0.672646		-	-	-	(151,340)	(151,340)	(198)	(630)	(828)	(152,168)
29	May-22		0.672646		-	-	-	(152,168)	(152,168)	(199)	(633)	(832)	(153,000)
30	Jun-22		0.672646		-	-	-	(153,000)	(153,000)	(200)	(636)	(837)	(153,837)

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DUKE ENERGY CAROLINAS, LLC
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(dollars in thousands)

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NC4010-6 Ins Proceeds Def
Application
After Tax
LTD Rate
Equity Rate
2020 0.000% 0.000%
2021 May 0.000% 0.000%

Calculation of Insurance Proceeds to pass back to customers							Duke Energy Carolinas Coal Ash Deferral (North Carolina Retail)						
Line No.	Month	System Proceeds (a)	% to NCR for Spend [1] [2]		NC Retail Proceeds (c)=(a)x(b)	NC Retail Cumulative Proceeds	Proceeds per Settlement (d)	NCR		Compounded Monthly Def. Cost of Debt (g)	Def. Cost of Equity (h)	Total Return (i)=(g)+(h)	Ending Balance (j)=(d)+(e)+(i)
								Beginning Balance (e)=(k) PM + (d)	Balance for Return (f)=(e)+(d))/2				
31	Jul-22		0.672646		-			(153,837)	(153,837)	(201)	(640)	(841)	(154,678)
32	Aug-22		0.672646		-			(154,678)	(154,678)	(203)	(643)	(846)	(155,524)
33	Sep-22		0.672646		-			(155,524)	(155,524)	(204)	(647)	(851)	(156,375)
34	Oct-22		0.672646		-			(156,375)	(156,375)	(205)	(651)	(855)	(157,230)
35	Nov-22		0.672646		-			(157,230)	(157,230)	(206)	(654)	(860)	(158,090)
36	Dec-22		0.672646		-	-	-	(158,090)	(158,090)	(207)	(658)	(865)	(158,955)
37	Jan-23				-			(158,955)	(158,955)	(208)	(661)	(869)	(159,824)
38	Feb-23				-			(159,824)	(159,824)	(209)	(665)	(874)	(160,698)
39	Mar-23				-			(160,698)	(160,698)	(210)	(669)	(879)	(161,577)
40	Apr-23				-			(161,577)	(161,577)	(212)	(672)	(884)	(162,461)
41	May-23				-			(162,461)	(162,461)	(213)	(676)	(889)	(163,349)
42	Jun-23				-			(163,349)	(163,349)	(214)	(680)	(893)	(164,243)
43	Jul-23				-			(164,243)	(164,243)	(215)	(683)	(898)	(165,141)
44	Aug-23				-			(165,141)	(165,141)	(216)	(687)	(903)	(166,044)
45	Sep-23				-			(166,044)	(166,044)	(217)	(691)	(908)	(166,952)
46	Oct-23				-			(166,952)	(166,952)	(219)	(695)	(913)	(167,865)
47	Nov-23				-			(167,865)	(167,865)	(220)	(698)	(918)	(168,783)
48	Dec-23				-			(168,783)	(168,783)	(221)	(702)	(923)	(169,706)
47 Total												(23,624)	

[1] From NC4010-7 Insurance Proceeds

[2] Allocated based on Megawatt at generation from prior year as noted on NC4010-4 Alloc Factors

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NC4010-6 Ins Proceeds Def
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[2] Docket E-2 Sub 1219 The Settling Parties agree that Customers will receive one hundred percent (100%) of the first [BEGIN CONFIDENTIAL] [REDACTED] [END CONFIDENTIAL] in NC retail allocable proceeds the Companies receive from any coal ash insurance litigation, without reduction for any attorneys' fees incurred. This amount shall be kept confidential Any coal ash litigation proceeds received above this amount will be shared equally between Customers and the Companies without reduction for any attorneys' fees incurred.

DUKE ENERGY CAROLINAS, LLC
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Remove Expiring Amortizations
For the Test Period Ending December 31, 2021

E1-10
NC5010 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

The impact to other O&M, and depreciation and amortization reflects the elimination of test year costs for regulatory assets that will be fully amortized before the anticipated rates effective date of January 1, 2024.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

The adjustment to working capital eliminates the expiring regulatory assets balances as of 12/31/2021.

The adjustment to accumulated deferred taxes adjusts the tax effect recorded in the test period for the changes in the regulatory assets.

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NC5010 Summary
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Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application	Total NC Retail ARO CCR
1	Sales of Electricity			
2	Other Revenue			
3	Electric operating revenue (L1+L2)		\$ -	\$ -
4				
5	<u>Electric operating expenses:</u>			
6	Operation and maintenance:			
7	Fuel used in electric generation			
8	Purchased power			
9	Other operation and maintenance expense	NC5010-1	(22,142)	
10	Depreciation and amortization	NC5010-1	(5,220)	(110,743)
11	General taxes			
12	Interest on customer deposits			
13	EDIT Amortization			
14	Net income taxes	NC5010-1	6,389	25,859
15	Amortization of investment tax credit			
16	Total electric operating expenses (sum(L7:L15))		\$ (20,973)	\$ (84,884)
17				
18	Operating income (L3-L16)		\$ 20,973	\$ 84,884
19	<u>Rate Base</u>	Source	Total NC Retail Application	Total NC Retail ARO CCR
20	Electric plant in service		\$ -	\$ -
21	Accumulated depreciation and amortization		\$ -	\$ -
22	Net electric plant in service (L20 + L21)		\$ -	\$ -
23	Materials and supplies		\$ -	\$ -
24	Total Working Capital	NC5010-1	\$ -	(175,343)
25	Accumulated deferred income taxes	NC5010-1	\$ -	40,943
26	Operating reserves		\$ -	-
27	Construction Work in Progress		\$ -	-
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -	(134,400)

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NC5010-1 Calculation
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Application

Line No	Description	NC5010-2 <u>Severance</u>	NC5010-3 <u>Buck</u>	NC5010-4 Rate Case <u>Costs</u>	NC5010-5 CCR <u>ARO</u>	Total NC Retail
1	Impact to Income Statement Line items					
2	Other operations and maintenance expense	<u>\$ (21,685)</u>		<u>\$ (457)</u>		<u>\$ (22,142)</u>
3						
4	Depreciation and amortization		<u>\$ (5,220)</u>		<u>\$ (110,743)</u>	<u>\$ (115,963)</u>
5						
6	Taxable income (-L2 - L4)	\$ 21,685	\$ 5,220	\$ 457	\$ 110,743	\$ 138,105
7	Statutory tax rate	23.3503% [1]	23.3503%	23.3503%	23.3503%	23.3503%
8	Impact to income taxes (L6 x L7)	<u>\$ 5,063</u>	<u>\$ 1,219</u>	<u>\$ 107</u>	<u>\$ 25,859</u>	<u>\$ 32,248</u>
9						
10	Impact to operating income (L6 - L8)	<u>\$ 16,621</u>	<u>\$ 4,001</u>	<u>\$ 350</u>	<u>\$ 84,884</u>	<u>\$ 105,857</u>
11						
12	<u>Impact to Rate Base Line Items</u>					
13	Severance					\$ -
14	Buck					-
15	Rate Case Costs					-
16	CCR ARO				<u>\$ (175,343)</u>	<u>(175,343)</u>
17	Impact to working capital (Sum L13 : L16)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (175,343)</u>	<u>\$ (175,343)</u>
18						
19	Deferred tax rate	23.3503% [1]	23.3503%	23.3503%	23.3503%	
20	Impact to accumulated deferred income tax (-L17 x 19)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 40,943</u>	<u>\$ 40,943</u>
21						
22	Impact to rate base (L17 + L20)	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ (134,400)</u>	<u>\$ (134,400)</u>

[1] NC1010-4 - 2022 Calculation of Tax Rates - Statutory Tax Rate, Line 10

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NC5010-1 Calculation
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Remove Expiring Amortizations
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E1-10
NC5010-2 Severance
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Application

Severance

Line No.	Line item	Account	Test year Amortization
1	E-7 Sub 1214 Severance Amortization	0920002 - NC O&M Labor Deferral	\$ 21,685 [1]
2			
3			
4			
5	<u>Remaining Balance as of</u>		<u>12/31/2021</u>
6	E-7 Sub 1214 Severance	0182587 - Deferred Severance Charges	35,675 [2] [3]

[1] E-7 Sub 1214 Proforma NC2000 Amortize Severance Costs.

[2] Per E-7 Sub 1214 settlement agreement, balance was not included in rate base.

[3] Over amortization was applied against Rate case costs. See proforma NC5020 Amortize rate case costs. Balance Fully Amortizes August 2023.

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Remove Expiring Amortizations
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E1-10
NC5010-3 Buck
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Application

E-7 Sub 1026 Buck Early Retired plant

Line		Test year	
<u>No.</u>	<u>Account</u>	<u>Amortization</u>	
1	0407381 - Retired Plant Amort - Retail	\$ 4,701	[1]
2	0407369 - Buck Retired Plant Amort-NC	520	[1]
3	Total Amortization	\$ 5,220	
4			
5		<u>12/31/2021</u>	
6	0182236 - Early Retired Plant	5,876	[1] [2]

[1] Trial balance

[2] Amortization expires in March, 2023. Over amortization was applied to Allen (see proforma NC5060 Amortize Allen NBV). Balance is not in rate base due to levelized recovery.

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NC5010-4 Rate Case
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Application

Rate Case Expense and Regulatory Fee Amortizations

Line No.	Description	Annual Amortization	
1	<u>Rate Case</u>		
2	E7- Sub 989	\$ 247	[1] Expiring
3	E7- Sub 1026	210	[1] Expiring
4	E7 - Sub 1146	525	Not expiring
5	E7 - Sub 1214	801	Not expiring
6	Rate Case Cost Amortization	\$ 1,783	
7			
8	<u>Remaining Balance as of</u>	<u>12/31/2021</u>	
9	<u>Rate Case</u>		
10	E7- Sub 989	\$ -	Expiring
11	E7- Sub 1026	-	Expiring
12	E7 - Sub 1146	4,624	[2] Not expiring
13	E7 - Sub 1214	2,920	Not expiring / not in rate base
14	Total Rate case Deferred Balance	\$ 7,544	[3]

[1] Amortization expired February 2021. Over amortization was applied to E-7 Sub 1146.

[2] Ties to COS account 182 ORA-RATE CASE COSTS-D/A NC Retail

[3] Ties to the Trial Balance sum of accounts 0182323 and 0182433

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Remove Expiring Amortizations
For the Test Period Ending December 31, 2021
(Dollars in thousands)

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NC5010-5 CCR ARO
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Application

ARO Coal Ash Amortization

Line		Test year	
<u>No.</u>	<u>Docket</u>	<u>Amortization</u>	
1	E-7 Sub 1146	\$ 110,743	[1] Expiring
2	E-7 Sub 1214	19,778	[2] Not expiring
3	0407324 - NC & MW Coal As Amort Exp	\$ 130,521	[3]
4			
5			
6	<u>Remaining Rate Base Balance as of</u>	<u>12/31/2021</u>	
7	E-7 Sub 1146	\$ 175,343	Expiring
8	E-7 Sub 1214	149,750	Not Expiring
9	0182506 - Spend RA Amortization (NC&MW)	\$ 325,093	[3]

[1] Docket E-7 Sub 1146 NC1800(F) - Update Amortize deferred environmental costs
[2] Docket E-7 Sub 1214 Proforma NC1100(CA) - Amortize deferred environmental costs
[3] Trial balance

Note: Over amortization was applied against balance being requested in this case. See proforma NC4010 - Amortized Deferred Environmental Cost tab NC4010-2 ARO Deferral column (e).

Balance fully amortized July 2023.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Amortize Rate Case Costs
For the Test Period Ending December 31, 2021

E1-10
NC5020 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This proforma adjusts operation and maintenance expense and income taxes for the amortization of rate case costs for Docket No. E-7, Sub 1214 and for Docket E-7, Sub 1276.

The rate case costs requested for recovery are offset by applying over-amortization of severance to reduce the balance.

Rate case costs associated with Docket E-7 Sub 1276 include actual costs incurred through September 2022 and a projection of costs through rates effective date.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Amortize Rate Case Costs
For the Test Period Ending December 31, 2021
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NC5020 Summary
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Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC5020-1	\$ 3,701
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC5020-1	\$ (864)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 2,837
17			
18	Operating income (L3-L16)		\$ (2,837)
19	<u>Rate Base</u>	Source	Total NC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital	NC5020-1	\$ (284)
25	Accumulated deferred income taxes	NC5020-1	\$ 66
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ (218)

DUKE ENERGY CAROLINAS, LLC
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Amortize Rate Case Costs
For the Test Period Ending December 31, 2021
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NC5020-1 Calc
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Line No.	Description	Total NC Retail
1	NC Retail actual expenses incurred - Docket No. E-7 Sub 1214	\$ 6,990 [1]
2	NC Retail actual expenses incurred - Docket No. E-7 Sub 1276	2,513 [2]
3	NC Retail Projection remaining through rates effective date	2,067 [2]
4	NC Retail rate case expenses total	\$ 11,570
5		
6	Severance - over-amortization	(466) [3]
7		
8	Adjusted NC Retail rate case expenses (L4 + L6)	\$ 11,104
9	Amortization period in years	3
10	Impact to O&M (L8 / L9)	\$ 3,701
11		
12	Statutory tax rate	23.3503% [4]
13	Impact to income taxes (-L10 x L12)	\$ (864)
14		
15	Impact to operating income (-L10 - L13)	\$ (2,837)
16		
17	Impact to Rate Base	NC Retail
18		
19	Deferral of NC Retail rate case expenses (L8)	\$ 11,104
20	Less amounts included in 12/31/2021 rate base balance	(7,687)
21	Less first year of amortization (-L10)	(3,701)
22	Projected Working Capital after first year of amortization (L19 + L20 + L21)	\$ (284)
23		
24	Adjustment to Working Capital (L22)	\$ (284)
25		
26	Change in ADIT on Working Capital (-L24 x L12)	\$ 66

- [1] NC5020-3 - NC Retail Rate Case Expenses Incurred - Docket No. E-7 Sub 1214
[2] NC5020-2 - NC Retail Rate Case Expenses Incurred - Docket No. E-7 Sub 1276
[3] NC5020-4 - Over Amortization
[4] NC1010-4 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Amortize Rate Case Costs
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NC5020-2 E-7 Sub 1276
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NC Retail Rate Case Expenses Incurred - Docket No. E-7 Sub 1276

Account & Descr: 0186195 - DEFERRED RATE CASE EXPENSE
OU & Descr: NCRD - Carolinas Rates - DEC
Process: NCRC19

Line No.	Year	NCRC19	
1	2020 Expenses	\$ 28,912	[1]
2	2021 Expenses	\$ 430,416	[1]
3			
4	Jan 2022	29,240	[1]
5	Feb 2022	101,895	[1]
6	Mar 2022	306,419	[1]
7	Apr 2022	70,382	[1]
8	May 2022	85,644	[1]
9	Jun 2022	76,950	[1]
10	Jul 2022	623,288	[1]
11	Aug 2022	368,958	[1]
12	Sep 2022	391,248	[1]
13	Subtotal 2022 expenses	\$ 2,054,025	
14			
15	Actuals Total (L1 + L2 + L13)	\$ 2,513,353	
16			
17	Projected expenses remaining through rates effective date	2,066,911	[1]
18			
19	Total NC rate case expenses	\$ 4,580,264	

[1] Duke Energy Carolinas - Rate Case Charges and Projection Summary

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Amortize Rate Case Costs
For the Test Period Ending December 31, 2021
(Amounts in dollars)

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NC5020-3 E-7 Sub 1214
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Application

Calculation of Additional Rate Case Expenses associated with Docket No. E-7 Sub 1214

Account & Descr: 0186195 - DEFERRED RATE CASE EXPENSE
OU & Descr: NCRD - Carolinas Rates - DEC
Process: NCRC18 and NCRTCSE

<u>Line</u> <u>No.</u>	<u>Year</u>		
1		Total actual North Carolina rate case expenses for Docket No. E-7 Sub 1214 through January 2020 capital cutoff - per NCUC Order	\$ 3,185,504 [1]
2		Additional 2020 Expenses incurred	6,996,314 [2]
3		Additional 2021 Expenses incurred	<u>812,933 [2]</u>
4		Total NC rate case expenses for rate case Docket No. E-7 Sub 1214 from inception (L1 + L2 + L3)	\$ 10,994,751
5		Less: Revenue requirement for rate case costs in Docket No E-7, Sub 1214 per Order	<u>\$ (4,005,000) [3]</u>
6		Total remaining requested for recovery for rate case expenses incurred for Docket No. E-7 Sub 1214 - February 2020 through December 2021, excludes accruals	<u>\$ 6,989,751</u>

[1] Docket No. E-7 Sub 1214 proforma NC1600(g) Amortize rate case cost NC Retail expenses incurred through January 2020

[2] Represents rate case costs costs since the capital cutoff in Docket No E-7 Sub 1214

[3] Docket No. E-7 Sub 1214 proforma NC1600(g) Amortize rate case cost NC Retail rate case expenses total

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Amortize Rate Case Costs
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NC5020-4 Over Amortization
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Application

NC Retail Calculation of Over-amortizations

		Severance [1]	
Line No		E-7 Sub 1214 Amortization	Deferred Severance
	Balance		
1	12/31/2021		35,675,119
2	1/31/2022	(1,807,074)	33,868,045
3	2/28/2022	(1,807,074)	32,060,971
4	3/31/2022	(1,807,074)	30,253,897
5	4/30/2022	(1,807,074)	28,446,823
6	5/31/2022	(1,807,074)	26,639,749
7	6/30/2022	(1,807,074)	24,832,675
8	7/31/2022	(1,807,074)	23,025,600
9	8/31/2022	(1,807,074)	21,218,526
10	9/30/2022	(1,807,074)	19,411,452
11	10/31/2022	(1,807,074)	17,604,378
12	11/30/2022	(1,807,074)	15,797,304
13	12/31/2022	(1,807,074)	13,990,230
14	1/31/2023	(1,807,074)	12,183,156
15	2/28/2023	(1,807,074)	10,376,082
16	3/31/2023	(1,807,074)	8,569,008
17	4/30/2023	(1,807,074)	6,761,934
18	5/31/2023	(1,807,074)	4,954,860
19	6/30/2023	(1,807,074)	3,147,786
20	7/31/2023	(1,807,074)	1,340,712
21	8/31/2023	(1,807,074)	(466,363)

[1] Calculation of the Severance overamortization balance, which fully amortizes August 2023.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Amortize deferred environmental Non-ARO costs
For the Test Period Ending December 31, 2021

E1-10
NC5030 Narrative
Application

E1- Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts rate base for the deferred asset resulting from NC Non-ARO environmental costs in service from 2/1/2020 until new rates are effective 1/1/2024.

The impact to amortization expense is determined by dividing the NC Retail asset by the amortization period of 6 years.

The impact to rate base is determined by reducing the asset for one year of amortization and related ADIT.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
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NC5030 Summary
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<u>Line No</u>	<u>Impacted Income Statement Line Items</u>	<u>Source</u>	<u>Total NC Retail Application</u>
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	NC5030-1	\$ 1,214
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC5030-1	(283)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 930
17			
18	Operating income (L3-L16)		\$ (930)
19	<u>Rate Base</u>	<u>Source</u>	<u>Total NC Retail Application</u>
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital	NC5030-1	\$ 6,070
25	Accumulated deferred income taxes	NC5030-1	\$ (1,417)
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ 4,652

DUKE ENERGY CAROLINAS, LLC
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Amortize deferred environmental Non-ARO costs
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NC5030-1 Calculation
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Line No.	Description	Total NC Retail
1		
2	<u>Impact to income statement line items</u>	
3	Projected ending balance at December 31, 2023 - Tranche 2	\$ 8 [1]
4	Projected ending balance at December 31, 2023 - Tranche 3	7,276 [2]
5	Total balance for deferral (L3 + L4)	\$ 7,284
6	Years to amortize	6
7	Impact to depreciation and amortization (L5 / L6)	\$ 1,214
8		
9	Statutory tax rate	23.3503% [3]
10	Impact to income taxes (-L7 x L9)	\$ (283)
11		
12	Impact to operating income (-L7 - L10)	\$ (930)
13		
14	<u>Impact to rate base line items</u>	
15	Regulatory asset for new deferral (L5)	\$ 7,284
16	Less first year of amortization (-L7)	(1,214)
17	Impact to working capital investment (L15 + L16)	\$ 6,070
18		
19	Deferred tax rate	23.3503% [3]
20	Impact to accumulated deferred income tax (-L17 x L19)	\$ (1,417)
21		
22	Impact to rate base (L17 + L20)	\$ 4,652

[1] NC5030-2 NC Retail Deferred Non-ARO Environmental Costs Regulatory Asset - Tranche 2, Line 54

[2] NC5030-3 NC Retail Deferred Non-ARO Environmental Costs Regulatory Asset - Tranche 3, Line 75

[3] NC1010-4 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
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Amortize deferred environmental Non-ARO costs
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NC5030-2 Deferral Tranche
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	Pre Tax LTD Rate r	Pre Tax Equity Rate s
Eff. Through 3/2021 [5]	2.20%	6.72%
Effective 4/2021 [5]	2.05%	6.51%

NC Retail Deferred Non-ARO Environmental Costs Return on Plant - Tranche 2

Line No.	Month	System				NC Retail Allocation	NC Retail				
		Plant Additions	Depreciation Expense	Bonus Depr Deferred Tax	Net Plant		Net Plant	Balance for Return	Pre Tax Debt Return	Pre Tax Equity Return	Total Return on Investment
		[1]	[2]	[3]	d=PMd+a-b-c		[4]	f=d*e	g=(PMf+f)/2	h=g*r/12	i=g*s/12
1	Feb-2020	163,171	-	10,356	152,815	67.0007%	102,387	51,194	94	287	381
2	Mar-2020	12,635	446	1,178	163,826	67.0007%	109,765	106,076	195	594	788
3	Apr-2020	1,501	481	0	164,846	67.0007%	110,448	110,107	202	616	818
4	May-2020	129	485	(0)	164,490	67.0007%	110,210	110,329	203	617	820
5	Jun-2020	-	485	-	164,005	67.0007%	109,885	110,047	202	616	818
6	Jul-2020	-	485	-	163,520	67.0007%	109,559	109,722	201	614	816

NC Retail Deferred Non-ARO Environmental Costs Regulatory Asset - Tranche 2

Line No.	Month	NC Retail							After Tax LTD Rate	After Tax Equity Rate	
		Beginning Balance k=PMq	Return on Investment l=j	Depreciation Expense m=b*e	Balance for Return n=k+(l+m)/2	After Tax Debt Return o=n*t/12	After Tax Equity Return p=n*u/12	Ending Balance q=k+l+m+o+p			
7	Feb-2020	-	381	-	190	0	1	382	Eff. Thru 3/2021 [1]	1.69%	5.15%
8	Mar-2020	382	788	299	925	1	4	1,474	Effective 4/2021 [1]	1.57%	4.99%
9	Apr-2020	1,474	818	322	2,044	3	9	2,626			
10	May-2020	2,626	820	325	3,199	5	14	3,790			
11	Jun-2020	3,790	818	325	4,361	6	19	4,957			
12	Jul-2020	4,957	816	325	5,528	8	24	6,130			
13	Aug-2020	6,130		[6]	6,130	9	26	6,165			
14	Sep-2020	6,165			6,165	9	26	6,200			
15	Oct-2020	6,200			6,200	9	27	6,235			
16	Nov-2020	6,235			6,235	9	27	6,271			
17	Dec-2020	6,271			6,271	9	27	6,306			
18	Jan-2021	6,306			6,306	9	27	6,342			
19	Feb-2021	6,342			6,342	9	27	6,378			
20	Mar-2021	6,378			6,378	9	27	6,415			
21	Apr-2021	6,415			6,415	8	27	6,450			
22	May-2021	6,450			6,450	8	27	6,485			
23	Jun-2021	6,485			6,485	8	27	6,520			
24	Jul-2021	6,520			6,520	9	27	6,556			
25	Aug-2021	6,556			6,556	9	27	6,592			
26	Sep-2021	6,592			6,592	9	27	6,628			
27	Oct-2021	6,628			6,628	9	28	6,664			
28	Nov-2021	6,664			6,664	9	28	6,701			
29	Dec-2021	6,701			6,701	9	28	6,737			
30	Jan-2022	6,737			6,737	9	28	6,774			
31	Feb-2022	6,774			6,774	9	28	6,811			
32	Mar-2022	6,811			6,811	9	28	6,849			
33	Apr-2022	6,849			6,849	9	28	6,886			
34	May-2022	6,886			6,886	9	29	6,924			
35	Jun-2022	6,924			6,924	9	29	6,962			

NC5030-2 Deferral Tranche 2
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NC Retail Deferred Non-ARO Environmental Costs Regulatory Asset - Tranche 2 continued

Line No.	Month	NC Retail							After Tax LTD Rate t	After Tax Equity Rate u
		Beginning Balance k=PMq	Return on Investment l=j	Depreciation Expense m=b*e	Balance for Return n=k+(l+m)/2	After Tax Debt Return o=n*t/12	After Tax Equity Return p=n*u/12	Ending Balance q=k+l+m+o+p		
36	Jul-2022	6,962			6,962	9	29	7,000		
37	Aug-2022	7,000			7,000	9	29	7,038		
38	Sep-2022	7,038			7,038	9	29	7,076		
39	Oct-2022	7,076			7,076	9	29	7,115	Eff. Thru 3/2021 [5] 1.69%	
40	Nov-2022	7,115			7,115	9	30	7,154	Effective 4/2021 [5] 1.57%	5.15%
41	Dec-2022	7,154			7,154	9	30	7,193		4.99%
42	Jan-2023	7,193			7,193	9	30	7,232		
43	Feb-2023	7,232			7,232	9	30	7,272		
44	Mar-2023	7,272			7,272	10	30	7,312		
45	Apr-2023	7,312			7,312	10	30	7,352		
46	May-2023	7,352			7,352	10	31	7,392		
47	Jun-2023	7,392			7,392	10	31	7,432		
48	Jul-2023	7,432			7,432	10	31	7,473		
49	Aug-2023	7,473			7,473	10	31	7,514		
50	Sep-2023	7,514			7,514	10	31	7,555		
51	Oct-2023	7,555			7,555	10	31	7,596		
52	Nov-2023	7,596			7,596	10	32	7,638		
53	Dec-2023	7,638			7,638	10	32	7,680		
54			\$ 4,441	\$ 1,596		\$ 396	\$ 1,247	\$ 7,680		

[1] NC5030-4 Environmental Non-ARO Plant in Service and Depreciation Expense Detailed Activity - Tranche 2, Line 9

[2] NC5030-4 Environmental Non-ARO Plant in Service and Depreciation Expense Detailed Activity - Tranche 2, Line 19

[3] NC5030-4 Environmental Non-ARO Plant in Service and Depreciation Expense Detailed Activity - Tranche 2, Line 28

[4] NC5030-7 Cost of Service Allocations Factors

[5] NC5030-6 Cost of debt and equity for deferral periods

[6] In Docket No. E-7, Sub 1214, the regulatory asset calculated in NC-1104 - Coal Ash Non ARO Retail Return on Plant, only included additions through 1/31/2020. Tranche 2 includes the impacts of additions 2/1/2020 through 5/31/2020, which was the capital cutoff in the prior case. Interim rates for Docket No. E-7, Sub 1214 were effective 8/24/2020 and included plant in service through 5/31/2020 at current depreciation rates, so deferred return on investment and depreciation expense would stop 8/1/2020.

DUKE ENERGY CAROLINAS, LLC
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NC5030-3 Deferral Tranche
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	Pre Tax <u>LTD Rate</u> r	Pre Tax <u>Equity Rate</u> s
Eff. Through 3/2021 [5]	2.20%	6.72%
Effective 4/2021 [5]	2.05%	6.51%

NC Retail Deferred Non-ARO Environmental Costs Return on Plant - Tranche 3

Line No.	Month	System				NC Retail	NC Retail				
		Plant	Depreciation	Bonus Depr	Net		Net	Balance	Pre Tax	Total Return	
		Additions	Expense	Deferred Tax	Plant		Plant	for Return	Debt Return	Equity Return	on Investment
		a	b	c	d=PMd+a-b-c		e	f=d*e	g=(PMf+f)/2	h=g*r/12	i=g*s/12
1	Oct-2020	3,744	-	350	3,394	67.0007%	2,274	1,137	2	6	8
2	Nov-2020	(0)	10	(0)	3,384	67.0007%	2,267	2,271	4	13	17
3	Dec-2020	-	10	-	3,373	67.0007%	2,260	2,264	4	13	17
4	Jan-2021	-	10	-	3,363	66.8973%	2,250	2,255	4	13	17
5	Feb-2021	-	10	-	3,353	66.8973%	2,243	2,246	4	13	17
6	Mar-2021	-	10	-	3,343	66.8973%	2,236	2,240	4	13	17
7	Apr-2021	-	10	-	3,333	66.8973%	2,229	2,233	4	12	16
8	May-2021	-	10	-	3,322	66.8973%	2,223	2,226	4	12	16
9	Jun-2021	-	12	-	3,310	66.8973%	2,215	2,219	4	12	16
10	Jul-2021	-	12	-	3,299	66.8973%	2,207	2,211	4	12	16
11	Aug-2021	37,463,032	12	-	37,466,319	66.8973%	25,063,956	12,533,081	21,407	68,021	89,427
12	Sep-2021	155,095	129,884	-	37,491,531	66.8973%	25,080,822	25,072,389	42,824	136,075	178,899
13	Oct-2021	595,900	130,421	-	37,957,009	66.8973%	25,392,214	25,236,518	43,104	136,966	180,070
14	Nov-2021	473,146	132,487	-	38,297,668	66.8973%	25,620,106	25,506,160	43,565	138,429	181,994
15	Dec-2021	1,376,001	134,127	-	39,539,541	66.8973%	26,450,886	26,035,496	44,469	141,302	185,771
16	Jan-2022	5,985	138,897	-	39,406,629	66.5858%	26,239,217	26,345,051	44,997	142,982	187,979
17	Feb-2022	23,100	138,918	-	39,290,811	66.5858%	26,162,098	26,200,658	44,751	142,198	186,949
18	Mar-2022	16,832	138,998	-	39,168,645	66.5858%	26,080,753	26,121,426	44,615	141,768	186,384
19	Apr-2022	17,852	139,057	-	39,047,439	66.5858%	26,000,048	26,040,400	44,477	141,329	185,806
20	May-2022	5,529	139,119	-	38,913,850	66.5858%	25,911,096	25,955,572	44,332	140,868	185,200
21	Jun-2022	30,744	139,138	-	38,805,456	66.5858%	25,838,921	25,875,008	44,195	140,431	184,626
22	Jul-2022	-	139,244	-	38,666,211	66.5858%	25,746,204	25,792,562	44,054	139,984	184,037
23	Aug-2022	-	139,244	-	38,526,967	66.5858%	25,653,487	25,699,846	43,895	139,480	183,376
24	Sep-2022	-	139,244	-	38,387,723	66.5858%	25,560,770	25,607,129	43,737	138,977	182,714
25	Oct-2022	-	139,244	-	38,248,479	66.5858%	25,468,053	25,514,412	43,579	138,474	182,053
26	Nov-2022	-	139,244	-	38,109,234	66.5858%	25,375,336	25,421,695	43,420	137,971	181,391
27	Dec-2022	-	139,244	-	37,969,990	66.5858%	25,282,619	25,328,978	43,262	137,468	180,729
28	Jan-2023	-	139,244	-	37,830,746	66.5858%	25,189,902	25,236,261	43,104	136,964	180,068
29	Feb-2023	-	139,244	-	37,691,501	66.5858%	25,097,186	25,143,544	42,945	136,461	179,406
30	Mar-2023	-	139,244	-	37,552,257	66.5858%	25,004,469	25,050,827	42,787	135,958	178,745
31	Apr-2023	-	139,244	-	37,413,013	66.5858%	24,911,752	24,958,110	42,628	135,455	178,083
32	May-2023	-	139,244	-	37,273,768	66.5858%	24,819,035	24,865,393	42,470	134,952	177,422
33	Jun-2023	-	139,244	-	37,134,524	66.5858%	24,726,318	24,772,676	42,312	134,448	176,760
34	Jul-2023	-	139,244	-	36,995,280	66.5858%	24,633,601	24,679,959	42,153	133,945	176,099
35	Aug-2023	-	139,244	-	36,856,036	66.5858%	24,540,884	24,587,242	41,995	133,442	175,437

- [1] NC5030-5 Environmental Non-ARO Plant in Service and Depreciation Expense Detailed Activity - Tranche 3, Line 7
[2] NC5030-5 Environmental Non-ARO Plant in Service and Depreciation Expense Detailed Activity - Tranche 3, Line 15
[3] NC5030-5 Environmental Non-ARO Plant in Service and Depreciation Expense Detailed Activity - Tranche 3, Line 22
[4] NC5030-7 Cost of Service Allocations Factors
[5] NC5030-6 Cost of debt and equity for deferral periods

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	After Tax <u>LTD Rate</u> t	After Tax <u>Equity Rate</u> u
Eff. Through 3/2021 [1]	1.69%	5.15%
Effective 4/2021 [1]	1.57%	4.99%

NC Retail Deferred Non-ARO Environmental Costs Regulatory Asset - Tranche 3

Line No.	Month	NC Retail						Ending Balance
		Beginning Balance k=PMq	Return on Investment l=j	Depreciation Expense m=b*e	Balance for Return n=k+(l+m)/2	After Tax Debt Return o=n*t/12	After Tax Equity Return p=n*u/12	
36	Oct-2020	-	8	-	4	0	0	8
37	Nov-2020	8	17	7	20	0	0	32
38	Dec-2020	32	17	7	44	0	0	56
39	Jan-2021	56	17	7	68	0	0	80
40	Feb-2021	80	17	7	92	0	0	104
41	Mar-2021	104	17	7	116	0	0	128
42	Apr-2021	128	16	7	140	0	1	152
43	May-2021	152	16	7	163	0	1	176
44	Jun-2021	176	16	8	188	0	1	200
45	Jul-2021	200	16	8	212	0	1	225
46	Aug-2021	225	89,427	8	44,943	59	187	89,906
47	Sep-2021	89,906	178,899	86,889	222,800	292	927	356,912
48	Oct-2021	356,912	180,070	87,248	490,571	642	2,041	626,913
49	Nov-2021	626,913	181,994	88,630	762,225	998	3,171	901,706
50	Dec-2021	901,706	185,771	89,728	1,039,455	1,361	4,324	1,182,889
51	Jan-2022	1,182,889	187,979	92,486	1,323,122	1,732	5,504	1,470,591
52	Feb-2022	1,470,591	186,949	92,500	1,610,315	2,108	6,699	1,758,847
53	Mar-2022	1,758,847	186,384	92,553	1,898,315	2,485	7,897	2,048,166
54	Apr-2022	2,048,166	185,806	92,592	2,187,365	2,864	9,099	2,338,527
55	May-2022	2,338,527	185,200	92,633	2,477,444	3,243	10,306	2,629,910
56	Jun-2022	2,629,910	184,626	92,646	2,768,546	3,625	11,517	2,922,323
57	Jul-2022	2,922,323	184,037	92,717	3,060,700	4,007	12,733	3,215,817
58	Aug-2022	3,215,817	183,376	92,717	3,353,863	4,391	13,952	3,510,252
59	Sep-2022	3,510,252	182,714	92,717	3,647,968	4,776	15,176	3,805,635
60	Oct-2022	3,805,635	182,053	92,717	3,943,020	5,162	16,403	4,101,969
61	Nov-2022	4,101,969	181,391	92,717	4,239,023	5,550	17,634	4,399,261
62	Dec-2022	4,399,261	180,729	92,717	4,535,984	5,938	18,870	4,697,516
63	Jan-2023	4,697,516	180,068	92,717	4,833,908	6,328	20,109	4,996,738
64	Feb-2023	4,996,738	179,406	92,717	5,132,800	6,720	21,352	5,296,934
65	Mar-2023	5,296,934	178,745	92,717	5,432,664	7,112	22,600	5,598,107
66	Apr-2023	5,598,107	178,083	92,717	5,733,508	7,506	23,851	5,900,265
67	May-2023	5,900,265	177,422	92,717	6,035,334	7,901	25,107	6,203,412
68	Jun-2023	6,203,412	176,760	92,717	6,338,151	8,298	26,367	6,507,554
69	Jul-2023	6,507,554	176,099	92,717	6,641,961	8,696	27,631	6,812,695
70	Aug-2023	6,812,695	175,437	92,717	6,946,772	9,095	28,899	7,118,842
71	Sep-2023	7,118,842	[2]	[2]	7,118,842	9,320	29,614	7,157,776
72	Oct-2023	7,157,776			7,157,776	9,371	29,776	7,196,923
73	Nov-2023	7,196,923			7,196,923	9,422	29,939	7,236,285
74	Dec-2023	7,236,285			7,236,285	9,474	30,103	7,275,861
75		\$ 4,449,579		\$ 2,206,014		\$ 148,476	\$ 471,792	\$ 7,275,861

[1] NC5030-6 Cost of debt and equity for deferral periods

[2] Projecting to include plant in service, and depreciation at current rates in interim rates, so the deferral of these items would stop 9/1/2023.

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Environmental Non-ARO Plant in Service and Depreciation Expense Detailed Activity - Tranche 2

Line No.	Description	2 2020 Feb-2020	3 2020 Mar-2020	4 2020 Apr-2020	5 2020 May-2020	6 2020 Jun-2020	7 2020 Jul-2020	8 2020 Aug-2020
1		Actuals [1]						
2								
3	<u>System Plant in Service Additions</u>							
4	<u>Depreciation Group</u>	<u>Feb-2020</u>	<u>Mar-2020</u>	<u>Apr-2020</u>	<u>May-2020</u>	<u>Jun-2020</u>	<u>Jul-2020</u>	<u>Aug-2020</u>
5	D FOS 311 Cliffside 5&6-20003	38	-	0	(0)	-	-	-
6	D FOS 312 Allen-20003	-	804	0	-	-	-	-
7	D FOS 312 Marshall-20003	110,837	11,805	-	-	-	-	-
8	D FOS 312 Marshall-20003	52,296	25	1,501	129	-	-	-
9	Total System Plant Additions (Sum L5 : L8)	163,171	12,635	1,501	129	-	-	-
10								
11								
12								
13	<u>System Depreciation Expense</u>							
14	<u>Depreciation Group</u>	<u>Feb-2020</u>	<u>Mar-2020</u>	<u>Apr-2020</u>	<u>May-2020</u>	<u>Jun-2020</u>	<u>Jul-2020</u>	<u>Aug-2020</u>
15	D FOS 311 Cliffside 5&6-20003		0	0	0	0	0	0
16	D FOS 312 Allen-20003		-	2	2	2	2	2
17	D FOS 312 Marshall-20003		303	335	335	335	335	335
18	D FOS 312 Marshall-20003		143	143	147	147	147	147
19	Total System Depreciation Expense (Sum L15 : L18)	-	446	481	485	485	485	485
20								
21								
22	<u>System Calculated ADIT [3]</u>	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%
23	<u>Depreciation Group</u>	<u>Feb-2020</u>	<u>Mar-2020</u>	<u>Apr-2020</u>	<u>May-2020</u>	<u>Jun-2020</u>	<u>Jul-2020</u>	<u>Aug-2020</u>
24	D FOS 311 Cliffside 5&6-20003	4	-	0	(0)	-	-	-
25	D FOS 312 Allen-20003	-	75	0	-	-	-	-
26	D FOS 312 Marshall-20003	10,352	1,103	-	-	-	-	-
27	D FOS 312 Marshall-20003	-	-	-	-	-	-	-
28	Total System Calculated ADIT (Sum L24 : L27)	10,356	1,178	0	(0)	-	-	-

- [1] Non-ARO environmental actual plant additions per Asset Accounting
[2] Calculated deferred income tax due to bonus depreciation per Asset Accounting

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Environmental Non-ARO Plant in Service and Depreciation Expense Detailed Activity

Line No.	Description	6 2020 Jun-2020	7 2020 Jul-2020	8 2020 Aug-2020	9 2020 Sep-2020	10 2020 Oct-2020	11 2020 Nov-2020	12 2020 Dec-2020	1 2021 Jan-2021	2 2021 Feb-2021	3 2021 Mar-2021	4 2021 Apr-2021	5 2021 May-2021	6 2021 Jun-2021
1														
2		Actuals [1]												
3	System Plant in Service Additions													
4	Depreciation Group	Jun-2020	Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021
5	D FOS 312 Marshall-20003	-	-	-	-	3,744	(0)	-	-	-	-	-	-	-
6	D FOS 312 Cliffside 5-20003	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Total System Plant Additions (Sum L5 : L6)	-	-	-	-	3,744	(0)	-	-	-	-	-	-	-
8														
9														
10														
11	System Depreciation Expense													New Depr Rates Eff.
12	Depreciation Group	Jun-2020	Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021
13	D FOS 312 Marshall-20003	-	-	-	-	-	10	10	10	10	10	10	10	12
14	D FOS 312 Cliffside 5-20003	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Total System Depreciation Expense (Sum L13 : L14)	-	-	-	-	-	10	10	10	10	10	10	10	12
16														
17														
18	System Calculated ADIT [3]	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%
19	Depreciation Group	Jun-2020	Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021
20	D FOS 312 Marshall-20003	-	-	-	-	350	(0)	-	-	-	-	-	-	-
21	D FOS 312 Cliffside 5-20003	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Total System Calculated ADIT (Sum L20 : L21)	-	-	-	-	350	(0)	-	-	-	-	-	-	-

[1] Non-ARO environmental actual plant additions per
Asset Accounting
[2] Non-ARO environmental forecasted plant additions per
Financial Planning
[3] Calculated deferred income tax due to bonus
depreciation per Asset Accounting

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Line No.	Description	7 2021 Jul-2021	8 2021 Aug-2021	9 2021 Sep-2021	10 2021 Oct-2021	11 2021 Nov-2021	12 2021 Dec-2021	1 2022 Jan-2022	2 2022 Feb-2022	3 2022 Mar-2022	4 2022 Apr-2022	5 2022 May-2022	6 2022 Jun-2022
1													
2													
3	System Plant in Service Additions												
4	Depreciation Group	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022
5	D FOS 312 Marshall-20003	-	-	-	-	-	-	-	-	-	-	-	-
6	D FOS 312 Cliffside 5-20003	-	37,463,032	155,095	595,900	473,146	1,376,001	5,985	23,100	16,832	17,852	5,529	30,744
7	Total System Plant Additions (Sum L5 : L6)	-	37,463,032	155,095	595,900	473,146	1,376,001	5,985	23,100	16,832	17,852	5,529	30,744
8													
9													
10													
11	System Depreciation Expense												
12	Depreciation Group	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022
13	D FOS 312 Marshall-20003	12	12	12	12	12	12	12	12	12	12	12	12
14	D FOS 312 Cliffside 5-20003	-	-	129,872	130,410	132,475	134,116	138,886	138,906	138,986	139,045	139,107	139,126
15	Total System Depreciation Expense (Sum L13 : L14)	12	12	129,884	130,421	132,487	134,127	138,897	138,918	138,998	139,057	139,119	139,138
16													
17													
18	System Calculated ADIT [3]	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%
19	Depreciation Group	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022
20	D FOS 312 Marshall-20003	-	-	-	-	-	-	-	-	-	-	-	-
21	D FOS 312 Cliffside 5-20003	-	-	-	-	-	-	-	-	-	-	-	-
22	Total System Calculated ADIT (Sum L20 : L21)	-	-	-	-	-	-	-	-	-	-	-	-

[1] Non-ARO environmental actual plant additions per Asset Accounting
[2] Non-ARO environmental forecasted plant additions per Financial Planning
[3] Calculated deferred income tax due to bonus depreciation per Asset Accounting

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Line No.	Description	7 2022 Jul-2022	8 2022 Aug-2022	9 2022 Sep-2022	10 2022 Oct-2022	11 2022 Nov-2022	12 2022 Dec-2022	1 2023 Jan-2023	2 2023 Feb-2023	3 2023 Mar-2023	4 2023 Apr-2023	5 2023 May-2023	6 2023 Jun-2023	7 2023 Jul-2023
1														
2		Forecasted [2]												
3	System Plant in Service Additions													
4	Depreciation Group	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022	Jan-2023	Feb-2023	Mar-2023	Apr-2023	May-2023	Jun-2023	Jul-2023
5	D FOS 312 Marshall-20003													
6	D FOS 312 Cliffside 5-20003													
7	Total System Plant Additions (Sum L5 : L6)	-	-	-	-	-	-	-	-	-	-	-	-	-
8														
9														
10														
11	System Depreciation Expense													
12	Depreciation Group	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022	Jan-2023	Feb-2023	Mar-2023	Apr-2023	May-2023	Jun-2023	Jul-2023
13	D FOS 312 Marshall-20003	12	12	12	12	12	12	12	12	12	12	12	12	12
14	D FOS 312 Cliffside 5-20003	139,232	139,232	139,232	139,232	139,232	139,232	139,232	139,232	139,232	139,232	139,232	139,232	139,232
15	Total System Depreciation Expense (Sum L13 : L14)	139,244	139,244	139,244	139,244	139,244	139,244	139,244	139,244	139,244	139,244	139,244	139,244	139,244
16														
17														
18	System Calculated ADIT [3]	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%
19	Depreciation Group	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022	Jan-2023	Feb-2023	Mar-2023	Apr-2023	May-2023	Jun-2023	Jul-2023
20	D FOS 312 Marshall-20003	-	-	-	-	-	-	-	-	-	-	-	-	-
21	D FOS 312 Cliffside 5-20003	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Total System Calculated ADIT (Sum L20 : L21)	-	-	-	-	-	-	-	-	-	-	-	-	-

[1] Non-ARO environmental actual plant additions per Asset Accounting
[2] Non-ARO environmental forecasted plant additions per Financial Planning
[3] Calculated deferred income tax due to bonus depreciation per Asset Accounting

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Line No.	Description	8 2023 Aug-2023	9 2023 Sep-2023	10 2023 Oct-2023	11 2023 Nov-2023	12 2023 Dec-2023
1						
2		Forecasted [2]				
3	System Plant in Service Additions					
4	Depreciation Group	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023
5	D FOS 312 Marshall-20003					
6	D FOS 312 Cliffside 5-20003					
7	Total System Plant Additions (Sum L5 : L6)	-	-	-	-	-
8						
9						
10						
11	System Depreciation Expense					
12	Depreciation Group	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023
13	D FOS 312 Marshall-20003	12	12	12	12	12
14	D FOS 312 Cliffside 5-20003	139,232	139,232	139,232	139,232	139,232
15	Total System Depreciation Expense (Sum L13 : L14)	139,244	139,244	139,244	139,244	139,244
16						
17						
18	System Calculated ADIT [3]	23.3503%	23.3503%	23.3503%	23.3503%	23.3503%
19	Depreciation Group	Aug-2023	Sep-2023	Oct-2023	Nov-2023	Dec-2023
20	D FOS 312 Marshall-20003	-	-	-	-	-
21	D FOS 312 Cliffside 5-20003	-	-	-	-	-
22	Total System Calculated ADIT (Sum L20 : L21)	-	-	-	-	-

[1] Non-ARO environmental actual plant additions per Asset Accounting
[2] Non-ARO environmental forecasted plant additions per Financial Planning
[3] Calculated deferred income tax due to bonus depreciation per Asset Accounting

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Docket No. E-7 Sub 1276
Amortize deferred environmental Non-ARO costs
For the Test Period Ending December 31, 2021

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NC5030-6 WACC
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Application

Cost of debt and equity for deferral periods

Line
No

1	Effective through March 2021					
2		Capitalization	Approved	Weighted Cost of Capital (WACC)		
3		Ratio [1]	Cost Rate [1]		After Tax	Before Tax
4						
5	Long Term Debt	48.00%	4.59%	2.20%	1.69%	2.20%
6	Equity	52.00%	9.90%	5.15%	5.15%	6.72%
7	Total	100.00%		7.35%	6.84%	8.92%
8						
9	Effective State and Federal Income Tax Rate			23.3503%		
10						
11	Effective April 2021					
12		Capitalization	Approved	Weighted Cost of Capital (WACC)		
13		Ratio [2]	Cost Rate [2]		After Tax	Before Tax
14						
15	Long Term Debt	48.00%	4.27%	2.05%	1.57%	2.05%
16	Equity	52.00%	9.60%	4.99%	4.99%	6.51%
17	Total	100.00%		7.04%	6.56%	8.56%
18						
19	Effective State and Federal Income Tax Rate			23.3503%		

[1] Cost of capital rates from Docket No. E-7, Sub 1146

[2] Cost of capital rates from Docket No. E-7, Sub 1214

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Cost of Service Allocations Factors

Line No	Allocation Factor	All - Production Demand - Jur
1	COS 2019 - Effective 2020	67.0007%
2	COS 2020 - Effective 2021	66.8973%
3	COS 2021 - Effective 2022	66.5858%

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E1-10
NC5040 Narrative
Application

E1-10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts amortization expense and income taxes for the amortization of the deferred asset resulting from NC Grid costs in service 6/1/2020 until new rates are effective 1/1/2024.

The impact to amortization expense is determined by dividing the NC Retail asset by the amortization period of 3 years.

The impact to rate base is determined by reducing the asset for one year of amortization and related ADIT.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

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NC5040 Summary
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<u>Line No</u>	<u>Impacted Income Statement Line Items</u>	<u>Source</u>	<u>Total NC Retail Application</u>
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	NC5040-1	\$ 33,496
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC5040-1	(7,821)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 25,675
17			
18	Operating income (L3-L16)		\$ (25,675)
		<u>Source</u>	<u>Total NC Retail Application</u>
19	<u>Rate Base</u>		
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital	NC5040-1	\$ 66,993
25	Accumulated deferred income taxes	NC5040-1	(15,643)
26	Operating reserves		
27	Construction Work in Progress		
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ 51,350

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NC5040-1 Calculation
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Line No.	Description	Total NC Retail
1		
2	<u>Impact to income statement line items</u>	
3	Projected ending balance at December 31, 2023	\$ 100,489 [1]
4	Years to amortize	<u>3</u>
5	Impact to depreciation and amortization (L3 / L4)	<u>\$ 33,496</u>
6		
7	Statutory tax rate	<u>23.3503% [2]</u>
8	Impact to income taxes (-L5 x L7)	<u>\$ (7,821)</u>
9		
10	Impact to operating income (-L5 - L8)	<u><u>\$ (25,675)</u></u>
11		
12	<u>Impact to rate base line items</u>	
13	Regulatory asset for new deferral (L3)	\$ 100,489
14	Less first year of amortization (-L5)	<u>(33,496)</u>
15	Impact to working capital investment (L13 + L14)	<u>\$ 66,993</u>
16		
17	Deferred tax rate	<u>23.3503% [2]</u>
18	Impact to accumulated deferred income tax (-L15 x L17)	<u>\$ (15,643)</u>
19		
20	Impact to rate base (L15 + L18)	<u><u>\$ 51,350</u></u>

[1] NC5040-1 NC Retail Deferred Grid Regulatory Asset, Line 81

[2] NC1010-4 2022 Calculation of Tax Rates, Line 10

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NC5040-2 Deferral
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NC Retail Deferred Grid Return on Plant

Pre Tax LTD Rate
s 2.20% [3]
Effective 3/2021 [3]
2.05% [3]
Pre Tax Equity Rate
t 6.72% [3]
6.51% [3]

Line	NC Retail											
No.	Month	Plant Additions	[1]	Plant Balance	Depreciation Expense	[2]	Accumulated Depreciation	Net Plant	Balance for Return	Pre Tax Debt Return	Pre Tax Equity Return	Total Return on Investment
1		a		b=PM+a	c		d=PM-c	e=b+d	f=(PM+e)/2	g=f*s/12	h=f*t/12	i=g+h
2	Jun-2020	6,418,097		6,418,097	-		-	6,418,097	3,209,049	5,892	17,961	23,852
3	Jul-2020	6,512,535		12,930,633	11,099		(11,099)	12,919,534	9,668,816	17,752	54,115	71,867
4	Aug-2020	4,959,345		17,889,977	24,452		(35,551)	17,854,427	15,386,980	28,250	86,119	114,370
5	Sep-2020	5,869,343		23,759,320	35,186		(70,737)	23,688,584	20,771,505	38,136	116,256	154,392
6	Oct-2020	7,826,896		31,586,216	45,592		(116,329)	31,469,887	27,579,235	50,635	154,358	204,993
7	Nov-2020	7,104,595		38,690,811	58,869		(175,197)	38,515,613	34,992,750	64,247	195,850	260,097
8	Dec-2020	9,318,319		48,009,129	73,024		(248,222)	47,760,908	43,138,260	79,202	241,440	320,642
9	Jan-2021	5,126,643		53,135,772	89,082		(337,304)	52,798,469	50,279,688	92,314	281,410	373,723
10	Feb-2021	6,064,952		59,200,725	98,475		(435,779)	58,764,946	55,781,707	102,415	312,204	414,619
11	Mar-2021	16,570,341		75,771,066	108,746		(544,526)	75,226,541	66,995,743	123,004	374,968	497,972
12	Apr-2021	6,421,459		82,192,526	248,023		(792,549)	81,399,977	78,313,259	133,759	425,028	558,787
13	May-2021	5,015,748		87,208,273	260,817		(1,053,366)	86,154,908	83,777,442	143,092	454,684	597,776
14	Jun-2021	4,070,357		91,278,630	279,230		(1,332,596)	89,946,034	88,050,471	150,390	477,875	628,265
15	Jul-2021	5,509,865		96,788,495	286,281		(1,618,877)	95,169,618	92,557,826	158,089	502,338	660,426
16	Aug-2021	5,431,961		102,220,456	296,061		(1,914,938)	100,305,518	97,737,568	166,936	530,450	697,385
17	Sep-2021	9,188,774		111,409,230	305,671		(2,220,608)	109,188,621	104,747,070	178,908	568,492	747,400
18	Oct-2021	9,887,640		121,296,870	322,099		(2,542,708)	118,754,162	113,971,392	194,663	618,555	813,218
19	Nov-2021	8,230,798		129,527,668	394,820		(2,937,528)	126,590,140	122,672,151	209,524	665,777	875,301
20	Dec-2021	19,909,495		149,437,163	415,624		(3,353,152)	146,084,011	136,337,075	232,864	739,940	972,804
21	Jan-2022	11,236,620		160,673,783	453,001		(3,806,153)	156,867,630	151,475,820	258,721	822,102	1,080,823
22	Feb-2022	11,040,873		171,714,656	475,785		(4,281,938)	167,432,718	162,150,174	276,952	880,035	1,156,988
23	Mar-2022	13,450,925		185,165,581	501,888		(4,783,826)	180,381,755	173,907,237	297,034	943,844	1,240,878
24	Apr-2022	18,538,671		203,704,251	526,833		(5,310,659)	198,393,593	189,387,674	323,474	1,027,861	1,351,335
25	May-2022	20,172,311		223,876,562	559,012		(5,869,671)	218,006,891	208,200,242	355,606	1,129,962	1,485,568
26	Jun-2022	13,352,905		237,229,467	594,314		(6,463,985)	230,765,483	224,386,187	383,252	1,217,808	1,601,059
27	Jul-2022	-		237,229,467	626,705		(7,090,690)	230,138,778	230,452,130	393,612	1,250,729	1,644,342
28	Aug-2022	-		237,229,467	626,705		(7,717,395)	229,512,072	229,825,425	392,542	1,247,328	1,639,870
29	Sep-2022	58,090,910		295,320,377	626,705		(8,344,100)	286,976,277	258,244,175	441,081	1,401,565	1,842,646
30	Oct-2022	58,090,910		353,411,287	733,482		(9,077,582)	344,333,705	315,654,991	539,139	1,713,149	2,252,288
31	Nov-2022	58,090,910		411,502,197	840,259		(9,917,841)	401,584,355	372,959,030	637,014	2,024,155	2,661,169
32	Dec-2022	58,090,910		469,593,107	947,037		(10,864,878)	458,728,229	430,156,292	734,707	2,334,581	3,069,288
33	Jan-2023			469,593,107	1,053,814		(11,918,692)	457,674,415	458,201,322	782,608	2,486,789	3,269,397
34	Feb-2023			469,593,107	1,053,814		(12,972,505)	456,620,601	457,147,508	780,808	2,481,070	3,261,878
35	Mar-2023			469,593,107	1,053,814		(14,026,319)	455,566,788	456,093,695	779,008	2,475,350	3,254,358
36	Apr-2023			469,593,107	1,053,814		(15,080,133)	454,512,974	455,039,881	777,208	2,469,631	3,246,839
37	May-2023			469,593,107	1,053,814		(16,133,946)	453,459,160	453,986,067	775,408	2,463,912	3,239,320
38	Jun-2023			469,593,107	1,053,814		(17,187,760)	452,405,347	452,932,254	773,608	2,458,192	3,231,800
39	Jul-2023			469,593,107	1,053,814		(18,241,574)	451,351,533	451,878,440	771,808	2,452,473	3,224,281
40	Aug-2023			469,593,107	1,053,814		(19,295,387)	450,297,719	450,824,626	770,008	2,446,754	3,216,762

[1] NC5040-3 NC Grid Plant in Service and Depreciation Expense Detailed Activity, Line 7
[2] NC5040-3 NC Grid Plant in Service and Depreciation Expense Detailed Activity, Line 14
[3] NC5040-5 Cost of debt and equity for deferral periods

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NC Retail Deferred Grid Regulatory Asset

Eff. Through 3/2021
Effective 4/2021

After Tax
LTD Rate
u 1.69% [3]
1.57% [3]

After Tax
Equity Rate
v 5.15% [3]
4.99% [3]

		NC Retail										
Line No.	Month	Beginning Balance j=PMr	Return on Investment k = i	Depreciation Expense l = c	Property Tax m	[1]	Installation O&M n	[2]	Balance for Return o=j+(k+l+m+n)/2	After Tax Debt Return p=o*u/12	After Tax Equity Return q=o*v/12	Ending Balance r=j+k+l+m+n+p+q
41	Jun-2020	-	23,852	-	-		432,725		228,289	321	979	457,879
42	Jul-2020	457,879	71,867	11,099	-		85,180		541,951	763	2,325	629,112
43	Aug-2020	629,112	114,370	24,452	-		182,912		789,979	1,112	3,389	955,346
44	Sep-2020	955,346	154,392	35,186	-		368,739		1,234,505	1,737	5,296	1,520,697
45	Oct-2020	1,520,697	204,993	45,592	-		466,103		1,879,041	2,644	8,061	2,248,090
46	Nov-2020	2,248,090	260,097	58,869	-		439,347		2,627,246	3,697	11,271	3,021,371
47	Dec-2020	3,021,371	320,642	73,024	-		694,778		3,565,593	5,018	15,296	4,130,129
48	Jan-2021	4,130,129	373,723	89,082	26,269		294,914		4,522,123	6,364	19,400	4,939,881
49	Feb-2021	4,939,881	414,619	98,475	26,269		247,228		5,333,177	7,505	22,879	5,756,857
50	Mar-2021	5,756,857	497,972	108,746	26,269		282,426		6,214,564	8,746	26,660	6,707,676
51	Apr-2021	6,707,676	558,787	248,023	26,269		408,815		7,328,624	9,594	30,487	7,989,652
52	May-2021	7,989,652	597,776	260,817	26,269		484,425		8,674,296	11,356	36,085	9,406,381
53	Jun-2021	9,406,381	628,265	279,230	26,269		589,085		10,167,805	13,311	42,298	10,984,839
54	Jul-2021	10,984,839	660,426	286,281	26,269		474,830		11,708,742	15,329	48,708	12,496,682
55	Aug-2021	12,496,682	697,385	296,061	26,269		451,399		13,232,240	17,323	55,046	14,040,166
56	Sep-2021	14,040,166	747,400	305,671	26,269		508,013		14,833,843	19,420	61,709	15,708,649
57	Oct-2021	15,708,649	813,218	322,099	26,269		16,078		16,297,481	21,336	67,798	16,975,448
58	Nov-2021	16,975,448	875,301	394,820	26,269		707,398		17,977,342	23,536	74,786	19,077,557
59	Dec-2021	19,077,557	972,804	415,624	26,269		352,839		19,961,325	26,133	83,039	20,954,266
60	Jan-2022	20,954,266	1,080,823	453,001	75,530		435,088		21,976,487	28,771	91,422	23,118,901
61	Feb-2022	23,118,901	1,156,988	475,785	75,530		555,834		24,250,970	31,749	100,884	25,515,671
62	Mar-2022	25,515,671	1,240,878	501,888	75,530		688,445		26,769,041	35,045	111,359	28,168,816
63	Apr-2022	28,168,816	1,351,335	526,833	75,530		985,991		29,638,660	38,802	123,297	31,270,604
64	May-2022	31,270,604	1,485,568	559,012	75,530		921,419		32,791,369	42,930	136,412	34,491,475
65	Jun-2022	34,491,475	1,601,059	594,314	75,530		755,472		36,004,663	47,137	149,779	37,714,767
66	Jul-2022	37,714,767	1,644,342	626,705	75,530		215,620		38,995,865	51,053	162,223	40,490,239
67	Aug-2022	40,490,239	1,639,870	626,705	75,530		215,620		41,769,101	54,683	173,759	43,276,406
68	Sep-2022	43,276,406	1,842,646	626,705	75,530		215,620		44,656,656	58,464	185,772	46,281,142
69	Oct-2022	46,281,142	2,252,288	733,482	75,530		215,620		47,919,602	62,735	199,346	49,820,143
70	Nov-2022	49,820,143	2,661,169	840,259	75,530		215,620		51,716,432	67,706	215,140	53,895,568
71	Dec-2022	53,895,568	3,069,288	947,037	75,530		215,620		56,049,305	73,379	233,165	58,509,585
72	Jan-2023	58,509,585	3,269,397	1,053,814	252,352				60,797,367	79,595	252,917	63,417,660
73	Feb-2023	63,417,660	3,261,878	1,053,814	252,352				65,701,681	86,015	273,319	68,345,037
74	Mar-2023	68,345,037	3,254,358	1,053,814	252,352				70,625,300	92,461	293,801	73,291,824
75	Apr-2023	73,291,824	3,246,839	1,053,814	252,352				75,568,326	98,932	314,364	78,258,126
76	May-2023	78,258,126	3,239,320	1,053,814	252,352				80,530,869	105,429	335,008	83,244,049
77	Jun-2023	83,244,049	3,231,800	1,053,814	252,352				85,513,032	111,952	355,734	88,249,701
78	Jul-2023	88,249,701	3,224,281	1,053,814	252,352				90,514,925	118,500	376,542	93,275,191
79	Aug-2023	93,275,191	3,216,762	1,053,814	252,352				95,536,655	125,074	397,432	98,320,626
80	Sep-2023	98,320,626	[4]	[4]	[4]				98,320,626	128,719	409,014	98,858,359
81	Oct-2023	98,858,359							98,858,359	129,423	411,251	99,399,033
82	Nov-2023	99,399,033							99,399,033	130,131	413,500	99,942,664
83	Dec-2023	99,942,664							99,942,664	130,843	415,761	100,489,268
81			\$ 55,958,778	\$ 19,295,387	\$ 3,240,410		\$ 13,123,201			\$ 2,124,774	\$ 6,746,717	\$ 100,489,268

[1] NC5040-3 NC Grid Plant in Service and Depreciation Expense Detailed Activity, Line 22

[2] NC5040-4 NC Grid installation O&M Detailed Activity, Line 7

[3] NC5040-5 Cost of debt and equity for deferral periods

[4] Projecting to include plant in service, property tax and depreciation at current rates in interim rates, so the deferral of these items would stop 9/1/2023.

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NC Grid Plant in Service and Depreciation Expense Detailed Activity

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Line		6	7	8	9	10	11	12	1	2	3
No.	Description	2020	2020	2020	2020	2020	2020	2020	2021	2021	2021
		Jun-2020	Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021
1		Actuals [1]									
2	Sum of NC Retail Plant in Service (L27 through L69)										
3	Transmission plant in service	\$ 115,619	\$ (134,318)	\$ 146,080	\$ 204,918	\$ 847,961	\$ 93,551	\$ 3,305,994	\$ 1,395,662	\$ 163,537	\$ 2,222,973
4	Distribution plant in service	6,247,348	6,434,340	4,409,077	5,514,615	6,888,832	6,843,269	5,950,199	3,582,474	5,767,636	6,939,570
5	General plant in service	44,081	55,300	33,494	149,811	90,102	167,631	62,125	148,634	133,779	162,954
6	Intangible plant in service	11,049	157,213	370,693	-	-	145	-	(127)	-	7,244,845
7	Total NC Retail Plant in Service (Sum L3:L6)	\$ 6,418,097	\$ 6,512,535	\$ 4,959,345	\$ 5,869,343	\$ 7,826,896	\$ 7,104,595	\$ 9,318,319	\$ 5,126,643	\$ 6,064,952	\$ 16,570,341
8											
9	Sum of NC Retail Depreciation Expense (L70 through L112)										
10	Transmission depreciation expense	\$ -	\$ 205	\$ (33)	\$ 226	\$ 590	\$ 2,095	\$ 2,261	\$ 8,368	\$ 10,846	\$ 11,136
11	Distribution depreciation expense	-	10,342	20,853	27,968	36,762	47,783	60,363	69,789	75,468	84,334
12	General depreciation expense	-	367	828	1,107	2,356	3,106	4,513	5,039	6,277	7,392
13	Intangible depreciation expense	-	184	2,804	5,885	5,885	5,885	5,887	5,886	5,884	5,884
14	Total NC Retail Depreciation Expense (Sum L10:L13)	\$ -	\$ 11,099	\$ 24,452	\$ 35,186	\$ 45,592	\$ 58,869	\$ 73,024	\$ 89,082	\$ 98,475	\$ 108,746
15											
16	Property taxes										
17	Property tax rate - Combined [3]	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
18	Transmission property tax expense (PY TTD L3 x L17/12)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,534	\$ 2,534	\$ 2,534
19	Distribution property tax expense (PY TTD L4 x L17/12)	-	-	-	-	-	-	-	23,401	23,401	23,401
20	General property tax expense (PY TTD L5 x L17/12)	-	-	-	-	-	-	-	333	333	333
21	Intangible property tax expense (N/A)	-	-	-	-	-	-	-	-	-	-
22	Total NC Retail Property Tax (Sum L18:L21)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,269	\$ 26,269	\$ 26,269
23											
24	NC Retail Plant in Service Additions										
25		Actuals [1]									
26	Depreciation Group	Jun-2020	Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021
27	A INT 303 Software-20017	11,049	157,213	(1,063)	-	-	145	-	(127)	-	7,244,845
28	A INT 30310 Software 10YR-20017	-	-	371,756	-	-	-	-	-	-	-
29	D DIS 361 NC-20017	21,532	3,715	202	46	8	9	(387)	-	(0)	-
30	D DIS 362 NC-20017	467,087	115,574	4,441	12,042	(4,106)	2,943,499	(21,032)	(28,623)	233	3,946,967
31	D DIS 362 NC-20093	-	550,477	-	-	-	-	-	-	-	-
32	D DIS 364 NC-20017	526,661	221,640	187,790	261,417	389,862	378,491	554,585	193,764	414,206	289,674
33	D DIS 364 NC-20093	194	6,885	4,365	6,810	23,833	(257)	6,911	3,249	3,245	4,896
34	D DIS 365 NC-20017	4,949,653	4,455,967	3,876,503	4,043,960	4,246,856	2,425,523	3,773,446	2,412,403	2,114,651	1,847,134
35	D DIS 365 NC-20093	4,590	134,699	109,197	210,857	647,105	667	54,506	102,952	47,313	57,124
36	D DIS 366 NC-20017	3,435	830,535	(1,484)	825	117	(3,459)	232,347	671	1,792,695	95,895
37	D DIS 366 NC-20093	2	18	166	239	125	(26)	6	16	71	83
38	D DIS 367 NC-20017	(981)	(9,651)	4,291	8,757	419,635	318,667	300,743	17,114	830,616	97,794
39	D DIS 367 NC-20093	-	-	-	-	-	-	-	-	-	-
40	D DIS 368 NC-20017	271,090	115,043	215,625	923,223	1,122,817	739,989	951,354	806,802	521,766	592,617
41	D DIS 368 NC-20093	193	5,727	4,681	36,386	23,971	38,834	95,925	66,983	2,989	(429)
42	D DIS 369 NC-20017	1	(877)	-	7,772	9,747	82	417	53	(181)	1,183
43	D DIS 369 NC-20093	-	-	-	-	-	-	-	-	-	-
44	D DIS 370 NC-20017	3,891	4,951	3,110	1,054	6,563	1,250	1,377	7,091	40,341	6,778

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Line No.	Depreciation Group	Actuals [1]									
		Jun-2020	Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021
45	D DIS 370 NC-20093	-	-	-	-	-	-	-	-	-	-
46	D DIS 371 NC-20017	-	(287)	192	1,226	2,234	-	-	-	(161)	4
47	D DIS 371 NC-20093	-	-	-	-	-	-	-	-	-	-
48	D DIS 373 NC-20017	-	(77)	-	-	66	-	-	-	(149)	(148)
49	D DIS 373 NC-20093	-	-	-	-	-	-	-	-	-	-
50	D GEN 390-20017	-	-	-	-	-	-	-	-	-	-
51	D GEN 391 EDP-20017	-	-	-	(35)	-	4,744	5,841	-	-	72,414
52	D GEN 391-20017	-	-	-	-	-	-	-	-	-	-
53	D GEN 397-20017	44,081	55,300	33,494	146,881	90,102	160,165	48,692	146,723	133,772	90,705
54	D GEN 397-20093	-	-	-	2,965	-	2,722	7,592	1,911	7	(165)
55	D TRN 352-20017	-	-	-	-	-	-	-	-	-	-
56	D TRN 353-20017	114,953	(134,899)	145,365	203,768	847,397	93,563	3,305,997	1,395,082	163,640	364,535
57	D TRN 353-20093	666	847	715	1,150	563	(13)	(3)	579	(103)	(103)
58	D TRN 354-20017	-	-	-	-	-	-	-	-	-	-
59	D TRN 355-20017	-	(265)	-	-	-	-	-	-	-	-
60	D TRN 356-20017	-	-	-	-	-	-	-	-	-	1,858,540
61	D TRN 357-20017	-	-	-	-	-	-	-	-	-	-
62	D TRN 358-20017	-	-	-	-	-	-	-	-	-	-
63	N DIS 360 NC-20017	-	-	-	-	-	-	-	-	-	-
64	N TRN 350-20017	-	-	-	-	-	-	-	-	-	-
65	Distribution to Plant in Service	-	-	-	-	-	-	-	-	-	-
66	Transmission to Plant in Service	-	-	-	-	-	-	-	-	-	-
67	Advanced DMS Plant in Service	-	-	-	-	-	-	-	-	-	-
68	Communications Plant in Service	-	-	-	-	-	-	-	-	-	-
69	Enterprise Applications Plant in Service	-	-	-	-	-	-	-	-	-	-

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NC Retail Depreciation Expense		Actuals [1]									
Line No.	Depreciation Group	Jun-2020	Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021
70	A INT 303 Software-20017	-	184	2,804	2,787	2,787	2,787	2,789	2,789	2,787	2,787
71	A INT 30310 Software 10YR-20017	-	-	-	3,098	3,098	3,098	3,098	3,098	3,098	3,098
72	D DIS 361 NC-20017	-	35	41	41	41	41	41	41	41	41
73	D DIS 362 NC-20017	-	1,008	1,258	1,267	1,293	1,284	7,637	7,592	7,530	7,531
74	D DIS 362 NC-20093	-	-	1,188	1,188	1,188	1,188	1,188	1,188	1,188	1,188
75	D DIS 364 NC-20017	-	869	1,235	1,545	1,976	2,619	3,244	4,159	4,478	5,162
76	D DIS 364 NC-20093	-	0	12	19	30	69	69	80	86	91
77	D DIS 365 NC-20017	-	8,002	15,206	21,473	28,010	34,876	38,798	44,898	48,798	52,217
78	D DIS 365 NC-20093	-	7	225	402	743	1,789	1,790	1,878	2,044	2,121
79	D DIS 366 NC-20017	-	4	1,091	1,089	1,090	1,090	1,086	1,390	1,391	3,736
80	D DIS 366 NC-20093	-	0	0	0	1	1	1	1	1	1
81	D DIS 367 NC-20017	-	(2)	(18)	(11)	4	703	1,235	1,736	1,764	3,149
82	D DIS 367 NC-20093	-	-	-	-	-	-	-	-	-	-
83	D DIS 368 NC-20017	-	400	570	888	2,249	3,906	4,997	6,400	7,590	8,360
84	D DIS 368 NC-20093	-	0	9	16	69	105	162	303	402	407
85	D DIS 369 NC-20017	-	0	(1)	(1)	8	18	18	19	19	19
86	D DIS 369 NC-20093	-	-	-	-	-	-	-	-	-	-
87	D DIS 370 NC-20017	-	17	39	53	57	86	92	98	129	308
88	D DIS 370 NC-20093	-	-	-	-	-	-	-	-	-	-
89	D DIS 371 NC-20017	-	-	(1)	(0)	2	6	6	6	6	6
90	D DIS 371 NC-20093	-	-	-	-	-	-	-	-	-	-
91	D DIS 373 NC-20017	-	-	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
92	D DIS 373 NC-20093	-	-	-	-	-	-	-	-	-	-
93	D GEN 390-20017	-	-	-	-	-	-	-	-	-	-
94	D GEN 391 EDP-20017	-	-	-	-	(0)	(0)	49	110	110	110
95	D GEN 391-20017	-	-	-	-	-	-	-	-	-	-
96	D GEN 397-20017	-	367	828	1,107	2,331	3,082	4,417	4,819	6,041	7,156
97	D GEN 397-20093	-	-	-	-	25	25	47	111	126	127
98	D TRN 352-20017	-	-	-	-	-	-	-	-	-	-
99	D TRN 353-20017	-	204	(35)	223	584	2,088	2,255	8,362	10,838	11,128
100	D TRN 353-20093	-	1	3	4	6	7	7	7	8	8
101	D TRN 354-20017	-	-	-	-	-	-	-	-	-	-
102	D TRN 355-20017	-	-	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
103	D TRN 356-20017	-	-	-	-	-	-	-	-	-	-
104	D TRN 357-20017	-	-	-	-	-	-	-	-	-	-
105	D TRN 358-20017	-	-	-	-	-	-	-	-	-	-
106	N DIS 360 NC-20017	-	-	-	-	-	-	-	-	-	-
107	N TRN 350-20017	-	-	-	-	-	-	-	-	-	-
108	Distribution to Plant in Service	-	-	-	-	-	-	-	-	-	-
109	Transmission to Plant in Service	-	-	-	-	-	-	-	-	-	-
110	Advanced DMS Plant in Service	-	-	-	-	-	-	-	-	-	-
111	Communications Plant in Service	-	-	-	-	-	-	-	-	-	-
112	Enterprise Applications Plant in Service	-	-	-	-	-	-	-	-	-	-

[1] Grid actual plant additions per Finance
[2] Grid forecasted plant additions per Financial Planning
[3] NC5040-6 Effective property tax rates
[4] NC5040-7 Cost of Service Allocations Factors

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No.	Description	2021	2021	2021	2021	2021	2021	2021	2021	2021	2022
		Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022
1		Actuals [1]									
2	Sum of NC Retail Plant in Service (L27 through L69)										
3	Transmission plant in service	\$ 893,378	\$ 69,071	\$ 18,763	\$ 1,433,770	\$ 1,057,785	\$ (211,583)	\$ 1,252,548	\$ 2,417,581	\$ 103,024	\$ 170,178
4	Distribution plant in service	5,291,829	4,325,825	3,970,350	4,055,352	4,371,200	9,374,459	4,901,967	5,405,735	19,778,983	10,725,130
5	General plant in service	145,293	179,684	117,964	20,743	6,948	25,898	45,170	8,420	28,823	185,269
6	Intangible plant in service	90,960	441,167	(36,721)	-	(3,973)	-	3,687,956	399,062	(1,335)	156,043
7	Total NC Retail Plant in Service (Sum L3:L6)	\$ 6,421,459	\$ 5,015,748	\$ 4,070,357	\$ 5,509,865	\$ 5,431,961	\$ 9,188,774	\$ 9,887,640	\$ 8,230,798	\$ 19,909,495	\$ 11,236,620
8											
9	Sum of NC Retail Depreciation Expense (L70 through L112)										
10	Transmission depreciation expense	\$ 14,880	\$ 16,456	\$ 17,975	\$ 18,008	\$ 20,816	\$ 22,887	\$ 22,473	\$ 24,921	\$ 29,573	\$ 28,879
11	Distribution depreciation expense	97,610	106,101	114,146	120,793	127,592	135,138	151,766	160,196	169,627	206,084
12	General depreciation expense	8,901	10,112	11,609	12,592	12,765	12,823	13,039	13,415	13,485	13,722
13	Intangible depreciation expense	126,632	128,148	135,500	134,888	134,888	134,822	134,822	196,288	202,939	204,315
14	Total NC Retail Depreciation Expense (Sum L10:L13)	\$ 248,023	\$ 260,817	\$ 279,230	\$ 286,281	\$ 296,061	\$ 305,671	\$ 322,099	\$ 394,820	\$ 415,624	\$ 453,001
15											
16	Property taxes										
17	Property tax rate - Combined [3]	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
18	Transmission property tax expense (PY TTD L3 x L17/12)	\$ 2,534	\$ 2,534	\$ 2,534	\$ 2,534	\$ 2,534	\$ 2,534	\$ 2,534	\$ 2,534	\$ 2,534	\$ 8,484
19	Distribution property tax expense (PY TTD L4 x L17/12)	23,401	23,401	23,401	23,401	23,401	23,401	23,401	23,401	23,401	66,150
20	General property tax expense (PY TTD L5 x L17/12)	333	333	333	333	333	333	333	333	333	896
21	Intangible property tax expense (N/A)	-	-	-	-	-	-	-	-	-	-
22	Total NC Retail Property Tax (Sum L18:L21)	\$ 26,269	\$ 26,269	\$ 26,269	\$ 26,269	\$ 26,269	\$ 26,269	\$ 26,269	\$ 26,269	\$ 26,269	\$ 75,530
23											
24	NC Retail Plant in Service Additions										
25		Actuals [1]									
26	Depreciation Group	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022
27	A INT 303 Software-20017	90,960	441,167	(36,721)	-	(3,973)	-	3,687,956	399,062	(1,335)	156,043
28	A INT 30310 Software 10YR-20017	-	-	-	-	-	-	-	-	-	-
29	D DIS 361 NC-20017	-	-	-	-	-	-	-	-	-	-
30	D DIS 362 NC-20017	(10,159)	1,444	(2,880)	8,849	599,320	3,369,390	578,627	1,312,807	11,900,068	802,467
31	D DIS 362 NC-20093	-	-	-	-	-	-	-	-	-	-
32	D DIS 364 NC-20017	718,950	512,195	263,137	326,751	380,971	333,181	178,802	386,945	458,324	756,992
33	D DIS 364 NC-20093	(3,544)	21,706	12,056	166	21,796	7,197	31,577	(5,850)	1,627	25,240
34	D DIS 365 NC-20017	3,073,990	2,633,960	2,141,946	2,141,245	1,295,928	3,486,767	1,680,454	2,047,658	3,845,195	4,372,824
35	D DIS 365 NC-20093	(4,043)	36,028	141,634	129,430	103,934	38,568	106,395	187,190	15,829	100,715
36	D DIS 366 NC-20017	202,205	429	19,596	11,714	21,024	4,297	1,262	2,169	4,009	592
37	D DIS 366 NC-20093	(71)	2	(238)	1	734	(3)	737	1	(7)	13
38	D DIS 367 NC-20017	24,316	2,747	70,633	28,589	12,864	44,699	(523)	24,701	8,799	4,760
39	D DIS 367 NC-20093	-	-	-	-	2,148	-	4,220	-	1,071	235
40	D DIS 368 NC-20017	1,233,436	1,052,809	1,300,811	1,409,438	1,871,181	2,042,811	2,168,596	1,389,476	3,562,504	4,620,299
41	D DIS 368 NC-20093	1,437	43,203	7,764	1,049	53,554	40,765	141,529	66,270	(11,087)	27,459
42	D DIS 369 NC-20017	426	1,042	467	322	1,471	142	17	434	(156)	369
43	D DIS 369 NC-20093	-	-	-	-	-	-	-	-	-	109
44	D DIS 370 NC-20017	54,821	19,300	14,462	(5,246)	3,068	1,167	9,763	(13,282)	(9,852)	9,414

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Line No.	Depreciation Group	Actuals [1]									
		Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022
45	D DIS 370 NC-20093	-	-	-	-	65	2,786	25	6,535	2,455	32
46	D DIS 371 NC-20017	67	26	(0)	1,817	3,233	2,069	597	75	15	2,191
47	D DIS 371 NC-20093	-	-	-	-	-	-	-	666	(42)	70
48	D DIS 373 NC-20017	-	933	963	1,227	(92)	622	(111)	(60)	233	1,332
49	D DIS 373 NC-20093	-	-	-	-	-	-	-	-	-	16
50	D GEN 390-20017	-	-	-	-	-	-	-	-	-	-
51	D GEN 391 EDP-20017	-	-	(72)	-	-	-	-	-	-	-
52	D GEN 391-20017	-	-	-	-	-	-	-	-	-	-
53	D GEN 397-20017	145,293	176,731	117,803	20,654	6,936	25,883	45,161	4,285	29,609	183,730
54	D GEN 397-20093	-	2,954	233	89	13	15	8	4,135	(787)	1,539
55	D TRN 352-20017	-	-	-	-	-	-	14,301	282,492	4,575	707
56	D TRN 353-20017	263,184	8,887	2,357	1,429,366	1,057,685	(212,890)	1,238,711	2,133,033	98,459	169,472
57	D TRN 353-20093	540,001	12,170	1,009	5,660	602	-	121	1,062	828	-
58	D TRN 354-20017	-	-	-	-	-	-	-	-	-	-
59	D TRN 355-20017	-	-	-	-	-	-	-	-	-	-
60	D TRN 356-20017	90,193	48,014	15,396	(1,256)	(502)	1,307	(585)	994	(839)	-
61	D TRN 357-20017	-	-	-	-	-	-	-	-	-	-
62	D TRN 358-20017	-	-	-	-	-	-	-	-	-	-
63	N DIS 360 NC-20017	-	-	-	-	-	-	-	-	-	-
64	N TRN 350-20017	-	-	-	-	-	-	-	-	-	-
65	Distribution to Plant in Service	-	-	-	-	-	-	-	-	-	-
66	Transmission to Plant in Service	-	-	-	-	-	-	-	-	-	-
67	Advanced DMS Plant in Service	-	-	-	-	-	-	-	-	-	-
68	Communications Plant in Service	-	-	-	-	-	-	-	-	-	-
69	Enterprise Applications Plant in Service	-	-	-	-	-	-	-	-	-	-

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Line No.	Depreciation Group	New Depr Rates Eff.									
		Actuals [1]									
		Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022
70	A INT 303 Software-20017	123,534	125,050	132,403	131,791	131,791	131,725	131,725	193,191	199,842	201,196
71	A INT 30310 Software 10YR-20017	3,098	3,098	3,098	3,098	3,098	3,098	3,098	3,098	3,098	3,119
72	D DIS 361 NC-20017	41	41	41	41	41	41	41	41	41	41
73	D DIS 362 NC-20017	16,050	16,028	14,483	14,478	14,495	15,664	22,234	23,362	25,922	49,127
74	D DIS 362 NC-20093	1,188	1,188	1,073	1,073	1,073	1,073	1,073	1,073	1,073	1,073
75	D DIS 364 NC-20017	5,640	6,826	8,214	8,679	9,256	9,929	10,517	10,833	11,517	12,327
76	D DIS 364 NC-20093	99	93	138	160	160	198	211	267	257	259
77	D DIS 365 NC-20017	55,203	60,172	65,427	68,943	72,459	74,586	80,310	83,069	86,431	92,743
78	D DIS 365 NC-20093	2,213	2,207	2,300	2,532	2,745	2,916	2,979	3,154	3,461	3,487
79	D DIS 366 NC-20017	3,862	4,126	3,601	3,623	3,637	3,661	3,666	3,667	3,670	3,674
80	D DIS 366 NC-20093	1	1	1	0	0	1	1	2	2	2
81	D DIS 367 NC-20017	3,312	3,352	3,290	3,405	3,452	3,473	3,546	3,545	3,585	3,600
82	D DIS 367 NC-20093	-	-	-	-	-	4	4	10	10	12
83	D DIS 368 NC-20017	9,234	11,053	14,672	16,905	19,324	22,536	26,043	29,766	32,151	38,267
84	D DIS 368 NC-20093	406	408	549	562	564	656	726	969	1,083	1,064
85	D DIS 369 NC-20017	20	20	23	23	24	25	26	26	26	26
86	D DIS 369 NC-20093	-	-	-	-	-	-	-	-	-	-
87	D DIS 370 NC-20017	337	580	326	357	346	353	355	376	348	326
88	D DIS 370 NC-20093	-	-	-	-	-	0	6	6	20	26
89	D DIS 371 NC-20017	6	6	6	6	10	16	20	21	22	22
90	D DIS 371 NC-20093	-	-	-	-	-	-	-	-	1	1
91	D DIS 373 NC-20017	(1)	(1)	1	3	6	6	7	7	7	7
92	D DIS 373 NC-20093	-	-	-	-	-	-	-	-	-	-
93	D GEN 390-20017	-	-	-	-	-	-	-	-	-	-
94	D GEN 391 EDP-20017	864	864	864	863	863	863	863	863	863	863
95	D GEN 391-20017	-	-	-	-	-	-	-	-	-	-
96	D GEN 397-20017	7,912	9,123	10,595	11,577	11,749	11,807	12,023	12,399	12,435	12,678
97	D GEN 397-20093	125	125	150	152	152	153	153	153	187	181
98	D TRN 352-20017	-	-	-	-	-	-	-	24	495	487
99	D TRN 353-20017	11,775	12,243	13,524	13,529	16,328	18,400	17,983	20,408	24,586	24,033
100	D TRN 353-20093	8	966	1,090	1,092	1,103	1,104	1,104	1,104	1,107	1,075
101	D TRN 354-20017	-	-	-	-	-	-	-	-	-	-
102	D TRN 355-20017	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
103	D TRN 356-20017	3,098	3,248	3,361	3,387	3,385	3,384	3,386	3,385	3,387	3,284
104	D TRN 357-20017	-	-	-	-	-	-	-	-	-	-
105	D TRN 358-20017	-	-	-	-	-	-	-	-	-	-
106	N DIS 360 NC-20017	-	-	-	-	-	-	-	-	-	-
107	N TRN 350-20017	-	-	-	-	-	-	-	-	-	-
108	Distribution to Plant in Service	-	-	-	-	-	-	-	-	-	-
109	Transmission to Plant in Service	-	-	-	-	-	-	-	-	-	-
110	Advanced DMS Plant in Service	-	-	-	-	-	-	-	-	-	-
111	Communications Plant in Service	-	-	-	-	-	-	-	-	-	-
112	Enterprise Applications Plant in Service	-	-	-	-	-	-	-	-	-	-

[1] Grid actual plant additions per Finance
[2] Grid forecasted plant additions per Financial Planning
[3] NC5040-6 Effective property tax rates
[4] NC5040-7 Cost of Service Allocations Factors

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Line No.	Description	2 2022 Feb-2022	3 2022 Mar-2022	4 2022 Apr-2022	5 2022 May-2022	6 2022 Jun-2022	7 2022 Jul-2022	8 2022 Aug-2022	9 2022 Sep-2022	10 2022 Oct-2022	11 2022 Nov-2022
1		Actuals [1]					Forecasted [2]				
2	Sum of NC Retail Plant in Service (L27 through L69)										
3	Transmission plant in service	\$ 1,441,613	\$ 46,083	\$ 36,932	\$ 1,779,411	\$ 318,502	\$ -	\$ -	\$ 11,085,594	\$ 11,085,594	\$ 11,085,594
4	Distribution plant in service	9,111,254	13,177,944	18,456,213	18,443,006	12,490,190	-	-	47,005,316	47,005,316	47,005,316
5	General plant in service	34,685	226,898	45,530	(50,107)	(61,317)	-	-	-	-	-
6	Intangible plant in service	453,320	-	(6)	-	605,531	-	-	-	-	-
7	Total NC Retail Plant in Service (Sum L3:L6)	\$ 11,040,873	\$ 13,450,925	\$ 18,538,671	\$ 20,172,311	\$ 13,352,905	\$ -	\$ -	\$ 58,090,910	\$ 58,090,910	\$ 58,090,910
8											
9	Sum of NC Retail Depreciation Expense (L70 through L112)										
10	Transmission depreciation expense	\$ 29,212	\$ 31,896	\$ 31,983	\$ 32,050	\$ 35,632	\$ 36,254	\$ 36,254	\$ 36,254	\$ 56,855	\$ 77,456
11	Distribution depreciation expense	224,391	239,966	262,933	294,665	326,803	348,990	348,990	348,990	435,167	521,343
12	General depreciation expense	15,266	15,555	17,446	17,825	17,408	16,897	16,897	16,897	16,897	16,897
13	Intangible depreciation expense	206,916	214,471	214,471	214,471	214,471	224,563	224,563	224,563	224,563	224,563
14	Total NC Retail Depreciation Expense (Sum L10:L13)	\$ 475,785	\$ 501,888	\$ 526,833	\$ 559,012	\$ 594,314	\$ 626,705	\$ 626,705	\$ 626,705	\$ 733,482	\$ 840,259
15											
16	Property taxes										
17	Property tax rate - Combined [3]	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
18	Transmission property tax expense (PY TTD L3 x L17/12)	\$ 8,484	\$ 8,484	\$ 8,484	\$ 8,484	\$ 8,484	\$ 8,484	\$ 8,484	\$ 8,484	\$ 8,484	\$ 8,484
19	Distribution property tax expense (PY TTD L4 x L17/12)	66,150	66,150	66,150	66,150	66,150	66,150	66,150	66,150	66,150	66,150
20	General property tax expense (PY TTD L5 x L17/12)	896	896	896	896	896	896	896	896	896	896
21	Intangible property tax expense (N/A)	-	-	-	-	-	-	-	-	-	-
22	Total NC Retail Property Tax (Sum L18:L21)	\$ 75,530	\$ 75,530	\$ 75,530	\$ 75,530	\$ 75,530	\$ 75,530	\$ 75,530	\$ 75,530	\$ 75,530	\$ 75,530
23											
24	NC Retail Plant in Service Additions										
25		Actuals [1]					Forecasted [2]				
26	Depreciation Group	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022
27	A INT 303 Software-20017	453,320	-	(6)	-	605,531	-	-	-	-	-
28	A INT 30310 Software 10YR-20017	-	-	-	-	-	-	-	-	-	-
29	D DIS 361 NC-20017	-	-	-	-	-	-	-	-	-	-
30	D DIS 362 NC-20017	1,176,711	2,167,571	2,984,259	4,467,378	4,086,905	-	-	-	-	-
31	D DIS 362 NC-20093	-	-	-	-	-	-	-	-	-	-
32	D DIS 364 NC-20017	373,105	1,770,210	1,214,850	1,027,953	1,007,286	-	-	-	-	-
33	D DIS 364 NC-20093	55,631	38,544	77,575	46,214	94,654	-	-	-	-	-
34	D DIS 365 NC-20017	4,803,070	(94,765)	9,806,311	8,879,518	3,951,103	-	-	-	-	-
35	D DIS 365 NC-20093	46,204	22,230	261,362	209,311	354,712	-	-	-	-	-
36	D DIS 366 NC-20017	7,422	272,355	10,609	21,118	(57,215)	-	-	-	-	-
37	D DIS 366 NC-20093	6	1	9	31	19	-	-	-	-	-
38	D DIS 367 NC-20017	17,491	1,785,787	112,838	50,106	(2,811)	-	-	-	-	-
39	D DIS 367 NC-20093	443	251	560	509	1,265	-	-	-	-	-
40	D DIS 368 NC-20017	2,579,809	6,778,722	3,715,986	3,533,104	2,910,081	-	-	-	-	-
41	D DIS 368 NC-20093	33,908	21,954	138,940	28,334	86,993	-	-	-	-	-
42	D DIS 369 NC-20017	290	102,793	422	364	(2,545)	-	-	-	-	-
43	D DIS 369 NC-20093	216	181	273	187	130	-	-	-	-	-
44	D DIS 370 NC-20017	15,221	162,082	111,455	162,966	39,271	-	-	-	-	-

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NC Retail Plant in Service Additions continued		Actuals [1]					Forecasted [2]				
Line No.	Depreciation Group	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022
45	D DIS 370 NC-20093	326	(8)	18,607	10,751	14,741	-	-	-	-	-
46	D DIS 371 NC-20017	847	152,118	1,201	3,973	3,192	-	-	-	-	-
47	D DIS 371 NC-20093	130	123	353	(71)	74	-	-	-	-	-
48	D DIS 373 NC-20017	393	(2,230)	567	1,236	2,317	-	-	-	-	-
49	D DIS 373 NC-20093	30	25	38	26	17	-	-	-	-	-
50	D GEN 390-20017	-	-	-	-	-	-	-	-	-	-
51	D GEN 391 EDP-20017	-	-	-	-	-	-	-	-	-	-
52	D GEN 391-20017	-	-	-	-	-	-	-	-	-	-
53	D GEN 397-20017	34,430	226,903	45,585	(50,661)	(61,788)	-	-	-	-	-
54	D GEN 397-20093	255	(4)	(54)	554	471	-	-	-	-	-
55	D TRN 352-20017	476,352	11,496	15,882	(291,083)	3,848	-	-	-	-	-
56	D TRN 353-20017	965,261	34,587	21,051	2,066,391	314,654	-	-	-	-	-
57	D TRN 353-20093	-	-	-	-	-	-	-	-	-	-
58	D TRN 354-20017	-	-	-	-	-	-	-	-	-	-
59	D TRN 355-20017	-	-	-	24,481	-	-	-	-	-	-
60	D TRN 356-20017	-	-	-	(21,191)	-	-	-	-	-	-
61	D TRN 357-20017	-	-	-	813	-	-	-	-	-	-
62	D TRN 358-20017	-	-	-	-	-	-	-	-	-	-
63	N DIS 360 NC-20017	-	-	-	-	-	-	-	-	-	-
64	N TRN 350-20017	-	-	-	-	-	-	-	-	-	-
65	Distribution to Plant in Service	-	-	-	-	-	-	47,005,316	47,005,316	47,005,316	-
66	Transmission to Plant in Service	-	-	-	-	-	-	11,085,594	11,085,594	11,085,594	-
67	Advanced DMS Plant in Service	-	-	-	-	-	-	-	-	-	-
68	Communications Plant in Service	-	-	-	-	-	-	-	-	-	-
69	Enterprise Applications Plant in Service	-	-	-	-	-	-	-	-	-	-

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NC Retail Depreciation Expense		Actuals [1]					Forecasted [2]				
Line No.	Depreciation Group	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022
70	A INT 303 Software-20017	203,797	211,352	211,352	211,352	211,352	221,444	221,444	221,444	221,444	221,444
71	A INT 30310 Software 10YR-20017	3,119	3,119	3,119	3,119	3,119	3,119	3,119	3,119	3,119	3,119
72	D DIS 361 NC-20017	41	41	41	41	41	41	41	41	41	41
73	D DIS 362 NC-20017	50,692	52,987	57,214	63,033	71,744	79,714	79,714	79,714	79,714	79,714
74	D DIS 362 NC-20093	1,073	1,073	1,073	1,073	1,073	1,073	1,073	1,073	1,073	1,073
75	D DIS 364 NC-20017	13,664	14,323	17,451	19,597	21,413	23,192	23,192	23,192	23,192	23,192
76	D DIS 364 NC-20093	304	402	470	607	689	856	856	856	856	856
77	D DIS 365 NC-20017	99,922	107,807	107,651	123,750	138,327	144,814	144,814	144,814	144,814	144,814
78	D DIS 365 NC-20093	3,652	3,728	3,765	4,194	4,537	5,120	5,120	5,120	5,120	5,120
79	D DIS 366 NC-20017	3,675	3,683	3,994	4,006	4,031	3,965	3,965	3,965	3,965	3,965
80	D DIS 366 NC-20093	2	2	2	2	2	2	2	2	2	2
81	D DIS 367 NC-20017	3,607	3,636	6,553	6,737	6,819	6,814	6,814	6,814	6,814	6,814
82	D DIS 367 NC-20093	13	13	14	15	15	17	17	17	17	17
83	D DIS 368 NC-20017	46,198	50,627	62,264	68,643	74,708	79,704	79,704	79,704	79,704	79,704
84	D DIS 368 NC-20093	1,111	1,169	1,207	1,445	1,494	1,643	1,643	1,643	1,643	1,643
85	D DIS 369 NC-20017	26	27	146	146	147	144	144	144	144	144
86	D DIS 369 NC-20093	0	0	1	1	1	1	1	1	1	1
87	D DIS 370 NC-20017	347	380	731	972	1,325	1,411	1,411	1,411	1,411	1,411
88	D DIS 370 NC-20093	26	26	26	67	90	122	122	122	122	122
89	D DIS 371 NC-20017	26	27	323	325	333	339	339	339	339	339
90	D DIS 371 NC-20093	1	2	2	3	2	3	3	3	3	3
91	D DIS 373 NC-20017	10	11	6	7	10	14	14	14	14	14
92	D DIS 373 NC-20093	0	0	0	0	0	0	0	0	0	0
93	D GEN 390-20017	-	-	-	-	-	-	-	-	-	-
94	D GEN 391 EDP-20017	863	863	863	863	863	863	863	863	863	863
95	D GEN 391-20017	-	-	-	-	-	-	-	-	-	-
96	D GEN 397-20017	14,210	14,496	16,387	16,767	16,345	15,830	15,830	15,830	15,830	15,830
97	D GEN 397-20093	193	196	196	195	200	204	204	204	204	204
98	D TRN 352-20017	488	1,282	1,301	1,328	843	849	849	849	849	849
99	D TRN 353-20017	24,365	26,255	26,323	26,364	30,411	31,027	31,027	31,027	31,027	31,027
100	D TRN 353-20093	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075
101	D TRN 354-20017	-	-	-	-	-	-	-	-	-	-
102	D TRN 355-20017	(1)	(1)	(1)	(1)	54	54	54	54	54	54
103	D TRN 356-20017	3,284	3,284	3,284	3,284	3,248	3,248	3,248	3,248	3,248	3,248
104	D TRN 357-20017	-	-	-	-	1	1	1	1	1	1
105	D TRN 358-20017	-	-	-	-	-	-	-	-	-	-
106	N DIS 360 NC-20017	-	-	-	-	-	-	-	-	-	-
107	N TRN 350-20017	-	-	-	-	-	-	-	-	-	-
108	Distribution to Plant in Service	-	-	-	-	-	-	-	-	86,176	172,353
109	Transmission to Plant in Service	-	-	-	-	-	-	-	-	20,601	41,201
110	Advanced DMS Plant in Service	-	-	-	-	-	-	-	-	-	-
111	Communications Plant in Service	-	-	-	-	-	-	-	-	-	-
112	Enterprise Applications Plant in Service	-	-	-	-	-	-	-	-	-	-

[1] Grid actual plant additions per Finance
[2] Grid forecasted plant additions per Financial Planning
[3] NC5040-6 Effective property tax rates
[4] NC5040-7 Cost of Service Allocations Factors

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1		Forecasted [2]									
2	Sum of NC Retail Plant in Service (L27 through L69)										
3	Transmission plant in service	\$ 11,085,594	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Distribution plant in service	47,005,316	-	-	-	-	-	-	-	-	-
5	General plant in service	-	-	-	-	-	-	-	-	-	-
6	Intangible plant in service	-	-	-	-	-	-	-	-	-	-
7	Total NC Retail Plant in Service (Sum L3:L6)	\$ 58,090,910	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8											
9	Sum of NC Retail Depreciation Expense (L70 through L112)										
10	Transmission depreciation expense	\$ 98,057	\$ 118,657	\$ 118,657	\$ 118,657	\$ 118,657	\$ 118,657	\$ 118,657	\$ 118,657	\$ 118,657	\$ 118,657
11	Distribution depreciation expense	607,519	693,696	693,696	693,696	693,696	693,696	693,696	693,696	693,696	693,696
12	General depreciation expense	16,897	16,897	16,897	16,897	16,897	16,897	16,897	16,897	16,897	16,897
13	Intangible depreciation expense	224,563	224,563	224,563	224,563	224,563	224,563	224,563	224,563	224,563	224,563
14	Total NC Retail Depreciation Expense (Sum L10:L13)	\$ 947,037	\$ 1,053,814	\$ 1,053,814	\$ 1,053,814	\$ 1,053,814	\$ 1,053,814	\$ 1,053,814	\$ 1,053,814	\$ 1,053,814	\$ 1,053,814
15											
16	Property taxes										
17	Property tax rate - Combined [3]	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%	0.66%
18	Transmission property tax expense (PY TTD L3 x L17/12)	\$ 8,484	\$ 35,157	\$ 35,157	\$ 35,157	\$ 35,157	\$ 35,157	\$ 35,157	\$ 35,157	\$ 35,157	\$ 35,157
19	Distribution property tax expense (PY TTD L4 x L17/12)	66,150	216,084	216,084	216,084	216,084	216,084	216,084	216,084	216,084	216,084
20	General property tax expense (PY TTD L5 x L17/12)	896	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111	1,111
21	Intangible property tax expense (N/A)	-	-	-	-	-	-	-	-	-	-
22	Total NC Retail Property Tax (Sum L18:L21)	\$ 75,530	\$ 252,352	\$ 252,352	\$ 252,352	\$ 252,352	\$ 252,352	\$ 252,352	\$ 252,352	\$ 252,352	\$ 252,352
23											
24	NC Retail Plant in Service Additions										
25		Forecasted [2]									
26	Depreciation Group	Dec-2022	Jan-2023	Feb-2023	Mar-2023	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023
27	A INT 303 Software-20017	-	-	-	-	-	-	-	-	-	-
28	A INT 30310 Software 10YR-20017	-	-	-	-	-	-	-	-	-	-
29	D DIS 361 NC-20017	-	-	-	-	-	-	-	-	-	-
30	D DIS 362 NC-20017	-	-	-	-	-	-	-	-	-	-
31	D DIS 362 NC-20093	-	-	-	-	-	-	-	-	-	-
32	D DIS 364 NC-20017	-	-	-	-	-	-	-	-	-	-
33	D DIS 364 NC-20093	-	-	-	-	-	-	-	-	-	-
34	D DIS 365 NC-20017	-	-	-	-	-	-	-	-	-	-
35	D DIS 365 NC-20093	-	-	-	-	-	-	-	-	-	-
36	D DIS 366 NC-20017	-	-	-	-	-	-	-	-	-	-
37	D DIS 366 NC-20093	-	-	-	-	-	-	-	-	-	-
38	D DIS 367 NC-20017	-	-	-	-	-	-	-	-	-	-
39	D DIS 367 NC-20093	-	-	-	-	-	-	-	-	-	-
40	D DIS 368 NC-20017	-	-	-	-	-	-	-	-	-	-
41	D DIS 368 NC-20093	-	-	-	-	-	-	-	-	-	-
42	D DIS 369 NC-20017	-	-	-	-	-	-	-	-	-	-
43	D DIS 369 NC-20093	-	-	-	-	-	-	-	-	-	-
44	D DIS 370 NC-20017	-	-	-	-	-	-	-	-	-	-

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NC Retail Plant in Service Additions continued

NC Retail Plant in Service Additions continued		Forecasted [2]									
Line No.	Depreciation Group	Dec-2022	Jan-2023	Feb-2023	Mar-2023	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023
45	D DIS 370 NC-20093	-	-	-	-	-	-	-	-	-	-
46	D DIS 371 NC-20017	-	-	-	-	-	-	-	-	-	-
47	D DIS 371 NC-20093	-	-	-	-	-	-	-	-	-	-
48	D DIS 373 NC-20017	-	-	-	-	-	-	-	-	-	-
49	D DIS 373 NC-20093	-	-	-	-	-	-	-	-	-	-
50	D GEN 390-20017	-	-	-	-	-	-	-	-	-	-
51	D GEN 391 EDP-20017	-	-	-	-	-	-	-	-	-	-
52	D GEN 391-20017	-	-	-	-	-	-	-	-	-	-
53	D GEN 397-20017	-	-	-	-	-	-	-	-	-	-
54	D GEN 397-20093	-	-	-	-	-	-	-	-	-	-
55	D TRN 352-20017	-	-	-	-	-	-	-	-	-	-
56	D TRN 353-20017	-	-	-	-	-	-	-	-	-	-
57	D TRN 353-20093	-	-	-	-	-	-	-	-	-	-
58	D TRN 354-20017	-	-	-	-	-	-	-	-	-	-
59	D TRN 355-20017	-	-	-	-	-	-	-	-	-	-
60	D TRN 356-20017	-	-	-	-	-	-	-	-	-	-
61	D TRN 357-20017	-	-	-	-	-	-	-	-	-	-
62	D TRN 358-20017	-	-	-	-	-	-	-	-	-	-
63	N DIS 360 NC-20017	-	-	-	-	-	-	-	-	-	-
64	N TRN 350-20017	-	-	-	-	-	-	-	-	-	-
65	Distribution to Plant in Service	47,005,316	-	-	-	-	-	-	-	-	-
66	Transmission to Plant in Service	11,085,594	-	-	-	-	-	-	-	-	-
67	Advanced DMS Plant in Service	-	-	-	-	-	-	-	-	-	-
68	Communications Plant in Service	-	-	-	-	-	-	-	-	-	-
69	Enterprise Applications Plant in Service	-	-	-	-	-	-	-	-	-	-

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NC Retail Depreciation Expense		Forecasted [2]									
Line No.	Depreciation Group	Dec-2022	Jan-2023	Feb-2023	Mar-2023	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023
70	A INT 303 Software-20017	221,444	221,444	221,444	221,444	221,444	221,444	221,444	221,444	221,444	221,444
71	A INT 30310 Software 10YR-20017	3,119	3,119	3,119	3,119	3,119	3,119	3,119	3,119	3,119	3,119
72	D DIS 361 NC-20017	41	41	41	41	41	41	41	41	41	41
73	D DIS 362 NC-20017	79,714	79,714	79,714	79,714	79,714	79,714	79,714	79,714	79,714	79,714
74	D DIS 362 NC-20093	1,073	1,073	1,073	1,073	1,073	1,073	1,073	1,073	1,073	1,073
75	D DIS 364 NC-20017	23,192	23,192	23,192	23,192	23,192	23,192	23,192	23,192	23,192	23,192
76	D DIS 364 NC-20093	856	856	856	856	856	856	856	856	856	856
77	D DIS 365 NC-20017	144,814	144,814	144,814	144,814	144,814	144,814	144,814	144,814	144,814	144,814
78	D DIS 365 NC-20093	5,120	5,120	5,120	5,120	5,120	5,120	5,120	5,120	5,120	5,120
79	D DIS 366 NC-20017	3,965	3,965	3,965	3,965	3,965	3,965	3,965	3,965	3,965	3,965
80	D DIS 366 NC-20093	2	2	2	2	2	2	2	2	2	2
81	D DIS 367 NC-20017	6,814	6,814	6,814	6,814	6,814	6,814	6,814	6,814	6,814	6,814
82	D DIS 367 NC-20093	17	17	17	17	17	17	17	17	17	17
83	D DIS 368 NC-20017	79,704	79,704	79,704	79,704	79,704	79,704	79,704	79,704	79,704	79,704
84	D DIS 368 NC-20093	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643	1,643
85	D DIS 369 NC-20017	144	144	144	144	144	144	144	144	144	144
86	D DIS 369 NC-20093	1	1	1	1	1	1	1	1	1	1
87	D DIS 370 NC-20017	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411	1,411
88	D DIS 370 NC-20093	122	122	122	122	122	122	122	122	122	122
89	D DIS 371 NC-20017	339	339	339	339	339	339	339	339	339	339
90	D DIS 371 NC-20093	3	3	3	3	3	3	3	3	3	3
91	D DIS 373 NC-20017	14	14	14	14	14	14	14	14	14	14
92	D DIS 373 NC-20093	0	0	0	0	0	0	0	0	0	0
93	D GEN 390-20017	-	-	-	-	-	-	-	-	-	-
94	D GEN 391 EDP-20017	863	863	863	863	863	863	863	863	863	863
95	D GEN 391-20017	-	-	-	-	-	-	-	-	-	-
96	D GEN 397-20017	15,830	15,830	15,830	15,830	15,830	15,830	15,830	15,830	15,830	15,830
97	D GEN 397-20093	204	204	204	204	204	204	204	204	204	204
98	D TRN 352-20017	849	849	849	849	849	849	849	849	849	849
99	D TRN 353-20017	31,027	31,027	31,027	31,027	31,027	31,027	31,027	31,027	31,027	31,027
100	D TRN 353-20093	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075	1,075
101	D TRN 354-20017	-	-	-	-	-	-	-	-	-	-
102	D TRN 355-20017	54	54	54	54	54	54	54	54	54	54
103	D TRN 356-20017	3,248	3,248	3,248	3,248	3,248	3,248	3,248	3,248	3,248	3,248
104	D TRN 357-20017	1	1	1	1	1	1	1	1	1	1
105	D TRN 358-20017	-	-	-	-	-	-	-	-	-	-
106	N DIS 360 NC-20017	-	-	-	-	-	-	-	-	-	-
107	N TRN 350-20017	-	-	-	-	-	-	-	-	-	-
108	Distribution to Plant in Service	258,529	344,706	344,706	344,706	344,706	344,706	344,706	344,706	344,706	344,706
109	Transmission to Plant in Service	61,802	82,403	82,403	82,403	82,403	82,403	82,403	82,403	82,403	82,403
110	Advanced DMS Plant in Service	-	-	-	-	-	-	-	-	-	-
111	Communications Plant in Service	-	-	-	-	-	-	-	-	-	-
112	Enterprise Applications Plant in Service	-	-	-	-	-	-	-	-	-	-

[1] Grid actual plant additions per Finance
[2] Grid forecasted plant additions per Financial Planning
[3] NC5040-6 Effective property tax rates
[4] NC5040-7 Cost of Service Allocations Factors

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1														
2	Sum of NC Retail Installation O&M (L26 : L36)													
3	Transmission O&M	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Distribution O&M	263,261	141,856	115,091	341,924	430,607	357,243	659,068	247,663	178,003	182,029	328,095	443,950	475,883
5	General O&M	38,557	17,649	19,380	13,694	22,484	21,526	13,570	25,826	39,960	81,363	12,198	9,427	-
6	Intangible O&M	130,908	(74,325)	48,441	13,122	13,012	60,577	22,140	21,426	29,265	19,034	68,521	31,049	113,202
7	Total NC Retail Installation O&M (Sum L3 : L6)	\$ 432,725	\$ 85,180	\$ 182,912	\$ 368,739	\$ 466,103	\$ 439,347	\$ 694,778	\$ 294,914	\$ 247,228	\$ 282,426	\$ 408,815	\$ 484,425	\$ 589,085
8														
9	System Installation O&M													
10	Depreciation Group	Jun-2020	Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021
11	ADMS	56,527	25,875	28,412	20,076	32,964	31,559	19,894	37,894	58,633	119,385	17,899	13,832	-
12	Communication	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Enterprise Application	189,673	(108,340)	67,780	18,610	17,858	86,892	31,418	27,886	38,565	23,991	93,532	37,590	153,406
14	Energy Storage (Software)	343	456	2,533	436	1,029	1,037	719	3,217	3,919	3,640	5,938	7,483	10,927
15	Distribution NC	263,261	141,856	115,091	341,924	430,607	357,243	659,068	247,663	178,003	182,029	328,095	443,950	475,883
16	Distribution SC	(19,042)	(88,996)	25,170	(2,746)	79,015	44,573	31,224	64,387	52,457	74,316	81,316	83,910	79,311
17	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Distribution O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-	-
19	Transmission O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-	-
20	Advanced DMS O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-	-
21	Communications O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-	-
22	Enterprise Applications O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-	-
23														
24	NC Retail Installation O&M													
25	Depreciation Group	Jun-2020	Jul-2020	Aug-2020	Sep-2020	Oct-2020	Nov-2020	Dec-2020	Jan-2021	Feb-2021	Mar-2021	Apr-2021	May-2021	Jun-2021
26	ADMS	38,557	17,649	19,380	13,694	22,484	21,526	13,570	25,826	39,960	81,363	12,198	9,427	-
27	Communication	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Enterprise Application	130,672	(74,639)	46,696	12,821	12,303	59,863	21,645	19,209	26,566	16,527	64,431	25,894	105,675
29	Energy Storage (Software)	236	314	1,745	300	709	715	495	2,216	2,700	2,507	4,090	5,155	7,527
30	Distribution NC	263,261	141,856	115,091	341,924	430,607	357,243	659,068	247,663	178,003	182,029	328,095	443,950	475,883
31	Transmission	-	-	-	-	-	-	-	-	-	-	-	-	-
32	Distribution O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-	-
33	Transmission O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Advanced DMS O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-	-
35	Communications O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-	-
36	Enterprise Applications O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-	-

[1] Grid actual plant additions per Finance
[2] Grid forecasted plant additions per Financial Planning

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1													
2	Sum of NC Retail Installation O&M (L26 : L36)												
3	Transmission O&M	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Distribution O&M	406,651	403,030	452,987	(19,176)	688,836	323,034	421,812	524,102	663,821	918,723	856,970	711,939
5	General O&M	-	-	-	82	1,742	18,477	646	718	1,595	39,455	6,094	17,434
6	Intangible O&M	68,179	48,370	55,026	35,172	16,820	11,328	12,631	31,014	23,029	27,813	58,355	26,099
7	Total NC Retail Installation O&M (Sum L3 : L6)	\$ 474,830	\$ 451,399	\$ 508,013	\$ 16,078	\$ 707,398	\$ 352,839	\$ 435,088	\$ 555,834	\$ 688,445	\$ 985,991	\$ 921,419	\$ 755,472
8													
9	System Installation O&M												
10	Depreciation Group	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022
11	ADMS	-	-	-	120	2,556	27,112	948	1,054	2,341	57,907	8,945	25,588
12	Communication	-	-	-	-	-	-	-	-	-	-	-	-
13	Enterprise Application	85,584	60,210	66,790	43,201	16,571	15,618	18,210	44,714	33,202	40,099	84,132	37,628
14	Energy Storage (Software)	13,389	10,007	13,090	7,857	7,846	827	-	-	-	-	-	-
15	Distribution NC	406,651	403,030	452,987	(19,176)	688,836	323,034	421,812	524,102	663,821	918,723	856,970	711,939
16	Distribution SC	79,316	68,832	143,142	108,061	161,762	180,105	154,206	168,110	108,355	204,954	163,742	181,031
17	Transmission	-	-	-	-	-	-	-	-	-	-	-	-
18	Distribution O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-
19	Transmission O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-
20	Advanced DMS O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-
21	Communications O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-
22	Enterprise Applications O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-
23													
24	NC Retail Installation O&M												
25	Depreciation Group	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022	Mar-2022	Apr-2022	May-2022	Jun-2022
26	ADMS	-	-	-	82	1,742	18,477	646	718	1,595	39,455	6,094	17,434
27	Communication	-	-	-	-	-	-	-	-	-	-	-	-
28	Enterprise Application	58,955	41,476	46,009	29,760	11,415	10,758	12,631	31,014	23,029	27,813	58,355	26,099
29	Energy Storage (Software)	9,223	6,894	9,017	5,413	5,405	570	-	-	-	-	-	-
30	Distribution NC	406,651	403,030	452,987	(19,176)	688,836	323,034	421,812	524,102	663,821	918,723	856,970	711,939
31	Transmission	-	-	-	-	-	-	-	-	-	-	-	-
32	Distribution O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-
33	Transmission O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-
34	Advanced DMS O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-
35	Communications O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-
36	Enterprise Applications O&M Spend	-	-	-	-	-	-	-	-	-	-	-	-

[1] Grid actual plant additions per Finance
[2] Grid forecasted plant additions per Financial Planning

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Line No.	Description	7 2022 Jul-2022	8 2022 Aug-2022	9 2022 Sep-2022	10 2022 Oct-2022	11 2022 Nov-2022	12 2022 Dec-2022
1							
2	Sum of NC Retail Installation O&M (L26 : L36)	Forecasted [2]					
3	Transmission O&M	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Distribution O&M	47,818	47,818	47,818	47,818	47,818	47,818
5	General O&M	135,362	135,362	135,362	135,362	135,362	135,362
6	Intangible O&M	32,440	32,440	32,440	32,440	32,440	32,440
7	Total NC Retail Installation O&M (Sum L3 : L6)	\$ 215,620	\$ 215,620	\$ 215,620	\$ 215,620	\$ 215,620	\$ 215,620
8							
9	System Installation O&M						
10	Depreciation Group	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022
11	ADMS						
12	Communication						
13	Enterprise Application						
14	Energy Storage (Software)						
15	Distribution NC						
16	Distribution SC						
17	Transmission						
18	Distribution O&M Spend	63,757	63,757	63,757	63,757	63,757	63,757
19	Transmission O&M Spend	-	-	-	-	-	-
20	Advanced DMS O&M Spend	198,666	198,666	198,666	198,666	198,666	198,666
21	Communications O&M Spend	-	-	-	-	-	-
22	Enterprise Applications O&M Spend	46,770	46,770	46,770	46,770	46,770	46,770
23							
24	NC Retail Installation O&M						
25	Depreciation Group	Jul-2022	Aug-2022	Sep-2022	Oct-2022	Nov-2022	Dec-2022
26	ADMS	-	-	-	-	-	-
27	Communication	-	-	-	-	-	-
28	Enterprise Application	-	-	-	-	-	-
29	Energy Storage (Software)	-	-	-	-	-	-
30	Distribution NC	-	-	-	-	-	-
31	Transmission	-	-	-	-	-	-
32	Distribution O&M Spend	47,818	47,818	47,818	47,818	47,818	47,818
33	Transmission O&M Spend	-	-	-	-	-	-
34	Advanced DMS O&M Spend	135,362	135,362	135,362	135,362	135,362	135,362
35	Communications O&M Spend	-	-	-	-	-	-
36	Enterprise Applications O&M Spend	32,440	32,440	32,440	32,440	32,440	32,440

[1] Grid actual plant additions per Finance
[2] Grid forecasted plant additions per Financial Planning

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Cost of debt and equity for deferral periods

Line

No					
1	Effective through March 2021				
2		Capitalization	Approved	Weighted Cost of Capital (WACC)	
3		Ratio [1]	Cost Rate [1]	After Tax	Before Tax
4					
5	Long Term Debt	48.00%	4.59%	2.20%	2.20%
6	Equity	52.00%	9.90%	5.15%	6.72%
7	Total	100.00%		7.35%	8.92%
8					
9	Effective State and Federal Income Tax Rate			23.3503%	
10					
11	Effective April 2021				
12		Capitalization	Approved	Weighted Cost of Capital (WACC)	
13		Ratio [2]	Cost Rate [2]	After Tax	Before Tax
14					
15	Long Term Debt	48.00%	4.27%	2.05%	2.05%
16	Equity	52.00%	9.60%	4.99%	6.51%
17	Total	100.00%		7.04%	8.56%
18					
19	Effective State and Federal Income Tax Rate			23.3503%	

[1] Cost of capital rates from Docket No. E-7, Sub 1146

[2] Cost of capital rates from Docket No. E-7, Sub 1214

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Effective property tax rates

Line

No

1

FOR THE 2020 TAX YEAR PAY 2021

2 BASED ON PROPERTY COSTS AND VALUES AT DECEMBER 31, 2019

3

4

	<u>Company</u>	<u>States</u>	<u>Effective Tax</u> <u>Rate Cost</u>
5			
6	Duke Energy Carolinas, LLC	North Carolina	0.40%
7	Duke Energy Carolinas, LLC	South Carolina	1.34%
8	Combined		0.66%

9

10

FOR THE 2021 TAX YEAR PAY 2022

11 BASED ON PROPERTY COSTS AND VALUES AT DECEMBER 31, 2020

12

13

	<u>Company</u>	<u>States</u>	<u>Effective Tax</u> <u>Rate Cost</u>
14			
15	Duke Energy Carolinas, LLC	North Carolina	0.40%
16	Duke Energy Carolinas, LLC	South Carolina	1.34%
17	Combined		0.66%

[1] Effective property tax rates per Tax department

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Cost of Service Allocations Factors

Line No	Allocation Factor	COS 2019 Used for 2020	COS 2020 Used for 2021	COS 2021 Used for 2022
		<u>NC Retail</u>	<u>NC Retail</u>	<u>NC Retail</u>
1	All - Transmission Demand - Jur	48.8348%	50.2714%	48.7596%
2	All - General Plant - Jur	68.2098%	68.1517%	68.1356%
3	All - Intangible Plant - Jur	68.8933%	68.8858%	69.3605%

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Amortize Allen Unit 4 unrecovered net book value costs
For the Test Period Ending December 31, 2021

E1-10
NC5060 Narrative
Application

E1-10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts income taxes, depreciation and amortization expense, for the amortization of the retired Allen Unit 4 unrecovered net book value. It also adjusts for the regulatory asset established as a result of the early retirement.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

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(Dollars in thousands)

E1-10
NC5060 Summary
Page 1 of 1
Application

Line No	Impacted Income Statement Line Items	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	NC5060-1	4,842
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC5060-1	(1,131)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 3,711
17			
18	Operating income (L3-L16)		\$ (3,711)
			Total NC Retail Application
19	<u>Rate Base</u>	Source	
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital	NC5060-1	\$ (17,049)
25	Accumulated deferred income taxes	NC5060-1	\$ 3,981
26	Operating reserves		
27	Construction Work in Progress		
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ (13,068)

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E1-10
NC5060-1 Calculation
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Application

Line No.	Description	Total NC Retail
1		
2	Amortize retired Allen Unit 4 NBV	4,842 [1]
3	Impact to Depreciation and Amortization (L2)	\$ 4,842
4		
5	Statutory tax rate	23.3503% [2]
6	Impact to income taxes (-L3 x L5)	\$ (1,131)
7		
8	Impact to operating income (-L3 - L6)	\$ (3,711)
9		
10	<u>Rate Base investment:</u>	
11	Allen regulatory asset in COS	\$ 47,285 [3]
12	Allen regulatory asset as of 7/31/2023	30,236 [1]
13	Impact to working capital investment (L12 - L11)	\$ (17,049)
14		
15	Deferred tax rate	23.3503% [2]
16	Impact to accumulated deferred income tax (-L13 x L15)	\$ 3,981
17		
18	Impact to rate base (L13 + L16)	\$ (13,068)

[1] NC5060-2 Retired Allen Unit 4 Regulatory Asset and Amortization Calculation

[2] NC1010-4 2022 Calculation of Tax Rates, Line 10

[3] E1-45 - COS line 182 ORA-NC NBV RETIRED PLANT-NCR

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Amortize Allen Unit 4 unrecovered net book value costs
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(Amounts in dollars)

E1-10
NC5060-2 Reg Asset
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Application

Retired Allen Unit 4 Regulatory Asset and Amortization Calculation

Line No.	Description	NC Allen Unit 4	NC Buck Coal	Total NC Retail
1				
2	Current monthly amortization	\$ (783,994) [1]	\$ (538,214) [3]	
3				
4	Balance at 12/31/2021	\$ 47,284,520 [2]		\$ 47,284,520
5	1/31/2022	46,500,526		46,500,526
6	2/28/2022	45,716,532		45,716,532
7	3/31/2022	44,932,538		44,932,538
8	4/30/2022	44,148,544		44,148,544
9	5/31/2022	43,364,550		43,364,550
10	6/30/2022	42,580,556		42,580,556
11	7/31/2022	41,796,561		41,796,561
12	8/31/2022	41,012,567		41,012,567
13	9/30/2022	40,228,573		40,228,573
14	10/31/2022	39,444,579		39,444,579
15	11/30/2022	38,660,585		38,660,585
16	12/31/2022	37,876,591		37,876,591
17	1/31/2023	37,092,597		37,092,597
18	2/28/2023	36,308,602		36,308,602
19	3/31/2023	35,524,608		35,524,608
20	4/30/2023	34,740,614	(538,214) [4]	34,202,400
21	5/31/2023	33,956,620	(1,076,428) [4]	32,880,192
22	6/30/2023	33,172,626	(1,614,642) [4]	31,557,984
23	7/31/2023	32,388,632	(2,152,856) [4]	30,235,776
24	8/31/2023	31,604,638	(2,691,070) [4]	28,913,568
25	9/30/2023	30,820,644	(2,691,070) [4]	28,129,574
26	10/31/2023	30,036,649	(2,691,070) [4]	27,345,579
27	11/30/2023	29,252,655	(2,691,070) [4]	26,561,585
28	12/31/2023	28,468,661	(2,691,070) [4]	25,777,591
29				
30	Total estimated dismantlement costs	\$ 4,886,000 [6]		\$ 4,886,000
31	NC Retail Allocation			66.9690% [5]
32	NC Retail estimated dismantlement costs			\$ 3,272,103
33				
34	Remaining amount to be amortized at 1/1/2024			\$ 29,049,694
35	Amortization period			6
36	Proposed amortization expense			\$ 4,841,616

[1] Provided by Asset Accounting

[2] E1-45 - COS line 182 ORA-NC NBV RETIRED PLANT-NCR

[3] Per Docket No. E-7, Sub 1026, NC-2901(C)-Update adjustment for retirement of generation plants

[4] The Buck coal unrecovered NBV regulatory asset will be fully amortized 3/31/2023, therefore 5 months of over amortization will be applied to the Allen regulatory asset balance since this amortization will be removed with interim rates effective 9/1/2023.

[5] NC Retail Allocation All - Production Demand - Jur

[6] NC5060-3 - Decommissioning Cost Estimate Study - Allen Unit 4

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E1-10
NC5060-3 Dismantlement
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Application

Decommissioning Cost Estimate Study - Allen

Line No.	Description	Total Cost	Project Indirects (10%)	Contingency (20%)	Scrap Value	Net Inventory [2]	Total Net Project Cost
1	Unit 1	6,196,000	620,000	1,239,000	(5,308,000)	704,000	3,451,000
2	Unit 2	6,389,000	639,000	1,278,000	(5,486,000)	723,000	3,543,000
3	Unit 3	8,615,000	861,000	1,723,000	(7,318,000)	994,000	4,875,000
4	Unit 4	8,621,000	862,000	1,724,000	(7,318,000)	997,000	4,886,000
5	Unit 5	7,932,000	793,000	1,586,000	(6,571,000)	958,000	4,698,000
6	Common/Handling	13,309,000	1,331,000	2,662,000	(1,519,000)	4,044,000	19,827,000
7	Allen Generating Station	51,062,000	5,106,000	10,212,000	(33,520,000)	8,420,000	41,280,000

[1] Per the Decommissioning Cost Estimate Study performed by 1898 Co. (a part of Burns and McDonnell) for Duke Energy Carolinas

[2] The inventory adjustment is not broken down by unit, so allocating using the percent to total of the remaining costs.

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Adjust for approved regulatory assets and liabilities
For the Test Period Ending December 31, 2021

E1-10
NC5080 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts other O&M, depreciation and amortization, income taxes, working capital and accumulated deferred taxes in the test period for approved regulatory assets and liabilities.

The impact to other O&M, and depreciation and amortization reflects the annualization of new amortizations out of docket E-7 Sub 1214 which began June 1, 2021, and changes to existing amortizations.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

The adjustment to working capital adjusts the balance for the regulatory assets to reflect what the balance will be as of the end of the update period of July 31, 2023.

The adjustment to accumulated deferred taxes adjust the tax effect recorded in the test period for the changes in the regulatory assets.

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(Dollars in thousands)

E1-10
NC5080 Summary
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Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application	Total NC Retail CCR ARO
1	Sales of Electricity			
2	Other Revenue			
3	Electric operating revenue (L1+L2)		\$ -	\$ -
4				
5	<u>Electric operating expenses:</u>			
6	Operation and maintenance:			
7	Fuel used in electric generation			
8	Purchased power			
9	Other operation and maintenance expense			
10	Depreciation and amortization	NC5080-1	(969)	14,127
11	General taxes			
12	Interest on customer deposits			
13	EDIT Amortization			
14	Net income taxes	NC5080-1	946	(3,299)
15	Amortization of investment tax credit			
16	Total electric operating expenses (sum(L7:L15))		\$ (23)	\$ 10,829
17				
18	Operating income (L3-L16)		\$ 23	\$ (10,829)
19	<u>Rate Base</u>			
20	Electric plant in service		\$ -	\$ -
21	Accumulated depreciation and amortization		\$ -	\$ -
22	Net electric plant in service (L20 + L21)		\$ -	\$ -
23	Materials and supplies		\$ -	\$ -
24	Total Working Capital	NC5080-1	\$ (21,515)	\$ (53,684)
25	Accumulated deferred income taxes	NC5080-1	\$ 5,024	\$ 12,535
26	Operating reserves			
27	Construction Work in Progress			
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ (16,491)	\$ (41,149)

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E1-10
NC5080-1 Calculation
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Application

Line No.	Description	Test Year Amount	Annualized Amount	Adjustment Amount	NC Retail Allocation	Total NC Retail
1	<u>Depreciation and amortization</u>					
2	0403500 - Depr of General Plant - System	(12,346) [1]	(13,907)	(1,562)	68.1625% [3]	\$ (1,065)
3	0407305 - Regulatory Debits - Hydro	1,257 [1]	1,138	(118)	100.0000%	(118)
4	0407115 - Non AMI Meters	7,689 [1]	7,903	214	100.0000%	214
5	Total Depreciation and Amortization	\$ (3,400)	\$ (4,866)	\$ (1,466)		\$ (969)
6						
7						
8	<u>NC Retail Customers - ARAM on Protected</u>					
9	0411115 - DFIT: Federal Excess DIT Amort	(24,092) [1]	(23,372)	720	100.0000%	\$ 720
10	Income Taxes (-L5 * L10)	23.3503% [4]				226
11	Total Income Taxes					\$ 946
12						
13	Total Operating Expense (Non CCR) (L5 + L11)					\$ (23)
14						
15	<u>Amortization of Tranche 2 CCR Coal Ash spend</u>					
16	0407324 - NC & MW Coal As Amort Exp	19,778 [1]	33,906	14,127	100.0000%	14,127
17	Income Taxes (-L16 * L17)	23.3503% [4]				\$ (3,299)
18	Total Operating Expense (CCR) (L16 + L17)					\$ 10,829
19						
20						
21	<u>Rate Base Adjustments</u>	Dec-21 Balance	Jul-23 Balance	Adjustment Amount	Rate Base Allocation	Total Adjustment NC Retail
22	Cost of Removal - 0182551	51,019 [2]	47,785	(3,233)	100.0000%	\$ (3,233)
23	NC Regulatory Fee - 0182484	1,515 [2]	636	(879)	100.0000%	(879)
24	Non ARO Coal Ash E-2 Sub 1219 - 0182544	75,799 [2]	57,739	(18,061)	100.0000%	(18,061)
25	Sale of Hydro - 0182530	21,022 [2]	19,219	(1,803)	100.0000%	(1,803)
26	Retired Non AMI Meters - 0182525	91,452 [2]	79,025	(12,427)	100.0000%	(12,427)
27	Rate Case Costs - 0182323/0182433	4,624 [2]	3,069	(1,555)	100.0000%	(1,555)
28	Nuclear Fuel Last Core - 0254021	(62,578) [2]	(66,811)	(4,233)	100.0000%	(4,233)
29	M&S Inventory Reserve - 0254022	(74,312) [2]	(90,643)	(16,331)	100.0000%	(16,331)
30	Protected EDIT	(1,085,447) [2]	(1,048,441)	37,006	100.0000%	37,006
31	Total Working Capital (Non CCR)	(976,906)	(998,421)	(21,515)		\$ (21,515)
32						
33	ADIT (-L31 * L33)	23.3503% [4]				5,024
34	Total Rate Base (Non CCR) (L31 + L33)					\$ (16,491)
35						
36	CCR Rate Base Adjustment	149,750 [2]	96,066	(53,684)	100.0000%	(53,684)
37	ADIT (-L36 * L37)	23.3503% [4]				12,535
38	Total Rate Base (CCR) (L36 + L37)					\$ (41,149)

[1] NC5080-2 Operating Expense
[2] NC5080-3 Rate Base
[3] NC Retail Allocation Factor - All - General Plant - Jur
[4] NC1010-4 2022 Calculation of Tax Rates, Line 10

E1-10
NC5080-1
Calculation
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Adjust for approved regulatory assets and liabilities
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E1-10
NC5080-2 Operating Expense
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Application

Adjustments to test year amortizations

Line No.	Description	Test Year Amount	Annualized Amount
1	<u>General Plant Reserve Adjustment</u>		
2	0403500 - Depr of General Plant - System	(12,346) [1]	(13,907) [2]
3	The general plant reserve adjustment amortization was updated based on the 2018 Depreciation Study,		
4	which was implemented 6/1/2021. This amortization is not included in the NC3010 Annualize depreciation		
5	expense proforma. The rate base balance related to the General Plant Reserve Adjustment is updated		
6	in the NC3030 Post test year additions proforma.		
7			
8	<u>Amortization of loss on sale of Hydro plants</u>		
9	0407305 - Regulatory Debits - Hydro	1,257 [3]	1,138 [4]
10	Prior to the ruling in Docket E-7 Sub 1214, the balance was amortizing based on depreciation rates. The		
11	amortization of the loss on hydro sale was updated to an annual amount of \$1,138k in Docket E-7 Sub		
12	1214. Amortization at the new rate was implemented on 6/1/2021.		
13			
14	<u>Non AMI Meters</u>		
15	North Carolina - 0407115 - Meter Amortization	\$ 7,689 [8]	\$ 7,903 [9]
16	The final accounting to reclass the net book value of the retired Non AMI Meters out of the asset		
17	accounts into the regulatory asset account occurred in June 2022. Therefore in the test year, the		
18	amortization/depreciation expense related to these meters was partially in depreciation expense and		
19	partially in amortization expense. Since as of the assets were retired prior to the capital cut off, proforma		
20	NC3030 Adjust for Post test year additions, removes the depreciation associated with those retired		
21	meters. This adjustment is to capture the full amortization expense. Amortization began 8/1/2018 and		
22	was to be over 15 years. To calculate annual amortization the adjustment took the NC Retail balance as		
23	of 6/30/2022 and divided it by 133 which is the number of months remaining of the amortization period,		
24	and multiplied that by 12.		
25	June 30, 2022 Balance	\$ 87,586	
26	Number of months remaining	133	
27	Monthly Amortization	\$ 659	
28	Annual Amortization	\$ 7,903	
29			
30	<u>Amortization of Protected EDIT at ARAM</u>		
31	0411115 - DFIT: Federal Excess DIT Amortn (NC Retail		
32	Customers - ARAM on Protected)	(24,092) [5]	(23,372) [5]
33	In 2021 there was a true up to the 2020 ARAM amortization.		
34	<u>Amortization of CCR Coal Ash Spend</u>		
35	0407324 - NC & MW Coal As Amort Exp Amortization of		
36	Tranche 2 CCR Coal Ash spend.	19,778 [6]	33,906 [7]
	Tranche 2 amortization as approved in Docket E-7 Sub 1214 was implemented beginning 6/1/2021.		

[1] Per Asset Accounting

[2] Per the 2018 Depreciation Study the RESERVE ADJUSTMENT FOR AMORTIZATION line

[3] Trial Balance

[4] E-7 Sub 1214 Proforma NC3200(L) - Adjust for Hydro Stations Sale-DEC

[5] Per E&Y Tax accounting

[6] Accounting detail

[7] E-7 Sub 1214 Proforma NC1100(K-CA) - Amortize deferred environmental costs-DEC

[8] COS Study - 407 REG DRS & CRS-METERS-D/A

[9] Calculated by taking the balance as of 6/30/22 divided by the number of months remaining in the 15 year amortization and multiplying the monthly amortization by 12

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E1-10
NC5080-3 Rate Base
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Application

Line		Dec-21	Annual	
<u>No</u>	<u>Rate Base item</u>	<u>Balance</u>	<u>Amortization</u>	<u>Docket</u>
1	COR Giveback - 0182551	51,019 [1]	(2,042) [3]	E-7 Sub 1146
2	NC Regulatory Fee - 0182484	1,515 [1]	(555) [3]	E-7 Sub 1146
3	Non ARO Coal Ash E-2 Sub 121 - 0182544	75,799 [1]	(11,407) [3]	E-7 Sub 1214
4	Sale of Hydro - 0182270	21,022 [1]	(1,138) [3]	E-7 Sub 1214
5	Retired Non AMI Meters - 0182525	91,452 [1]	(7,903) [4]	E-7 Sub 1146
6	Rate Case Costs - 0182323/0182433	4,624 [1]	(982) [5]	E-7 Sub 1146
7	Nuclear Fuel Last Core - 0254021	(62,578) [1]	(2,673) [3]	E-7 Sub 1214
8	M&S Inventory Reserve - 0254022	(74,312) [1]	(10,314) [3]	E-7 Sub 1214
9	Protected EDIT	(1,085,447) [3]	23,372 [6]	E-7 Sub 1214
10	CCR ARO Tranche 2	149,750 [2]	(33,906) [3]	E-7 Sub 1214

[1] DEC COSS

[2] Provided by accounting

[3] Amortization per docket noted

[4] NC5080-2 Operating Expense - Beginning July 2022

[5] Includes the overamortization from Dockets E-7 Sub 989 and E-7 Sub 1026. See NC5010-4 Rate Case

[6] Provided by Tax accounting based on ARAM amortization.

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Adjust for COVID impacts
For the Test Period Ending December 31, 2021

E1-10
NC5090 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma calculates the COVID deferral amortization expense as of the rates effective date. Also included are adjustments to the test period to normalize late fees after the Governor's order was lifted on August 15, 2022 and O&M expenses to account for ongoing COVID expenses.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

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E1-10
NC5090 Summary
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Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue	NC5090-1	14,591
3	Electric operating revenue (L1+L2)		\$ 14,591
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC5090-1	4,097
10	Depreciation and amortization	NC5090-1	\$ 61,796
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC5090-1	\$ (11,979)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 53,914
17			
18	Operating income (L3-L16)		\$ (39,322)
19	<u>Rate Base</u>		
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital	NC5090-1	\$ 123,592
25	Accumulated deferred income taxes	NC5090-1	\$ (28,859)
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ 94,733

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Adjust for COVID impacts
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E1-10
NC5090-1 Calculation
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Application

Line No.	Description	Total NC Retail
1	Impacts to Operating Income:	
2	Waived fees in 2021 - adjust test period	\$ 14,591 [1]
3	Impact to Other revenue (L2)	\$ 14,591
4		
5	Amortize COVID deferral	
6	Projected Ending Balance - rates effective date	\$ 185,388 [2]
7	Years to Amortize	3
8	Annual amortization (L6/L7)	\$ 61,796
9		
10	Impact to Depreciation and Amortization (L8)	\$ 61,796
11		
12	Adjust test year for ongoing COVID expenses	\$ 4,097 [3]
13	Impact to Operations and Maintenance expense (L12)	\$ 4,097
14		
15	Taxable income (L13 + L10 - L3)	\$ 51,301
16	Statutory tax rate	23.3503% [4]
17	Impact to income taxes (-L15 x L16)	\$ (11,979)
18		
19	Impact to operating income (-L15-L17)	\$ (39,322)
20		
21		
22	Impact to Rate Base:	
23		
24	Projected COVID deferral balance for Rate Base - at rates effective date (L2)	\$ 185,388
25	Less One year Amortization (-L8)	(61,796)
26	Adjusted COVID deferral balance in rate base	\$ 123,592
27		
28	Impact to Covid Deferral (L22-L18)	\$ 123,592
29		
30	Impact to accumulated deferred income tax (-L 24 x L10)	(28,859)
31		
32	Impact to Rate Base [L24+L26]	\$ 94,733

[1] NC5090-3 - Normalize test year revenue for late fees , Line 13
[2] NC5090-2 - Calculation of Projected Deferral - COVID Impacts , Line 49
[3] NC5090-4 - Normalize test year for ongoing COVID expenses, Line 13
[4] NC1010-4 - 2022 Calculation of Tax Rates - Statutory Tax Rate, Line 10

Note: Totals may not foot due to rounding

DUKE ENERGY CAROLINAS, LLC
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Calculation of Projected Deferral - COVID Impacts

Duke Energy Carolinas COVID Deferral (North Carolina Retail)											
Line No.	Month	Beginning Balance (a)=(h) PM	NC Retail Customer Fees Waived [1][4][6] (b1)	NC Retail Incremental Bad Debt [2][4] (b2)	NC Retail COVID Expenses [3][4] (b3)	Ending Balance (c)= (a)+(b)	NCR Balance for Return (d)=(a)+(b)/2	Def. Cost of Debt [5] (e) = (d) x cost of debt	Def. Cost of Equity [5] (f) = (d) x cost of equity	Total Return (g)=(e)+(f)	Total Ending Balance (h)= (c)+(g)
1											
2	Jan-20	-	-	-	-	-	-	-	-	-	-
3	Feb-20	-	-	-	-	-	-	-	-	-	-
4	Mar-20	-	908,369	-	1,466,319	2,374,688	1,187,344	1,664	5,094	6,758	2,381,446
5	Apr-20	2,381,446	1,770,543	-	1,466,319	5,618,308	3,999,877	5,606	17,159	22,766	5,641,073
6	May-20	5,641,073	2,131,931	774,476	1,885,542	10,433,021	8,037,047	11,264	34,479	45,743	10,478,765
7	Jun-20	10,478,765	1,783,336	1,621,913	1,153,955	15,037,969	12,758,367	17,882	54,733	72,615	15,110,584
8	Jul-20	15,110,584	1,831,915	513,892	253,878	17,710,269	16,410,426	23,000	70,401	93,401	17,803,670
9	Aug-20	17,803,670	2,467,741	3,503,627	(921,836)	22,853,201	20,328,435	28,492	87,209	115,701	22,968,902
10	Sep-20	22,968,902	1,739,117	517,041	596,559	25,821,618	24,395,260	34,192	104,656	138,847	25,960,466
11	Oct-20	25,960,466	1,915,926	905,298	298,996	29,080,685	27,520,576	38,572	118,063	156,635	29,237,321
12	Nov-20	29,237,321	951,898	482,120	513,094	31,184,433	30,210,877	42,343	129,605	171,947	31,356,380
13	Dec-20	31,356,380	730,145	158,428	600,734	32,845,687	32,101,034	44,992	137,713	182,705	33,028,393
14	Jan-21	33,028,393	975,550	946,274	397,095	35,347,312	34,187,852	47,917	146,666	194,582	35,541,894
15	Feb-21	35,541,894	777,498	1,277,212	389,903	37,986,507	36,764,201	51,528	157,718	209,246	38,195,753
16	Mar-21	38,195,753	893,039	7,999,834	351,653	47,440,278	42,818,016	60,012	183,689	243,702	47,683,980
17	Apr-21	47,683,980	861,977	(1,370,386)	419,868	47,595,439	47,639,709	66,770	204,374	271,145	47,866,583
18	May-21	47,866,583	796,118	(1,899,564)	361,756	47,124,893	47,495,738	62,180	197,582	259,763	47,384,655
19	Jun-21	47,384,655	1,008,445	5,777,102	284,904	54,455,106	50,919,881	66,663	211,827	278,490	54,733,596
20	Jul-21	54,733,596	1,228,772	(224,958)	63,918	55,801,328	55,267,462	72,355	229,913	302,268	56,103,596
21	Aug-21	56,103,596	1,585,849	127,900	315,502	58,132,847	57,118,221	74,778	237,612	312,390	58,445,237
22	Sep-21	58,445,237	1,512,434	(59,012)	276,138	60,174,798	59,310,017	77,647	246,730	324,377	60,499,175
23	Oct-21	60,499,175	1,959,407	1,087,582	227,124	63,773,288	62,136,231	81,347	258,487	339,834	64,113,122
24	Nov-21	64,113,122	1,479,905	1,341,349	738,437	67,672,813	65,892,968	86,266	274,115	360,380	68,033,194
25	Dec-21	68,033,194	1,512,337	2,826,355	270,415	72,642,301	70,337,747	92,085	292,605	384,690	73,026,990
26	Jan-22	73,026,990	1,668,823	1,301,771	665,951	76,663,535	74,845,263	97,986	311,356	409,342	77,072,877
27	Feb-22	77,072,877	1,784,890	925,396	195,359	79,978,521	78,525,699	102,804	326,667	429,471	80,407,992
28	Mar-22	80,407,992	1,625,177	8,992,933	129,382	91,155,484	85,781,738	112,304	356,852	469,156	91,624,640
29	Apr-22	91,624,640	2,089,714	3,827,989	193,663	97,736,006	94,680,323	123,953	393,870	517,824	98,253,829
30	May-22	98,253,829	1,637,262	2,222,276	211,588	102,324,955	100,289,392	131,297	417,204	548,501	102,873,456
31	Jun-22	102,873,456	1,353,674	2,467,445	69,587	106,764,162	104,818,809	137,226	436,046	573,273	107,337,434
32	Jul-22	107,337,434	1,726,365	2,361,522	175,060	111,600,381	109,468,908	143,314	455,391	598,705	112,199,086
33	Aug-22	112,199,086	1,557,591	4,143,483	252,703	118,152,863	115,175,975	150,786	479,132	629,918	118,782,781
34	Sep-22	118,782,781	1,443,437	12,468,579	141,351	132,836,149	125,809,465	164,707	523,367	688,074	133,524,223
35	Oct-22	133,524,223	-	12,000,000	226,071	145,750,294	139,637,259	182,810	580,891	763,701	146,513,995
36	Nov-22	146,513,995	-	3,970,000	226,071	150,710,067	148,612,031	194,560	618,226	812,786	151,522,853
37	Dec-22	151,522,853	-	3,430,000	226,071	155,178,924	153,350,888	200,764	637,940	838,703	156,017,627
38	Jan-23	156,017,627	-	1,710,000	226,071	157,953,699	156,985,663	205,522	653,060	858,582	158,812,281
39	Feb-23	158,812,281	-	220,000	226,071	159,258,353	159,035,317	208,205	661,587	869,792	160,128,145
40	Mar-23	160,128,145	-	1,100,000	226,071	161,454,217	160,791,181	210,504	668,891	879,396	162,333,612
41	Apr-23	162,333,612	-	2,600,000	226,071	165,159,684	163,746,648	214,373	681,186	895,560	166,055,243
42	May-23	166,055,243	-	3,570,000	226,071	169,851,315	167,953,279	219,881	698,686	918,566	170,769,881
43	Jun-23	170,769,881	-	4,150,000	226,071	175,145,952	172,957,917	226,433	719,505	945,938	176,091,890
44	Jul-23	176,091,890	-	3,110,000	226,071	177,759,926	177,759,926	232,719	739,481	972,201	180,400,162
45	Aug-23	180,400,162				180,400,162	180,400,162	236,176	750,465	986,641	181,386,803
46	Sep-23	181,386,803				181,386,803	181,386,803	237,468	754,569	992,037	182,378,839
47	Oct-23	182,378,839				182,378,839	182,378,839	238,766	758,696	997,462	183,376,302
48	Nov-23	183,376,302				183,376,302	183,376,302	240,072	762,845	1,002,918	184,379,219
49	Dec-23	184,379,219				184,379,219	184,379,219	241,385	767,018	1,008,403	185,387,622
50			45,709,185	100,877,877	15,705,629			4,821,346	15,264,802	20,086,148	

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61 Docket No. E-2, Sub 1214
62 Cost of Capital

Assumed Capital Structure	Cost Rates	Weighted Rates			
			Tax Rate	Pre-Tax	After-Tax
Long-Term Debt	48.0000%	4.27%		2.0496%	1.5710%
Common Equity	52.0000%	9.60%	23.35%	6.5127%	4.9920%
Total	100.0000%	7.0416%		8.5623%	6.5630%

69
70 Docket No. E-7, Sub 1146
71 Cost of Capital

Approved Capital Structure	Cost Rates	Weighted Rates			
			Tax Rate	Pre-Tax	After-Tax
Long-Term Debt	48.0000%	4.59%		2.2032%	1.6819%
Common Equity	52.0000%	9.90%	23.66%	6.7437%	5.1480%
Total		14.49%		8.9469%	6.8299%

- [1] Source: Customer Services
[2] Source: DEC Accounting
[3] Source: Finance
[4] All items are recorded to the general ledger on a month lag, except incremental bad debt expense.
[5] Weighted Cost of Capital Rates per Docket No. E-7 Sub 1146 and as of April 2021, Docket No. E-7 Sub 1214
[6] North Carolina Governor's Emergency Order lifted as of August 15, 2022

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NC5090-3 Late Fees
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Application

Normalize test year for late fees

Line		
<u>No.</u>		NC Retail Waived Fees
1	Jan-21	975,550
2	Feb-21	777,498
3	Mar-21	893,039
4	Apr-21	861,977
5	May-21	796,118
6	Jun-21	1,008,445
7	Jul-21	1,228,772
8	Aug-21	1,585,849
9	Sep-21	1,512,434
10	Oct-21	1,959,407
11	Nov-21	1,479,905
12	Dec-21	1,512,337
13	Total	<u>\$ 14,591,331</u> [1]

[1] There were no test period late fees collected in North Carolina during the Governor's emergency order.
The Governor's emergency order was lifted August 15, 2022 and collection of fees will resume.

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E1-10
NC5090-4 Ongoing COVID Expense
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Application

Normalize test year for ongoing COVID expenses

Line				
No.		Safety and PP&E	Call center overtime	Total
1	Jan-21	246,216	150,879	
2	Feb-21	253,869	136,034	
3	Mar-21	231,940	119,713	
4	Apr-21	128,032	291,836	
5	May-21	189,137	172,619	
6	Jun-21	92,819	192,085	
7	Jul-21	84,318	(20,400)	
8	Aug-21	107,325	208,177	
9	Sep-21	209,103	67,035	
10	Oct-21	127,611	99,514	
11	Nov-21	646,965	91,472	
12	Dec-21	99,311	171,105	
13	Total	<u>\$ 2,416,643</u>	<u>\$ 1,680,070</u>	<u>\$ 4,096,713</u> [1][2]

[1] Represents actual expenses for the test year that were deferred and thus are not reflected in operating expenses. Costs will continue on an ongoing basis and this adjustment normalizes those expenses.

[2] These costs have been reported in the semi-annual COVID filing in Docket No. E-7, Sub 1241

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Amortize Customer Connect
For the Test Period Ending December 31, 2021

E1-10
NC5120 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts depreciation and amortization expense associated with the regulatory asset related to Customer Connect. The Company was allowed to accrue a return on the regulatory asset in the same manner that CWIP balances accrue AFUDC through the project in-service date (4/5/2021). As of March 31, 2021, the return accrual ended and amortization over a 15-year period began.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

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NC5120 Summary
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Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		-
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	NC5120-1	1,215
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC5120-1	\$ (284)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 932
17			
18	Operating income (L3-L16)		\$ (932)
19	<u>Rate Base</u>		
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital	NC5120-1	\$ (6,894)
25	Accumulated deferred income taxes	NC5120-1	\$ 1,610
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ (5,284)

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NC5120-1 Cust Connect Amort
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Line No.	Description	Total NC Retail
1		
2	Projected Ending Balance - capital cutoff	\$ 55,150 [1]
3		
4	Balance for Amortization	\$ 55,150
5		
6	Years remaining to Amortize	12.7 [2]
7		
8	Annual amortization (L4/L6)	\$ 4,354
9		
10	Test Year Amortization - 9 months	\$ (3,139) [3]
11		
12	Adjustment to Depreciation and Amortization (L8 + L10)	\$ 1,215
13		
14	Statutory tax rate	23.3503% [4]
15		
16	Impact to income taxes (-L12 x L14)	\$ (284)
17		
18	Impact to operating income (-L12 - L16)	\$ (932)
19		
20	<u>Impact to Rate Base</u>	
21		
22	Cost of Service Customer Connect Deferral in Rate Base 12/31/2021	\$ 62,044 [5]
23		
24	Projected Customer Connect for Rate Base - at capital cutoff date (L2)	55,150
25		
26	Adjusted Customer Connect Deferral Balance in rate base	55,150
27		
28	Impact to working capital investment (L26-L22)	\$ (6,894)
29		
30	Impact to accumulated deferred income tax (-L 28 x L14)	\$ 1,610
31		
32	Impact to Rate Base [L28+L30]	\$ (5,284)

- [1] NC5120-2 - Calculation of Deferral - Projected Ending Balance - Customer Connect - Line 69
[2] NC5120-2 - Calculation of Deferral - Projected Ending Balance - Customer Connect - Footnote 5
[3] NC5120-2 - Calculation of Deferral - Projected Ending Balance - Customer Connect
[4] NC1010-4 - 2022 Calculation of Tax Rates - Statutory Tax Rate, Line 10
[5] Account 0182524 balance included in rate base in December 31, 2021 Cost of Service

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NC5120-2 Deferral Calc
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Calculation of Deferral - Projected Ending Balance - Customer Connect

Line No.	Date	Beginning Base	Monthly Charges [1]	Balance for AFUDC	Debt Rate [2] [3]	Equity Rate [2] [3]	Debt AFUDC	Equity AFUDC	Total AFUDC	Amortization [4]	Ending Balance
											J = (PM) + B + H + I
1		A	B	C = J (PM) + B/2	D	E	F = C x D	G = D x E	H = F + G	I	
2	Jan-18	-	1,539,140	769,570	0.001679	0.003796	1,292	2,921	4,213		1,543,353
3	Feb-18	1,543,353	369,492	1,728,099	0.001679	0.003796	2,901	6,559	9,460		1,922,306
4	Mar-18	1,922,306	888,366	2,366,489	0.001679	0.003796	3,973	8,982	12,955		2,823,628
5	Apr-18	2,823,628	1,418,007	3,532,631	0.001679	0.003796	5,931	13,408	19,339		4,260,974
6	May-18	4,260,974	788,700	4,655,324	0.001679	0.003796	7,816	17,669	25,486		5,075,159
7	Jun-18	5,075,159	762,317	5,456,318	0.001679	0.003796	9,161	20,709	29,871		5,867,347
8	Jul-18	5,867,347	818,815	6,276,755	0.001828	0.003598	11,474	22,583	34,057		6,720,219
9	Aug-18	6,720,219	625,448	7,032,943	0.001828	0.003493	12,853	24,565	37,418		7,383,085
10	Sep-18	7,383,085	1,327,371	8,046,770	0.001828	0.003493	14,706	28,106	42,812		8,753,268
11	Oct-18	8,753,268	623,284	9,064,910	0.001828	0.003493	16,567	31,662	48,229		9,424,780
12	Nov-18	9,424,780	510,258	9,679,909	0.001828	0.003493	17,691	33,810	51,501		9,986,540
13	Dec-18	9,986,540	1,217,780	10,595,430	0.001828	0.003493	19,364	37,008	56,372		11,260,692
14	Jan-19	11,260,692	1,920,577	12,220,980	0.001833	0.003122	22,405	38,149	60,554		13,241,823
15	Feb-19	13,241,823	(251,176)	13,116,235	0.001833	0.003122	24,046	40,944	64,990		13,055,637
16	Mar-19	13,055,637	1,703,080	13,907,177	0.001833	0.003122	25,496	43,413	68,909		14,827,625
17	Apr-19	14,827,625	1,059,476	15,357,363	0.001833	0.003122	28,155	47,940	76,094		15,963,195
18	May-19	15,963,195	1,152,674	16,539,532	0.001833	0.003122	30,322	51,630	81,952		17,197,820
19	Jun-19	17,197,820	598,435	17,497,038	0.001833	0.003122	32,077	54,619	86,696		17,882,952
20	Jul-19	17,882,952	976,865	18,371,385	0.001834	0.002755	33,695	50,606	84,301		18,944,118
21	Aug-19	18,944,118	793,869	19,341,052	0.001863	0.003222	36,025	62,323	98,347		19,836,334
22	Sep-19	19,836,334	1,098,623	20,385,646	0.001863	0.003222	37,970	65,689	103,659		21,038,617
23	Oct-19	21,038,617	889,088	21,483,161	0.001863	0.003222	40,015	69,225	109,240		22,036,945
24	Nov-19	22,036,945	899,559	22,486,724	0.001863	0.003222	41,884	72,459	114,343		23,050,847
25	Dec-19	23,050,847	1,335,703	23,718,698	0.001863	0.003222	44,178	76,429	120,607		24,507,157
26	Jan-20	24,507,157	629,111	24,821,713	0.001789	0.004042	44,406	100,329	144,735		25,281,004
27	Feb-20	25,281,004	349,660	25,455,833	0.001789	0.004042	45,540	102,892	148,433		25,779,096
28	Mar-20	25,779,096	1,212,225	26,385,209	0.001789	0.004042	47,203	106,649	153,852		27,145,173
29	Apr-20	27,145,173	1,328,671	27,809,509	0.001789	0.004042	49,751	112,406	162,157		28,636,002
30	May-20	28,636,002	711,182	28,991,593	0.001789	0.004042	51,866	117,184	169,050		29,516,234
31	Jun-20	29,516,234	1,487,467	30,259,968	0.001789	0.004042	54,135	122,311	176,446		31,180,147
32	Jul-20	31,180,147	1,621,993	31,991,144	0.001740	0.004034	55,677	129,049	184,726		32,986,867
33	Aug-20	32,986,867	1,076,729	33,525,231	0.001740	0.004034	58,347	135,237	193,585		34,257,180
34	Sep-20	34,257,180	1,137,494	34,825,927	0.001740	0.004034	60,611	140,484	201,095		35,595,769
35	Oct-20	35,595,769	2,741,268	36,966,404	0.001740	0.004034	64,336	149,119	213,455		38,550,493
36	Nov-20	38,550,493	2,769,589	39,935,287	0.001740	0.004034	69,503	161,095	230,598		41,550,680
37	Dec-20	41,550,680	4,244,701	43,673,030	0.001740	0.004034	76,009	176,173	252,181		46,047,562
38	Jan-21	46,047,562	1,394,440	46,744,782	0.001684	0.003896	78,718	182,113	260,831		47,702,833
39	Feb-21	47,702,833	2,476,408	48,941,037	0.001684	0.003896	82,417	190,669	273,086		50,452,327
40	Mar-21	50,452,327	5,120,225	53,012,439	0.001684	0.003896	89,273	206,531	295,804		55,868,356
41	Apr-21	55,868,356	1,897,457							(310,380)	57,455,433 [3]
42	May-21	57,455,433	3,940,895							(310,380)	61,085,948
43	Jun-21	61,085,948	3,475,812							(346,458)	64,215,301
44	Jul-21	64,215,301								(360,014)	63,855,287
45	Aug-21	63,855,287								(360,014)	63,495,273
46	Sep-21	63,495,273								(362,830)	63,132,443
47	Oct-21	63,132,443								(362,830)	62,769,612
48	Nov-21	62,769,612								(362,830)	62,406,782
49	Dec-21	62,406,782								(362,830)	62,043,952
50	Jan-22	62,043,952								(362,830)	61,681,122
51	Feb-22	61,681,122								(362,830)	61,318,292
52	Mar-22	61,318,292								(362,830)	60,955,462
53	Apr-22	60,955,462								(362,830)	60,592,632
54	May-22	60,592,632								(362,830)	60,229,802
55	Jun-22	60,229,802								(362,830)	59,866,971
56	Jul-22	59,866,971								(362,830)	59,504,141
57	Aug-22	59,504,141								(362,830)	59,141,311
58	Sep-22	59,141,311								(362,830)	58,778,481
59	Oct-22	58,778,481								(362,830)	58,415,651
60	Nov-22	58,415,651								(362,830)	58,052,821
61	Dec-22	58,052,821								(362,830)	57,689,991
62	Jan-23	57,689,991								(362,830)	57,327,160
63	Feb-23	57,327,160								(362,830)	56,964,330
64	Mar-23	56,964,330								(362,830)	56,601,500
65	Apr-23	56,601,500								(362,830)	56,238,670
66	May-23	56,238,670								(362,830)	55,875,840
67	Jun-23	55,875,840								(362,830)	55,513,010
68	Jul-23	55,513,010								(362,830)	55,150,180
69			60,681,079				1,447,793	3,053,648	4,501,440	(10,032,339)	55,150,180 [5]

[1] NC5120-3 - Summary of Monthly Expenditures for Customer Connect

[2] AFUDC debt and equity rates provided by Asset Accounting. AFUDC rates are calculated semi-annually in January and July and upon any rate case updates.

[3] Customer Connect in-service date - 4/05/2021 - AFUDC ends as of March 31, 2021

[4] Per Docket No. E-7 Sub 1146, 15-year amortization began when asset was placed in service.

[5] Remaining amount to be amortized at capital cutoff date - 152 months = 12.7 years

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DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Amortize Customer Connect
For the Test Period Ending December 31, 2021
(Amounts in dollars)

E1-10
NC5120-3 Cust Connect Exp
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Application

Summary of Monthly Expenditures for Customer Connect [1][2]

Line No.		<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>Total</u>
2	<u>Month</u>					
4	January	1,539,140	1,920,577	629,111	1,394,440	
5	February	369,492	(251,176)	349,660	2,476,408	
6	March	888,366	1,703,080	1,212,225	5,120,225	
7	April	1,418,007	1,059,476	1,328,671	1,897,457	
8	May	788,700	1,152,674	711,182	3,940,895	
9	June	762,317	598,435	1,487,467	3,475,812	
10	July	818,815	976,865	1,621,993	-	
11	August	625,448	793,869	1,076,729	-	
12	September	1,327,371	1,098,623	1,137,494	-	
13	October	623,284	889,088	2,741,268	-	
14	November	510,258	899,559	2,769,589	-	
15	December	1,217,780	1,335,703	4,244,701	-	
16	Annual Total	\$ 10,888,978	\$ 12,176,775	\$ 19,310,090	\$ 18,305,236	\$ 60,681,079

[1] Actuals provided by DEC Accounting

[2] The three month warranty period ended in June 2021, therefore the deferral of Customer Connect costs ended.

DUKE ENERGY CAROLINAS, LLC
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Amortize Deferred Billing
For the Test Period Ending December 31, 2021

E1-10
NC5130 Narrative
Application

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Jan 19 2023

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

In the E-7, Sub 1026 Commission Order Granting General Rate Increase, Findings of Fact and Conclusions - Item 40 (page 15), the Commission approved the deferral of the costs to effectuate the lighting audit and billing system change agreed to in paragraph 8.L. of the Stipulation between the Public Staff and the Company. On June 12, 2013, the Public Staff filed a Notice of Settlement in Principle with Duke Energy Carolinas. On June 17, 2013, Duke Energy Carolinas and the Public Staff entered into and filed the Stipulation resolving all of the issues in this proceeding between the two parties. The Stipulation provided that the Company shall conduct an audit and modify its billing system to effectuate the Company's proposed reduction in the extra facilities rate for all customers, including the additional facilities charges for existing lighting customers.

This pro forma adjusts depreciation and amortization expense associated with the regulatory asset related to these costs.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
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For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC5130 Summary
Page 1 of 1
Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		-
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	NC5120-1	219
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC5120-1	\$ (51)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 168
17			
18	Operating income (L3-L16)		\$ (168)
19	<u>Rate Base</u>		
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital	NC5120-1	\$ (219)
25	Accumulated deferred income taxes	NC5120-1	\$ 51
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ (168)

DUKE ENERGY CAROLINAS, LLC
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For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC5130-1 Calculation
Page 1 of 1
Application

Line No.	Description	Total NC Retail
1		
2	Projected Ending Balance - capital cutoff	\$ 656 [1]
3		
4	Balance for Amortization (L2)	\$ 656
5		
6	Years remaining to Amortize	3.0
7		
8	Annual amortization (L4/L6)	\$ 219
9		
10	Adjustment to Depreciation and Amortization (L8)	\$ 219
11		
12	Statutory tax rate	23.3503% [2]
13		
14	Impact to income taxes (-L10 x L12)	\$ (51)
15		
16	Impact to operating income (-L10 - L14)	\$ (168)
17		
18	<u>Impact to Rate Base</u>	
19		
20	Cost of Service Deferral in Rate Base 12/31/2021	\$ 656 [3]
21		
22	Less 1 years amortization (-L10)	(219)
23		
24	Adjusted Customer Connect Deferral Balance in rate base (L20 + L22)	437
25		
26	Impact to working capital investment (L24 - L20)	\$ (219)
27		
28	Impact to accumulated deferred income tax (-L26 x L12)	\$ 51
29		
30	Impact to Rate Base (L26+L28)	\$ (168)

[1] NC5130-2 - Deferral Calc - Ending Balance - Line 31

[2] NC1010-4 2022 Calculation of Tax Rates, Line 10

[3] Trial Balance - account 0182438

DUKE ENERGY CAROLINAS, LLC
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Amortize Deferred Billing
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC5130-2 Deferral Calc
Page 1 of 1
Application

Calculation of Deferral

Line No.	Month	Beginning Balance A	NC Retail Deferral [1] B	Ending Balance C = A+B
1				
2				
3				
4				
5	Oct-13	-	6,010	6,010
6	Nov-13	6,010	21,255	27,264
7	Dec-13	27,264	29,026	56,290
8	Jan-14	56,290	33,937	90,227
9	Feb-14	90,227	53,830	144,056
10	Mar-14	144,056	56,764	200,821
11	Apr-14	200,821	52,568	253,389
12	May-14	253,389	45,541	298,929
13	Jun-14	298,929	52,835	351,765
14	Jul-14	351,765	31,304	383,069
15	Aug-14	383,069	30,866	413,935
16	Sep-14	413,935	33,093	447,028
17	Oct-14	447,028	38,098	485,126
18	Nov-14	485,126	26,478	511,604
19	Dec-14	511,604	29,128	540,732
20	Jan-15	540,732	22,416	563,148
21	Feb-15	563,148	24,264	587,412
22	Mar-15	587,412	23,407	610,819
23	Apr-15	610,819	12,468	623,287
24	May-15	623,287	6,679	629,966
25	Jun-15	629,966	12,479	642,444
26	Jul-15	642,444	8,075	650,519
27	Aug-15	650,519	2,493	653,013
28	Sep-15	653,013	2,327	655,339
29	Oct-15	655,339	688	656,028
30	Nov-15	656,028	-	656,028
31	Dec-15	656,028	-	656,028
32			656,028	[2]

- [1] Provided by DEC Accounting
[2] Trial Balance - account 0182438

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust Coal Inventory
For the Test Period Ending December 31, 2021

E1-10
NC6010 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjustment reflects the Company's requirement for a level of coal inventory equal to the coal needed for a 40 day full load burn priced at the projected average delivered coal cost for the fuel billing period as discussed by Witness Verderame in Docket No. E-7, Sub 1263 plus the fixed transportation cost.

Days of coal inventory on the storage piles refers to "full load burn days". Therefore, one "day" of supply is equal to how much coal would be burned at any given generating unit if it was to run at full load for 24 hours straight. The projected full load burn for the entire coal-fired fleet in the Carolinas is 51,746 tons per day which means that if there are 40 days of supply on the system, then there are 2.1 tons ($40 \times 51,746$) on the storage piles.

The Company does not use "average" burn to report how many "days" of inventory are in storage because the average burn for any given period can vary greatly due to many factors and it can over-state the amount of inventory in storage. For example, the biggest risk would be to run out of coal during a hot summer when the entire coal-fired fleet is needed to run at full load. By reporting the inventory using "full load burn", we have stated how many days our units can run during a critical time when they are all expected to be running at full load.

DUKE ENERGY CAROLINAS, LLC
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Adjust Coal Inventory
For the Test Period Ending December 31, 2021

E1-10
NC6010 Summary
Page 1 of 1
Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes		
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ -
17			
18	Operating income (L3-L16)		\$ -
19	<u>Rate Base</u>	Source	Total NC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies	NC6010-1	\$ (3,257)
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ (3,257)

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust Coal Inventory
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC6010-1 Calculation
Page 1 of 1
Application

Line No.	Description	Total Carolinas	NC Retail Allocation	Total NC Retail
1				
2	Estimated full load burn (December 2023)	51,746 [1]		
3	Target number of days inventory	40 [1]		
4	Target coal inventory balance at Dec.31, 2023 (tons) (L2 x L3)	2,069,840		
5	Projected average delivered coal costs per ton	\$ 91.89 [2]		
6	Projected coal inventory balance (L4 x L5) / 1,000	\$ 190,198	67.4869% [3]	\$ 128,358
7				
8	Total Coal Inventory Balance (L6)	\$ 190,198		\$ 128,358
9				
10	Actual coal inventory balance	\$ 195,023 [4]	67.4869% [3]	\$ 131,615
11				
12	Impact to materials and supplies (coal inventory) (L8 - L10)	\$ (4,826)		\$ (3,257)

[1] E-1 Item 46E, Coal Consumption and Inventory Data

[2] NC6010-2 - Docket No. E-7, Sub 1263, Direct Testimony - Verderame, Page 8, Line 24

[3] NC Retail Allocation Factor - All MWHs at Generation - Jur

[4] E-1 Item 2, Trial Balance - Accounts 0151130, 0151131 and 0151132

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust Coal Inventory
For the Test Period Ending December 31, 2021

E1-10
NC6010-2 Testimony
Page 1 of 1
Application

John Verderame Direct Testimony - Docket No. E-7, Sub 1263

16 Q. WHAT ARE THE PROJECTED COAL AND NATURAL GAS
17 CONSUMPTIONS AND COSTS FOR THE BILLING PERIOD?

18 A. DEC's current coal burn projection for the billing period is 3.3 million tons,
19 compared to 5.3 million tons consumed during the test period. DEC's billing
20 period projections for coal generation may be impacted due to changes from, but
21 not limited to, the following factors: (1) delivered natural gas prices versus the
22 average delivered cost of coal; (2) volatile power prices; and (3) electric demand.
23 Combining coal and transportation costs, DEC projects average delivered coal
24 costs of approximately \$91.89 per ton for the billing period compared to \$78.22

DIRECT TESTIMONY OF JOHN A. VERDERAME
DUKE ENERGY CAROLINAS, LLC

Page 8
Docket No. E-7, Sub 1263

1 per ton in the test period. This increase in delivered costs is primarily driven by
2 increased coal commodity costs due to limited coal supply and increased domestic
3 and international demand. This includes an average projected total transportation
4 cost of \$29.63 per ton for the billing period, compared to \$31.68 per ton in the test
5 period. This projected delivered cost, however, is subject to change based on, but
6 not limited to, the following factors: (1) exposure to market prices and their impact
7 on open coal positions; (2) the amount of Central Appalachian coal DEC is able
8 to purchase and deliver and the non-Central Appalachian coal DEC is able to
9 consume; (3) changes in transportation rates; (4) performance of contract
10 deliveries by suppliers and railroads which may not occur despite DEC's strong
11 contract compliance monitoring process; and (5) potential additional costs
12 associated with suppliers' compliance with legal and statutory changes, the effects
13 of which can be passed on through coal contracts.

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DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust cash working capital for present revenue annualized and proposed revenue
For the Test Period Ending December 31, 2021

E1-10
NC6020 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts cash working capital to incorporate the impact of the other pro forma adjustments. It also calculates the additional cash working capital required as a result of the proposed increase in rates. The adjustment is in accordance with the Commission's March 21, 2016 order in Docket No. M-100 Sub 137.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust cash working capital for present revenue annualized and proposed revenue
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(Dollars in thousands)

E1-10
NC6020 Summary
Page 1 of 1
Application

Line No	Impacted Income Statement Line Items	Source	Total NC Retail	
			Present	Proposed
			Application	
1	Sales of Electricity			
2	Other Revenue			
3	Electric operating revenue (L1+L2)		\$ -	\$ -
4				
5	<u>Electric operating expenses:</u>			
6	Operation and maintenance:			
7	Fuel used in electric generation			
8	Purchased power			
9	Other operation and maintenance expense			
10	Depreciation and amortization			
11	General taxes			
12	Interest on customer deposits			
13	EDIT Amortization			
14	Net income taxes	NC6020-1 & NC6020-2	(84)	398
15	Amortization of investment tax credit			
16	Total electric operating expenses (sum(L7:L15))		\$ (84)	\$ 398
17				
18	Operating income (L3-L16)		84	(398)
			Total NC Retail	
			Present	Proposed
			Application	
19	Rate Base	Source		
20	Electric plant in service		\$ -	\$ -
21	Accumulated depreciation and amortization		\$ -	\$ -
22	Net electric plant in service (L20 + L21)		\$ -	\$ -
23	Materials and supplies		\$ -	\$ -
24	Total Working Capital	NC6020-1 & NC6020-2	\$ 17,856	\$ (84,143)
25	Accumulated deferred income taxes		\$ -	\$ -
26	Operating reserves		\$ -	\$ -
27	Construction Work in Progress		\$ -	\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		17,856	(84,143)

DUKE ENERGY CAROLINAS, LLC
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Adjust cash working capital for present revenue annualized and proposed revenue
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC6020-1 Proposed
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Application

Line No.	Description	NC Retail					NC Retail		
		Financials	Iteration 1				Iteration 2		
		Adjusted with CWC (a)	Lead Lag Days (b)	Increase (c) = (d) - (a)	With Increase (d) = (a) + (c)	CWC Change (e) = (c)/365 * (b)	Increase (f) = (g) - (d)	With Increase (g) = (d) + (f)	CWC Change (h) = (f)/365 * (b)
1	Total Adjusted Present Revenue	\$ 5,185,865 [1]	40.13 [1]		5,185,865	-		5,185,865	-
2	Revenue Increase (L3)		39.58 [1]	381,480 [2]	381,480	41,365	(7,918)	373,562	(859)
3	Revenues (L1 + L2)	5,185,865		381,480	5,567,345	41,365	(7,918)	5,559,427 [12]	(859)
4									
5	Operating Expenses:								
6	Fuel Used in Electric Generation	1,147,527 [1]	25.50 [1]		1,147,527	-		1,147,527	-
7	Purchased Power	15,836 [1]	226.58 [1]		15,836	-		15,836	-
8									
9	Operation & Maintenance Expense	1,153,038 [1]	36.16 [1]		1,153,038	-		1,153,038	-
10	Other adjustments to reg fees and uncollectibles		36.49 [3]	2,762 [4]	2,762	276	(57) [5]	2,704	(6)
11	Operation and Maintenance Expense with Increase (L9 + L10)	1,153,038		2,762	1,155,800	276	(57)	1,155,742	(6)
12									
13	Total Adjusted Depreciation and Amortization	1,293,748 [1]	- [1]		1,293,748	-		1,293,748	-
14	Total Adjusted General Taxes	210,049 [1]	180.73 [1]		210,049	-		210,049	-
15	Total Adjusted Interest on Customer Deposits	5,652 [1]	218.40 [1]		5,652	-		5,652	-
16									
17	Net Income Taxes	229,940 [1]	57.97 [1]		229,940	-		229,940	-
18	Revenue Increase		521.75 [1]	88,432 [6]	88,432	126,410	(1,433) [6]	87,000	(2,048)
19	Income Taxes with Increase (L17 + L18)	229,940		88,432	318,373	126,410	(1,433)	316,940	(2,048)
20									
21	EDIT Amortization	(24,092) [1]	- [1]		(24,092)	-		(24,092)	-
22	Amortization of Investment Tax Credit	(1,804) [1]	- [1]		(1,804)	-		(1,804)	-
23	Total Operating Expense (L6+L7+L11+L13+L14+L15+L19+L21+L22)	4,029,895		91,194	4,121,089	126,686	(1,490)	4,119,599	(2,054)
24									
25	Interest Expense	388,671 [1]	85.20 [1]	-	388,671	-	(1,728)	386,943 [8]	(403)
26	Return for Equity	767,299 [1]	- [1]	290,289	1,057,588 [7]	-	(4,703)	1,052,885 [7]	-
27	Net operating income for return (L25 + L26)	1,155,970		290,289	1,446,259	(85,321) [9]	(6,431)	1,439,828	1,195
28									
29	Total requirement (L23 + L27)	5,185,865		381,483	5,567,348	(85,321) [10]	(7,921)	5,559,427	1,195
30									
31	Cumulative change in working capital (Prior Iteration Cumulative CWC Change + L29)					(85,321)			(84,126)
32	Rate base under present rates (Col (a) L33)					19,187,011			19,187,011
33	Rate base after rate increase (L31 + L32)	19,187,011 [1]				19,101,690			19,102,885
34									
35	Overall rate of return (L27 / L33)	6.02%				7.57%			7.54%
36	Target rate of return	7.54% [11]				7.54% [11]			7.54% [11]

[1] NC6020-2 - Adjustment to cash working capital for present revenue annualized

[2] L26/ Equity Retention Rate

[3] E-1 Item 14, Lead Lag Study, Total O&M Excl. Fuel and Purch. Power

[4] L3*(Uncollectibles rate + Net statutory regulatory fee percentage rate)

[5] (Uncollectibles rate + Net statutory regulatory fee percentage rate) * (L19+L27)/

(1-Uncollectibles rate - Net statutory regulatory fee percentage rate)

[6] L26/ (1-Statutory tax rate)*(1-Statutory tax rate)

[7] L33*Equity Rate*Equity Ratio

[8] L33*Debt Rate*Debt Ratio

[9] L3-L23

[10] L27

[11] NC6020-4 Cost of Capital - Total Rate of Return

[12] Revenue solved through iteration (L23 + L27)

NC6020-1 Proposed
Page 1 of 2
E1-10

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust cash working capital for present revenue annualized and proposed revenue
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC6020-1 Proposed
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Application

Line No.	Description	NC Retail Iteration 3			NC Retail After Increase	
		Increase (i) = (j) - (g)	With Increase (j) = (g) + (i)	CWC Change (k) = (i)/365 * (b)	Cumulative Increase (l) = (c) + (f) + (i)	After Increase (m) = (a) + (l)
1	Total Adjusted Present Revenue		5,185,865	-		5,185,865
2	Revenue Increase (L3)	111	373,673	12	373,673	373,673
3	Revenues (L1 + L2)	111	5,559,538	12	373,673	5,559,538
4						
5	Operating Expenses:					
6	Fuel Used in Electric Generation		1,147,527	-	-	1,147,527
7	Purchased Power		15,836	-	-	15,836
8						
9	Operation & Maintenance Expense		1,153,038	-	-	1,153,038
10	Other adjustments to reg fees and uncollectibles	1 [5]	2,705	0	2,705	2,705
11	Operation and Maintenance Expense with Increase (L9 + L10)	1	1,155,743	0	2,705	1,155,743
12						
13	Total Adjusted Depreciation and Amortization		1,293,748	-	-	1,293,748
14	Total Adjusted General Taxes		210,049	-	-	210,049
15	Total Adjusted Interest on Customer Deposits		5,652	-	-	5,652
16						
17	Net Income Taxes		229,940	-	-	229,940
18	Revenue Increase	20 [6]	87,020	29	87,020	87,020
19	Income Taxes with Increase (L17 + L18)	20	316,960	29	87,020	316,960
20						
21	EDIT Amortization		(24,092)	-	-	(24,092)
22	Amortization of Investment Tax Credit		(1,804)	-	-	(1,804)
23	Total Operating Expense (L6+L7+L11+L13+L14+L15+L19+L21+L22)	21	4,119,620	29	89,725	4,119,620
24						
25	Interest Expense	24	386,967	6	(1,704)	386,967
26	Return for Equity	66	1,052,951	-	285,652	1,052,951
27	Net operating income for return (L25 + L26)	90	1,439,918	(17) [9]	283,948	1,439,918
28						
29	Total requirement (L23 + L27)	111	5,559,538	(17) [10]	373,673	5,559,538
30						
31	Cumulative change in working capital (Prior Iteration Cumulative CWC Change + L2:			(84,143)		(84,143)
32	Rate base under present rates (Col (a) L33)			19,187,011		19,187,011
33	Rate base after rate increase (L31 + L32)			19,102,868		19,102,868
34						
35	Overall rate of return (L27 / L33)			7.54%		7.54%
36	Target rate of return			7.54% [11]		7.54% [11]

[1] NC6020-2 - Adjustment to cash working capital for present revenue annualized

[2] L26/ Equity Retention Rate

[3] E-1 Item 14, Lead Lag Study, Total O&M Excl. Fuel and Purch. Power

[4] L3*(Uncollectibles rate + Net statutory regulatory fee percentage rate)

[5] (Uncollectibles rate + Net statutory regulatory fee percentage rate) * (L19+L27)/

(1-Uncollectibles rate - Net statutory regulatory fee percentage rate)

[6] L26/ (1-Statutory tax rate)*(1-Statutory tax rate)

[7] L33*Equity Rate*Equity Ratio

[8] L33*Debt Rate*Debt Ratio

[9] L3-L23

[10] L27

[11] NC6020-4 Cost of Capital - Total Rate of Return

[12] Revenue solved through iteration (L23 + L27)

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Adjustment to Cash Working Capital for Present Revenue Annualized

Line No.	Description	NC Retail									
		Financials					Lead Lag Cash Working Capital				
		Per Books (a)	[1] Adjustments (b)	[2] Adjusted w/o CWC (c) = (a) + (b)	Change in CWC (d)	Adjusted with CWC (e) = (c) + (d)	Lead/Lag Days (f)	[1] Per Book Working Capital (g) = (a)/365 * (f)	Total Adjusted Working Capital (h) = (c)/365 * (f)		
1	Rate Schedule Revenue:										
2	Rate Revenues	\$ 4,711,565		\$ 4,711,565			39.58	510,893	510,893		
3	Total Revenue Lag Sales for Resale	46,066		46,066			35.44	4,473	4,473		
4	Total Miscellaneous Rider Revenue	(65,229)		(65,229)							
5	Provisions For Rate Refunds	34,393		34,393			39.58	3,730	3,730		
6	Forfeited Discounts	3,355		3,355			70.00	643	643		
7	Miscellaneous Revenues	3,422		3,422			76.00	712	712		
8	Rent - Joint Use	816		816			45.21	101	101		
9	Total Acct 454.1 Extra Facilities	23,937		23,937			30.13	1,976	1,976		
10	Pole & Line Attachments	27,824		27,824			143.39	10,931	10,931		
11	454 RENT-TOWER LEASE REVENUE-TRANS	18		18			(93.97)	(5)	(5)		
12	454 RENT-TOWER LEASE REVENUE-LABOR	9,468		9,468			(93.97)	(2,437)	(2,437)		
13	454 RENT-TOWER LEASE REVENUE	3,809		3,809			(93.97)	(981)	(981)		
14	454 RENT-REAL ESTATE	3,383		3,383			45.21	419	419		
15	454 RENT-LABOR REL	10,091		10,091			(15.21)	(421)	(421)		
16	Other Electric Revenues - Profit Or Loss on Sale of M&S	15		15			-	-	-		
17	Other Electric Revenues	1,468		1,468			36.03	145	145		
18	Gross Up-Contr in Aid of Const	1,061		1,061			(15.21)	(44)	(44)		
19	Lincoln Siemens Billing	167		167			(15.21)	(7)	(7)		
20	Steam Sales Revenue (Clemson CHP)	1,109		1,109			25.50	77	77		
21	Deferred DSM Costs	(657)		(657)			-	-	-		
22	Other Transmission Revenues	1,535		1,535			-	-	-		
23	Total Revenues from Transm of Electricity to Others	6,343		6,343			40.41	702	702		
24	NC1010-Revenue Annualization		220,249	220,249			39.58	-	23,882		
25	NC1020 - Eliminate unbilled		8,126	8,126			39.58	-	881		
26	NC1030 - Adjust other Revenue		(3,748)	(3,748)			39.58	-	(406)		
27	NC1040 - Customer Growth		63,081	63,081			39.58	-	6,840		
28	NC1050 - Weather Normalization		4,807	4,807			39.58	-	521		
29	NC2030 - Adjust for costs recovered through Non Fuel riders		25,150	25,150			39.58	-	2,727		
30	NC2150 - Adjust test year rent expense for DE Plaza		29,649	29,649			39.58	-	3,215		
31	NC5090 - COVID Deferral		14,591	14,591			39.58	-	1,582		
32	Rounding		0	0				-	-		
33	Revenue - Adjustments (Sum L24 through L32)	-	361,906	361,906				-	39,243		
34											
35	Total Adjusted Revenue (Sum L2: L23 + L33)	\$ 4,823,959	\$ 361,906	\$ 5,185,865	\$ -	\$ 5,185,865	40.13	\$ 530,908	\$ 570,151		
36											
37	Operating Expenses:										
38	Fuel Used in Electric Generation										
39	OM Prod Energy - Fuel	\$ 1,023,187		1,023,187			25.50	71,496	71,496		
40	NC1040 - Customer Growth		12,386	12,386			25.50	-	865		
41	NC1050 - Weather Normalization		891	891			25.50	-	62		
42	NC2010 - Update Fuel costs to approved rates		140,824	140,824			25.50	-	9,840		
43	NC2030 - Adjust for Costs Recovered thru Non Fuel Riders		(29,761)	(29,761)			25.50	-	(2,080)		
44	Rounding		0	0			25.50	-	0		
45	Fuel Used in Electric Generation - Adjustments (Sum L40 through L44)	-	124,340	124,340				-	8,688		
46											
47	Total Adjusted Fuel Used in Electric Generation (Sum L39:L39 + L45)	\$ 1,023,187	\$ 124,340	\$ 1,147,527	\$ -	\$ 1,147,527	25.50	\$ 71,496	\$ 80,185		

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	NC Retail					
	Financials			Lead Lag Cash Working Capital		
48 Purchased Power						
49 Purchased Power	\$ 279,049		279,049	39.00	29,816	29,816
50 Deferred Fuel	(220,117)		(220,117)	25.50	(15,381)	(15,381)
51 NC2010 - Update Fuel costs to approved rates		(42,129)	(42,129)	39.00	-	(4,501)
52 NC2030 - Adjust for Costs Recovered thru Non Fuel Riders		(968)	(968)	39.00	-	(103)
53 Rounding		-	-		-	-
54 Purchased Power - Adjustments (Sum L51 through L53)	-	-	-		-	(4,605)
55						
56 Total Adjusted Purchased Power (Sum L49:L50 + L54)	\$ 58,933	\$ (43,097)	\$ 15,836	\$ -	\$ 15,836	226.58
57					\$ 14,435	\$ 9,831
58 Operation & Maintenance Expense						
59 Total Labor Expense	\$ 465,451		465,451	36.37	46,380	46,380
60 Pension and Benefits	54,175		54,175	12.21	1,812	1,812
61 Regulatory Commission Expense	8,889		8,889	89.82	2,187	2,187
62 Property Insurance	(3,412)		(3,412)	(474.55)	4,436	4,436
63 Injuries & Damages - Workman's Compensation	6,091		6,091	(145.50)	(2,428)	(2,428)
64 Uncollectible Accounts	18,913		18,913	-	-	-
65 Remaining Other Oper & Maint Expense	642,759		642,759	36.49	64,252	64,252
66 NC1010 - Revenue Annualization		1,594	1,594	35.69	-	156
67 NC1030 - Adjust other Revenue		(27)	(27)	35.69	-	(3)
68 NC1040 - Customer Growth		2,570	2,570	35.69	-	251
69 NC1050 - Weather Normalization		110	110	35.69	-	11
70 NC2010 - Update Fuel costs to approved rates		(17,003)	(17,003)	35.69	-	(1,663)
71 NC2030 - Adjust for Costs Recovered thru Non Fuel Riders		(81,295)	(81,295)	35.69	-	(7,949)
72 NC2040 - Adj Executive Comp		(4,670)	(4,670)	36.37	-	(465)
73 NC2050 - Labor Annualization		(6,710)	(6,710)	36.37	-	(669)
74 NC2060 - Benefits adjustment		(641)	(641)	12.21	-	(21)
75 NC2070 - Vegetation Management		3,013	3,013	36.49	-	301
76 NC2080 - Adjustments to test year expenses		(910)	(910)	35.69	-	(89)
77 NC2090 - Adjust Aviation Expense		(1,864)	(1,864)	35.69	-	(182)
78 NC2100 - Adjust Nuclear Outage levelation		1,679	1,679	36.49	-	168
79 NC2110 - Annualize non labor O&M (Inflation)		48,501	48,501	32.50	-	4,319
80 NC2130 - Adjust for change in NCUC Regulatory fee		490	490	89.82	-	121
81 NC2140 - Adjust for Non-Residential Credit Card Fees		1,507	1,507	36.49	-	151
82 NC2150 - Adjust test year rent expense for DE Plaza		3,646	3,646	36.49	-	365
83 NC5010 - Remove Expiring Amortizations		(22,142)	(22,142)	-	-	-
84 NC5020 - Amortize Rate Case Cost		3,701	3,701	-	-	-
85 NC5090 - Adjust for COVID impacts		4,097	4,097	35.69	-	401
86 NC7010 - Storm Normalization		24,527	24,527	35.69	-	2,398
87 Rounding		0	0		-	-
88 Operation & Maintenance Expense - Adjustments (Sum L66 through L87)	-	(39,828)	(39,828)		-	(2,401)
89						
90 Total Adjusted Operation & Maintenance Expense (Sum L59:L65 + L88)	\$ 1,192,866	\$ (39,827.62)	\$ 1,153,038	\$ -	\$ 1,153,038	36.16
91					\$ 116,640	\$ 114,239
92 Depreciation and Amortization	\$ 1,033,226		1,033,226	-	-	-
93 NC2030 - Adjust for Costs Recovered thru Non Fuel Riders		14,329	14,329	-	-	-
94 NC2120 - Adjust EOL Nuclear Costs		(6,744)	(6,744)	-	-	-
95 NC2150 - Adjust for Duke Energy Plaza		3,195	3,195	-	-	-
96 NC3010 - Annualize Depreciation on Test Year End Plant		(4,275)	(4,275)	-	-	-
97 NC3030 - Adjust for Post Test year additions		68,722	68,722	-	-	-
98 NC3040 - Adjust New Depreciation Rates		145,660	145,660	-	-	-
99 NC3070 - Transmission Merger		(10)	(10)	-	-	-
100 NC5010 - Remove Expiring Amortizations		(5,220)	(5,220)	-	-	-
101 NC5030 - CCR Non ARO		1,214	1,214	-	-	-

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		NC Retail					
		Financials			Lead Lag Cash Working Capital		
102	NC5040 - Grid next tranche	33,496	33,496	-	-	-	-
103	NC5060 - Amortize Allen NBV	4,842	4,842	-	-	-	-
104	NC5080 - Adjust for approved regulatory assets and liabilities	(969)	(969)	-	-	-	-
105	NC5090 - COVID Deferral	61,796	61,796	-	-	-	-
106	NC5120 - Customer Connect Amortization	1,215	1,215	-	-	-	-
107	NC5130 - Amortize Deferred Billing	219	219	-	-	-	-
108	NC7040 - Storm Securitization Regulatory Asset	(246)	(246)	-	-	-	-
109	NC4010 - Amortized Deferred Environmental Cost	39,914	39,914	-	-	-	-
110	NC5010-CCR - Remove Expiring Amortizations	(110,743)	(110,743)	-	-	-	-
111	NC5080-CCR - Adjust for approved regulatory assets and liabilities	14,127	14,127	-	-	-	-
112	Rounding	-	-	-	-	-	-
113	Depreciation and Amortization - Adjustments (Sum L93 through L112)	246,192	246,192	-	-	-	-
114							
115	Total Adjusted Depreciation and Amortization (L92 + L113)	\$ 1,033,226	\$ 260,522	\$ 1,293,748	\$ -	\$ 1,293,748	\$ -
116							
117	<u>General Taxes</u>						
118	Payroll Taxes	\$ 26,503	26,503	51.17	3,716	3,716	
119	North Carolina Property Tax	97,922	97,922	186.50	50,034	50,034	
120	South Carolina Property Tax	96,571	96,571	196.50	51,990	51,990	
121	Other Non-Income Taxes	(8,506)	(8,506)	21.04	(490)	(490)	
122	NC2030 - Adjust for Costs Recovered thru Non Fuel Riders	(910)	(910)	180.79	-	(451)	
123	NC2050 - Labor Annualization	665	665	180.79	-	329	
124	NC2090 - Adjust Aviation Expense	(34)	(34)	180.79	-	(17)	
125	NC2150 - Adjust for Duke Energy Plaza	(31)	(31)	186.50	-	(16)	
126	NC3020 - Annualize Property Tax on Test Year End Plant	4,514	4,514	186.50	-	2,306	
127	NC3030 - Adjust for Post Test year additions	13,067	13,067	186.50	-	6,677	
128	NC6040 - NC Tax Rate and Franchise Tax Rate changes	(19,712)	(19,712)	186.50	-	(10,072)	
129	Rounding	0.00	0	-	-	-	
130	General Taxes - Adjustments (Sum L122 through L129)	(1,531)	(1,531)	-	-	(1,243)	
131							
132	Total Adjusted General Tax (Sum L118:L121 + L130)	\$ 212,490	\$ (2,442)	\$ 210,049	\$ -	\$ 210,049	\$ 180.73
133							
134	<u>Interest on Customer Deposits</u>	\$ 5,652	5,652	218.40	3,382	3,382	
135	Interest on Customer Deposits - Adjustments	-	-	-	-	-	
136	Rounding	-	-	-	-	-	
137	Total Adjusted Interest on Customer Deposits (L135 + L136)	\$ 5,652	\$ -	\$ 5,652	\$ -	\$ 5,652	\$ 218.40
138							
139	<u>Income Taxes</u>						
140	Federal Income Tax	\$ 166,397	166,397	44.75	20,401	20,401	
141	State Income Tax	18,237	18,237	44.75	2,236	2,236	
142	Income Tax - Deferred	35,671	35,671	-	-	-	
143	PF INC TAX-Adjust Income Taxes	16,775	16,775	521.75	-	23,980	
144	NC6030 - Interest Sync	(7,055)	(7,055)	521.75	-	(10,085)	
145	Rounding	(0.00)	(0)	-	-	-	
146	Income Taxes - Adjustments (Sum L143 through L145)	9,720	9,720	-	-	13,895	
147							
148	Total Adjusted Income Taxes (Sum L140:L142 + L146)	\$ 220,304	\$ 9,720	\$ 230,025	\$ (84)	\$ 229,940	\$ 57.97
149							
150	<u>EDIT Amortization</u>	\$ (204,469)	(204,469)	-	-	-	
151	NC2030 - Adjust for Costs Recovered thru Non Fuel Riders	180,377	180,377	-	-	-	
152	Rounding	-	-	-	-	-	
153	EDIT Amortization (Sum L151 through L152)	180,377	180,377	-	-	-	
154							
155	Total Adjusted EDIT Amortization (L150 + L153)	\$ (204,469)	\$ 180,377	\$ (24,092)	\$ -	\$ (24,092)	\$ -

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	NC Retail					
	Financials			Lead Lag Cash Working Capital		
156						
157 Amortization of Investment Tax Credit	\$ (2,830)		(2,830)	-	-	-
158 NC2030 - Adjust for Costs Recovered thru Non Fuel Riders		945	945	-	-	-
159 NC3010 - Annualize Depreciation on Test Year End Plant		81	81	-	-	-
160 NC5080 - Adjust for approved regulatory assets and liabilities		-	-	-	-	-
161 Rounding		-	-	-	-	-
162 Amort. of Investment Tax Credit - Adjustments (Sum L158 through L161)	-	1,026	1,026	-	-	-
163						
164 Total Adjusted Amortization of Investment Tax Credit (L157 + L162)	<u>\$ (2,830)</u>	<u>\$ 1,026</u>	<u>\$ (1,804)</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>
165						
166 Total Operating Expense (L47+L56+L90+L115+L132+L137+L148+L155+L164)	<u>\$ 3,539,360</u>	<u>\$ 490,619</u>	<u>\$ 4,029,979</u>	<u>\$ (84)</u>	<u>\$ 4,029,895</u>	<u>\$ 333,838</u>
167						
168 Interest Expense	\$ 358,096 [1]	\$ 30,214	\$ 388,310 [4]	\$ 362 [4]	\$ 388,671	\$ 83,588
169 Return for Equity (L170 - L168)	926,503	(158,927)	767,576	(277)	767,299	-
170 Net operating income for return (L35 - L166)	<u>\$ 1,284,599</u>	<u>\$ (128,713)</u>	<u>\$ 1,155,886</u>	<u>\$ 84</u>	<u>\$ 1,155,970</u>	<u>\$ 83,588</u>
171						
172 Total Requirement (L166 + L170)	\$ 4,823,959	\$ 361,906	\$ 5,185,865	\$ 5,185,865	30.89	\$ 417,427
173						
174 Cash working capital, before Sales Tax Adjustment (L35 - (L166 + L168))					\$ 113,481	\$ 131,337
175 Working Capital related to sales tax					9,397 [5]	9,397 [5]
176 Total Cash Working Capital Requirements (L174 + L175)					<u>\$ 122,878</u>	<u>\$ 140,734</u>
177						
178 RATE BASE	\$ 17,596,163 [2]	1,572,992	\$ 19,169,155 [2]	\$ 17,856 [6]	\$ 19,187,011	
179						
180 Overall Rate of Return (L170 / L178)	7.30%		6.03%		6.02%	

[1] E-1 Item 14, Lead Lag Study

[2] Bowman Exhibit 2

[3] Interest Expense: - L168 x NC6020-4 Tax Rate, Line 5

[4] Rate Base x NC6020-4 - Line 1

[5] NC6020-3 - Cash Working Capital for NC Retail Operations - Lead Lag Summary - E-1 Item 14, Line 20

[6] Change in Cash Working Capital: L176, Column (h) - Column (g)

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Cash Working Capital for NC Retail Operations - Lead Lag Summary - E-1 Item 14

Line No.	Description	Actual Annual Expense [A]	Lead (Lag) Days [B]	Weighted Amount [C]
1	Calculation of NC Retail Amount:			
2				
3	Total Revenue Lag	\$ 4,823,959	40.17	\$ 193,781,373
4				
5	Operation & Maintenance Expense	\$ 2,274,985	32.50	\$ 73,938,507
6	Depreciation and Amortization	1,033,226	-	-
7	Taxes Other Than Income Taxes	212,490	180.79	38,415,863
8	Interest on Customer Deposits	5,652	218.40	1,234,302
9	Net Income Taxes	15,836	521.75	8,262,351
10	ITC	(2,830)	-	-
11	Income for Return	1,284,599	23.75	30,509,761
12	Total Requirements (Sum L5:L11)	<u>\$ 4,823,959</u>	31.58	<u>\$ 152,360,784</u>
13				
14	Revenue Lag Days (L3)		40.17	
15	Requirements Lead Days (-L12)		(31.58)	
16	Net Lag Days (L14 + L15)		<u>8.59</u>	
17	Daily Requirements (L12, Col. A divided by 365)			\$ 13,216
18				
19	Estimated Cash Working Capital Requirements (L16 x L17)			\$ 113,481
20	Add: Cash Working Capital Related to NC Sales Tax			9,397
21	Total Cash Working Capital Requirements (L19 + L20)			<u>\$ 122,878</u>
22				
23	Calculation of Total Company and Jurisdictional Amounts:			
24	NC Retail Factor			68.2877% [1]
25				
26	Total Company Cash Working Capital Requirements (L21 / L24)			\$ 179,942

[1] NC Retail Allocation Factor - All - Rate Base x CWC - Jur

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<u>Line</u> <u>No.</u>	<u>Description</u>	<u>Rate</u>	<u>Ratio</u>	<u>Weighted</u>
1	Debt	4.31% [1]	47.00% [1]	2.03% [2]
2	Equity	10.40% [1]	53.00% [1]	5.51% [3]
3	Total Rate of Return (L1 + L2)			7.54%
4				
5	Statutory tax rate	23.3503% [4]		
6	Net statutory regulatory fee percentage rate	0.1392% [5]		
7	Uncollectibles rate	0.5847% [6]		
8				
9	Debt Retention Rate $((1-L6)*(1-L7))$	99.2769%		
10	Equity Retention Rate $(L9*(1-L5))$	76.0955%		

[1] Bowman Exhibit 2, Page 2

[2] Debt Rate x Debt Ratio

[3] ROE x Equity Ratio

[4] NC1010-4 2022 Calculation of Tax Rates, Line 10

[5] NC1010-3 - NCUC Statutory Regulatory Fee Percentage Rate, Line 3

[6] NC1010-5 - Development of Uncollectibles Rate, Line 3

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Synchronize interest expense with end of period rate base
For the Test Period Ending December 31, 2021

E1-10
NC6030 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro-forma adjusts income taxes to reflect the tax impact that results from annualizing interest expense based on the end-of-period, adjusted rate base.

The impact to income taxes was determined as follows:

First, multiply rate base after all pro-forma adjustments have been made by the long-term debt ratio to calculate an adjusted long-term debt balance. Second, multiply the adjusted long-term debt balance by the end of year cost of long-term debt to calculate annualized interest expense. Third, subtract interest expense incurred during the test period from annualized interest expense and multiply the difference by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Synchronize interest expense with end of period rate base
For the Test Period Ending December 31, 2021

E1-10
NC6030 Summary
Page 1 of 1
Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC6030-1	(7,055)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (7,055)
17			
18	Operating income (L3-L16)		7,055
19	<u>Rate Base</u>	Source	Total NC Retail Application
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Synchronize interest expense with end of period rate base
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC6030-1 Calculation
Page 1 of 1
Application

Line No.	Description	Total System Col [a]	NC Retail Allocation Col [b]	Total NC Retail Col [c]
1				
2	Rate base before pro forma adjustments	\$ 25,767,684 [1]	68.2877% [2]	\$ 17,596,163 [1]
3				
4	Total Adjusted rate base before working capital adjustment	\$ 28,071,161 [3]		\$ 19,169,155 [4]
5				
6	Long-term debt ratio	47.00% [5]		47.00% [5]
7	Calculated long-term debt (L4 x L6)	\$ 13,193,446		\$ 9,009,503
8				
9	End of year cost of long-term debt	4.31% [5]		4.31% [5]
10	Annualized interest expense (L7 x L9)	\$ 568,638		\$ 388,310
11				
12	Incurred interest expense	524,393 [6]	68.2877% [7]	358,096
13				
14	Increase / <decrease> to interest costs (L10 - L12)	\$ 44,245		\$ 30,214
15				
16	Statutory tax rate	23.3503% [8]		23.3503% [9]
17	Impact to income taxes (-L14 x L16)	\$ (10,331)		\$ (7,055)
18				
19	Impact to operating income (-L17)	\$ 10,331		\$ 7,055

[1] Bowman Exhibit 2, Page 1, Line 13

[2] NC Retail Allocation Factor - Calculation: L2, Col [c] / L2, Col [a]

[3] Calculation: L4, Col [c] / L2, Col [b]

[4] Calculation: L2 + (Bowman Exhibit 2 page 3 Total Column Line 35 - Cash Working Capital Present Line 35)

[5] Bowman Exhibit 2, Page 2, Line 1

[6] Cost of Service, E-1 Item 45a, Interest Expense-Electric

[7] NC Retail Allocation Factor - All - Rate Base x CWC - Jur

[8] NC1010-4 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
NC6040 Adjust NC Franchise Tax
For the Test Period Ending December 31, 2021

E1-10
NC6040 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

On November 18, 2021 Governor Roy Cooper signed into law the 2021 Appropriations Act which affects various North Carolina Taxes including franchise taxes.

The Act simplifies the franchise tax calculation. Effective with the 2022 income tax returns filed in 2023, franchise tax will be calculated on a corporation's North Carolina apportioned net worth. This change will result in a reduction in the Company's Franchise tax expense. This proforma, adjusts franchise tax to the anticipated new level under the new law.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
NC6040 Adjust NC Franchise Tax
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC6040 Summary
Page 1 of 1
Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization		
11	General taxes	NC6040-1	(19,712)
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC6040-1	4,603
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (15,109)
17			
18	Operating income (L3-L16)		\$ 15,109
19	<u>Rate Base</u>		
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, SUB 1276
NC6040 Adjust NC Franchise Tax
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC6040-1
Page 1 of 1
Application

<u>Line #</u>	<u>Description</u>	<u>Account</u>	<u>System Amount</u>	<u>Allocation Factor</u>	<u>NC Retail Amount</u>
1	Total NC franchise tax		\$ 25,499 [1]	96.22% [3]	\$ 24,535
2					
3	Franchise tax under new legislation		\$ 5,012 [2]	96.22% [3]	\$ 4,822
4					
5	Adjustment to franchise tax (L3 - L1)		\$ (20,487)		\$ (19,712)
6					
7	Net income taxes (-L5 * L7)	23.3503% [4]	\$ 4,784		\$ 4,603
8					
9	Total operating expense		\$ (15,703)		\$ (15,109)

[1] Per General Ledger accounting details.

[2] Per estimate of franchise taxes under new legislation provided by E&Y tax group.

[3] Allocation factor - NC - Elec Rev - Jur

[4] NC1010-4 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust Rate base for Unprotected EDIT
For the Test Period Ending December 31, 2021

E1-10
NC6090 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This proforma reflects an adjustment to rate base to reflect flowing back additional Unprotected EDIT to customers using a levelized EDIT Rider consistent with what was done in Docket E-7 Sub 1214. The amounts are offsets to rate base as of the end of the test year. With levelized give back, the amounts should not be included in rate base.

This proforma reflects an adjustment to rate base for the additional Unprotected EDIT. The company is proposing to flow these additional amounts back to customers through the existing levelized EDIT rider as shown in Bowman Exhibit 3.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust Rate base for Unprotected EDIT
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC6090 Summary
Page 1 of 1
Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application	
1	Sales of Electricity			
2	Other Revenue			
3	Electric operating revenue (L1+L2)		\$	-
4				
5	<u>Electric operating expenses:</u>			
6	Operation and maintenance:			
7	Fuel used in electric generation			
8	Purchased power			
9	Other operation and maintenance expense			
10	Depreciation and amortization			
11	General taxes			
12	Interest on customer deposits			
13	EDIT Amortization			
14	Net income taxes			
15	Amortization of investment tax credit			
16	Total electric operating expenses (sum(L7:L15))		\$	-
17				
18	Operating income (L3-L16)		\$	-
19	<u>Rate Base</u>			
20	Electric plant in service		\$	-
21	Accumulated depreciation and amortization		\$	-
22	Net electric plant in service (L20 + L21)		\$	-
23	Materials and supplies		\$	-
24	Total Working Capital	NC6090-1	\$	17,079
25	Accumulated deferred income taxes	NC6090-1	\$	(3,988)
26	Operating reserves		\$	-
27	Construction Work in Progress		\$	-
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$	13,091

DUKE ENERGY CAROLINAS, LLC
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Adjust Rate base for Unprotected EDIT
For the Test Period Ending December 31, 2021
(dollars in thousands)

E1-10
NC6090-1 Calculation
Page 1 of 1
Application

<u>No.</u>	<u>Description</u>	<u>Amount</u>
1	<u>Impact to Rate Base</u>	
2	Adjustment to Rate Base to remove Unprotected EDIT	\$ 13,091 [1]
3	Adjustment to Rate Base to remove Unprotected EDIT Gross up	3,988 [1]
4	Total EDIT Adjustment - Working Capital	\$ 17,079
5		
6	Offsetting Impact in Accumulated Deferred Income Tax (-L3)	(3,988)
7		
8	Impacted to Rate Base (-L4 + L6)	13,091

[1] Provided by E&Y Tax accounting.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Normalize for Storm Costs
For the Test Period Ending December 31, 2021

E1-10
NC7010 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma adjusts operation and maintenance expenses and income taxes in the test period to normalize for storm costs.

The impact to operation and maintenance expense is determined by calculating an inflated average level of storm costs experienced by the Company over the last ten years and then subtracting storm restoration costs incurred during the test period to adjust for a normalized amount of costs.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Normalize for Storm Costs
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC7010 Summary
Page 1 of 1
Application

Line No	<u>Impacted Income Statement Line Items</u>	<u>Source</u>	<u>Total NC Retail Application</u>
1	Sales of Electricity		
2	Other Revenue		
3	Electric operating revenue (L1+L2)		\$ -
4			
5	Electric operating expenses:		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense	NC7010-1	\$ 24,527
10	Depreciation and amortization		
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC7010-1	\$ (5,674)
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ 18,853
17			
18	Operating income (L3-L16)		\$ (18,853)
		<u>Source</u>	<u>Total NC Retail Application</u>
19	<u>Rate Base</u>		
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital		\$ -
25	Accumulated deferred income taxes		\$ -
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ -

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Normalize for Storm Costs
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC7010-1 Storm Normal
Page 1 of 1
Application

Duke Energy Carolinas - Incremental System Storm Costs, less deferrals

Line	No.	Year	Incremental System Storm Costs [1]	Less: System Deferrals [9]	Incremental System Storm Costs less deferrals	CPI [3]	PPI [4] Finished goods less food & energy	PPI [5] Interm. materials less food & energy	Average PPI	CPI / PPI Avg	Inflated Average Amount
1	2013		11,714	-	11,714	233.0	185.1	193.8	189.4		14,540
2	2014		37,482	-	37,482	236.7	188.6	195.2	191.9	1.3%	45,835
3	2015		20,111	-	20,111	237.0	192.4	189.4	190.9	-0.5%	24,642
4	2016		48,652	-	48,652	240.0	195.3	186.9	191.1	0.1%	55,275
5	2017		43,339	-	43,339	245.1	198.9	193.3	196.1	2.6%	51,499
6	2018		245,121	(196,469)	48,652	251.1	203.4	201.8	202.6	3.3%	56,183
7	2019		20,833	-	20,833	255.7	207.9	201.1	204.5	0.9%	22,153
8	2020		77,567	(28,915)	48,652	258.8	210.3	198.9	204.6	0.0%	55,076
9	2021		39,583	-	39,583	268.0	215.9	225.6	220.7	7.9%	42,394
10	2022		91,182	(42,530)	48,652	281.1	227.6	254.7	241.1	9.2%	48,652
11	Total		\$ 635,585	\$ (267,914)	\$ 367,671						
12											\$ 41,625
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											

- [1] NC7010-2 - 10-year Incremental System Storm Costs - 2013 through 2022, Line 73
[3] NC2110-3 - Consumer Price Index - All Items, Annual Average Column
[4] NC2110-4 - Producer Price Index - Commodities - Finished goods less food and energy
[5] NC2110-5 - Producer Price Index - Commodities - Processed materials less food and energy
[6] Allocation Factor - All - Dist Plt OH - Jur
[7] Source: Cost of Service
[8] NC1010-4 2022 Calculation of Tax Rates, Line 10
[9] Deferred storms include Hurricanes Florence and Michael and Winter Storm Diego (2018), Hurricane Zeta (2020) and Winter Storm Izzy (2022)

DUKE ENERGY CAROLINAS, LLC
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Normalize for Storm Costs
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC7010-2 Historical Storms
Page 1 of 2
Application

10-year Incremental System Storm Costs - 2013 through 2022 [1][2]

Line No.	Storm Project #	Storm Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Grand Total
1	1301	January 17, 2013 Event	1,740	-	-	-	-	-	-	-	-	-	1,740
2	1302	January 30, 2013 Storm	2,111	-	-	-	-	-	-	-	-	-	2,111
3	1303	February 27, 2013 Event	909	-	-	-	-	-	-	-	-	-	909
4	1306	June 13, 2013 Thunderstorm	11,393	-	-	-	-	-	-	-	-	-	11,393
5	1307	July 17, 2013 Thunderstorm	1,582	-	-	-	-	-	-	-	-	-	1,582
6	1401	January 2014 Cold Storm	-	1,054	-	-	-	-	-	-	-	-	1,054
7	1404	February 2014 Ice	-	4,541	-	-	-	-	-	-	-	-	4,541
8	1405	March 2014 Ice / Snow	-	41,630	-	-	-	-	-	-	-	-	41,630
9	1406	March 2014 Wind	-	3,210	-	-	-	-	-	-	-	-	3,210
10	1407	June 2014 Thunderstorm	-	130	-	-	-	-	-	-	-	-	130
11	1410	November 2014 Carolinas West Storm	-	834	-	-	-	-	-	-	-	-	834
12	1501	2015 February Wind Event	-	-	2,596	-	-	-	-	-	-	-	2,596
13	1502	2015 February Ice Event	-	-	9,589	-	-	-	-	-	-	-	9,589
14	1503	2015 February Snow Event	-	-	5,730	-	-	-	-	-	-	-	5,730
15	1504	6/26 Thunderstorm	-	-	1,105	-	-	-	-	-	-	-	1,105
16	1506	7/18 Thunderstorm	-	-	1,579	-	-	-	-	-	-	-	1,579
17	1507	7/13 Thunderstorm	-	-	671	-	-	-	-	-	-	-	671
18	1509	2015 Hurricane Joaquin	-	-	7,932	-	-	-	-	-	-	-	7,932
19	1601	Jonas	-	-	-	31,407	-	-	-	-	-	-	31,407
20	1602	Feb 16, 2016 Ice	-	-	-	1,728	-	-	-	-	-	-	1,728
21	1603	Feb 23, 2016 Wind	-	-	-	9,879	-	-	-	-	-	-	9,879
22	1605	June 23, 2016 Thunderstorm	-	-	-	84	-	-	-	-	-	-	84
23	1606	June 29, 2016 Thunderstorm	-	-	-	709	-	-	-	-	-	-	709
24	1608	July 7, 2016 Thunderstorm	-	-	-	571	-	-	-	-	-	-	571
25	1609	July 8, 2016 Thunderstorm	-	-	-	11,576	-	-	-	-	-	-	11,576
26	1610	TS Hermine	-	-	-	57	-	-	-	-	-	-	57
27	1611	Hurricane Matthew	-	-	-	7,304	-	-	-	-	-	-	7,304
28	1701	1702 - Mar 1 Thunderstorm	-	-	-	-	2,526	-	-	-	-	-	2,526
29	1702	1705 - Apr 5 Thunderstorm	-	-	-	-	2,576	-	-	-	-	-	2,576
30	1703	1712 - Irma	-	-	-	-	23,436	-	-	-	-	-	23,436
31	1705	May 1, 2017 Thunderstorm	-	-	-	-	1,300	-	-	-	-	-	1,300
32	1706	1713 - Nate	-	-	-	-	1,329	-	-	-	-	-	1,329
33	1707	1714 - Oct 23 Wind	-	-	-	-	16,436	-	-	-	-	-	16,436
34	1709	Dec 8, 2017 Snow Storm	-	-	-	-	5,502	-	-	-	-	-	5,502
35	1712	January 6, 2017 Snow Storm - Helena	-	-	-	-	1,847	-	-	-	-	-	1,847
36	1713	1702 - Mar 1, 2017 Thunderstorm	-	-	-	-	0	-	-	-	-	-	0
37	1714	March 21, 2017 Storm	-	-	-	-	433	-	-	-	-	-	433
38	1715	April 24, 2017 Wind and Rain	-	-	-	-	1,343	-	-	-	-	-	1,343
39	1716	May 31, 2017 Storm	-	-	-	-	628	-	-	-	-	-	628
40	1802	1802 - Jan 17, 2018 Snow Storm	-	-	-	-	-	431	-	-	-	-	431

NC7010-2 Historical Storms
Page 1 of 2
E1-10

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Normalize for Storm Costs
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC7010-2 Historical Storms
Page 2 of 2
Application

10-year Incremental System Storm Costs - 2013 through 2022 [1][2]

Line No.	Storm Project #	Storm Description	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Grand Total
41	1803	1803 - March 2, 2018 Wind Event	-	-	-	-	-	3,409	-	-	-	-	3,409
42	1804	1804 - Apr 15, 2018 Wind Event	-	-	-	-	-	7,068	-	-	-	-	7,068
43	1805	1805 - June 1, 2018 Thunderstorms	-	-	-	-	-	2,050	-	-	-	-	2,050
44	1806	1806 - June 25, 2018 Thunderstorms	-	-	-	-	-	4,001	-	-	-	-	4,001
45	1810	1810 - Aug 8, 2018 Thunderstorms	-	-	-	-	-	2,193	-	-	-	-	2,193
46	1811	1811 - Hurricane Florence	-	-	-	-	-	95,955	-	-	-	-	95,955
47	1812	1812 - Hurricane Michael	-	-	-	-	-	86,854	-	-	-	-	86,854
48	1813	1813 - Nov 15, 2018 Ice Storm	-	-	-	-	-	1,859	-	-	-	-	1,859
49	1814	1814 - Nov 24, 2018 Ice Storm	-	-	-	-	-	3,454	-	-	-	-	3,454
50	1815	11815 - Winter Storm Diego	-	-	-	-	-	62,004	-	-	-	-	62,004
51	1901	January 12, 2019 Ice Event Gia	-	-	-	-	-	-	13,011	-	-	-	13,011
52	1903	February 19-20, 2019 - Winter Storm	-	-	-	-	-	-	40	-	-	-	40
53	1905	April 14, 2019 Thunderstorms	-	-	-	-	-	-	1,728	-	-	-	1,728
54	1906	April 19, 2019 Thunderstorms	-	-	-	-	-	-	2,148	-	-	-	2,148
55	1907	April 26, 2019 Thunderstorms	-	-	-	-	-	-	2,782	-	-	-	2,782
56	1911	June 20, 2019 Thunderstorms	-	-	-	-	-	-	470	-	-	-	470
57	1912	June 22, 2019 Thunderstorms	-	-	-	-	-	-	4,216	-	-	-	4,216
58	1916	Hurricane Dorian	-	-	-	-	-	-	756	-	-	-	756
59	1917	October 31 Thunderstorms	-	-	-	-	-	-	976	-	-	-	976
60	2001	January 11 Wind Event	-	-	-	-	-	-	-	5,861	-	-	5,861
61	2002	February 6 Wind Storm	-	-	-	-	-	-	-	16,643	-	-	16,643
62	2004	April 12 Wind Storm	-	-	-	-	-	-	-	15,355	-	-	15,355
63	2006	May 22 Wind Storm	-	-	-	-	-	-	-	5,825	-	-	5,825
64	2007	Hurricane Isaia	-	-	-	-	-	-	-	114	-	-	114
65	2009	Hurricane Zeta	-	-	-	-	-	-	-	50,544	-	-	50,544
66	2101	February 13 Winter Storm	-	-	-	-	-	-	-	-	10,488	-	10,488
67	2102	February 18 Winter Storm	-	-	-	-	-	-	-	-	30,160	-	30,160
68	2104	August 14, 2021 Storm	-	-	-	-	-	-	-	-	938	-	938
69	2105	Tropical Storm Fred	-	-	-	-	-	-	-	-	2,384	-	2,384
70	2201	January 3 Winter Storm	-	-	-	-	-	-	-	-	-	11,272	11,272
71	2202	January 16 Winter Storm Izzy	-	-	-	-	-	-	-	-	-	56,525	56,525
72	2205	May 6 Storm	-	-	-	-	-	-	-	-	-	474	474
73	2206	June 16 storm	-	-	-	-	-	-	-	-	-	3,898	3,898
74	2207	June 17 storm	-	-	-	-	-	-	-	-	-	12,441	12,441
75	2208	Hurricane Ian	-	-	-	-	-	-	-	-	-	11,921	11,921
76	Eliminate Non-Incremental Storm Costs [1]		(6,021)	(13,918)	(9,091)	(14,663)	(14,015)	(24,158)	(5,293)	(16,774)	(4,387)	(5,349)	(113,669)
77	TOTAL		\$ 11,714	\$ 37,482	\$ 20,111	\$ 48,652	\$ 43,339	\$ 245,121	\$ 20,833	\$ 77,567	\$ 39,583	\$ 91,182	\$ 635,585
			[1]	[1]	[1]	[1]	[1]	[2]	[3]	[4]	[5]	[5]	

- [1] Total incremental system costs for 2013 - 2017 per Compliance filing - Docket No. E-7 Sub 1214
[2] Total incremental system costs for 2018 as finalized per Docket E-7 Sub 1243 (North Carolina Storm Securitization)
[3] Total incremental system costs for 2019 per Docket No. E-7 Sub 1214
[4] Total incremental system costs for 2020 storms - Provided by Finance
[5] Total incremental system costs for 2021 - 2022 storms - Provided by Finance - represents best estimate of storm costs at time of filing

E1-10
NC7010-2 Historical Storms
Page 2 of 2

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust for Storm Securitization Deferrals
For the Test Period Ending December 31, 2021

E1-10
NC7040 Narrative
Application

E-1 Item 10 Adjustments Requirement

Provide the detail work papers showing calculations supporting all accounting, pro forma, end-of-period, and proposed rate adjustments in the rate application to revenue, expense, investment, and reserve accounts for the test year and a complete detailed narrative explanation of each adjustment, including the reason why each adjustment is required. Explain all components used in each calculation. Index each calculation to the accounting, pro forma, end-of-period, and proposed rate adjustment which it supports.

Detailed Narrative Explanation of Adjustment

This pro forma calculates the amortization expense and impacts to rate base related to the Servicing and Administration fee overcollection and the Upfront bond issuance costs overcollection as a result of the NC Storm Securitization docket.

The impact to income taxes is determined by multiplying taxable income by the statutory tax rate.

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust for Storm Securitization Deferrals
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC7040 Summary
Page 1 of 1
Application

Line No	<u>Impacted Income Statement Line Items</u>	Source	Total NC Retail Application
1	Sales of Electricity		
2	Other Revenue		-
3	Electric operating revenue (L1+L2)		\$ -
4			
5	<u>Electric operating expenses:</u>		
6	Operation and maintenance:		
7	Fuel used in electric generation		
8	Purchased power		
9	Other operation and maintenance expense		
10	Depreciation and amortization	NC7040-1	(246)
11	General taxes		
12	Interest on customer deposits		
13	EDIT Amortization		
14	Net income taxes	NC7040-1	\$ 57
15	Amortization of investment tax credit		
16	Total electric operating expenses (sum(L7:L15))		\$ (188)
17			
18	Operating income (L3-L16)		\$ 188
19	<u>Rate Base</u>		
20	Electric plant in service		\$ -
21	Accumulated depreciation and amortization		\$ -
22	Net electric plant in service (L20 + L21)		\$ -
23	Materials and supplies		\$ -
24	Total Working Capital	NC7040-1	\$ (492)
25	Accumulated deferred income taxes	NC7040-1	\$ 115
26	Operating reserves		\$ -
27	Construction Work in Progress		\$ -
28	Total Rate Base (sum(L22:L23,L24,L25:L27))		\$ (377)

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust for Storm Securitization Deferrals
For the Test Period Ending December 31, 2021
(Dollars in thousands)

E1-10
NC7040-1 Calculation
Page 1 of 1
Application

Line		Servicing & Admin Fee Overcollection	Upfront bond issuance costs Overcollection	Total
<u>No.</u>	<u>Description</u>			
1				
2	Projected Ending Balance - rates effective date	\$ (341) [1]	\$ (396) [2]	\$ (737)
3				
4	Balance for Amortization	\$ (341)	\$ (396)	\$ (737)
5				
6	Years to Amortize	3	3	3
7				
8	Impact to Depreciation and Amortization (L4/L16)	\$ (114)	\$ (132)	\$ (246)
9				
10				
11	Statutory tax rate	23.3503% [3]	23.3503% [3]	23.3503%
12				
13	Impact to income taxes (-L4 x L6)	\$ 27	\$ 31	\$ 57
14				
15	Impact to operating income (-L8 - L12)	\$ 87	\$ 101	\$ 188
16				
17	<u>Impact to Rate Base</u>			
18				
19	Securitization Deferral in Rate Base 12/31/2021	\$ - [4]	\$ - [5]	\$ -
20				
21	Projected Storm Securitization Deferral for Rate Base - at rates effective date (L2)	(341)	(396)	(737)
22	Less: one year amortization	114	132	246
23	Impact to Deferred balance (L22-L18)	\$ (228)	\$ (264)	\$ (492)
24				
25	Impact to accumulated deferred income tax (-L 24 x L10)	\$ 53	\$ 62	\$ 115
26				
27	Impact to Rate Base [L24+L26]	\$ (174)	\$ (202)	\$ (377)

[1] NC7040-2 - Overcollected Servicing and Administrative fees related to North Carolina storm securitization to be returned to customers - Line 26

[2] NC7040-3 - Overcollected upfront bond issuance costs in the North Carolina storm securitization to be returned to customers - Line 26

[3] NC1010-4 2022 Calculation of Tax Rates, Line 10

[4] Account 0254056 balance not included in rate base in December 31, 2021 Cost of Service

[5] Account 0254052 balance not included in rate base in December 31, 2021 Cost of Service

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust for Storm Securitization Deferrals
For the Test Period Ending December 31, 2021

E1-10
NC7040-2 S & A Costs
Page 1 of 1
Application

Over collected Servicing and Administrative fees related to North Carolina storm securitization to be returned to customers.

Line No.	Month and Year	Administrative Fee Paid [1]	Servicing Fee Paid [2]	Incremental costs to Utility [3]	After-Tax Ret on Def Costs-Debt	After-Tax Ret on Def Costs-Equity	Total Def Amount	Cumulative Balance
		A	B	C	D	E	F = A+B+C+D+E	G = PM balance +F
1	Dec-21	(4,167)	(12,023)	2,488	(9)	(28)	(13,739)	(13,739)
2	Jan-22	(4,167)	(10,073)	1,843	(26)	(83)	(12,506)	(26,246)
3	Feb-22	(4,167)	(9,098)	1,663	(42)	(133)	(11,777)	(38,023)
4	Mar-22	(9,375)	(10,073)	1,867	(61)	(195)	(17,837)	(55,860)
5	Apr-22	(9,375)	(9,748)	1,088	(85)	(270)	(18,391)	(74,250)
6	May-22	(9,375)	(10,073)	3,041	(108)	(343)	(16,858)	(91,108)
7	Jun-22	(9,375)	(10,073)	7,453	(127)	(404)	(12,526)	(103,634)
8	Jul-22	(9,375)	(10,073)	3,041	(146)	(465)	(17,019)	(120,653)
9	Aug-22	(9,375)	(10,073)	3,041	(169)	(536)	(17,112)	(137,765)
10	Sep-22	(9,375)	(10,073)	3,041	(191)	(607)	(17,205)	(154,970)
11	Oct-22	(9,375)	(10,073)	3,041	(214)	(679)	(17,299)	(172,269)
12	Nov-22	(9,375)	(10,073)	3,041	(236)	(751)	(17,394)	(189,663)
13	Dec-22	(9,375)	(10,073)	3,041	(259)	(823)	(17,489)	(207,152)
14	Jan-23	(9,375)	(10,073)	3,041	(282)	(896)	(17,585)	(224,737)
15	Feb-23	(9,375)	(10,073)	3,041	(305)	(969)	(17,681)	(242,418)
16	Mar-23	(9,375)	(10,073)	3,041	(328)	(1,043)	(17,778)	(260,196)
17	Apr-23	(9,375)	(10,073)	3,041	(351)	(1,117)	(17,875)	(278,070)
18	May-23	(9,375)	(10,073)	3,041	(375)	(1,191)	(17,973)	(296,043)
19	Jun-23	(9,375)	(10,073)	3,041	(398)	(1,266)	(18,071)	(314,114)
20	Jul-23	(9,375)	(10,073)	3,041	(422)	(1,341)	(18,170)	(332,284)
21	Aug-23				(435)	(1,382)	(1,817)	(334,101)
22	Sep-23				(437)	(1,390)	(1,827)	(335,928)
23	Oct-23				(440)	(1,397)	(1,837)	(337,766)
24	Nov-23				(442)	(1,405)	(1,847)	(339,613)
25	Dec-23				(445)	(1,413)	(1,857)	(341,470)
26	Total Costs Through December 2023	\$ (171,875)	\$ (202,116)	\$ 58,981	\$ (6,334)	\$ (20,127)	\$ (341,470)	

Docket No. E-7 Sub 1214

Description	Capital Structure	Cost Rates	Weighted Rates		
				Pre-Tax	After-Tax
Long-Term Debt	48.0000%	4.2700%	2.0496%	2.0496%	1.5710%
Common Equity	52.0000%	9.6000%	4.9920%	6.5127%	4.9920%
Total			7.0416%	8.5623%	6.5630%

Effective State and Federal Income Tax Rate

23.3503% [2]

[1] Provided by DEC Accounting. Represents the annual administrative fee approved in the NC storm securitization Docket No. E-7 Sub 1243. It is due June 30 of each calendar year.

[2] Provided by DEC Accounting. Represents the servicing fee approved in the NC storm securitization Docket No. E-7 Sub 1243. Semi-annual payments are due June 30 and December 31 of each calendar year.

[3] Provided by DEC Accounting. Represents the incremental cost to the utility to administer and service the storm securitization bonds.

[2] NC1010-4 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
Adjust for Storm Securitization Deferrals
For the Test Period Ending December 31, 2021

E1-10
NC7040-3 Upfront Costs
Page 1 of 1
Application

Over collected upfront bond issuance costs in the North Carolina storm securitization to be returned to customers

Line No.	Month and Year	Def Upfront Fees [1]	After-Tax Ret on Def Costs-Debt	After-Tax Ret on Def Costs-Equity	Total Def Amount	Cumulative Balance
1	Dec-21	(346,335)	(227)	(720)	(347,282)	(347,282)
2	Jan-22	-	(455)	(1,445)	(1,899)	(349,182)
3	Feb-22	-	(457)	(1,453)	(1,910)	(351,091)
4	Mar-22	-	(460)	(1,461)	(1,920)	(353,011)
5	Apr-22	-	(462)	(1,469)	(1,931)	(354,942)
6	May-22	-	(465)	(1,477)	(1,941)	(356,883)
7	Jun-22	-	(467)	(1,485)	(1,952)	(358,835)
8	Jul-22	-	(470)	(1,493)	(1,963)	(360,798)
9	Aug-22	-	(472)	(1,501)	(1,973)	(362,771)
10	Sep-22	-	(475)	(1,509)	(1,984)	(364,755)
11	Oct-22	-	(478)	(1,517)	(1,995)	(366,750)
12	Nov-22	-	(480)	(1,526)	(2,006)	(368,756)
13	Dec-22	-	(483)	(1,534)	(2,017)	(370,773)
14	Jan-23	-	(485)	(1,542)	(2,028)	(372,800)
15	Feb-23	-	(488)	(1,551)	(2,039)	(374,839)
16	Mar-23	-	(491)	(1,559)	(2,050)	(376,889)
17	Apr-23	-	(493)	(1,568)	(2,061)	(378,951)
18	May-23	-	(496)	(1,576)	(2,073)	(381,023)
19	Jun-23	-	(499)	(1,585)	(2,084)	(383,107)
20	Jul-23	-	(502)	(1,594)	(2,095)	(385,202)
21	Aug-23	-	(504)	(1,602)	(2,107)	(387,309)
22	Sep-23	-	(507)	(1,611)	(2,118)	(389,427)
23	Oct-23	-	(510)	(1,620)	(2,130)	(391,557)
24	Nov-23	-	(513)	(1,629)	(2,141)	(393,699)
25	Dec-23	-	(515)	(1,638)	(2,153)	(395,852)
26	Total Costs Through December 2023	\$ (346,335)	\$ (11,853)	\$ (37,664)	\$ (395,852)	

Docket No. E-7 Sub 1214

Description	Capital Structure	Cost Rates	Weighted Rates		
				Pre-Tax	After-Tax
Long-Term Debt	48.00%	4.27%	2.05%	2.0496%	1.5710%
Common Equity	52.00%	9.60%	4.99%	6.5127%	4.9920%
Total		13.87%	7.04%	8.5623%	6.5630%

Effective State and Federal Income Tax Rate

23.3503% [2]

[1] Represents the over collected upfront bond issuance costs in the North Carolina storm securitization

[2] NC1010-4 2022 Calculation of Tax Rates, Line 10

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 11

☐ **CONFIDENTIAL**

☒ **NOT CONFIDENTIAL**

Request:

Provide a schedule showing a comparison of the total company balance in other electric revenue accounts for each month's activity for the test year and the twelve months preceding the test year for each account and subaccount in the applicant's chart of accounts that requires allocation to North Carolina retail operations. See Format 12a.

Response:

Please see attached file 'DEC NC E1-11 Other Electric Revenue.xlsx'.

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
OTHER ELECTRIC REVENUES

			January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date
0450100 - Late Pmt and Forf Disc	0450100	2021	322,656	315,183	343,434	67	(1)	139,469	402,311	529,669	530,321	485,759	499,680	436,350	4,004,899
	0450100	2020	1,762,806	1,438,449	1,098,305	4,799	3,107	(84)	2	(64)	350	34,380	312,959	313,019	4,968,028
		Increase/(Decrease)	(1,440,150)	(1,123,266)	(754,872)	(4,732)	(3,108)	139,553	402,309	529,733	529,971	451,380	186,721	123,331	(963,129)
0450200 - Charge on Returned Checks	0450200	2021	79,232	65,400	48,565	11,310	20,540	23,605	24,855	26,285	24,995	19,580	23,250	29,218	396,835
	0450200	2020	83,310	70,457	44,352	(1,165)	(275)	(35)	(25)	-	(34)	52,607	66,464	80,515	396,172
		Increase/(Decrease)	(4,078)	(5,057)	4,213	12,475	20,815	23,640	24,880	26,285	25,029	(33,027)	(43,214)	(51,297)	663
0451100 - Misc Service Revenue	0451100	2021	1,410,157	1,355,056	195,245	753,558	516,858	(551,766)	420,318	488,058	(632,470)	698,395	530,979	(686,239)	4,498,148
	0451100	2020	1,473,896	1,450,246	545,796	1,155,775	1,218,030	728,985	1,711,144	1,712,977	241,404	1,370,588	1,424,985	388,177	13,422,002
		Increase/(Decrease)	(63,739)	(95,190)	(350,552)	(402,216)	(701,172)	(1,280,751)	(1,290,826)	(1,224,919)	(873,874)	(672,193)	(894,006)	(1,074,416)	(8,923,855)
0451200 - Generation Application Fee	0451200	2021	(1,029)	5,220	(3,328)	(992)	(2,940)	(2,366)	(1,796)	(1,212)	(467)	(149)	(86)	(87)	(9,234)
	0451200	2020	(265)	(130)	(117)	(387)	(649)	(176)	(7,158)	(363)	(2,320)	(2,316)	(1,064)	(44)	(14,990)
		Increase/(Decrease)	(764)	5,350	(3,211)	(605)	(2,291)	(2,191)	5,363	(848)	1,853	2,166	979	(43)	5,757
0454004 - Rent - Joint Use	0454004	2021	95,238	59,355	113,461	173,221	118,035	128,996	59,321	70,478	105,031	153,195	811,661	103,181	1,991,172
	0454004	2020	201,290	112,465	69,176	179,446	112,468	147,271	83,317	110,064	157,589	66,654	127,680	64,027	1,431,448
		Increase/(Decrease)	(106,052)	(53,111)	44,284	(6,226)	5,566	(18,274)	(23,996)	(39,585)	(52,558)	86,541	683,980	39,154	559,724
0454100 - Extra - Facilities	0454100	2021	3,248,878	2,119,681	1,346,288	2,023,026	2,430,445	2,110,609	2,427,323	3,545,823	2,277,165	2,126,868	1,495,582	2,413,228	27,564,916
	0454100	2020	2,090,236	2,211,662	2,231,153	2,159,418	2,217,469	2,379,018	2,246,026	2,299,988	2,409,883	2,264,914	3,278,509	1,436,939	27,225,216
		Increase/(Decrease)	1,158,642	(91,981)	(884,866)	(136,391)	212,976	(268,409)	181,296	1,245,836	(132,718)	(138,046)	(1,782,927)	976,289	339,700
0454105 - IC Other Elec Rents	0454105	2021	1,095,628	1,095,628	1,095,628	1,096,049	1,096,049	1,096,049	1,096,405	1,096,405	1,096,405	1,096,405	1,478,918	1,479,329	13,918,898
	0454105	2020	-	-	-	-	-	-	-	-	-	8,403	2,299	4,946	17,947
		Increase/(Decrease)	1,095,628	1,095,628	1,095,628	1,096,049	1,096,049	1,096,049	1,096,405	1,096,405	1,088,003	1,094,106	1,476,619	1,474,383	13,900,951
0454110 - Inter - Connection - Cogeneration	0454110	2021	190,414	194,429	240,885	157,320	230,448	258,399	221,047	211,422	245,162	254,105	257,519	(176,938)	2,284,213
	0454110	2020	193,266	184,264	180,185	182,212	186,496	173,455	178,051	195,531	178,631	186,323	181,622	184,679	2,204,716
		Increase/(Decrease)	(2,852)	10,165	60,700	(24,892)	43,952	84,944	42,996	15,891	66,531	67,781	75,898	(361,617)	79,496
0454200 - Pole and Line Attachments	0454200	2021	2,837,912	2,864,498	2,803,329	2,786,225	2,795,230	513,128	5,128,690	2,847,147	2,828,629	2,847,147	2,912,942	4,495,223	35,660,100
	0454200	2020	2,885,938	2,839,371	2,873,617	2,848,819	2,972,092	2,862,941	4,004,085	2,761,329	2,484,926	2,618,123	2,602,489	5,070,352	36,824,081
		Increase/(Decrease)	(48,026)	25,127	(70,287)	(62,594)	(176,862)	(2,349,812)	1,124,606	85,818	343,703	229,025	310,453	(575,129)	(1,163,982)
0454300 - Tower Lease Revenues	0454300	2021	635,994	658,131	660,539	662,842	646,255	656,349	652,248	658,432	667,704	668,258	668,501	675,594	7,910,849
	0454300	2020	640,429	657,451	642,689	639,202	632,909	651,774	639,332	639,890	644,512	644,578	638,210	661,930	7,732,904
		Increase/(Decrease)	(4,435)	681	17,851	23,640	13,346	4,575	12,917	18,543	23,192	23,680	30,291	13,664	177,944
0454400 - Other Electric Rents	0454400	2021	216,698	246,649	249,609	437,669	369,719	547,007	393,005	591,299	558,763	388,977	405,024	556,153	4,960,573
	0454400	2020	221,341	211,781	228,254	302,781	217,180	224,829	383,982	286,328	398,235	246,159	570,992	455,563	3,747,424
		Increase/(Decrease)	(4,643)	34,868	21,355	134,888	152,539	322,179	9,024	304,971	160,528	142,818	(165,968)	100,591	1,213,149
0454500 - Leased Facilities Fee - Catawba	0454500	2021	55,579	54,814	54,814	54,814	54,814	54,649	54,649	54,649	54,649	54,649	54,649	54,649	657,378
	0454500	2020	57,285	54,822	54,822	54,822	54,822	54,822	54,802	54,996	54,814	54,814	54,814	54,814	660,449
		Increase/(Decrease)	(1,705)	(9)	(9)	(9)	(9)	(173)	(153)	(347)	(164)	(164)	(164)	(164)	(3,070)
0454510 - Rtn & Dep-Joint-Owner Gen Plt	0454510	2021	1,362,809	1,263,806	1,263,806	1,263,806	1,263,806	794,123	1,263,806	1,263,806	1,263,806	1,263,806	1,263,806	1,263,806	14,794,991
	0454510	2020	1,376,895	1,362,809	1,362,809	1,362,809	1,362,809	5,734	1,362,809	1,362,809	1,362,809	1,362,809	1,362,809	1,362,809	15,010,720
		Increase/(Decrease)	(14,086)	(99,003)	(99,003)	(99,003)	(99,003)	788,389	(99,003)	(99,003)	(99,003)	(99,003)	(99,003)	(99,003)	(215,730)
0456000 - Other Variable Revenues	0456000	2021	-	-	-	-	50	-	-	-	-	-	-	-	50
	0456000	2020	-	-	-	-	-	-	1,600	1,800	50	1,000	-	4,050	8,500
		Increase/(Decrease)	-	-	-	-	50	-	(1,600)	(1,800)	(50)	(1,000)	-	(4,050)	(8,450)
0456001 - Other Variable Revenues-Reg	0456001	2021	5,400	5,400	5,400	4,500	4,900	4,900	33,678	5,900	6,900	900	4,400	3,900	86,178
	0456001	2020	13,200	4,400	(250)	3,900	(6,550)	11,251	10,270	4,450	4,400	4,400	5,084	5,950	60,505
		Increase/(Decrease)	(7,800)	1,000	5,650	600	11,450	(6,351)	23,408	1,450	2,500	(3,500)	(684)	(2,050)	25,673
0456016 - I/C Joint Disp - Trans NW Rev	0456016	2021	(1,681)	(1,620)	(4,028)	(2,024)	(3,586)	(3,865)	(5,556)	(5,725)	(22,857)	(4,237)	13,206	31,108	(10,864)
	0456016	2020	(464)	(222)	(127)	(267)	(599)	(744)	(962)	(872)	(1,023)	(450)	(2,099)	(8,629)	(8,629)
		Increase/(Decrease)	(1,217)	(1,398)	(3,901)	(1,757)	(2,986)	(3,121)	(4,594)	(4,854)	(21,834)	(3,787)	14,008	33,207	(2,235)
0456050 - Transmission Study Revenue	0456050	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	0456050	2020	-	10,984	660	2,109	3,765	(17,519)	-	-	-	-	-	320,000	320,000
		Increase/(Decrease)	-	(10,984)	(660)	(2,109)	(3,765)	17,519	-	-	-	-	-	(320,000)	(320,000)
0456100 - Profit Or Loss on Sale of M&S	0456100	2021	-	-	-	-	17,473	4,314	-	-	-	-	-	-	21,787
	0456100	2020	-	-	-	-	-	-	-	-	-	58,186	-	-	58,186
		Increase/(Decrease)	-	-	-	-	17,473	4,314	-	-	-	(58,186)	-	-	(36,399)

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
OTHER ELECTRIC REVENUES

			January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date
0456102 - Distribution Charge - Network	0456102	2021	365,976	365,125	364,234	364,234	363,363	363,363	244,483	485,377	366,497	237,329	376,807	488,018	4,384,808
	0456102	2020	315,897	379,024	347,460	347,460	377,436	377,436	377,157	369,071	369,091	370,221	370,643	370,221	4,371,117
		Increase/(Decrease)	50,080	(13,899)	16,774	16,774	(14,073)	(14,073)	(132,674)	116,306	(2,594)	(132,892)	6,586	117,375	13,691
0456103 - Metering - Network	0456103	2021	5,045	5,045	5,045	5,045	5,045	5,045	5,045	5,045	5,045	5,019	5,070	5,045	60,535
	0456103	2020	5,045	5,045	5,045	5,045	5,045	5,045	5,045	5,045	5,045	5,045	5,045	5,045	60,535
		Increase/(Decrease)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(25)	25	-	(0)
0456104 - Transmission Charge Network	0456104	2021	5,189,969	5,201,162	5,454,339	5,205,738	5,214,351	5,935,017	6,830,544	5,155,077	5,871,492	5,803,607	5,917,647	5,382,825	67,161,771
	0456104	2020	4,734,976	5,838,413	5,027,422	5,303,104	5,298,431	3,952,693	5,944,100	5,097,812	5,111,193	5,102,970	5,058,147	5,500,638	61,969,897
		Increase/(Decrease)	454,993	(637,251)	426,917	(97,365)	(84,079)	1,982,324	886,445	57,265	760,299	700,637	859,501	(117,813)	5,191,874
0456105 - Sched, Sys Cntl, Disp-Network	0456105	2021	188,224	207,574	207,583	208,089	208,033	282,661	224,988	337,378	279,489	220,906	280,974	333,603	2,979,503
	0456105	2020	222,730	276,319	250,405	250,321	250,094	201,131	202,685	203,395	204,463	203,818	204,214	225,466	2,695,042
		Increase/(Decrease)	(34,506)	(68,745)	(42,822)	(42,232)	(42,061)	81,531	22,304	133,983	75,025	17,088	76,760	108,136	284,461
0456106 - Reactive Pur/Volt Cntl Svc	0456106	2021	363,558	366,147	388,025	377,642	369,247	352,754	363,461	414,898	309,600	327,465	366,747	373,104	4,372,648
	0456106	2020	298,904	374,777	327,819	335,860	338,387	345,963	349,137	353,124	363,903	373,196	361,082	360,248	4,182,400
		Increase/(Decrease)	64,654	(8,629)	60,206	41,782	30,860	6,791	14,324	61,773	(54,302)	(45,732)	5,665	12,856	190,248
0456107 - Regulation/Frequency Response	0456107	2021	51,145	51,378	51,401	51,293	51,139	51,107	51,031	50,974	50,704	50,616	50,671	50,031	611,491
	0456107	2020	49,067	49,136	49,100	49,244	49,283	49,619	49,906	50,071	50,365	50,252	50,996	59,335	597,335
		Increase/(Decrease)	2,078	2,242	2,302	2,049	1,856	1,488	1,126	904	339	318	420	(965)	14,156
0456108 - Op Res - Spinning Reserve	0456108	2021	129,135	129,580	129,613	129,330	128,731	128,565	114,409	142,102	127,698	113,493	127,452	139,664	1,539,770
	0456108	2020	118,357	127,081	122,866	123,264	123,683	124,544	125,244	125,737	126,451	126,827	126,987	128,701	1,499,743
		Increase/(Decrease)	10,778	2,499	6,747	6,066	5,048	4,020	(10,835)	16,364	1,246	(13,335)	465	10,963	40,028
0456109 - Op Res - Supplemental Reserve	0456109	2021	129,135	129,580	129,613	129,330	128,731	128,565	114,409	142,102	127,698	113,493	127,452	139,664	1,539,770
	0456109	2020	118,357	127,081	122,866	123,264	123,683	124,544	125,244	125,737	126,451	126,827	126,987	128,701	1,499,743
		Increase/(Decrease)	10,778	2,499	6,747	6,066	5,048	4,020	(10,835)	16,364	1,246	(13,335)	465	10,963	40,028
0456110 - Transmission Charge Ptp	0456110	2021	2,222,388	2,107,865	2,161,572	1,809,662	2,066,396	2,580,418	2,729,416	2,759,838	3,003,668	3,558,793	3,046,309	4,083,747	32,130,071
	0456110	2020	2,119,335	2,088,744	1,948,519	1,834,018	1,404,608	1,977,170	1,818,456	1,670,514	2,505,174	1,815,247	2,225,818	2,227,408	23,635,011
		Increase/(Decrease)	103,053	19,121	213,053	(24,356)	661,788	603,248	910,960	1,089,324	498,494	1,743,546	820,491	1,856,338	8,495,060
0456111 - Other Transmission Revenues	0456111	2021	132,149	132,149	132,149	45,602	212,346	125,799	125,793	119,445	125,809	125,799	125,787	132,149	1,534,975
	0456111	2020	144,849	144,878	144,849	138,499	138,499	132,149	132,149	125,799	125,799	125,799	125,799	132,149	1,604,866
		Increase/(Decrease)	(12,700)	(12,729)	(12,700)	(92,897)	73,847	(6,350)	(6,356)	(6,354)	11	-	(12)	6,350	(69,890)
0456300 - Comp For Serv Oth JointOwner	0456300	2021	1,281,556	1,247,955	(9,164)	1,860,620	587,695	(4,964,796)	-	-	855,613	(855,613)	-	-	3,867
	0456300	2020	1,416,600	1,256,835	1,210,142	1,199,476	1,610,862	1,596,921	1,343,300	1,252,690	1,192,063	1,160,582	1,079,666	1,321,638	15,640,774
		Increase/(Decrease)	(135,043)	(8,879)	(1,219,305)	661,144	(1,023,167)	(6,561,718)	(1,343,300)	(1,252,690)	(336,449)	(2,016,195)	(1,079,666)	(1,321,638)	(15,636,907)
0456392 - Jobs Retention Rider	0456392	2021	2,042,104	1,661,227	1,487,806	1,494,162	1,336,293	1,042,342	-	106,548	375,858	-	-	409	9,546,749
	0456392	2020	-	-	(2,682)	-	-	639,768	1,897,351	2,004,648	1,814,751	1,468,736	1,681,390	1,452,847	10,956,809
		Increase/(Decrease)	2,042,104	1,661,227	1,490,488	1,494,162	1,336,293	402,574	(1,897,351)	(1,898,100)	(1,438,893)	(1,468,736)	(1,681,390)	(1,452,438)	(1,410,060)
0456528 - Lincoln CT Siemens Billing	0456528	2021	15,316	30,425	23,138	21,825	14,271	11,368	14,754	8,869	11,482	25,589	30,735	39,124	246,896
	0456528	2020	-	-	-	-	-	13,526	10,955	11,497	8,013	4,596	12,480	13,953	75,020
		Increase/(Decrease)	15,316	30,425	23,138	21,825	14,271	(2,159)	3,799	(2,628)	3,469	20,993	18,256	25,171	171,876
0456540 - Wholesale Unbilled Fuel Clause	0456540	2021	(569,740)	2,694,212	(531,897)	(1,786,971)	578,391	1,227,549	3,329,377	3,861,132	910,202	3,329,811	8,072,868	(21,114,934)	-
	0456540	2020	(854,829)	(2,656,396)	(2,278,822)	(2,012,541)	(1,071,092)	284,966	1,725,220	1,174,378	(1,786,621)	(549,983)	(2,663,459)	10,689,179	-
		Increase/(Decrease)	285,089	5,350,608	1,746,925	225,570	1,649,483	942,583	1,604,157	2,686,754	2,696,823	3,879,794	10,736,327	(31,804,113)	-
0456560 - NC EE Deferred Revenue	0456560	2021	(12,344,295)	(7,761,820)	(8,410,042)	(3,993,176)	(2,823,845)	(6,536,135)	(8,950,780)	(7,318,711)	(9,651,731)	(546,430)	(2,197,094)	(4,241,546)	(74,775,604)
	0456560	2020	(3,539,172)	(5,489,001)	(2,251,430)	(1,466,697)	(1,198,137)	(3,240,558)	(6,026,313)	(1,589,685)	(5,917,780)	(5,185,799)	(8,104,903)	(5,710,185)	(47,319,661)
		Increase/(Decrease)	(8,805,123)	(2,272,819)	(6,158,612)	(2,526,478)	(1,625,708)	(3,295,577)	(2,924,467)	(5,729,025)	(3,733,951)	2,239,369	5,907,809	1,468,638	(27,455,943)
0456570 - SC EE Deferred Revenue	0456570	2021	(3,073,935)	(1,323,687)	(1,022,639)	120,476	430,578	(1,188,674)	(2,013,942)	(1,585,444)	(1,551,719)	128,980	312,775	(201,940)	(10,969,171)
	0456570	2020	(1,916,032)	(1,107,784)	(365,314)	5,755	116,424	(789,653)	(1,772,414)	(1,808,107)	(1,190,763)	178,784	(920,100)	(641,431)	(10,210,635)
		Increase/(Decrease)	(1,157,903)	(215,903)	(657,325)	114,721	314,155	(399,021)	(241,528)	222,663	(360,956)	(49,804)	1,232,874	439,491	(758,536)
0456610 - Other Electric Revenues	0456610	2021	208,864	235,153	237,445	245,565	164,857	179,967	174,343	148,282	175,703	109,114	116,837	179,825	2,175,954
	0456610	2020	(792,250)	193,305	119,109	1,156,264	140,722	146,340	131,793	219,959	229,575	269,045	177,592	338,396	2,329,848
		Increase/(Decrease)	1,001,114	41,848	118,337	(910,699)	24,135	33,627	42,550	(71,677)	(53,872)	(159,931)	(60,755)	(158,572)	(153,895)
0456630 - Gross Up - Contr in Aid of Const	0456630	2021	71,381	79,740	196,541	179,361	77,282	124,789	88,810	190,705	96,539	87,274	129,428	110,115	1,431,963
	0456630	2020	140,283	(79,904)	(50,936)	(74,755)	14,372	98,984	77,473	216,275	82,189	100,480	55,186	137,056	716,702
		Increase/(Decrease)	(68,902)	159,644	247,477	254,116	62,910	25,804	11,337	(25,570)	14,350	(13,206)	74,242	(26,941)	715,260

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
OTHER ELECTRIC REVENUES

			January	February	March	April	May	June	July	August	September	October	November	December	Year-to-Date
0456640 - Deferred Dsm Costs - Nc	0456640	2021	(181,555)	(93,294)	(53,367)	(43,860)	170,330	(20,183)	(1,285)	(95,687)	(64,354)	-	(407,890)	133,849	(657,296)
	0456640	2020	171,224	214,724	200,677	178,185	95,880	(212,877)	(19,601)	(102,877)	(59,044)	(114,111)	(31,464)	(62,482)	258,235
		Increase/(Decrease)	(352,779)	(308,018)	(254,044)	(222,044)	74,450	192,694	18,315	7,190	(5,310)	114,111	(376,427)	196,331	(915,531)
0456700 - Steam Sales Revenue	0456700	2021	136,894	136,894	136,894	-	136,894	273,788	136,894	136,894	136,894	136,894	136,894	136,894	1,642,725
	0456700	2020	-	-	-	-	-	-	-	136,894	136,894	136,894	136,894	136,894	684,469
		Increase/(Decrease)	136,894	136,894	136,894	-	136,894	273,788	136,894	-	-	-	-	-	958,256
0456949 - Other Revenue Affiliate	0456949	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	0456949	2020	1,073,316	1,073,316	1,073,316	1,073,316	1,073,316	1,073,316	1,073,316	1,073,316	1,073,316	1,073,316	1,191,303	1,191,303	13,115,766
		Increase/(Decrease)	(1,073,316)	(1,073,316)	(1,073,316)	(1,073,316)	(1,073,316)	(1,073,316)	(1,073,316)	(1,073,316)	(1,073,316)	(1,073,316)	(1,191,303)	(1,191,303)	(13,115,766)
Total Other Electric Revenue		2021	7,917,199	15,904,040	9,491,934	15,845,360	18,978,221	5,876,909	15,752,054	16,447,260	10,565,921	23,025,795	27,039,502	(3,151,881)	163,692,312
Total Other Electric Revenue		2020	14,825,820	13,424,402	15,331,735	17,463,355	17,864,567	14,122,551	18,237,475	20,144,154	12,513,155	18,207,856	11,896,187	28,396,440	202,427,697
		Increase/(Decrease)	(6,908,622)	2,479,637	(5,839,801)	(1,617,995)	1,113,653	(8,245,642)	(2,485,421)	(3,696,894)	(1,947,234)	4,817,939	15,143,315	(31,548,321)	(38,735,384)

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 12

☐ **CONFIDENTIAL**

☒ **NOT CONFIDENTIAL**

Request:

- a. Provide a schedule showing a comparison of the balance in the total company electric operating expense accounts for each month's activity for the test year to the same month of the preceding year for each account and subaccount included in the applicant's chart of accounts. See Format 12a.
- b. Provide a schedule in comparative form showing the total company operating expense account balances for the test year and each of the five years preceding the test year for each account included in the applicant's annual report (FERC Form 1.. Pages 320 - 326). If the test year is a noncalendar year, monthly data for the preceding year should match each month of the test year for comparison purposes. Show the percentage of increase of each year over the prior year.
- c. Provide a schedule of total company salaries and wages for the test year and each of the preceding five calendar years. Also, provide the total number of electric employees by month for the test year. See Format 12c.

Response:

Please see attached file 'DEC NC E1-11 Other Electric Revenue.xlsx'.
See the attached files for each part.

- "DEC NC E1-12(a) Operating Expense Comparison by Month.xlsx"
- "DEC NC E1-12(b) Operating Expense Comparison.xlsx"
- "DEC NC E1-12(c) Salaries & Wages Comparison.xlsx"

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0501007 - Beneficial Reuse - Coal Ash	050100:	2021	1,035,440	275,997	130,858	515,602	183,048	266,304	171,369	102,820	260,008	23,618	(893,054)	584,791	2,656,802
	050100:	2020	-	-	-	-	-	-	-	-	-	(55,318)	(274,183)	250,583	(78,919)
	Increase/(Decrease)		1,035,440	275,997	130,858	515,602	183,048	266,304	171,369	102,820	260,008	78,936	(618,870)	334,208	2,735,721
0501008 - Contra fuel Exp BR Ash - SC	050100:	2021	(240,636)	(64,142)	(30,411)	(115,225)	(42,110)	(61,263)	(44,598)	(31,499)	(70,592)	(18,440)	193,164	(144,513)	(670,266)
	050100:	2020	-	-	-	-	-	-	-	-	-	-	120,901	(102,560)	18,341
	Increase/(Decrease)		(240,636)	(64,142)	(30,411)	(115,225)	(42,110)	(61,263)	(44,598)	(31,499)	(70,592)	(18,440)	72,263	(41,953)	(688,607)
0501009 - Contra Fuel Exp BR Ash - W/S	050100:	2021	(88,925)	97,440	3,393	(156)	3,536	4,496	3,132	1,746	(3,392)	(3,567)	1,738	(828)	18,614
	050100:	2020	-	-	-	-	-	-	-	-	-	-	44,542	(173,737)	(129,195)
	Increase/(Decrease)		(88,925)	97,440	3,393	(156)	3,536	4,496	3,132	1,746	(3,392)	(3,567)	(42,804)	172,909	147,809
0501110 - Coal Consumed - Fossil Steam	050111:	2021	47,447,949	54,614,168	32,423,455	43,110,993	42,477,084	42,879,038	37,546,927	54,243,642	36,151,084	17,196,016	10,615,473	9,829,322	428,535,150
	050111:	2020	38,744,663	19,231,098	21,496,632	27,237,989	24,557,566	63,874,781	82,616,418	89,396,088	41,508,695	26,854,371	31,791,711	42,109,238	509,419,250
	Increase/(Decrease)		8,703,287	35,383,070	10,926,823	15,873,004	17,919,517	(20,995,744)	(45,069,491)	(35,152,445)	(5,357,611)	(9,658,355)	(21,176,238)	(32,279,916)	(80,884,100)
0501310 - Oil Consumed - Fossil Steam	050131:	2021	140,677	201,077	256,280	71,249	26,429	131,644	153,164	59,814	42,196	12,606	82,916	86,054	1,264,107
	050131:	2020	328,378	230,136	192,333	238,622	376,056	466,338	279,334	555,334	179,274	101,939	126,067	181,852	3,355,663
	Increase/(Decrease)		(187,701)	(29,059)	63,947	(167,372)	(349,627)	(334,695)	(126,169)	(595,519)	(137,079)	(89,334)	(43,151)	(95,798)	(2,091,556)
0501330 - Oil Light - Off - Fossil Steam	050133:	2021	52,579	25,484	36,872	66,955	116,841	101,955	84,855	254,326	153,524	128,981	86,422	10,457	1,119,252
	050133:	2020	343,924	576,042	235,063	47,558	627,660	238,812	199,271	170,126	169,406	296,937	77,497	305,196	3,287,490
	Increase/(Decrease)		(291,345)	(550,557)	(198,191)	19,397	(510,819)	(136,856)	(114,416)	84,201	(15,883)	(167,956)	8,925	(294,739)	(2,168,238)
0501996 - Fuel Expense	050199:	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	050199:	2020	157	-	-	(127)	-	(30)	-	-	65	(65)	-	-	-
	Increase/(Decrease)		(157)	-	-	127	-	30	-	-	(65)	65	-	-	-
0509000 - Emission Allowances	050900:	2021	229	228	276	148	183	197	323	294	384	273	138	-	2,675
	050900:	2020	221	182	63	722	73	83	437	536	550	209	101	147	3,324
	Increase/(Decrease)		8	46	214	(574)	110	114	(115)	(241)	(166)	64	37	(147)	(650)
0509213 - RECS Consumption Expense	050921:	2021	-	-	28,903,071	-	-	-	-	-	-	-	-	-	28,903,071
	050921:	2020	-	23,883,557	516,821	41,440	-	-	-	-	-	-	-	-	24,441,818
	Increase/(Decrease)		-	(23,883,557)	28,386,249	(41,440)	-	-	-	-	-	-	-	-	4,461,253
0557450 - Commissions/Brokerage Expense	055745:	2021	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	16,440
	055745:	2020	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	16,440
	Increase/(Decrease)		-	-	-	-	-	-	-	-	-	-	-	-	-
0557451 - EA & Coal Broker Fees	055745:	2021	-	-	-	-	-	2,090	-	-	3,382	510	-	3,170	9,152
	055745:	2020	-	-	375	-	-	-	-	10,000	-	-	-	-	10,375
	Increase/(Decrease)		-	-	(375)	-	-	2,090	-	(10,000)	3,382	510	-	3,170	(1,223)
0547100 - Natural Gas	054710:	2021	17,525,384	10,715,373	12,576,605	8,675,536	5,604,043	17,159,611	46,883,012	43,152,502	30,988,834	33,936,600	84,958,886	66,742,515	378,918,900
	054710:	2020	9,695,022	12,314,309	8,855,281	1,386,689	4,376,306	5,968,326	8,200,388	7,722,169	13,445,856	12,100,189	3,980,370	10,077,027	98,121,931
	Increase/(Decrease)		7,830,362	(1,598,936)	3,721,324	7,288,847	1,227,736	11,191,285	38,682,625	35,430,333	17,542,977	21,836,411	80,978,517	56,665,488	280,796,969
0547101 - Natural Gas - CC	054710:	2021	32,488,932	31,932,060	22,289,956	15,674,913	24,182,015	25,188,345	33,964,578	33,567,132	29,057,968	40,309,415	49,928,030	54,245,577	392,828,920
	054710:	2020	28,139,264	25,234,428	26,325,232	19,467,887	23,978,988	20,071,485	24,174,171	25,875,439	18,990,728	17,277,621	27,484,824	24,719,752	281,739,819
	Increase/(Decrease)		4,349,668	6,697,632	(4,035,275)	(3,792,974)	203,027	5,116,860	9,790,407	7,691,693	10,067,240	23,031,794	22,443,205	29,525,825	111,089,101
0547106 - Biogas Expense	054710:	2021	275,208	253,658	430,691	484,704	289,501	309,730	380,965	127,295	290,333	226,466	223,433	221,776	3,513,761
	054710:	2020	324,981	368,387	428,050	326,434	293,106	32,924	213,350	388,717	179,300	542,302	393,132	395,485	3,886,168
	Increase/(Decrease)		(49,773)	(114,729)	2,641	158,269	(3,605)	276,806	167,616	(261,422)	111,034	(315,836)	(169,698)	(173,710)	(372,407)
0547107 - REC Biogas Contra Expense	054710:	2021	(254,523)	(179,508)	(163,228)	(268,705)	(326,946)	(190,715)	(202,470)	(252,151)	(92,744)	(197,381)	(162,119)	(159,647)	(2,450,137)
	054710:	2020	(280,338)	(136,265)	(233,193)	(273,170)	(203,027)	(190,481)	(30,055)	(141,014)	(248,075)	(123,536)	(340,898)	(251,955)	(2,452,007)
	Increase/(Decrease)		25,815	(43,243)	69,965	4,465	(123,191)	(234)	(172,415)	(111,137)	155,331	(73,845)	178,779	92,308	1,870
0547108 - REC Biogas Contra Expense - SC	054710:	2021	(7,016)	(5,125)	(4,575)	(7,650)	(8,696)	(5,512)	(5,683)	(7,230)	(1,837)	(4,870)	(3,725)	(3,206)	(65,124)
	054710:	2020	11,307	(23,690)	(7,459)	(8,805)	(6,464)	(5,632)	(60)	(3,879)	(7,528)	(3,219)	(10,796)	(7,884)	(74,110)
	Increase/(Decrease)		(18,323)	18,564	2,885	1,155	(2,232)	120	(5,622)	(3,351)	5,691	(1,650)	7,072	4,678	8,985
0547124 - I/C Gas Purchases	054712:	2021	183,763	170,452	191,282	182,061	144,929	173,861	206,831	192,681	137,525	183,022	208,045	171,537	2,145,990
	054712:	2020	174,371	188,080	166,487	183,760	198,106	125,129	173,875	127,670	149,946	229,440	163,959	162,864	2,043,686
	Increase/(Decrease)		9,392	(17,627)	24,795	(1,699)	(53,177)	48,732	32,956	65,011	(12,421)	(46,418)	44,086	8,673	102,304

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0547200 - Oil	054720X	2021	378,381	4,905,780	227,822	12,400	-	6,508	71,687	12,824	5,993	92,869	505,445	225,631	6,445,340
	054720X	2020	551,175	13,430	143,062	2,945	3,883	108,989	6,180	55,213	32,555	99,911	169,621	876,617	2,063,581
	Increase/(Decrease)		(172,793)	4,892,350	84,760	9,455	(3,883)	(102,482)	65,506	(42,389)	(26,562)	(7,042)	335,824	(650,985)	4,381,760
0518100 - Burnup of Owned Fuel	051810X	2021	22,914,352	20,166,501	22,670,888	21,196,150	22,764,497	22,153,764	22,876,182	22,715,439	19,151,906	20,489,515	20,888,015	21,591,353	259,578,561
	051810X	2020	23,774,052	22,115,438	21,463,215	18,011,216	21,291,668	22,500,128	23,292,114	23,253,997	20,430,163	17,540,623	19,850,066	22,919,977	256,442,658
	Increase/(Decrease)		(859,700)	(1,948,937)	1,207,672	3,184,934	1,472,829	(346,364)	(415,933)	(538,558)	(1,278,257)	2,948,892	1,037,950	(1,328,624)	3,135,904
0518620 - Canister Design Expense	051862X	2021	117	667,080	145,103	57,260	145	1,455	524	-	144,392	519,583	1,872	1,357	1,538,887
	051862X	2020	701	28	741	4,867	513	367,251	16,240	-	64	2,550	1,982	129,430	524,367
	Increase/(Decrease)		(584)	667,052	144,362	52,393	(368)	(365,796)	(15,716)	-	144,328	517,033	(110)	(128,073)	1,014,520
0555120 - Purchased Power - Other	055512X	2021	559	388	532	-	-	61,089	1,640	(58,473)	710	1,547	(214)	562	8,340
	055512X	2020	588	560	607	991	1,268	1,302	1,028	755	814	810	632	436	9,792
	Increase/(Decrease)		(28)	(172)	(75)	(991)	(1,268)	59,787	612	(59,228)	(104)	737	(847)	125	(1,452)
0555125 - Purchased Power - Renewable	055512X	2021	4,515,669	4,508,915	4,189,964	2,005,192	6,578,253	7,119,271	6,657,708	9,074,921	8,227,130	8,336,578	7,135,427	5,049,069	73,398,098
	055512X	2020	4,390,461	4,748,462	4,255,097	4,917,385	6,269,853	5,421,472	7,607,590	8,827,520	7,288,854	6,626,711	5,190,457	4,701,460	70,245,372
	Increase/(Decrease)		125,208	(239,547)	(65,134)	(2,912,193)	308,400	1,697,799	(949,882)	247,351	938,276	1,709,867	1,944,970	347,610	3,152,726
0555130 - Purchased Power - Co Generation	055513X	2021	3,225,016	2,895,349	2,798,934	3,070,805	2,267,269	4,157,966	4,721,611	5,569,871	4,065,576	4,110,458	3,527,778	2,711,655	43,122,286
	055513X	2020	2,377,457	2,467,604	2,422,305	3,036,752	3,806,721	2,850,776	3,781,010	4,386,587	3,733,844	3,897,702	3,246,289	2,896,282	38,703,329
	Increase/(Decrease)		847,560	427,744	376,629	34,052	(1,339,452)	1,307,189	940,601	1,183,283	331,732	212,756	281,490	(184,627)	4,418,957
0555135 - SC DERS Purchased Power	055513X	2021	216,402	91,057	205,179	367,761	252,043	394,597	597,247	376,474	345,504	337,670	353,398	304,544	3,841,877
	055513X	2020	21,445	21,288	88,269	75,717	69,046	146,293	61,138	221,940	117,377	51,963	99,336	54,261	1,028,072
	Increase/(Decrease)		194,957	69,769	116,911	292,044	182,997	248,304	536,109	154,534	228,127	285,707	254,062	250,284	2,813,805
0555136 - SC Res Shared Solar Purchase	055513X	2021	-	-	1	-	-	-	-	-	-	-	-	-	1
	055513X	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
	Increase/(Decrease)		-	-	1	-	-	-	-	-	-	-	-	-	1
0555145 - Purchased Power - CPRE	055514X	2021	(10,000)	-	-	-	(10,000)	-	(30,000)	-	-	-	-	(20,000)	(70,000)
	055514X	2020	-	-	-	-	-	-	-	-	(584,711)	-	(1,649,289)	(10,000)	(2,244,000)
	Increase/(Decrease)		(10,000)	-	-	-	(10,000)	-	(30,000)	-	584,711	-	1,649,289	(10,000)	2,174,000
0555150 - Purchased Power - Sepa	055515X	2021	1,549	1,544	1,543	1,539	1,517	1,595	1,592	1,583	1,594	1,584	1,569	1,565	18,773
	055515X	2020	1,635	1,246	1,453	1,460	1,488	1,444	1,450	1,461	1,468	1,509	1,530	1,539	17,684
	Increase/(Decrease)		(86)	298	90	78	29	151	141	122	126	74	39	26	1,088
0555180 - Interchange	055518X	2021	93,127	352,311	(463,807)	(1,960,132)	(139,327)	79,156	82,073	(115,967)	1,446,916	(243,552)	(102,092)	98,746	(872,547)
	055518X	2020	94,363	(133,017)	772,616	814,650	(1,898,625)	32,648	78,017	(132,734)	868,599	1,488,304	92,036	111,232	2,388,260
	Increase/(Decrease)		(1,236)	485,328	(1,236,424)	(2,774,781)	1,759,299	111,804	4,057	(248,701)	578,317	(1,731,856)	(194,128)	(12,486)	(3,260,807)
0555181 - Interchange Contra	055518X	2021	(93,127)	(352,311)	463,807	1,960,132	139,327	(79,156)	(82,073)	115,967	(1,446,916)	243,552	102,092	(98,746)	872,547
	055518X	2020	(94,363)	133,017	(772,616)	(814,650)	1,898,625	(32,648)	(78,017)	(132,734)	(868,599)	(1,488,304)	(92,036)	(111,232)	(2,388,260)
	Increase/(Decrease)		1,236	(485,328)	1,236,424	2,774,781	(1,759,299)	(111,804)	(4,057)	248,701	(578,317)	1,731,856	194,128	12,486	3,260,807
0555200 - Interchange Power	055520X	2021	5,575,319	6,526,739	5,494,238	5,474,524	6,135,712	5,676,175	11,684,520	14,064,995	5,910,442	5,609,990	8,851,518	7,367,850	88,372,023
	055520X	2020	5,810,706	5,926,238	4,438,912	3,245,519	3,502,260	5,556,408	10,205,395	8,846,423	4,409,596	4,780,460	5,372,163	11,741,514	73,825,592
	Increase/(Decrease)		(235,387)	600,500	1,055,327	2,229,006	2,633,453	119,767	1,479,125	5,218,573	1,500,846	829,530	3,479,355	(4,373,664)	14,546,431
0555220 - Interchange Power - Joint Owners	055522X	2021	301,451	754,422	(449,927)	(4,266,290)	470,421	227,813	229,594	(197,716)	2,719,753	(259,716)	60,511	(393,904)	(803,587)
	055522X	2020	440,975	(179,754)	1,390,091	1,410,102	(3,042,593)	104,340	(316,811)	248,228	1,521,448	3,083,128	607,765	399,831	5,666,749
	Increase/(Decrease)		(139,525)	934,177	(1,840,018)	(5,676,392)	3,513,014	123,474	546,405	(445,943)	1,198,305	(3,342,844)	(547,254)	(793,734)	(6,470,336)

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0555230 - JO Negative Generation	055523X	2021	-	-	(10,149)	(63,582)	(30,474)	-	-	(63,120)	-	(40,567)	(50,495)	-	(258,387)
	055523X	2020	-	(53,996)	-	-	(115,546)	(1,501)	-	-	(17,547)	-	-	-	(188,590)
	Increase/(Decrease)		-	53,996	(10,149)	(63,582)	85,072	1,501	-	(63,120)	17,547	(40,567)	(50,495)	-	(69,798)
0555550 - Purchases Energy Imbalance	055555X	2021	(323,206)	(420,822)	(211,555)	(136,937)	(185,613)	(307,117)	6,867	(1,460,382)	346,770	130,829	(692,452)	369,955	(2,883,663)
	055555X	2020	26,863	(71,300)	55,072	59,212	6,716	31,157	151,365	37,571	(19,805)	(152,286)	(187,766)	(276,539)	(339,741)
	Increase/(Decrease)		(350,069)	(349,522)	(266,628)	(196,149)	(192,329)	(338,273)	(144,498)	(1,497,953)	366,575	283,115	(504,686)	646,493	(2,543,923)
0555750 - Purchases - Generation Imbalance	055575X	2021	107,006	230,337	107,175	131,698	197,704	208,277	195,848	291,624	243,809	323,610	266,284	683,926	2,987,297
	055575X	2020	101,146	97,992	95,814	81,674	105,585	105,427	136,441	127,015	104,365	93,271	117,607	141,567	1,307,904
	Increase/(Decrease)		5,861	132,344	11,361	50,024	92,119	102,850	59,407	164,608	139,444	230,338	148,678	542,359	1,679,393
0557980 - Retail Deferred Fuel Expenses	055798X	2021	2,582,869	(29,827,646)	3,682,906	16,643,297	(10,718,201)	(20,286,451)	(40,316,683)	(47,358,429)	(13,432,637)	(38,613,711)	(77,411,618)	(61,424,022)	(316,480,327)
	055798X	2020	21,821,871	42,578,812	41,262,857	33,454,887	22,926,507	6,534,833	(5,238,774)	2,325,401	30,232,709	8,861,174	21,984,778	(28,291,721)	198,453,333
	Increase/(Decrease)		(19,239,001)	(72,406,458)	(37,579,950)	(16,811,591)	(33,644,709)	(26,821,284)	(35,077,909)	(49,683,830)	(43,665,346)	(47,474,885)	(99,396,396)	(33,132,301)	(514,933,660)
0555016 - I/C Joint Disp - Pur Pwr	055501X	2021	13,091,223	20,216,525	6,237,228	58,351	6,223,237	19,459,919	26,140,241	21,877,084	19,444,929	26,835,528	23,435,357	23,501,419	206,521,042
	055501X	2020	9,417,925	10,762,021	3,679,177	5,992,748	8,255,978	5,697,743	12,926,448	6,117,756	8,855,435	15,105,307	5,693,449	21,635,449	114,139,436
	Increase/(Decrease)		3,673,298	9,454,504	2,558,051	(5,934,396)	(2,032,741)	13,762,176	13,213,792	15,759,328	10,589,494	11,730,221	17,741,908	1,865,970	92,381,606
0107888 - CWIP - BU Bal Sht - Svc Co Exp	010788X	2021	-	-	-	-	-	-	1,879	-	-	-	-	-	1,879
	010788X	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
	Increase/(Decrease)		-	-	-	-	-	-	1,879	-	-	-	-	-	1,879
0920000 - A and G Salaries	092000X	2021	8,807,046	7,970,291	15,722,245	9,526,132	9,385,944	25,132,637	9,767,351	9,055,609	29,180,079	9,576,354	16,178,274	23,068,971	173,370,934
	092000X	2020	9,100,245	7,817,279	(56,432,513)	9,927,774	(12,220,796)	8,429,628	5,352,901	3,760,968	1,153,835	5,718,343	5,906,567	34,377,513	22,891,747
	Increase/(Decrease)		(293,199)	153,012	72,154,759	(401,642)	21,606,740	16,703,009	4,414,450	5,294,641	28,026,243	3,858,011	10,271,706	(11,308,543)	150,479,187
0920001 - SC O&M Labor Deferral	092000X	2021	-	4,047	(5,952)	(3,249)	(2,024)	(2,213)	(1,957)	(1,416)	(1,372)	(2,177)	(1,796)	(2,763)	(20,872)
	092000X	2020	-	(1,969)	(1,635)	(3,901)	(2,263)	(2,310)	(2,753)	-	2,268,391	1,800,818	(4,072,683)	(9,152)	(27,456)
	Increase/(Decrease)		-	6,016	(4,317)	652	239	96	796	(1,416)	(2,269,763)	(1,802,996)	4,070,887	6,389	6,583
0920002 - NC O&M Labor Deferral	092000X	2021	1,807,074	1,803,028	1,804,965	1,805,305	1,805,951	1,805,475	1,805,344	1,805,373	1,806,022	1,807,074	1,807,074	1,807,074	21,669,758
	092000X	2020	-	-	-	-	-	-	-	-	-	-	5,887,564	1,807,074	7,694,638
	Increase/(Decrease)		1,807,074	1,803,028	1,804,965	1,805,305	1,805,951	1,805,475	1,805,344	1,805,373	1,806,022	1,807,074	(4,080,490)	-	13,975,120
0920100 - Salaries & Wages - Proj Supt - NCRC Rec	092010X	2021	70	20	128	40	40	97	108	40	12,330	40	437	361	13,710
	092010X	2020	62,282	(9,099)	(3,054)	20,067	(17,173)	-	3,255	8,625	(12)	39	40	50	65,020
	Increase/(Decrease)		(62,213)	9,119	3,182	(20,028)	17,213	97	(3,146)	(8,585)	12,342	1	397	312	(51,310)
0921100 - Employee Expenses	092110X	2021	829,952	1,083,711	299,134	160,122	644,390	(342,236)	497,143	264,334	286,869	837,529	322,091	(918,411)	3,964,628
	092110X	2020	1,419,417	1,439,044	(597,989)	(250,811)	74,892	(4,489)	304,151	593,788	454,515	812,201	312,794	(430,721)	4,126,791
	Increase/(Decrease)		(589,464)	(355,334)	897,123	410,933	569,497	(337,746)	192,993	(329,454)	(167,646)	25,328	9,297	(487,690)	(162,164)
0921101 - Employee Exp - NC	092110X	2021	360	402	360	(109)	366	475	449	411	369	272	(587)	751	3,520
	092110X	2020	723	745	817	(725)	(428)	470	515	561	559	(202)	(1,805)	500	1,730
	Increase/(Decrease)		(363)	(343)	(457)	616	793	5	(66)	(150)	(190)	475	1,218	251	1,790
0921102 - Employee Exp - SC	092110X	2021	124	124	124	(52)	126	127	127	127	127	79	(202)	127	957
	092110X	2020	256	236	246	(252)	(126)	156	180	174	174	(80)	(625)	161	499
	Increase/(Decrease)		(132)	(112)	(122)	201	252	(29)	(53)	(47)	(47)	160	423	(34)	458

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0921110 - Relocation Expenses	092111I	2021	67	-	51	1	1	1	1	1	124	21	1	27	294
	092111I	2020	-	-	1	33	69	1	190	-	2	51	95	51	491
	Increase/(Decrease)		67	-	50	(32)	(68)	0	(189)	1	123	(29)	(94)	(25)	(197)
0921200 - Office Expenses	092120X	2021	996,397	897,114	1,240,202	1,066,922	573,384	1,928,300	(163,680)	399,971	882,888	213,963	756,187	1,536,950	10,328,597
	092120X	2020	866,351	1,208,592	2,341,489	920,594	839,440	911,804	440,092	1,066,416	958,595	1,036,159	669,094	1,192,442	12,451,068
	Increase/(Decrease)		130,045	(311,478)	(1,101,287)	146,328	(266,056)	1,016,496	(603,772)	(666,445)	(75,707)	(822,195)	87,093	344,508	(2,122,471)
0921300 - Telephone and Telegraph Exp	092130X	2021	373	15	70	788	555	760	23	(939)	24	194	22	497	2,383
	092130X	2020	98	215	122	99	129	1,771	54	18	18	504	152	174	3,353
	Increase/(Decrease)		276	(200)	(52)	689	426	(1,011)	(30)	(957)	7	(310)	(130)	323	(971)
0921400 - Computer Services Expenses	092140X	2021	812,739	(31,181)	220,254	150,738	543,468	294,165	108,853	328,896	290,746	299,170	389,504	828,119	4,235,471
	092140X	2020	238,328	371,267	92,857	250,792	156,718	199,945	132,349	534,606	138,135	698,980	335,246	1,037,870	4,187,092
	Increase/(Decrease)		574,411	(402,448)	127,397	(100,054)	386,749	94,220	(23,496)	(205,710)	152,612	(399,810)	54,258	(209,750)	48,379
0921540 - Computer Rent (Go Only)	092154I	2021	422,425	361,220	416,569	399,279	402,461	396,663	380,336	402,118	519,402	420,180	446,310	442,165	5,009,127
	092154I	2020	(147,410)	(96,096)	42,005	(95,438)	243,572	(16,022)	(97,737)	450,668	437,886	393,410	467,785	469,845	(555,431)
	Increase/(Decrease)		(885,553)	1,087,413	97,311	123,605	130,060	100,928	67,515	(48,545)	81,515	26,770	(21,474)	(27,680)	731,865
0921600 - Other	092160X	2021	(95,015)	(95,936)	(99,826)	(95,564)	(105,233)	(195,131)	(196,968)	(195,030)	(194,402)	(197,236)	(196,588)	(150,320)	(1,817,248)
	092160X	2020	(147,410)	(96,096)	42,005	(95,438)	243,572	(16,022)	(97,737)	450,668	437,886	393,410	467,785	469,845	(555,431)
	Increase/(Decrease)		52,395	160	(141,831)	(126)	(348,805)	(179,109)	(99,231)	(190,175)	(95,340)	(105,560)	(102,589)	(51,607)	(1,261,817)
0921610 - Inventory Adjustments/Price Co	092161I	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	092161I	2020	-	-	-	3,743	-	-	-	-	-	-	-	-	3,743
	Increase/(Decrease)		-	-	-	(3,743)	-	-	-	-	-	-	-	-	(3,743)
0921980 - Office Supplies and Expenses	092198X	2021	5,665,379	5,483,711	5,568,003	5,601,664	5,635,212	10,926,517	5,572,916	5,695,847	5,498,376	5,315,772	5,990,478	5,596,302	72,550,176
	092198X	2020	4,445,666	4,864,035	4,698,619	5,316,137	5,457,516	6,506,482	5,221,782	5,979,444	6,140,753	6,621,399	5,312,676	5,511,802	66,076,312
	Increase/(Decrease)		1,219,713	619,675	869,383	285,527	177,697	4,420,035	351,134	(283,597)	(642,378)	(1,305,627)	677,802	84,500	6,473,864
0922000 - Admin Exp Transfer	092200X	2021	190	190	190	-	(84)	-	-	-	-	-	-	-	485
	092200X	2020	196	196	196	196	196	196	195	195	192	190	190	190	2,327
	Increase/(Decrease)		(6)	(6)	(6)	(196)	(280)	(196)	(195)	(195)	(192)	(190)	(190)	(190)	(1,842)
0922700 - Admin Exp Transf - Catawba	092270X	2021	(2,525,987)	(2,662,124)	(2,671,688)	(2,661,204)	(2,663,048)	(4,298,029)	(2,662,604)	(2,658,225)	(2,658,196)	(2,659,338)	(2,659,201)	(4,910,240)	(35,689,883)
	092270X	2020	(2,848,283)	(2,531,423)	(2,492,711)	(2,529,722)	(2,530,437)	(3,504,239)	(2,531,057)	(2,527,637)	(2,525,656)	(2,526,933)	3,977,895	(509,761)	(23,079,963)
	Increase/(Decrease)		322,296	(130,701)	(178,976)	(131,483)	(132,611)	(793,790)	(131,546)	(130,588)	(132,540)	(132,405)	(6,637,096)	(4,400,479)	(12,609,920)
0923000 - Outside Services Employed	092300X	2021	1,467,972	3,745,337	4,639,629	4,828,836	3,787,937	3,909,440	571,353	5,242,113	10,055,488	4,880,080	9,392,323	8,648,795	61,169,303
	092300X	2020	3,928,260	4,494,545	3,673,199	6,055,565	4,152,506	7,529,283	3,074,273	6,589,454	(1,829,971)	3,870,061	5,255,233	10,150,054	56,942,463
	Increase/(Decrease)		(2,460,288)	(749,208)	966,430	(1,226,729)	(364,569)	(3,619,843)	(2,502,920)	(1,347,341)	11,885,458	1,010,019	4,137,090	(1,501,259)	4,226,840
0923100 - Outside Svcs Cont - Proj Supt -	092310X	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	092310X	2020	-	-	143	58	(153)	-	2,577	-	-	-	-	-	2,624
	Increase/(Decrease)		-	-	(143)	(58)	153	-	(2,577)	-	-	-	-	-	(2,624)
0923980 - Outside Services Employee and	092398X	2021	284,039	149,297	166,667	271,061	231,621	205,347	116,241	187,439	197,032	305,205	191,600	181,259	2,486,809
	092398X	2020	237,293	214,392	595,918	217,948	401,668	267,039	237,049	240,518	223,622	288,169	176,595	200,711	3,400,922
	Increase/(Decrease)		46,746	(65,095)	(429,251)	53,113	(170,048)	(61,693)	(120,808)	(53,079)	(26,590)	(82,963)	15,006	(19,452)	(914,114)
0924000 - Property Insurance	092400X	2021	13,753	13,753	(7,435)	21,211	13,753	(7,435)	89,778	13,753	(7,435)	13,753	13,753	(7,435)	163,768
	092400X	2020	5,424	9,903	(3,968)	9,903	9,903	47,893	15,596	9,903	(11,503)	9,903	9,903	(11,503)	101,355
	Increase/(Decrease)		8,329	3,850	(3,466)	11,308	3,850	(55,328)	74,182	3,850	4,069	3,850	3,850	4,069	62,413
0924050 - Intercompany Property Insurance Exp	092405I	2021	353,686	353,686	443,091	353,686	353,686	353,686	353,686	353,686	353,686	353,686	353,686	353,686	4,333,633
	092405I	2020	306,500	306,500	306,500	306,500	306,500	306,500	306,500	306,500	306,500	306,500	306,500	306,500	3,678,000
	Increase/(Decrease)		47,186	47,186	136,591	47,186	47,186	47,186	47,186	47,186	47,186	47,186	47,186	47,186	655,633
0924980 - Property Insurance For Corp.	092498I	2021	1,722,963	1,725,796	1,829,427	1,779,506	1,722,858	1,710,698	(763,024)	1,607,840	1,632,303	1,607,840	1,752,343	(25,828,205)	(9,499,655)
	092498I	2020	1,723,141	1,725,681	1,541,057	1,722,243	1,721,993	1,741,018	(775,731)	1,779,600	1,767,527	1,759,356	1,772,389	(16,641,825)	(214,552)
	Increase/(Decrease)		(178)	115	288,370	57,262	865	(30,321)	12,707	(170,759)	(135,224)	(151,516)	29,954	(9,186,380)	(9,285,104)

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0925000 - Injuries and Damages	092500X	2021	33,511	54,111	65,064	87,198	32,379	100,205	105,476	56,542	232,400	35,622	45,777	742,683	1,590,968
	092500X	2020	3,748	(6,847)	108,586	22,360	50,821	11,914	52,428	56,339	37,219	59,032	72,180	153,748	621,528
		Increase/(Decrease)	29,763	60,958	(43,522)	64,838	(18,442)	88,292	53,049	204	195,180	(23,410)	(26,403)	588,934	969,440
0925051 - Intercompany Gen Liab Expense	092505I	2021	930,711	930,711	930,711	930,711	930,711	930,711	930,711	930,711	930,711	930,711	930,711	930,711	11,168,530
	092505I	2020	722,946	722,946	722,946	722,946	722,946	722,946	722,946	722,946	722,946	722,946	722,946	722,946	8,675,348
		Increase/(Decrease)	207,765	207,765	207,765	207,765	207,765	207,765	207,765	207,765	207,765	207,765	207,765	207,765	2,493,182
0925200 - Injuries and Damages - Other	092520X	2021	11,998	13,168	14,047	13,570	13,539	13,531	13,358	14,448	14,505	13,867	13,034	13,270	162,334
	092520X	2020	17,329	15,401	17,086	16,721	16,173	17,006	21,211	20,359	12,568	12,737	12,909	14,405	193,906
		Increase/(Decrease)	(5,332)	(2,233)	(3,039)	(3,152)	(2,633)	(3,475)	(7,852)	(5,911)	1,937	1,131	125	(1,135)	(31,572)
0925300 - Environmental Inj and Damages	092530X	2021	-	352	170,511	-	352	(805,626)	-	-	(141,266)	-	500,000	(4,910)	(280,587)
	092530X	2020	729	719	1,364,457	719	-	1,050,731	845	-	229,876	352	-	1,231,272	3,879,701
		Increase/(Decrease)	(729)	(368)	(1,193,946)	(719)	352	(1,856,357)	(845)	-	(371,143)	(352)	500,000	(1,236,182)	(4,160,288)
0925980 - Injuries and Damages For Corp.	092598X	2021	743,401	740,651	750,964	740,651	761,364	740,651	740,926	740,789	740,889	740,651	748,285	740,728	8,929,953
	092598X	2020	790,062	752,741	770,252	752,741	755,691	762,741	752,741	753,016	753,240	752,841	761,407	752,741	9,110,213
		Increase/(Decrease)	(46,661)	(12,089)	(19,288)	(12,089)	5,674	(22,089)	(11,814)	(12,226)	(12,950)	(12,189)	(13,122)	(12,012)	(180,260)
0926000 - Employee Benefits	092600X	2021	24,073,618	21,519,505	22,196,055	21,642,505	19,873,135	18,259,047	20,777,455	21,101,350	15,960,610	25,723,539	20,638,794	23,456,106	255,221,719
	092600X	2020	24,851,311	21,854,344	11,543,392	22,632,392	19,279,288	16,387,890	22,485,890	20,928,494	15,135,759	20,377,906	24,068,601	25,521,113	245,066,944
		Increase/(Decrease)	(777,693)	(334,839)	10,652,663	(990,452)	593,847	1,871,157	(1,708,435)	172,856	824,852	5,345,633	(3,429,807)	(2,065,007)	10,154,775
0926003 - NC Employee Benefits	092600I	2021	(83,171)	(111,876)	(97,329)	(94,550)	(65,487)	(89,912)	-	-	-	-	-	-	(542,363)
	092600I	2020	(51,565)	(56,349)	(55,139)	(53,970)	(62,960)	(60,642)	(61,034)	(65,577)	(72,350)	(102,878)	(85,519)	(63,737)	(791,719)
		Increase/(Decrease)	(31,606)	(55,526)	(42,230)	(40,580)	(2,527)	(29,270)	61,034	65,577	72,350	102,878	85,519	63,737	249,356
0926004 - SC Employee Benefits	092600U	2021	-	-	-	(2,254)	(19,561)	(26,857)	-	-	-	-	-	-	(48,671)
	092600U	2020	-	-	-	-	-	-	-	-	-	(25,338)	(39,968)	(40,462)	(105,768)
		Increase/(Decrease)	-	-	-	(2,254)	(19,561)	(26,857)	-	-	-	25,338	39,968	40,462	57,096
0926420 - Employees' Tuition Refund	092642I	2021	-	-	676	195	-	-	-	-	-	-	-	-	871
	092642I	2020	148	92	10	-	-	-	-	-	-	205	-	3,842	4,297
		Increase/(Decrease)	(148)	(92)	666	195	-	-	-	-	-	(205)	-	(3,842)	(3,427)
0926430 - Employees'Recreation Expense	092643I	2021	150	150	100	7,512	5,075	786	199	141	16,905	366	12,266	216	43,866
	092643I	2020	1,121	493	784	6,000	658	310	165	100	150	165	285	200	10,431
		Increase/(Decrease)	(971)	(343)	(684)	1,512	4,417	476	34	41	16,755	201	11,981	16	33,435
0926600 - Employee Benefits - Transferred	092660X	2021	(7,513,523)	(8,093,865)	(10,056,308)	(10,561,476)	(9,847,899)	(9,798,011)	(10,410,434)	(8,795,454)	(8,868,192)	(8,516,335)	(5,756,677)	3,284,843	(94,933,331)
	092660X	2020	(8,747,008)	(5,865,576)	(7,472,025)	(7,307,049)	(8,498,333)	(9,993,415)	(9,652,319)	(8,027,397)	(6,230,558)	(7,228,124)	(5,154,791)	(6,408,742)	(90,585,336)
		Increase/(Decrease)	1,233,485	(2,228,289)	(2,584,283)	(3,254,427)	(1,349,566)	195,404	(758,116)	(768,057)	(2,637,634)	(1,288,211)	(601,887)	9,693,586	(4,347,995)
0926999 - Non Service Cost (ASU 2017-07)	092699I	2021	(6,536,819)	(6,801,857)	(6,669,338)	(6,669,338)	(6,669,338)	(6,669,338)	(6,669,338)	(6,669,338)	(6,669,338)	(6,669,338)	(6,627,393)	(6,669,338)	(79,990,109)
	092699I	2020	(4,239,728)	(7,004,078)	(5,621,903)	(5,621,903)	(5,621,903)	(8,167,284)	(2,209,532)	(6,041,178)	(6,041,178)	(6,707,749)	(6,096,920)	(6,096,920)	(69,470,277)
		Increase/(Decrease)	(2,297,091)	(202,221)	(1,047,435)	(1,047,435)	(1,047,435)	1,497,946	(4,459,805)	(628,159)	(628,159)	38,411	(530,473)	(572,418)	(10,519,832)
0927001 - General and Administration	092700I	2021	3,083	3,083	3,083	3,083	3,083	3,083	3,083	3,083	3,083	3,083	3,083	3,083	37,000
	092700I	2020	-	-	-	12,333	12,333	12,333	12,333	(24,667)	3,083	3,083	3,083	3,083	37,000
		Increase/(Decrease)	3,083	3,083	3,083	(9,250)	(9,250)	(9,250)	(9,250)	27,750	-	-	-	-	-
0928000 - Regulatory Expenses (Go)	092800X	2021	1,372,211	1,315,084	1,254,831	1,232,732	1,222,336	1,324,817	1,374,629	1,443,008	1,377,920	1,068,162	1,433,285	1,285,736	15,704,752
	092800X	2020	1,223,090	1,258,230	1,090,492	1,091,348	1,058,039	1,809,527	1,705,817	1,528,418	1,369,778	1,246,046	1,295,960	1,247,073	15,923,819
		Increase/(Decrease)	149,121	56,854	164,339	141,384	164,296	(484,709)	(331,188)	(85,410)	8,141	(177,884)	137,326	38,663	(219,067)
0929000 - Duplicate Chrgs - Enrgy To Exp	092900X	2021	(943,615)	(820,822)	(924,522)	(136,030)	(188,987)	(174,486)	(399,443)	(262,043)	(246,194)	(217,477)	(156,445)	(229,078)	(4,699,143)
	092900X	2020	(1,130,647)	(1,114,151)	(1,058,561)	(962,048)	(911,295)	(818,027)	(1,048,635)	(982,650)	(901,098)	(803,748)	(715,144)	(955,481)	(11,401,484)
		Increase/(Decrease)	187,032	293,328	134,039	826,018	722,308	643,541	649,192	720,607	654,903	586,271	558,700	726,402	6,702,341
0929500 - Admin Exp Transf	092950X	2021	(2,003,243)	(2,295,896)	(2,286,693)	(2,145,736)	(2,073,111)	(2,341,637)	(2,143,674)	(2,134,978)	(2,402,752)	(2,288,562)	(2,005,534)	(2,000,908)	(26,122,725)
	092950X	2020	(2,055,522)	(2,161,506)	(2,360,118)	(2,166,001)	(2,073,435)	(2,589,022)	(2,473,689)	(2,425,351)	(2,279,227)	(2,279,227)	(1,573,999)	(1,922,120)	(26,298,401)
		Increase/(Decrease)	52,280	(134,390)	73,425	20,264	324	247,385	330,015	83,433	22,600	(9,335)	(431,536)	(78,788)	175,676

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0930150 - Miscellaneous Advertising Exp	093015X	2021	333,223	385,922	98,823	760,350	301,047	615,160	(3,486)	1,049,573	1,086,656	188,172	681,613	558,503	6,055,556
		2020	116,057	288,721	136,949	936,835	161,773	379,071	1,330,350	98,773	785,709	180,251	501,966	851,080	5,767,536
	Increase/(Decrease)		217,166	97,201	(38,126)	(176,485)	139,274	236,089	(1,333,837)	950,800	300,946	7,921	179,647	(292,577)	288,020
0930200 - Misc General Expenses	093020X	2021	(2,667,413)	(2,837,431)	(2,936,539)	(2,676,443)	(2,787,200)	(2,779,503)	(2,892,788)	(2,892,297)	(2,724,625)	(2,939,793)	(2,510,480)	(2,307,316)	(32,951,829)
		2020	(2,689,768)	(2,578,554)	(2,642,658)	(2,676,472)	(2,593,428)	(2,605,301)	(2,654,742)	(2,645,624)	(2,492,001)	(2,555,935)	(2,279,418)	(3,284,665)	(31,698,566)
	Increase/(Decrease)		22,355	(258,877)	(293,881)	28	(193,772)	(174,202)	(238,045)	(246,674)	(232,624)	(383,858)	(231,062)	977,349	(1,253,263)
0930210 - Industry Association Dues	093021C	2021	-	1,380,236	-	-	-	-	-	-	-	-	-	240	1,380,476
		2020	-	1,311,656	-	-	-	-	-	-	-	-	-	-	1,311,656
	Increase/(Decrease)		-	68,580	-	-	-	-	-	-	-	-	-	240	68,820
0930220 - Exp of Servicing Securities	093022C	2021	(1,990)	126,971	2,425	(1,972)	381	1,881	92,179	4,526	2,067	535	(1,781)	1,441	226,661
		2020	-	(2,526)	-	(3,453)	(1,539)	13,000	109,584	(2,872)	(940)	(2,329)	(1,610)	(130,352)	(23,037)
	Increase/(Decrease)		(1,990)	129,496	2,425	1,481	1,920	(11,119)	(17,405)	7,398	3,007	2,863	(171)	131,793	249,698
0930230 - Dues To Various Organizations	093023C	2021	58,515	55,480	8,175	74,962	244,176	17,847	243,980	(65,058)	21,331	252,652	130,703	83,052	1,125,814
		2020	26,569	130,592	14,603	12,230	365,507	32,099	142,982	101,100	14,858	240,039	131,711	(318,884)	893,403
	Increase/(Decrease)		31,946	(75,112)	(6,428)	62,732	(121,331)	(14,252)	100,998	(166,158)	6,474	12,614	(1,008)	401,936	232,411
0930240 - Director'S Expenses	093024C	2021	-	121	(45,217)	117,010	737,446	83	137,482	3,237	149	143,228	25,500	198,855	1,317,892
		2020	153,552	10,880	1,710	162,701	672,898	-	175,283	363	36	152,214	12	241,778	1,571,427
	Increase/(Decrease)		(153,552)	(10,760)	(46,927)	(45,691)	64,548	83	(97,801)	2,873	112	(8,986)	25,488	(42,923)	(253,535)
0930250 - Buy/Sell Transf Employee Homes	093025C	2021	49,755	75,010	64,284	19,075	79,084	131,174	220,378	210,635	127,392	286,670	167,274	157,806	1,588,536
		2020	162,640	305,698	146,989	114,483	132,011	129,176	199,874	77,348	157,851	87,756	49,808	242,734	1,806,367
	Increase/(Decrease)		(112,886)	(230,688)	(82,705)	(95,408)	(52,928)	1,998	20,505	133,287	(30,459)	198,914	117,466	(84,928)	(217,831)
0930600 - Leased Circuit Charges - Other	093060X	2021	53	42	280	45	100	24	685	324	-	27	51	-	1,631
		2020	242	59	31	203	363	253	-	150	-	-	(19)	-	1,281
	Increase/(Decrease)		(188)	(18)	250	(158)	(263)	(229)	685	174	-	27	69	-	350
0930700 - Research and Development	093070X	2021	826	699	8,257	-	218	852	322	(154,671)	45,550	66,646	192,802	21,264	182,765
		2020	(203,402)	2,083	940	115,664	1,225	59,377	64,354	860	600	1,203	291,091	263,325	597,320
	Increase/(Decrease)		204,228	(1,385)	7,317	(115,664)	(1,007)	(58,525)	(64,032)	(155,531)	44,951	65,443	(98,289)	(242,061)	(414,556)
0930800 - R and D - Alternative Energy	093080X	2021	206,378	167,834	150,388	153,661	135,002	171,697	197,633	210,103	196,815	153,297	156,814	174,381	2,074,004
		2020	342,364	173,089	(13,556)	143,020	133,317	158,566	191,945	202,580	183,460	148,427	170,086	146,811	1,980,108
	Increase/(Decrease)		(135,986)	(5,255)	163,945	10,641	1,686	13,132	5,688	7,523	13,355	4,870	(13,272)	27,570	93,896
0930940 - General Expenses	093094C	2021	5,365	11,222	11,153	6,389	1,371	8,435	3,106	4,600	1,732	2,301	2,974	(3,493)	55,154
		2020	8,435	9,065	11,771	(8,333)	2,964	(2,309)	(641)	29,637	11,471	8,491	9,171	1,302	81,024
	Increase/(Decrease)		(3,069)	2,157	(618)	14,722	(1,593)	10,744	3,747	(25,037)	(9,739)	(6,190)	(6,197)	(4,796)	(25,870)
0931001 - Rents - AandG	093100C	2021	1,738,709	2,511,928	2,299,535	2,525,333	2,488,816	2,345,620	1,418,196	2,087,189	2,103,177	2,131,806	2,167,491	2,316,956	26,134,757
		2020	2,308,352	2,343,585	2,372,459	2,378,616	2,341,037	2,355,099	2,429,407	2,331,580	2,398,471	2,402,521	2,143,962	2,289,941	28,095,032
	Increase/(Decrease)		(569,643)	168,343	(72,924)	146,718	147,779	(9,479)	(1,011,211)	(244,391)	(295,294)	(270,716)	23,529	27,015	(1,960,275)
0931003 - Lease Amortization Expense	093100C	2021	38,495	15,090	14,687	13,214	(373,189)	(29,394)	2,170	(14,834)	4,340	42,878	28,901	(4,193)	(261,823)
		2020	197,864	4,449,440	(4,425,130)	49,170	(319,866)	(6,422)	412,554	40,353	34,669	39,121	39,677	302	511,732
	Increase/(Decrease)		(159,368)	(4,434,350)	4,439,817	(35,956)	(53,324)	(22,962)	(410,383)	(55,187)	(30,329)	3,757	(10,775)	(4,494)	(773,555)
0931008 - A and G Rents IC	093100C	2021	1,842,159	1,852,169	1,860,321	1,762,699	1,768,223	1,445,528	1,460,950	1,468,943	1,432,598	1,424,100	1,512,860	1,596,430	19,426,980
		2020	1,684,974	1,659,464	1,683,801	1,690,158	1,729,634	1,722,164	1,804,275	1,798,320	1,796,803	1,773,351	1,782,760	1,826,422	20,952,126
	Increase/(Decrease)		157,185	192,705	176,520	72,541	38,589	(276,636)	(343,325)	(329,377)	(364,205)	(349,251)	(269,900)	(229,992)	(1,525,146)
0546000 - Suprvsn and Enginring - Ct Oper	054600X	2021	462,051	430,734	487,789	452,076	504,752	487,468	572,903	469,761	439,821	463,967	490,301	555,259	5,816,882
		2020	612,872	593,892	511,735	428,843	526,442	463,204	635,020	486,317	524,482	472,395	539,360	614,627	6,400,189
	Increase/(Decrease)		(150,821)	(163,158)	(23,946)	23,233	(21,690)	24,264	(62,117)	(16,556)	(84,661)	(8,428)	(40,059)	(59,368)	(583,307)
0546002 - Supvs and Engineer CT Opt - SC	054600C	2021	4,032	4,032	4,032	4,032	4,032	4,032	4,032	4,032	4,032	4,032	4,032	4,032	48,384
		2020	4,032	4,032	4,032	4,032	4,032	4,032	4,032	4,032	4,032	4,032	4,032	4,032	48,384
	Increase/(Decrease)		-	-	-	-	-	-	-	-	-	-	-	-	-

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0546003 - Supvs and Engineer CT Opt - WH	054600:	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	054600:	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0547150 - Natural Gas Handling - Ct	054715:	2021	44,504	44,668	46,762	45,968	47,668	52,457	45,225	45,839	47,857	48,701	51,396	49,513	570,560
	054715:	2020	32,666	33,844	35,007	35,791	40,662	38,444	38,762	40,147	39,232	39,475	36,268	36,069	446,368
		Increase/(Decrease)	11,838	10,824	11,755	10,177	7,006	14,012	6,463	5,693	8,625	9,225	15,128	13,444	124,192
0547300 - Fuel Handling and Testing - Ct	054730:	2021	244	284	242	259	306	(306)	-	-	1,049	218	300	380	2,976
	054730:	2020	269	268	277	330	312	301	309	296	239	230	335	614	3,780
		Increase/(Decrease)	(26)	16	(35)	(71)	(5)	(608)	(309)	(296)	810	(12)	(35)	(234)	(805)
0548020 - Ammonia - Qualifying	054802:	2021	38,414	37,181	23,442	35,612	31,792	32,412	44,302	22,815	47,008	51,943	46,552	69,220	480,692
	054802:	2020	38,915	30,646	37,438	25,630	21,321	27,140	32,366	31,072	19,611	19,269	32,686	23,963	340,058
		Increase/(Decrease)	(501)	6,535	(13,996)	9,982	10,471	5,272	11,935	(8,257)	27,397	32,674	13,866	45,257	140,634
0548100 - Generation Expenses - Other Ct	054810:	2021	43,364	59,433	62,836	61,086	54,627	75,664	76,321	72,937	54,576	53,374	69,289	74,209	757,715
	054810:	2020	66,170	64,904	97,475	90,997	123,707	18,813	64,676	69,576	53,098	43,152	37,637	76,919	807,123
		Increase/(Decrease)	(22,806)	(5,471)	(34,639)	(29,912)	(69,079)	56,851	11,646	3,362	1,479	10,222	31,651	(2,710)	(49,408)
0548200 - Prime Movers - Generators - Ct	054820:	2021	313,714	339,190	340,353	251,801	320,037	347,442	575,073	413,145	380,911	378,281	390,775	636,086	4,686,807
	054820:	2020	307,460	280,440	291,076	273,096	245,448	321,132	487,570	309,116	360,205	331,428	362,506	591,331	4,160,808
		Increase/(Decrease)	6,254	58,749	49,277	(21,295)	74,589	26,309	87,503	104,029	20,706	46,853	28,268	44,755	525,999
0549000 - Misc - Power Generation Expenses	054900:	2021	537,038	671,041	757,870	1,200,356	511,711	845,051	691,308	756,439	486,325	631,392	770,032	1,386,183	9,244,747
	054900:	2020	729,829	864,668	916,076	1,358,110	636,468	603,889	735,693	701,995	613,264	724,179	803,771	1,982,876	10,670,817
		Increase/(Decrease)	(192,791)	(193,627)	(158,205)	(157,754)	(124,757)	241,163	(44,386)	54,445	(126,939)	(92,787)	(33,739)	(596,692)	(1,426,070)
0549200 - CT Misc Power Exp-Recoverable	054920:	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	054920:	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0550001 - Other Power Gen Op Rents	055000:	2021	36,886	19,512	(4,470)	(5,900)	(8,750)	(7,911)	23,123	(13,368)	(27,552)	98,062	(36,735)	(4,524)	68,373
	055000:	2020	16,125	12,307	(46,175)	(33,082)	2,463	(33,847)	72,207	(20,361)	197	(3,752)	14,536	(8,000)	(27,382)
		Increase/(Decrease)	20,761	7,205	41,705	27,182	(11,213)	25,936	(49,084)	6,993	(27,749)	101,814	(51,271)	3,476	95,755
0901000 - Supervision - Cust Accts	090100:	2021	25,495	21,732	24,678	23,939	26,024	26,156	27,693	19,180	17,081	21,049	13,670	17,578	264,274
	090100:	2020	30,740	22,197	22,284	23,788	19,071	14,528	16,535	15,876	14,701	24,585	20,829	22,678	247,810
		Increase/(Decrease)	(5,245)	(465)	2,394	151	6,953	11,628	11,158	3,304	2,380	(3,535)	(7,159)	(5,100)	16,464
0902000 - Meter Reading Expense	090200:	2021	2,289	131,452	193,098	41,913	102,631	206,303	27,102	106,261	200,482	23,355	110,665	5,481	1,151,033
	090200:	2020	36,139	146,659	284,508	52,019	156,102	204,879	25,386	121,786	243,229	30,358	106,854	211,064	1,618,808
		Increase/(Decrease)	(33,851)	(15,206)	(91,410)	(10,106)	(53,471)	1,424	1,717	(15,525)	(42,747)	(7,003)	3,811	(205,583)	(467,951)
0903000 - Cust Records and Collection Exp	090300:	2021	4,684,726	4,732,854	8,499,630	3,561,709	5,204,455	5,738,419	6,965,761	7,777,306	4,600,883	1,782,730	5,120,826	3,655,282	62,324,579
	090300:	2020	2,942,871	1,954,242	2,203,221	2,841,131	1,557,613	2,461,356	2,738,184	2,312,435	2,337,183	4,002,894	5,413,923	6,155,405	36,920,458
		Increase/(Decrease)	1,741,854	2,778,612	6,296,409	720,577	3,646,843	3,277,063	4,227,577	5,464,871	2,263,700	(2,220,165)	(299,097)	(2,500,123)	25,404,121
0903001 - NC Cust Records & Exp	090300:	2021	(1,286,816)	(2,331,807)	(4,994,225)	(1,775,354)	(3,856,300)	(2,866,998)	-	-	(492,781)	-	-	-	(17,604,281)
	090300:	2020	(562,300)	(276,459)	(1,140,535)	(1,258,333)	(628,953)	(1,408,289)	(1,542,299)	(991,099)	(1,042,951)	(2,606,830)	(2,675,115)	(4,172,928)	(18,306,091)
		Increase/(Decrease)	(724,516)	(2,055,348)	(3,853,690)	(517,021)	(3,227,347)	(1,458,709)	1,542,299	991,099	550,170	2,606,830	2,675,115	4,172,928	701,810
0903002 - SC Cust Records & Exp	090300:	2021	-	-	-	(60,504)	(1,151,882)	(856,376)	-	-	(147,194)	-	-	-	(2,215,956)
	090300:	2020	-	-	-	-	-	-	-	-	-	(452,067)	(776,098)	(1,217,992)	(2,446,157)
		Increase/(Decrease)	-	-	-	(60,504)	(1,151,882)	(856,376)	-	-	(147,194)	452,067	776,098	1,217,992	230,201
0903100 - Cust Contracts and Orders - Local	090310:	2021	618,476	774,530	563,856	820,111	794,756	342,206	1,766,967	(30,924)	145,545	773,221	794,529	504,576	7,867,850
	090310:	2020	1,212,620	1,027,407	1,090,863	658,220	1,002,729	711,446	1,069,231	910,640	229,215	894,547	880,343	1,036,769	10,724,028
		Increase/(Decrease)	(594,144)	(252,877)	(527,006)	161,891	(207,972)	(369,240)	697,737	(941,564)	(83,670)	(121,325)	(8,814)	(532,192)	(2,856,178)
0903200 - Cust Billing and Acct	090320:	2021	1,878,192	1,950,578	1,887,812	2,218,587	1,914,275	1,495,102	2,317,540	2,326,590	1,424,470	2,198,664	2,082,138	2,009,657	23,703,606
	090320:	2020	2,886,161	1,443,640	2,407,437	2,198,430	1,986,768	1,986,523	1,972,787	1,765,502	1,739,881	2,261,483	2,232,478	2,298,531	25,059,619
		Increase/(Decrease)	(1,007,969)	506,938	(519,624)	20,158	(72,492)	(371,420)	344,753	561,089	(315,411)	(62,819)	(150,340)	(288,874)	(1,356,013)

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0903250 - Customer Billing - Common	090325X	2021	(0)	(0)	-	-	(0)	0	-	(0)	-	-	0	(0)	(0)
	090325X	2020	(0)	0	-	(0)	-	(0)	0	0	(0)	(0)	(0)	-	(0)
	Increase/(Decrease)		-	(0)	-	0	(0)	0	(0)	(0)	0	0	0	(0)	(0)
0903300 - Cust Collecting - Local	090330X	2021	1,533,005	1,798,642	1,911,802	1,755,308	1,441,500	1,288,120	1,641,451	2,603,440	329,464	1,476,009	1,664,405	436,121	17,879,269
	090330X	2020	1,148,481	1,292,676	1,096,638	987,748	1,695,569	1,235,167	2,071,545	1,629,426	(1,803,306)	1,634,016	1,194,286	775,889	12,958,135
	Increase/(Decrease)		384,525	505,966	815,164	767,560	(254,069)	52,953	(430,094)	974,014	2,132,771	(158,007)	470,119	(339,768)	4,921,134
0903400 - Cust Receiv and Collect Exp - Edp	090340X	2021	(8,169)	52,088	118,456	(33,723)	58,164	134,519	9,299	80,555	252,784	(9,036)	55,891	132,736	843,566
	090340X	2020	61,530	56,767	33,257	46,683	38,885	53,504	42,672	130,425	51,932	175,854	9,488	153,369	854,366
	Increase/(Decrease)		(69,698)	(4,679)	85,199	(80,406)	19,279	81,015	(33,373)	(49,870)	200,853	(184,890)	46,403	(20,633)	(10,800)
0903750 - Common - Operating - Cust Accts	090375X	2021	0	0	0	0	0	0	549	(249)	0	0	0	0	301
	090375X	2020	0	0	0	0	0	0	0	0	0	0	0	0	1
	Increase/(Decrease)		-	-	-	(0)	(0)	(0)	549	(249)	(0)	0	(0)	(0)	300
0904000 - Uncollectible Accounts	090400X	2021	2,616,228	3,050,074	4,740,493	(420,820)	(1,114,551)	6,442,097	1,080,790	1,271,782	1,529,641	(198,523)	3,134,155	2,021,397	24,152,761
	090400X	2020	1,317,583	899,806	541,800	858,050	2,532,243	3,153,098	1,700,527	(3,016,006)	535,506	2,562,509	1,810,439	595,606	13,491,162
	Increase/(Decrease)		1,298,645	2,150,267	4,198,693	(1,278,871)	(3,646,794)	3,288,999	(619,737)	4,287,787	994,135	(2,761,033)	1,323,716	1,425,791	10,661,599
0904001 - Bad Debt Expense	090400X	2021	125	7,110	306,170	34,450	141,336	44,625	70,708	35,898	50,101	(122,539)	16,778	74,519	659,282
	090400X	2020	-	0	(10,909)	69,040	20,726	124,540	(9,780)	(5,831)	11,316	4,700	-	17,991	221,793
	Increase/(Decrease)		125	7,110	317,079	(34,589)	120,610	(79,914)	80,488	41,729	38,785	(127,239)	16,778	56,529	437,489
0905000 - Misc Customer Accts Expenses	090500X	2021	29,357	24,743	20,214	27,568	19,860	19,899	36,078	25,950	19,841	29,898	31,451	31,391	316,249
	090500X	2020	32,308	17,864	21,287	18,538	14,152	32,536	26,735	16,853	13,963	23,268	25,880	47,179	290,563
	Increase/(Decrease)		(2,951)	6,879	(1,073)	9,030	5,708	(12,637)	9,343	9,097	5,877	6,630	5,571	(15,788)	25,686
0909650 - Misc Advertising Expenses	090965X	2021	3,862	55,309	7,233	20,493	22,463	26,070	24,660	-	77,032	9,400	-	23,042	269,563
	090965X	2020	(38,359)	25,718	205,097	22,364	12,333	-	(140,241)	1,999	18,975	13,990	-	-	121,877
	Increase/(Decrease)		42,220	29,591	(197,864)	(1,871)	10,130	26,070	164,901	(1,999)	58,057	(4,590)	-	23,042	147,686
0910000 - Misc Cust Serv/Inform Exp	091000X	2021	886,303	811,223	953,284	764,665	860,163	923,584	790,166	1,044,221	1,080,919	925,271	788,032	1,212,737	11,040,568
	091000X	2020	1,092,497	1,037,885	1,015,029	1,051,023	1,164,558	1,000,482	1,130,138	827,785	788,543	430,034	825,440	1,028,186	11,391,599
	Increase/(Decrease)		(206,194)	(226,663)	(61,744)	(286,359)	(304,395)	(76,898)	(339,971)	216,436	292,377	495,237	(37,407)	184,551	(351,031)
0910100 - Exp - Rs Reg Prod/Svces - Cstaccts	091010X	2021	172,235	231,471	233,858	259,822	204,741	313,590	241,732	203,221	235,486	273,051	362,128	376,136	3,107,471
	091010X	2020	267,877	275,123	330,768	261,337	299,951	289,138	438,296	193,057	254,573	261,485	224,028	354,103	3,449,735
	Increase/(Decrease)		(95,642)	(43,652)	(96,909)	(1,515)	(95,210)	24,452	(196,564)	10,164	(19,086)	11,566	138,100	22,033	(342,264)
0908000 - Cust Asst Exp-Conservation Programs - Rec	090800X	2021	1	28	430	54	2	1	1	1	1	0	2	1	520
	090800X	2020	2	75	1	-	1	1	1	223	1	12	1	30	345
	Increase/(Decrease)		(0)	(47)	429	54	1	0	0	(222)	0	(11)	1	(29)	175
0580000 - Supervsn and Engring - Dist Oper	058000X	2021	58,644	128,106	143,378	124,716	94,778	113,048	110,197	116,728	117,870	132,131	102,579	128,904	1,371,079
	058000X	2020	65,682	136,695	143,436	112,076	155,767	80,567	97,903	95,334	103,856	87,452	73,609	103,559	1,255,936
	Increase/(Decrease)		(7,038)	(8,589)	(58)	12,640	(60,988)	32,482	12,294	21,394	14,014	44,680	28,970	25,345	115,144
0581004 - Load Dispatch-Dist of Elec	058100X	2021	539,685	461,315	496,019	526,210	514,798	475,559	684,742	497,916	488,833	478,423	459,643	717,802	6,340,945
	058100X	2020	799,508	531,140	504,108	514,601	562,346	563,297	804,813	544,492	556,917	529,570	465,312	723,789	7,109,892
	Increase/(Decrease)		(259,823)	(69,825)	(8,088)	11,609	(47,549)	(87,739)	(120,071)	(46,576)	(68,084)	(51,147)	(5,670)	(15,987)	(768,948)
0582100 - Station Expenses - Other - Dist	058210X	2021	278,916	277,798	203,274	189,259	176,874	87,473	167,410	252,926	140,225	138,699	118,383	296,776	2,328,013
	058210X	2020	109,768	118,311	141,833	187,874	172,833	96,426	156,903	64,265	178,619	66,869	86,857	132,530	1,513,087
	Increase/(Decrease)		169,148	159,487	61,441	1,385	4,041	(8,954)	10,508	188,662	(38,395)	71,830	31,526	164,246	814,925
0582200 - Relays and Meters - Dist	058220X	2021	-	-	2,468	199	-	-	-	-	-	-	-	-	2,668
	058220X	2020	905	-	-	-	-	-	-	-	-	416	-	131	1,452
	Increase/(Decrease)		(905)	-	2,468	199	-	-	-	-	-	(416)	-	(131)	1,216
0583100 - Overhead Line Exps - Other Dist	058310X	2021	(34,673)	1,828	1,412	1,360	28,782	1,347	3,548	3,159	1,075	2,084	5,251	136,420	151,591
	058310X	2020	10,021	51,091	44,419	81,229	24,724	58,750	19,142	4,367	12,788	2,691	576	51,209	361,008
	Increase/(Decrease)		(44,694)	(49,263)	(43,007)	(79,869)	4,057	(57,403)	(15,594)	(1,208)	(11,713)	(608)	4,675	85,210	(209,416)

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0583200 - Transf Set Rem Reset Test - Dist	058320X	2021	34,894	85,495	30,033	30,433	44,703	121,489	36,257	35,149	93,723	502,288	39,631	34,832	1,088,927
	058320X	2020	29,504	82,444	26,389	62,697	112,508	117,416	90,715	44,679	57,853	206,505	352,900	51,373	1,234,982
	Increase/(Decrease)		5,390	3,051	3,644	(32,265)	(67,805)	4,073	(54,458)	(9,530)	35,870	295,783	(313,269)	(16,540)	(146,055)
0584000 - Underground Line Expenses - Dist	058400X	2021	1,037,882	825,594	1,159,268	1,045,750	918,739	1,057,559	994,888	1,048,081	1,007,257	1,044,324	963,097	1,102,646	12,205,086
	058400X	2020	778,950	707,836	980,419	620,912	1,260,445	1,097,500	1,031,373	1,070,592	1,095,686	1,070,028	1,138,920	934,372	11,787,033
	Increase/(Decrease)		258,933	117,758	178,849	424,839	(341,706)	(39,941)	(36,485)	(22,512)	(88,430)	(25,704)	(175,823)	168,275	418,052
0585000 - St Lghtng and Sgnl Systm - Dist	058500X	2021	2,418	2,774	768	152	1,021	1,817	587	3,528	1,533	138	1,512	1,165	17,412
	058500X	2020	13,893	4,741	2,804	4,115	7,911	5,842	3,778	1,986	(233)	6,422	5,661	708	57,628
	Increase/(Decrease)		(11,476)	(1,966)	(2,036)	(3,963)	(6,889)	(4,025)	(3,191)	1,542	1,766	(6,285)	(4,149)	457	(40,215)
0586000 - Meter Expenses - Dist	058600X	2021	769,776	708,925	742,862	816,269	815,149	841,770	1,251,752	822,199	755,934	830,335	822,548	1,075,318	10,252,838
	058600X	2020	1,075,609	806,906	783,117	684,654	813,164	849,977	1,088,699	711,265	726,738	739,361	693,822	1,066,014	10,377,571
	Increase/(Decrease)		(331,005)	(307,419)	(128,862)	131,614	1,985	(8,207)	163,053	110,934	29,197	90,974	138,137	(15,134)	(124,734)
0587000 - Cust Install Exp - Other Dist	058700X	2021	647,037	607,216	728,004	877,504	795,976	779,066	1,071,287	904,573	823,798	807,489	769,181	1,022,072	9,833,201
	058700X	2020	1,100,781	806,906	777,673	777,673	782,908	897,438	1,144,385	798,676	722,674	733,607	693,822	1,066,014	10,282,830
	Increase/(Decrease)		(428,573)	(199,690)	(55,113)	99,831	13,068	(118,372)	(73,098)	105,897	101,124	73,882	75,359	(43,943)	(449,629)
0588100 - Misc Distribution Exp - Other	058810X	2021	6,397,531	3,607,262	3,164,819	3,344,717	2,711,753	6,801,844	3,446,531	3,329,143	4,584,675	3,879,429	4,643,413	3,310,318	49,221,435
	058810X	2020	3,261,345	8,385,654	4,219,091	2,180,604	646,754	3,362,494	2,763,847	2,741,966	3,465,306	3,099,965	2,392,024	3,848,659	40,971,708
	Increase/(Decrease)		3,136,186	(4,778,393)	(1,054,272)	1,164,113	2,064,999	2,839,350	682,684	587,178	1,119,369	779,464	2,247,389	(538,341)	8,249,727
0588101 - Grid Solutions O&M Deferral	058810I	2021	-	-	(753,772)	(437,692)	(652,116)	(575,176)	(848,747)	(497,662)	(603,734)	(780,124)	(179,237)	(2,019,851)	(7,348,101)
	058810I	2020	-	(221,831)	(175,824)	(65,230)	(135,447)	(91,186)	(146,864)	-	(24,369)	(161,275)	79,195	(2,869,712)	(3,812,543)
	Increase/(Decrease)		-	221,831	(577,948)	(372,462)	(516,669)	(483,990)	(701,884)	(497,662)	(579,354)	(618,849)	(258,432)	849,861	(3,535,558)
0588301 - Miscellaneous Distribution Exp	058830I	2021	-	-	206	-	130	-	129	132	-	129	-	-	726
	058830I	2020	-	-	-	-	-	-	-	-	-	-	-	663	663
	Increase/(Decrease)		-	-	206	-	130	-	129	132	-	129	-	(663)	63
0588700 - Intcon Study Costs (D)	058870X	2021	-	-	-	-	-	-	-	-	241	446	410	1,104,658	1,105,756
	058870X	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
	Increase/(Decrease)		-	-	-	-	-	-	-	-	241	446	410	1,104,658	1,105,756
0589000 - Rents - Dist Oper	058900X	2021	-	-	-	-	19,130	-	20,500	-	500	103	-	-	40,233
	058900X	2020	10,724	15,933	-	6,124	17,355	-	40	600	365	-	-	-	51,140
	Increase/(Decrease)		(10,724)	(15,933)	-	(6,124)	1,775	-	20,460	(600)	135	103	-	-	(10,907)
0535000 - Supervsn and Engrng - Hydro Oper	053500X	2021	365,608	542,679	659,401	627,736	593,682	578,201	581,272	474,437	706,592	598,213	1,193,265	906,999	7,828,085
	053500X	2020	358,959	671,847	913,708	647,880	774,207	354,511	579,983	463,986	480,799	499,044	1,282,019	820,072	7,847,016
	Increase/(Decrease)		6,649	(129,168)	(254,307)	(20,144)	(180,525)	223,690	1,289	10,451	225,792	99,169	(88,754)	86,926	(18,932)
0537100 - Hydraulic Expenses	053710X	2021	969	31,779	1,062	906	87,832	794	17,370	833	785	684	1,354	17,203	161,572
	053710X	2020	990	962	948	922	952	915	80,892	15,400	929	512	974	1,043	105,439
	Increase/(Decrease)		(21)	30,817	114	(15)	86,880	(121)	(63,522)	(14,566)	(145)	172	379	16,161	56,132
0537400 - Recreation Expenses - Hydro	053740X	2021	45,396	143,698	(2,056,476)	77,388	38,365	30,314	63,258	50,531	34,287	53,420	34,915	50,925	(1,433,980)
	053740X	2020	73,692	91,474	(2,066,235)	152,637	101,080	25,599	162,206	131,645	(47,655)	31,256	26,230	(26,914)	(1,344,985)
	Increase/(Decrease)		(28,296)	52,224	9,759	(75,249)	(62,715)	4,715	(98,948)	(81,115)	81,942	22,164	8,685	77,839	(88,994)
0538100 - Electric Expenses - Other - Hydro	053810X	2021	406,323	381,982	390,027	434,632	423,825	438,238	599,380	451,745	412,523	399,018	406,412	630,487	5,374,592
	053810X	2020	496,978	397,055	391,453	392,911	411,902	397,931	540,669	395,261	405,043	416,258	439,224	563,818	5,248,503
	Increase/(Decrease)		(90,655)	(15,073)	(1,426)	41,721	11,923	40,307	58,711	56,484	7,479	(17,240)	(32,813)	66,670	126,089
0539000 - Misc Hydraulic Expenses	053900X	2021	670,028	760,733	656,157	653,586	574,961	616,154	1,738,016	709,230	706,884	792,819	757,480	793,988	9,430,035
	053900X	2020	651,388	668,343	672,090	588,763	623,606	676,653	636,479	729,706	609,831	683,356	751,865	746,978	8,039,057
	Increase/(Decrease)		18,640	92,390	(15,933)	64,823	(48,645)	(60,498)	1,101,537	(20,476)	97,053	109,462	5,615	47,010	1,390,978
0517000 - Supervsn and Engrng - Nuc Oper	051700X	2021	2,416,086	2,724,749	2,743,024	2,670,446	3,049,817	2,944,613	3,950,132	2,662,453	2,748,434	4,103,547	3,174,508	4,755,083	37,942,892
	051700X	2020	2,926,604	2,520,078	2,712,120	3,351,127	2,385,048	2,559,198	3,407,903	2,760,259	2,555,352	3,044,650	2,773,608	3,330,880	34,032,877
	Increase/(Decrease)		(510,517)	204,671	30,853	(686,681)	664,770	385,415	542,229	(97,806)	493,082	1,058,897	400,900	1,424,203	3,910,015

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0517001 - Sup and Engineer - NC	0517001	2021	75,243	75,243	74,734	22,389	49,138	76,425	76,425	75,753	(60,913)	(188,382)	(25,343)	(156,498)	94,214
	0517001	2020	68,307	60,709	(9,676)	(287,667)	(75,276)	23,341	66,261	65,854	(6,598)	(276,140)	(137,977)	67,444	(441,418)
		Increase/(Decrease)	6,936	14,534	84,410	310,056	124,415	53,084	10,164	9,899	(54,315)	87,757	112,634	(223,942)	535,632
0517002 - Sup and Engineer - SC	0517002	2021	25,875	25,875	25,700	7,699	16,898	26,289	26,289	26,058	(20,940)	(64,775)	(8,708)	(53,761)	32,500
	0517002	2020	23,893	21,296	(2,754)	(97,745)	(25,170)	624,848	640,895	22,552	(2,597)	(96,082)	(48,159)	23,204	(150,616)
		Increase/(Decrease)	1,983	4,579	28,455	105,444	42,069	18,095	3,536	3,506	(18,342)	31,307	39,451	(76,965)	183,117
0518510 - Oil in Aux Stm Gen Fac - Nuc Opr	0518510	2021	-	15	45	-	150	123	381	97	-	-	-	-	811
	0518510	2020	2,736	2,519	171	954	633	24	2,058	91	31	33	127	48	9,425
		Increase/(Decrease)	(2,736)	(2,503)	(126)	(954)	(483)	99	(1,677)	6	(31)	(33)	(127)	(48)	(8,613)
0518530 - Diesel Unit Oil Cons - Nuc Oper	0518530	2021	47,162	17,471	2,933	63,663	1,743	37,316	94,376	17,509	17,853	16,051	5,537	22,541	344,155
	0518530	2020	4,497	43,596	-	61,054	-	1,367	122,492	39,645	86,323	-	41,670	6,068	406,712
		Increase/(Decrease)	42,665	(26,125)	2,933	2,609	1,743	35,948	(28,116)	(22,136)	(68,470)	16,051	(36,133)	16,473	(62,557)
0519000 - Coolants and Water - Nuc Oper	0519000	2021	506,215	677,855	570,506	500,957	509,685	548,640	678,381	609,965	536,556	648,063	697,769	1,004,564	7,489,155
	0519000	2020	748,457	592,119	610,933	763,203	671,117	624,848	640,895	574,203	571,077	725,542	578,554	1,035,663	8,136,612
		Increase/(Decrease)	(242,242)	85,736	(40,428)	(262,246)	(161,433)	(76,208)	37,486	35,762	(34,521)	(77,479)	119,215	(31,098)	(647,456)
0519001 - Coolants and Water Nuc Op - NC	0519001	2021	11,242	332	9,181	7,932	26,384	10,761	10,761	10,761	(10,334)	(46,111)	3,700	(22,262)	12,346
	0519001	2020	10,628	9,963	2,387	(50,982)	(3,639)	9,793	10,857	9,903	1,087	(40,684)	(35,419)	10,911	(65,186)
		Increase/(Decrease)	614	(9,632)	6,794	58,915	30,013	968	(96)	858	(11,421)	(5,428)	39,118	(33,173)	77,532
0519002 - Coolants and Water Nuc Op - SC	0519002	2021	3,869	117	3,160	2,731	9,076	3,705	3,705	3,705	(3,549)	(15,853)	1,277	(7,644)	4,298
	0519002	2020	3,727	3,500	911	(17,325)	(1,144)	3,392	3,743	3,401	343	(14,145)	(12,319)	3,766	(22,149)
		Increase/(Decrease)	142	(3,383)	2,249	20,056	10,220	313	(39)	304	(3,893)	(1,707)	13,595	(11,410)	26,448
0520000 - Steam Expenses - Nuc Oper	0520000	2021	1,913,942	2,459,244	1,729,833	3,168,196	2,697,397	2,196,366	1,701,604	3,644,578	4,664,491	3,345,634	4,226,744	5,116,727	36,864,755
	0520000	2020	2,831,144	2,310,266	3,061,064	6,322,526	3,316,436	2,065,730	2,905,296	2,641,933	4,034,690	5,435,178	3,231,515	3,722,518	41,878,296
		Increase/(Decrease)	(917,202)	148,978	(1,331,232)	(3,154,331)	(619,039)	130,637	(1,203,692)	1,002,644	629,801	(2,089,545)	995,229	1,394,210	(5,013,540)
0520001 - Steam Exp Nuc Op - NC	0520001	2021	386,352	386,036	303,399	134,413	354,981	388,407	388,407	114,744	(655,316)	(185,984)	(625,279)	(101,457)	888,701
	0520001	2020	491,001	368,062	(243,908)	(1,255,870)	(25,313)	250,912	385,252	337,670	(308,186)	(1,124,810)	(127,557)	174,550	(1,078,197)
		Increase/(Decrease)	(104,649)	17,973	547,307	1,390,283	380,293	137,495	3,155	(222,926)	(347,131)	938,826	(497,722)	(276,008)	1,966,898
0520002 - Steam Exp Nuc Op - SC	0520002	2021	132,774	132,665	104,247	46,135	121,985	133,520	133,520	39,412	(225,401)	(64,004)	(215,071)	(34,771)	305,011
	0520002	2020	171,944	129,936	(79,176)	(424,966)	(4,482)	88,275	132,956	116,415	(108,126)	(391,123)	(45,214)	60,017	(353,545)
		Increase/(Decrease)	(39,170)	2,729	183,424	471,102	126,467	45,245	564	(77,004)	(117,275)	327,119	(169,858)	(94,788)	658,556
0523000 - Electric Expenses	0523000	2021	1,588,181	1,604,836	1,671,465	1,357,704	1,726,561	1,569,211	2,277,947	1,517,244	1,609,255	1,749,569	1,718,978	2,227,602	20,618,553
	0523000	2020	2,184,049	1,642,368	1,610,680	1,858,271	1,779,510	1,575,467	2,209,156	1,564,076	1,585,022	1,712,119	1,826,191	2,261,787	21,808,695
		Increase/(Decrease)	(595,868)	(37,532)	60,784	(500,567)	(52,949)	(6,256)	68,791	(46,831)	24,234	37,449	(107,212)	(34,185)	(1,190,142)
0523001 - Electric Exp - NC	0523001	2021	48,654	48,654	48,569	39,855	44,317	48,851	48,851	48,739	26,096	4,520	7,323	(100,926)	313,505
	0523001	2020	66,437	56,120	48,713	(114,304)	(118,634)	54,262	50,297	50,217	38,142	(54,805)	(185,793)	46,715	(62,634)
		Increase/(Decrease)	(17,783)	(7,466)	(143)	154,160	162,952	(5,411)	(1,446)	(1,478)	(12,046)	59,325	193,116	(147,641)	376,139
0523002 - Electric Exp - SC	0523002	2021	16,707	16,707	16,678	13,681	15,216	16,776	16,776	16,738	8,951	1,531	2,495	(34,722)	107,536
	0523002	2020	23,290	19,865	17,333	(38,370)	(39,850)	19,175	17,422	17,394	13,203	(19,025)	(64,470)	16,196	(17,738)
		Increase/(Decrease)	(6,683)	(3,157)	(655)	52,051	55,065	(2,398)	(656)	(657)	(4,252)	20,567	66,965	(50,918)	125,274
0524000 - Misc Expenses - Nuc Oper	0524000	2021	14,892,556	13,094,885	12,256,557	12,668,927	13,137,744	11,987,888	13,309,047	15,107,700	13,919,771	13,197,634	14,513,772	16,605,953	164,692,433
	0524000	2020	16,731,254	14,830,430	13,108,661	20,349,894	8,534,066	14,778,214	11,876,648	12,192,285	12,022,991	14,280,731	14,273,504	162,095,033	
		Increase/(Decrease)	(1,838,698)	(1,735,545)	(852,104)	(7,680,967)	4,603,678	2,871,533	(1,469,167)	3,231,052	1,727,486	1,174,643	233,041	2,332,449	2,597,401
0524001 - Misc Exp Nuc - NC	0524001	2021	54,605	54,605	51,651	8,951	39,677	55,145	55,145	64,040	(29,177)	(75,019)	(2,069,005)	1,998,134	208,753
	0524001	2020	64,811	33,008	(37,455)	(4,634,903)	2,641,626	1,839,579	55,786	60,092	23,915	(126,491)	(612,320)	571,691	(120,660)
		Increase/(Decrease)	(10,206)	21,597	89,106	4,643,853	(2,601,949)	(1,784,434)	(641)	3,948	(53,092)	51,472	(1,456,685)	1,426,443	329,413
0524002 - Misc Exp Nuc - SC	0524002	2021	18,749	18,749	17,733	3,049	13,616	18,942	18,942	22,000	(10,056)	(25,820)	(711,523)	687,138	71,519
	0524002	2020	22,856	11,952	(12,266)	(1,576,162)	903,323	629,130	19,280	23,555	8,188	(44,002)	(212,505)	198,221	(28,291)
		Increase/(Decrease)	(4,107)	6,798	29,859	1,579,211	(889,707)	(610,188)	(339)	(1,554)	(18,244)	18,182	(499,017)	488,917	99,811

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0524400 - Misc Expenses-Nuc Oper - Recoverable	052440X	2021	-	-	-	-	-	-	197	-	-	-	-	-	197
	052440X	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	-	197	-	-	-	-	-	197
0524410 - Nuclear Misc Expense - NCRC Rec	052441C	2021	(144)	-	-	253	599	-	-	430	7,432	428	-	-	8,998
	052441C	2020	-	25	25	776	25	25	25	25	25	25	-	1,504	2,477
		Increase/(Decrease)	(144)	(25)	(25)	(523)	574	(25)	(25)	405	7,407	404	-	(1,504)	6,521
0556000 - System Cnts & Load Dispatching	055600X	2021	-	11,976	-	-	-	296	-	-	4,267	-	-	-	16,539
	055600X	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	11,976	-	-	-	296	-	-	4,267	-	-	-	16,539
0557000 - Other Expenses - Oper	055700X	2021	6,139,628	7,167,060	7,455,152	10,277,170	7,745,856	8,103,750	9,605,114	10,500,590	11,281,728	12,178,286	9,006,027	11,773,768	111,234,129
	055700X	2020	9,612,102	9,367,631	9,617,082	9,177,082	6,391,861	8,748,004	10,415,619	9,587,918	10,793,328	10,322,072	8,984,248	10,871,227	113,888,373
		Increase/(Decrease)	(3,472,474)	(2,200,571)	(2,161,929)	1,099,889	1,353,995	(644,254)	(810,505)	912,672	488,400	1,856,214	21,778	902,541	(2,654,244)
0911000 - Supervision	091100X	2021	-	-	-	-	181	-	351	922	-	-	401	150	2,005
	091100X	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	181	-	351	922	-	-	401	150	2,005
0912000 - Demonstrating and Selling Exp	091200X	2021	1,225,726	1,331,395	1,637,504	2,850,160	(432,554)	1,114,311	1,509,088	1,382,540	1,813,471	880,006	1,717,547	1,971,719	17,000,912
	091200X	2020	1,554,115	1,030,542	1,087,725	1,695,923	1,326,940	1,548,465	1,392,901	1,146,866	1,076,507	1,595,208	1,219,786	2,173,030	16,848,009
		Increase/(Decrease)	(328,389)	300,853	549,779	1,154,237	(1,759,494)	(434,155)	116,187	235,673	736,963	(715,202)	497,761	(201,311)	152,902
0912100 - Demonstration & Sell-Proj Supt - NCRC Rec	091210X	2021	-	-	-	-	-	15,242	-	(15,242)	-	-	-	-	-
	091210X	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	15,242	-	(15,242)	-	-	-	-	-
0912200 - EV Employee Incentive	091220X	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	091220X	2020	57,836	(142,909)	-	4,132	-	-	-	-	-	-	-	-	(80,942)
		Increase/(Decrease)	(57,836)	142,909	-	(4,132)	-	-	-	-	-	-	-	-	80,942
0913001 - Advertising Expense	091300X	2021	31,259	99,799	21,364	284,067	33,457	73,303	96,618	(240,537)	48,874	75,501	49,137	(225,413)	347,428
	091300X	2020	17,303	41,701	113,840	14,881	115,905	6,101	110,593	(24,774)	61,947	99,470	49,205	(107,732)	498,440
		Increase/(Decrease)	13,956	58,098	(92,476)	269,186	(82,448)	67,202	(13,975)	(215,762)	(13,074)	(23,970)	(69)	(117,680)	(151,013)
0916000 - Miscellaneous Sales Expense	091600X	2021	21,351	28,599	17,723	24,264	19,499	9,896	50,372	24,610	22,573	46,512	10,903	11,676	287,978
	091600X	2020	41,350	15,913	26,584	13,098	14,175	53,727	23,884	22,891	7,608	34,057	1,274	28,719	283,279
		Increase/(Decrease)	(20,000)	12,686	(8,860)	11,166	5,324	(43,830)	26,488	1,719	14,965	12,455	9,630	(17,043)	4,699
0500000 - Suprvsn and Engrg - Steam Oper	050000X	2021	662,348	894,132	897,805	872,183	856,543	950,310	838,258	911,412	848,074	894,432	857,007	1,258,478	10,740,984
	050000X	2020	1,034,038	1,014,593	966,557	962,766	937,658	901,543	995,416	1,006,367	1,021,741	799,244	921,669	1,319,746	11,881,339
		Increase/(Decrease)	(371,690)	(120,461)	(68,752)	(90,583)	(81,114)	48,766	(157,158)	(94,955)	(173,667)	95,188	(64,663)	(61,267)	(1,140,355)
0500100 - Fossil Oper Superv&Engineer-Re	050010X	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	050010X	2020	-	-	-	-	187	24	-	-	-	-	-	-	212
		Increase/(Decrease)	-	-	-	-	(187)	(24)	-	-	-	-	-	-	(212)
0501150 - Coal Handling	050115X	2021	338,329	522,359	565,697	555,331	488,112	616,562	680,849	565,161	700,621	423,618	654,103	650,140	6,760,881
	050115X	2020	877,190	612,238	528,766	451,877	279,097	402,184	611,964	609,436	288,373	534,327	601,744	544,804	6,342,091
		Increase/(Decrease)	(538,861)	(89,969)	36,930	103,454	209,014	214,378	68,885	(44,275)	412,248	(110,709)	52,360	105,335	418,789
0501160 - Coal Sampling and Testing	050116X	2021	1,625	-	-	-	-	-	-	-	-	358	302	6,117	8,402
	050116X	2020	-	-	-	-	-	27	-	-	-	-	-	-	27
		Increase/(Decrease)	1,625	-	-	-	-	(27)	-	-	-	358	302	6,117	8,374
0501180 - Sale of Fly Ash - Revenues	050118X	2021	(36,174)	35,233	(19,708)	(184,731)	1,063	(76,430)	(70,393)	(101,401)	(1,803)	(32,971)	(46,011)	(40,397)	(573,721)
	050118X	2020	(358,635)	30,376	(168,056)	(141,922)	28,779	(78,145)	(122,696)	(141,186)	(282,764)	(68,431)	3,016	(26,395)	(1,326,057)
		Increase/(Decrease)	322,461	4,857	148,348	(42,809)	(27,716)	1,715	52,303	39,785	280,961	35,460	(49,027)	(14,003)	752,336
0501190 - Sale of Fly Ash - Expenses	050119X	2021	464,960	244,835	(50,478)	985,120	41,612	364,957	227,300	309,634	248,434	472,289	87,678	92,063	3,488,403
	050119X	2020	272,696	13,245	460,357	(211,166)	451,571	(46,263)	758,829	337,535	159,314	342,580	423,480	257,511	3,219,688
		Increase/(Decrease)	192,264	231,591	(510,835)	1,196,286	(409,959)	411,219	(531,529)	(27,901)	89,120	129,709	(335,802)	(165,448)	268,714

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0502020 - Ammonia - Qualifying	050202X	2021	51,382	374,492	45,048	397,493	257,649	(275,816)	368,382	508,570	221,254	265,878	176,143	238,646	2,629,120
	050202X	2020	275,402	118,656	(30,325)	107,253	31,537	335,134	300,814	514,214	(109,299)	45,389	78,266	106,509	1,773,551
		Increase/(Decrease)	(224,020)	255,836	75,372	290,241	226,111	(610,949)	67,568	(5,644)	330,553	220,489	97,877	132,136	855,569
0502030 - Urea - Qualifying	050203X	2021	36,186	138,848	8,501	-	-	-	-	49,368	62,844	32,220	9,783	51,650	389,401
	050203X	2020	31,066	13,828	12,250	-	15,656	91,228	106,469	71,910	43,584	-	56,075	50,674	492,740
		Increase/(Decrease)	5,120	125,020	(3,749)	-	(15,656)	(91,228)	(106,469)	(22,541)	19,260	32,220	(46,292)	977	(103,339)
0502040 - Cost of Lime	050204X	2021	1,006,229	1,429,862	954,950	1,123,813	1,303,134	1,479,768	1,404,225	1,627,698	1,235,666	585,612	409,714	460,205	13,020,877
	050204X	2020	1,066,953	646,517	613,353	840,915	813,266	1,446,891	1,727,069	2,300,209	962,717	696,917	1,217,201	1,245,462	13,577,468
		Increase/(Decrease)	(60,724)	783,345	341,597	282,897	489,869	32,778	(322,844)	(672,511)	272,949	(111,305)	(807,487)	(785,257)	(556,591)
0502070 - Gypsum - Qualifying	050207X	2021	165,124	911,805	721,597	739,249	468,247	372,978	582,686	535,383	542,309	591,722	314,420	498,314	6,443,834
	050207X	2020	947,262	1,008,962	588,411	539,130	1,157,661	1,058,191	776,441	1,058,484	516,252	942,337	661,881	1,082,229	10,024,242
		Increase/(Decrease)	(782,137)	(97,157)	133,186	200,118	(689,413)	(685,213)	(193,755)	(210,101)	26,057	(350,616)	(347,462)	(583,915)	(3,580,408)
0502080 - Mag Hydroxide Qualifying Reag	050208X	2021	110,985	68,632	28,078	54,181	66,171	244,131	56,815	100,715	122,055	34,868	27,202	19,064	932,897
	050208X	2020	110,844	31,535	37,727	25,317	19,918	39,368	127,856	115,080	110,427	23,913	65,855	113,560	821,398
		Increase/(Decrease)	141	37,096	(9,649)	28,864	46,253	204,764	(71,040)	(14,365)	11,628	10,955	(38,653)	(94,495)	111,499
0502082 - Re-emission Chem Exp - Reagent	050208X	2021	-	-	-	-	-	10,521	-	21,043	-	68,592	216,535	-	316,690
	050208X	2020	-	-	-	-	-	-	144,726	139,154	-	40,737	20,521	-	345,138
		Increase/(Decrease)	-	-	-	-	-	10,521	(144,726)	(118,111)	-	27,855	196,014	-	(28,448)
0502083 - Activated Carbon Exp - Reagent	050208X	2021	-	-	-	-	-	-	95,598	263,220	112	-	-	-	358,930
	050208X	2020	3,256	-	-	17,084	300	2,837	(300)	-	-	2,315	-	-	25,493
		Increase/(Decrease)	(3,256)	-	-	(17,084)	(300)	(2,837)	95,898	263,220	112	(2,315)	-	-	333,437
0502090 - Calcium Carbonate	050209X	2021	64,487	41,483	16,543	31,444	40,593	162,884	36,640	71,724	65,945	20,201	17,310	12,811	582,066
	050209X	2020	63,729	20,461	24,680	16,875	12,799	49,015	73,624	75,263	64,124	16,039	39,370	68,825	524,803
		Increase/(Decrease)	758	21,022	(8,136)	14,569	27,794	113,869	(36,984)	(3,538)	1,821	4,162	(22,060)	(56,014)	57,263
0502100 - Fossil Steam Exp - Other	050210X	2021	1,566,174	1,368,319	1,324,109	1,328,136	1,291,526	1,293,529	2,006,341	1,584,209	1,669,601	1,287,368	1,217,336	1,952,863	17,889,511
	050210X	2020	2,347,224	1,483,478	1,615,780	1,642,105	1,631,994	1,290,218	2,315,938	1,691,847	1,506,390	1,419,060	1,389,980	2,293,257	20,627,270
		Increase/(Decrease)	(781,050)	(115,159)	(291,672)	(313,969)	(340,468)	3,311	(309,597)	(107,637)	163,210	(131,691)	(172,643)	(340,395)	(2,737,759)
0502410 - Steam Oper-Bottom Ash/Fly Ash FL	050241X	2021	-	-	-	-	-	-	933	280	-	-	185	-	1,398
	050241X	2020	661	-	-	391	-	-	-	355	29	1,266	1,114	236	4,053
		Increase/(Decrease)	(661)	-	-	(391)	-	-	933	(75)	(29)	(1,266)	(929)	(236)	(2,655)
0505000 - Electric Expenses - Steam Oper	050500X	2021	510,412	490,923	470,262	456,787	430,889	436,363	740,773	549,027	554,260	495,997	413,221	742,574	6,291,489
	050500X	2020	835,862	541,605	516,837	561,308	539,187	515,700	889,265	605,827	520,713	499,532	518,582	801,667	7,346,083
		Increase/(Decrease)	(325,449)	(50,681)	(46,575)	(104,521)	(108,297)	(79,337)	(148,492)	(56,800)	33,547	(3,536)	(105,361)	(59,093)	(1,054,593)
0506000 - Misc Fossil Power Expenses	050600X	2021	842,245	882,474	1,642,620	735,698	619,969	543,547	817,320	797,403	619,606	726,227	753,324	856,342	9,836,774
	050600X	2020	970,340	989,056	2,018,170	1,401,499	1,272,302	570,924	989,336	1,089,802	1,080,285	860,968	938,885	1,051,684	13,233,252
		Increase/(Decrease)	(128,095)	(106,582)	(375,551)	(665,801)	(652,332)	(27,377)	(172,016)	(292,400)	(460,679)	(134,741)	(185,561)	(195,342)	(3,396,478)
0560000 - Supervsn and Engrng - Trans Oper	056000X	2021	1,472	1,400	1,862	1,452	1,867	1,827	1,913	1,315	1,159	2,179	1,245	1,236	18,921
	056000X	2020	792	733	1,165	1,168	1,975	49,669	1,450	1,713	1,582	2,058	1,503	(46,970)	16,840
		Increase/(Decrease)	679	666	697	284	(108)	(47,842)	463	(398)	(429)	121	(259)	48,206	2,081
0561100 - Load Dispatch - Reliability	056110X	2021	1,049	65,419	353,441	12,347	13,262	261,201	42,687	14,831	298,139	23,589	31,041	372,401	1,489,407
	056110X	2020	(135,092)	22,907	312,724	354,170	758,545	(730,461)	23,907	19,284	270,095	17,066	54,924	254,472	1,222,541
		Increase/(Decrease)	136,141	42,512	40,717	(341,823)	(745,283)	991,661	18,780	(4,453)	28,044	6,523	(23,882)	117,929	266,866
0561200 - Load Dispatch - MnitordandOprtrmsys	056120X	2021	740,834	785,231	751,545	770,837	768,475	444,130	747,016	708,360	730,480	751,723	801,509	825,199	8,825,339
	056120X	2020	849,792	709,614	684,788	738,942	737,839	710,912	443,486	580,737	651,227	593,001	677,375	885,802	8,263,517
		Increase/(Decrease)	(108,958)	75,617	66,757	31,896	30,636	(266,782)	303,529	127,623	79,253	158,722	124,133	(60,603)	561,822
0561300 - Load Dispatch - TranssvandSch	056130X	2021	26,380	41,537	30,346	27,419	27,504	26,933	28,982	27,647	32,626	30,907	35,520	28,317	364,119
	056130X	2020	71,955	58,133	46,969	56,833	57,044	54,013	54,816	52,372	51,965	52,325	57,450	62,907	676,782
		Increase/(Decrease)	(45,575)	(16,596)	(16,623)	(29,415)	(29,540)	(27,079)	(25,834)	(24,725)	(19,339)	(21,418)	(21,930)	(34,590)	(312,664)

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0561500 - Reliability Planning and Stddev	056150X	2021	31,655	(12,576)	10,958	9,622	9,500	9,605	11,151	50,831	10,250	57,107	67,208	11,052	266,364
	056150X	2020	28,363	8,038	8,798	6,375	5,354	5,885	8,675	56,171	(27,825)	181,495	9,683	(16,620)	274,392
		Increase/(Decrease)	3,293	(20,614)	2,161	3,247	4,146	3,720	2,477	(5,341)	38,075	(124,388)	57,524	27,672	(8,028)
0561600 - Trans Svc Studios	056160X	2021	(1,240)	2,143	396	-	116	88	203	(10,692)	(34,956)	651	13,177	1,767	(28,347)
	056160X	2020	8,212	2,488	591	1,161	2,725	5,133	1,639	2,913	6,524	7,161	5,228	(13,685)	30,091
		Increase/(Decrease)	(9,452)	(345)	(195)	(1,161)	(2,610)	(5,045)	(1,436)	(13,604)	(41,480)	(6,510)	7,949	15,452	(58,438)
0561601 - Trans Study Reimbursement	0561601	2021	1,240	(2,143)	(396)	-	(116)	(88)	(203)	10,692	34,956	(646)	(12,609)	(1,767)	28,920
	0561601	2020	-	-	-	-	-	(24,236)	2,287	(2,913)	(6,524)	(7,611)	(4,778)	13,685	(30,091)
		Increase/(Decrease)	1,240	(2,143)	(396)	-	(116)	24,149	(2,490)	13,604	41,480	6,965	(7,831)	(15,452)	59,010
0561700 - Incon Study Costs (T)	056170X	2021	17,936	(1,476)	13,414	66,457	30,784	25,454	14,653	77,604	72,370	6,602	4,995	4,110	332,903
	056170X	2020	113	170	70	1,008	1,001	1,591	605	488	16,056	29,530	51,322	66,105	168,059
		Increase/(Decrease)	17,822	(1,647)	13,345	65,450	29,782	23,863	14,049	77,115	56,314	(22,928)	(46,327)	(61,994)	164,844
0561701 - Intcon Study Costs Reim (T)	0561701	2021	(17,936)	1,476	(13,025)	(65,809)	(30,784)	(25,454)	(14,653)	(77,604)	(72,370)	(6,301)	(4,780)	(4,110)	(331,349)
	0561701	2020	-	-	-	-	-	-	(4,558)	(488)	(16,056)	(28,392)	(52,459)	(66,105)	(168,059)
		Increase/(Decrease)	(17,936)	1,476	(13,025)	(65,809)	(30,784)	(25,454)	(10,095)	(77,115)	(56,314)	22,092	47,680	61,994	(163,290)
0562000 - Station Expenses	056200X	2021	263,095	288,775	297,048	305,315	271,849	158,873	195,181	233,313	109,286	160,889	126,312	432,526	2,842,461
	056200X	2020	109,444	63,197	109,217	116,761	101,661	161,884	128,328	185,234	193,729	176,824	258,851	181,508	1,786,638
		Increase/(Decrease)	153,651	225,578	187,831	188,554	170,188	(3,011)	66,853	48,079	(84,444)	(15,934)	(132,538)	251,018	1,055,823
0563000 - Overhead Line Expenses - Trans	056300X	2021	25,919	943	151,259	203,722	71,082	135,598	14,655	(27,790)	55,346	68,446	7,752	97,232	804,165
	056300X	2020	46,376	7,557	100,128	204,781	146,113	55,965	17,615	17,981	241,130	192,354	36,633	(82,623)	984,009
		Increase/(Decrease)	(20,456)	(6,613)	51,131	(1,059)	(75,031)	79,633	(2,960)	(45,771)	(185,784)	(123,908)	(28,880)	179,855	(179,844)
0565000 - Transm of Elec By Others	056500X	2021	33,743	34,625	33,788	29,291	28,703	28,783	26,763	30,632	28,612	26,593	28,612	30,668	360,813
	056500X	2020	31,693	31,707	31,707	31,707	31,707	31,707	32,600	31,301	32,000	32,000	34,798	35,231	388,160
		Increase/(Decrease)	2,050	2,917	2,081	(2,416)	(3,004)	(2,925)	(5,837)	(669)	(3,388)	(5,407)	(6,186)	(4,564)	(27,348)
0565016 - I/C Joint Disp - Trans NW Exp	0565016	2021	281,648	442,960	132,816	216,442	81,452	135,892	150,254	274,233	237,498	101,277	-	898,091	2,952,562
	0565016	2020	211,173	105,876	10,941	46,799	99,384	65,367	259,612	177,494	186,916	73,050	146,356	256,286	1,639,255
		Increase/(Decrease)	70,475	337,084	121,875	169,642	(17,932)	70,525	(109,358)	96,740	50,581	28,227	(146,356)	641,805	1,313,307
0566000 - Misc Trans Exp - Other	056600X	2021	762,094	326,725	565,968	462,529	798,850	1,577,865	622,375	526,288	667,015	1,643,591	749,928	1,048,196	9,751,424
	056600X	2020	650,195	552,133	628,329	159,972	795,201	229,357	607,465	392,037	357,698	786,516	977,286	694,798	6,830,988
		Increase/(Decrease)	111,899	(225,407)	(62,361)	302,557	3,649	1,348,508	14,910	134,250	309,318	857,074	(227,358)	353,398	2,920,436
0566100 - Misc Trans - Trans Lines Related	056610X	2021	8,151	17,612	20,963	9,776	9,493	9,049	8,174	13,236	11,793	6,209	32,063	5,152	151,672
	056610X	2020	42,000	-	-	-	-	-	-	-	5,000	23,500	-	-	70,500
		Increase/(Decrease)	(33,849)	17,612	20,963	9,776	9,493	9,049	8,174	13,236	6,793	(17,291)	32,063	5,152	81,172
0567000 - Rents - Trans Oper	056700X	2021	63	274	214	52	71,480	1,742	361	310	207	2,850	66,862	17,259	161,672
	056700X	2020	68	1,964	59	427	63	218	1,594	114	484	126	253	105	5,477
		Increase/(Decrease)	(5)	(1,690)	154	(376)	71,417	1,524	(1,233)	196	(278)	2,724	66,609	17,154	156,196
0852000 - Communication System Expenses	085200X	2021	(1,800)	-	-	-	-	-	-	-	-	-	-	-	(1,800)
	085200X	2020	-	-	-	-	-	-	-	-	-	-	-	1,800	1,800
		Increase/(Decrease)	(1,800)	-	-	-	-	-	-	-	-	-	-	(1,800)	(3,600)
0870000 - Distribution Sys Ops - Supv/Eng	087000X	2021	-	-	161	-	-	-	-	57	-	-	-	-	218
	087000X	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	161	-	-	-	-	57	-	-	-	-	218
0401100 - Non-reg Operation Expense	040110X	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	040110X	2020	-	-	3,460	-	-	-	-	-	-	-	-	-	3,460
		Increase/(Decrease)	-	-	(3,460)	-	-	-	-	-	-	-	-	-	(3,460)
0403100 - Depr of Steam Prod Plant	040310X	2021	25,240,885	25,315,526	25,317,298	24,921,261	24,928,564	28,835,300	28,842,264	28,861,972	29,000,603	29,006,851	29,038,806	29,119,063	328,428,393
	040310X	2020	24,737,046	24,907,404	25,274,072	24,932,244	24,940,492	24,938,810	24,942,941	24,951,775	24,956,444	24,963,714	24,969,226	25,054,618	299,568,783
		Increase/(Decrease)	503,840	408,123	43,226	(10,983)	(11,928)	3,896,490	3,899,324	3,910,197	4,044,159	4,043,137	4,069,581	4,064,444	28,859,610

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0403103 - Lease-Depr In rate base Plant	040310:	2021	228,724	228,724	228,724	228,724	228,724	228,724	228,724	228,724	228,724	228,724	228,724	228,724	2,744,687
	040310:	2020	533,185	564,893	(443,614)	228,724	228,724	228,724	228,724	260,431	228,724	228,724	228,724	228,724	2,744,687
	Increase/(Decrease)		(304,461)	(336,169)	672,338	(0)	0	-	(0)	(31,708)	0	(0)	0	(0)	1
0403111 - Depr Steam Prdn Plt- SC	040311:	2021	(47,107)	(47,107)	(47,107)	(47,107)	(47,107)	(113,733)	(113,733)	(113,733)	24,660	(133,881)	(134,356)	(134,733)	(955,043)
	040311:	2020	(47,096)	(47,570)	(47,678)	(47,686)	(42,901)	(47,104)	(47,104)	(47,104)	(47,104)	(47,107)	(47,107)	(47,107)	(562,666)
	Increase/(Decrease)		(11)	463	571	579	(4,206)	(66,629)	(66,629)	(66,629)	71,764	(86,777)	(87,249)	(87,627)	(392,378)
0403200 - Depr of Hydro Prod Plant	040320:	2021	3,793,986	3,801,421	3,808,530	3,844,698	3,849,351	4,120,956	4,119,989	4,122,107	4,131,649	4,133,037	4,157,243	4,165,730	48,048,698
	040320:	2020	3,580,010	3,604,221	3,673,114	3,683,221	3,710,562	3,707,907	3,720,613	3,726,381	3,743,499	3,747,049	3,770,031	3,773,664	44,404,272
	Increase/(Decrease)		213,976	197,200	135,416	161,477	138,789	413,049	399,376	395,727	388,150	385,989	387,213	392,065	3,608,425
0403201 - Depr Hydro Prod Plnt - Sec 124	040320:	2021	-	-	75,677	-	-	-	-	-	-	-	-	-	75,677
	040320:	2020	-	-	-	75,974	-	-	-	-	-	-	-	-	75,974
	Increase/(Decrease)		-	-	75,677	(75,974)	-	-	-	-	-	-	-	-	(297)
0403211 - Depr of Hydro Prod - SC	040321:	2021	(414)	(414)	(414)	(414)	(414)	(414)	(414)	(414)	(414)	(414)	(414)	(414)	(4,963)
	040321:	2020	(414)	(414)	(414)	(414)	(414)	(414)	(414)	(414)	(414)	(414)	(414)	(414)	(4,963)
	Increase/(Decrease)		-	-	-	-	-	-	-	-	-	-	-	-	-
0403300 - Depr of Transm Plant	040330:	2021	7,867,718	7,893,134	7,966,698	7,984,217	8,025,023	6,782,311	6,801,975	6,840,932	6,852,576	6,888,738	6,902,037	6,954,656	87,760,015
	040330:	2020	7,428,710	7,482,246	7,503,666	7,630,518	7,615,982	7,640,368	7,670,987	7,695,688	7,744,347	7,738,966	7,751,940	7,839,696	91,743,115
	Increase/(Decrease)		439,008	410,888	463,032	353,699	409,040	(858,058)	(869,012)	(854,756)	(891,770)	(850,228)	(849,903)	(885,040)	(3,983,099)
0403311 - Depr Transm Plt - SC	040331:	2021	(11,163)	(11,893)	(132,836)	(79,551)	(85,036)	(91,174)	(76,056)	(101,873)	(112,035)	(113,896)	(116,163)	(236,361)	(1,168,096)
	040331:	2020	(11,163)	(50,859)	(54,945)	(61,293)	(71,636)	(65,040)	(27,079)	(53,088)	(54,930)	(55,433)	(55,458)	(110,931)	(671,856)
	Increase/(Decrease)		-	38,966	(77,891)	(18,258)	(13,399)	(26,134)	(48,977)	(48,785)	(57,105)	(58,463)	(60,705)	(125,430)	(496,180)
0403350 - IC Lease - Depr of CT Plant	040335:	2021	2,612,297	2,612,297	2,621,519	2,615,729	2,616,162	2,616,841	2,612,297	2,618,242	2,622,489	2,622,117	2,616,841	2,654,665	31,434,498
	040335:	2020	194,872	194,845	4,962,533	2,958,396	4,034,430	3,112,115	3,112,115	3,112,115	3,080,888	2,401,681	3,019,546	2,414,816	32,598,354
	Increase/(Decrease)		2,417,425	2,417,452	(2,341,013)	(342,667)	(1,418,269)	(495,274)	(499,818)	(495,873)	(468,399)	220,436	(402,705)	239,849	(1,163,856)
0403360 - Lease-Depr In rate base Plt IC	040336:	2021	(1,986,283)	(1,986,320)	(1,995,566)	(1,989,803)	(1,993,219)	(1,990,964)	(1,986,447)	(1,992,421)	(1,986,697)	(1,996,353)	(1,991,106)	(2,028,959)	(23,924,137)
	040336:	2020	-	-	(3,422,885)	(2,427,281)	(2,794,733)	(2,230,220)	(3,393,046)	(2,519,413)	(2,456,506)	(1,777,325)	(2,383,019)	(1,788,773)	(25,193,201)
	Increase/(Decrease)		(1,986,283)	(1,986,320)	1,427,319	437,478	801,514	239,256	1,406,599	526,992	469,809	(219,028)	391,913	(240,186)	1,269,064
0403400 - Depr of Distribution Plant	040340:	2021	24,984,880	25,070,679	25,184,541	25,284,768	25,379,862	25,508,106	25,567,938	25,688,147	25,832,023	25,879,006	25,963,189	26,067,077	306,410,216
	040340:	2020	23,530,111	23,687,068	23,824,167	23,939,581	24,031,949	24,133,089	24,259,565	24,301,460	24,450,211	24,609,424	24,671,301	24,819,849	290,257,776
	Increase/(Decrease)		1,454,769	1,383,611	1,360,374	1,345,187	1,347,913	1,375,017	1,308,373	1,386,687	1,381,812	1,269,582	1,291,887	1,247,228	16,152,439
0403410 - Depr Distribn - NC	040341:	2021	-	-	(105,414)	-	-	(138,958)	-	-	(170,038)	-	(70,276)	(29,486)	(514,172)
	040341:	2020	(9,365)	-	(70,941)	-	-	(38,682)	-	-	(105,414)	-	-	(105,414)	(329,815)
	Increase/(Decrease)		9,365	-	(34,473)	-	-	(100,276)	-	-	(64,624)	-	(70,276)	75,928	(184,356)
0403411 - Depr Distribn - SC	040341:	2021	55,646	55,525	(371,852)	(154,134)	(176,286)	(258,064)	(61,692)	(197,567)	(276,842)	(220,174)	(245,130)	(670,870)	(2,521,441)
	040341:	2020	996	(1,277)	(48,868)	(1,423)	(8,423)	(124,132)	(21,040)	(23,815)	(85,985)	(34,807)	(39,051)	(460,634)	(848,458)
	Increase/(Decrease)		54,649	56,802	(322,984)	(152,712)	(167,863)	(133,932)	(40,652)	(173,752)	(190,857)	(185,367)	(206,079)	(210,237)	(1,672,983)
0403500 - Depr of General Plant	040350:	2021	5,583,835	5,694,875	5,754,264	5,804,091	5,781,927	5,298,498	5,259,683	4,691,731	5,043,301	4,802,797	4,841,331	4,800,983	63,357,316
	040350:	2020	4,969,606	5,056,142	5,658,444	5,167,386	5,379,515	5,419,875	5,469,556	5,504,417	5,166,900	5,260,572	5,310,915	5,385,260	63,748,588
	Increase/(Decrease)		614,229	638,733	95,820	636,705	402,412	(121,377)	(209,873)	(812,686)	(123,599)	(457,775)	(469,584)	(584,277)	(391,272)
0403501 - SC EDP Depreciation Expense	040350:	2021	(134,410)	(134,410)	(721,402)	(435,436)	(579,239)	(584,126)	(900,801)	(645,441)	(649,155)	(654,342)	(650,652)	(1,362,835)	(7,452,249)
	040350:	2020	(134,410)	(254,964)	(273,316)	(274,952)	(315,118)	(364,511)	(366,312)	(348,040)	(369,642)	(379,847)	(368,133)	(683,010)	(4,150,255)
	Increase/(Decrease)		-	120,554	(448,086)	(160,484)	(264,121)	(219,616)	(534,489)	(297,401)	(279,513)	(274,495)	(264,519)	(679,825)	(3,301,994)
0403600 - Depr of Comb Turb Plant	040360:	2021	7,944,835	8,122,926	18,181,604	9,164,880	9,161,177	9,033,712	9,048,303	9,033,469	9,037,087	9,038,156	9,057,788	9,309,427	116,133,362
	040360:	2020	8,230,354	8,215,636	8,572,122	7,961,118	7,957,979	7,927,300	7,921,981	7,927,707	7,877,281	7,882,740	7,881,542	7,939,405	96,325,595
	Increase/(Decrease)		(285,519)	(92,711)	9,609,482	1,203,762	1,203,197	1,070,982	1,126,321	1,110,762	1,159,806	1,155,416	1,176,246	1,370,022	19,807,767
0403700 - Depr of Nuc Prod Plant	040370:	2021	25,044,142	25,171,769	25,188,048	25,223,244	25,269,501	(2,692,956)	15,970,939	15,972,463	15,986,977	15,996,960	16,030,601	16,052,879	219,214,567
	040370:	2020	24,357,554	24,391,295	24,420,502	24,409,238	24,439,961	24,683,450	24,770,315	24,772,006	24,772,006	24,772,006	24,801,658	24,997,581	294,857,307
	Increase/(Decrease)		686,588	780,473	767,547	814,006	829,541	(27,376,244)	(8,799,376)	(8,090,987)	(8,763,483)	(8,775,045)	(8,771,057)	(8,944,702)	(75,642,739)

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0403850 - Deferral of Depr. Exp. - Solar	0403850	2021	(123,534)	(131,131)	(89,419)	(82,492)	(79,179)	(79,881)	(88,634)	(82,601)	(74,702)	(97,903)	(82,096)	(81,810)	(1,093,382)
	0403850	2020	(84,150)	-	(151,449)	(77,008)	(77,008)	(186,690)	52,863	(74,390)	(74,277)	(72,787)	(75,540)	(64,556)	(885,092)
		Increase/(Decrease)	(39,384)	(131,131)	62,030	(5,484)	(2,171)	106,809	(141,497)	(8,211)	(425)	(25,116)	(6,456)	(17,254)	(208,290)
0403110 - Depr Steam Prdn Plt - NC	0403110	2021	266,699	266,699	266,699	266,699	266,699	266,698	266,698	266,698	179,823	179,457	178,075	176,978	2,847,922
	0403110	2020	(1,305,197)	(1,306,516)	(1,306,815)	(1,306,838)	(1,306,841)	(1,467,424)	(1,315,576)	73,839	266,706	266,706	266,699	266,699	(8,174,560)
		Increase/(Decrease)	1,571,896	1,573,215	1,573,514	1,573,537	1,573,540	1,734,122	1,582,274	192,859	(86,882)	(87,248)	(88,623)	(89,721)	11,022,481
0403602 - Rotable Fleet Spare Amort	0403602	2021	(72,545)	(72,545)	(72,545)	(72,545)	(72,545)	(72,545)	(72,545)	(72,545)	97,087	97,087	97,087	97,087	(192,010)
	0403602	2020	(10,544)	(10,544)	(33,603)	(33,603)	(33,603)	(33,603)	(33,603)	(33,603)	(53,074)	(53,074)	(53,074)	(53,074)	(435,003)
		Increase/(Decrease)	(62,001)	(62,001)	(38,942)	(38,942)	(38,942)	(38,942)	(38,942)	(38,942)	150,161	150,161	150,161	150,161	242,993
0403610 - Depr Cmb Turbine - NC	0403610	2021	87,569	-	43,785	43,785	43,785	43,785	43,785	43,785	43,785	43,785	43,785	43,785	525,414
	0403610	2020	43,785	43,785	43,785	43,785	43,785	43,785	43,785	43,785	43,785	43,785	43,785	43,785	525,414
		Increase/(Decrease)	43,785	(43,785)	-	-	-	-	-	-	-	-	-	-	-
0403611 - Depr Cmb Turbine - SC	0403611	2021	(268,503)	43,339	43,339	43,339	43,339	43,339	43,339	43,339	43,339	43,339	43,339	43,339	208,228
	0403611	2020	42,110	42,110	42,110	42,110	42,110	42,110	42,110	42,110	42,110	42,110	42,110	42,110	505,315
		Increase/(Decrease)	(310,613)	1,230	1,230	1,230	1,230	1,230	1,230	1,230	1,230	1,230	1,230	1,230	(297,087)
0403711 - Depr Nuc Product - SC	0403711	2021	312,682	312,682	312,682	312,682	312,682	312,682	312,682	312,682	312,682	312,682	312,682	312,682	3,752,182
	0403711	2020	312,682	312,682	312,682	312,682	312,682	312,682	312,682	312,682	312,682	312,682	312,682	312,682	3,752,182
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0404100 - Amor of Limited Term Elec Plt	0404100	2021	10,046	10,046	10,046	10,046	10,046	10,046	10,089	10,048	10,146	9,002	10,029	10,029	119,617
	0404100	2020	10,335	10,335	8,002	10,042	10,046	10,046	10,046	10,046	10,046	10,046	10,046	10,046	119,082
		Increase/(Decrease)	(289)	(289)	2,044	4	0	(4)	43	2	100	(1,044)	(17)	(17)	535
0404200 - Amort of Elec Plt - Software	0404200	2021	5,688,774	4,984,109	5,015,624	5,570,274	5,693,461	5,659,225	7,239,031	5,909,576	5,011,903	5,913,209	7,048,742	5,816,418	69,550,347
	0404200	2020	5,943,818	6,067,768	6,365,740	6,111,193	5,775,900	6,255,436	6,174,059	7,208,848	5,289,540	5,093,942	4,869,552	4,994,858	70,150,655
		Increase/(Decrease)	(255,044)	(1,083,659)	(1,350,116)	(540,919)	(82,439)	(596,211)	1,064,972	(1,299,272)	(277,638)	819,267	2,179,190	821,560	(600,308)
0404400 - Franchise Amortization	0404400	2021	5	146,625	147,931	146,749	146,810	146,866	146,821	146,879	146,879	146,548	146,880	146,881	1,615,880
	0404400	2020	5	5	5	5	5	5	5	5	5	5	5	5	60
		Increase/(Decrease)	-	146,620	147,931	146,744	146,805	146,861	146,816	146,874	146,874	146,543	146,875	146,876	1,615,820
0407101 - Harris COLA Amort - Wholesale	0407101	2021	97,166	97,166	97,166	97,166	97,166	97,166	97,166	97,166	97,166	97,166	97,166	97,166	1,165,988
	0407101	2020	97,166	97,166	97,166	97,166	97,166	97,166	97,166	97,166	97,166	97,166	97,166	97,166	1,165,988
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0407102 - Harris COLA Amort - Retail	0407102	2021	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	39,227,869
	0407102	2020	2,403,708	4,134,270	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	3,268,989	39,227,869
		Increase/(Decrease)	865,281	(865,281)	-	-	-	-	-	-	-	-	-	-	-
0407381 - Retired Plant Amort - Retail	0407381	2021	391,731	391,731	391,731	391,731	391,731	391,731	391,731	391,731	391,731	391,731	391,731	391,731	4,700,773
	0407381	2020	391,731	391,731	391,731	391,731	391,731	391,731	391,731	391,731	391,731	391,731	391,731	391,731	4,700,773
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0407382 - Retired Plant Amort - Whisle	0407382	2021	27,722	27,722	27,722	27,722	27,722	27,722	27,722	27,722	27,722	27,722	27,722	27,722	332,666
	0407382	2020	27,722	27,722	27,722	27,722	27,722	27,722	27,722	27,722	27,722	27,722	27,722	27,722	332,666
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0407115 - Meter Amortization	0407115	2021	114,729	114,729	2,689,917	339,593	339,593	2,251,710	339,593	339,593	2,275,039	339,593	339,593	2,280,169	11,763,852
	0407115	2020	970,555	114,729	1,826,446	114,729	114,729	2,682,330	114,729	114,729	2,682,349	114,729	114,729	2,689,917	11,654,702
		Increase/(Decrease)	(855,826)	-	863,471	224,864	224,864	(430,620)	224,864	224,864	(407,310)	224,864	224,864	(409,749)	109,149
0407300 - COR Settlements Amort-SC	0407300	2021	139,887	139,887	139,887	139,887	139,887	139,887	139,887	139,887	139,887	139,887	139,887	139,887	1,678,648
	0407300	2020	139,887	139,887	139,887	139,887	139,887	139,887	139,887	139,887	139,887	139,887	139,887	139,887	1,678,648
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0407302 - ABSAT Return Amort	0407302	2021	790,399	790,399	790,399	790,399	790,399	790,399	790,399	790,399	790,399	790,399	790,399	790,399	9,484,791
	0407302	2020	106,548	106,548	106,548	106,548	106,548	106,548	283,025	790,399	790,399	790,399	790,399	790,399	4,190,455
		Increase/(Decrease)	683,852	683,852	683,852	683,852	683,852	683,852	683,852	507,374	-	-	-	-	5,294,336

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0407305 - Regulatory Debits	0407305	2021	118,605	118,605	118,605	118,605	118,422	94,874	94,874	94,874	94,874	94,874	94,874	94,874	1,256,963
	0407305	2020	119,373	119,373	119,373	119,373	119,373	119,373	119,373	119,373	119,373	119,373	119,373	113,229	1,426,330
		Increase/(Decrease)	(768)	(768)	(768)	(768)	(951)	(24,498)	(24,498)	(24,498)	(24,498)	(24,498)	(24,498)	(18,355)	(169,367)
0407313 - Amortization of CWDCC	0407313	2021	10,003	10,003	10,003	10,003	10,003	10,003	10,003	10,003	10,003	10,003	10,003	10,003	120,038
	0407313	2020	10,003	10,003	10,003	10,003	10,003	10,003	10,003	10,003	10,003	10,003	10,003	10,003	120,038
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0407324 - NC & MW Coal As Amort Exp	0407324	2021	9,228,582	9,228,582	9,228,582	9,228,582	9,228,582	12,054,050	12,054,050	12,054,050	12,054,050	12,054,050	12,054,050	12,054,050	130,521,256
	0407324	2020	9,228,582	9,228,582	9,228,582	9,228,582	9,228,582	9,228,582	9,228,582	9,228,582	9,228,582	9,228,582	9,228,582	9,228,582	110,742,982
		Increase/(Decrease)	-	-	-	-	-	2,825,468	2,825,468	2,825,468	2,825,468	2,825,468	2,825,468	2,825,468	19,778,274
0407325 - SC & FL Coal Ash Amortization	0407325	2021	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	17,524,961
	0407325	2020	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	1,460,413	17,524,961
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0407326 - Wholesale Coal Ash Amort Exp	0407326	2021	1,576,933	1,580,933	1,578,933	1,578,933	1,578,933	3,475,794	1,578,933	1,578,933	1,578,933	1,578,933	1,578,933	1,578,933	20,844,062
	0407326	2020	1,107,895	1,047,932	1,047,932	1,047,932	1,047,932	6,558,036	1,064,166	1,064,166	1,064,166	1,064,166	1,064,166	1,064,166	18,242,658
		Increase/(Decrease)	469,038	533,001	531,001	531,001	531,001	(3,082,242)	514,767	514,767	514,767	514,767	514,767	514,767	2,601,404
0407327 - Unbillable Coal Ash Expense	0407327	2021	381,402	49,876	97,208	252,926	158,356	95,683	66,193	62,774	(103,738)	76,064	99,433	105,584	1,341,761
	0407327	2020	203,752	226,583	307,899	24,850	26,585	2,039,610	129,763	103,005	91,672	89,116	(66,031)	105,674	3,280,478
		Increase/(Decrease)	177,649	(176,708)	(210,691)	228,076	131,772	(1,943,927)	(63,570)	(40,230)	(195,410)	(13,052)	167,464	(90)	(1,598,717)
0407340 - SC Grid Amort	0407340	2021	84,603	84,603	84,603	84,603	84,603	84,603	84,603	84,603	84,603	84,603	84,603	84,603	1,015,238
	0407340	2020	84,603	84,603	84,603	84,603	84,603	84,603	84,603	84,603	84,603	84,603	84,603	84,603	1,015,238
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0407342 - Nuclear Fuel - Last Core Amort	0407342	2021	222,781	222,781	222,781	222,781	222,781	222,781	222,781	222,781	222,781	222,781	222,781	222,781	2,673,374
	0407342	2020	316,041	316,041	316,041	316,041	316,041	316,041	316,041	291,974	222,781	222,781	222,781	222,781	3,395,389
		Increase/(Decrease)	(93,260)	(93,260)	(93,260)	(93,260)	(93,260)	(93,260)	(93,260)	(69,193)	-	-	-	-	(722,015)
0407344 - Buck/Bridgewater Amort-SC	0407344	2021	48,497	48,497	48,497	48,497	48,497	48,497	48,497	48,497	48,497	48,497	48,497	48,497	581,964
	0407344	2020	48,497	48,497	48,497	48,497	48,497	48,497	48,497	48,497	48,497	48,497	48,497	48,497	581,964
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0407347 - Cliffside 6 Amort-SC	0407347	2021	38,680	38,680	38,680	38,680	38,680	38,680	38,680	38,680	38,680	38,680	38,680	38,680	464,160
	0407347	2020	38,680	38,680	38,680	38,680	38,680	38,680	38,680	38,680	38,680	38,680	38,680	38,680	464,160
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0407350 - REPS Rider NC Retail	0407350	2021	(107,210)	(107,519)	(114,833)	(112,019)	(112,407)	(116,728)	(114,925)	(116,912)	166,135	198,893	273,548	3,447,958	3,183,981
	0407350	2020	216,619	-	421,549	202,360	195,859	194,102	193,967	192,386	67,511	(104,854)	(106,454)	(1,886,252)	(413,206)
		Increase/(Decrease)	(323,830)	(107,519)	(536,382)	(314,379)	(308,266)	(310,830)	(308,892)	(309,298)	98,624	303,747	380,002	5,334,210	3,597,187
0407351 - REPS Rider NC Whse	0407351	2021	16,733	16,733	16,733	16,733	16,733	16,733	16,733	16,733	19,711	9,666	9,666	9,666	182,573
	0407351	2020	14,441	14,441	14,441	14,441	14,441	14,441	14,441	14,441	8,747	16,733	16,733	16,733	174,474
		Increase/(Decrease)	2,292	2,292	2,292	2,292	2,292	2,292	2,292	2,292	10,964	(7,067)	(7,067)	(7,067)	8,099
0407352 - REPS Rider NC Retail-Cert	0407352	2021	2,491,973	2,243,867	2,485,876	2,478,133	2,388,744	2,608,791	2,517,292	2,409,684	2,752,946	2,795,777	2,676,641	3,059,471	30,909,194
	0407352	2020	(786,872)	-	5,068,801	2,541,762	2,543,915	2,564,944	2,567,519	2,567,944	2,507,195	2,468,524	2,495,928	1,135,715	25,665,375
		Increase/(Decrease)	3,278,844	2,243,867	(2,582,924)	(63,629)	(155,171)	53,847	(50,228)	(158,260)	245,751	327,253	180,713	1,923,757	5,243,819
0407353 - REPS Rider NC Whse-Cert	0407353	2021	153,955	153,955	153,955	153,955	153,955	153,955	153,955	153,955	378,371	213,792	213,792	213,792	2,251,387
	0407353	2020	194,578	194,578	194,578	194,578	194,578	194,578	194,578	194,578	78,723	153,955	153,955	153,955	2,097,212
		Increase/(Decrease)	(40,623)	(40,623)	(40,623)	(40,623)	(40,623)	(40,623)	(40,623)	(40,623)	299,648	59,837	59,837	59,837	154,175
0407360 - CPRE REPS Rider NC Retail	0407360	2021	(1,254,531)	80,062	72,352	72,405	64,605	82,148	94,818	96,517	-	(52,052)	-	4,115,303	3,371,627
	0407360	2020	-	-	-	-	-	-	-	-	79,647	157,977	454,512	1,019,173	1,711,309
		Increase/(Decrease)	(1,254,531)	80,062	72,352	72,405	64,605	82,148	94,818	96,517	(79,647)	(210,029)	(454,512)	3,096,131	1,660,318
0407362 - Dan River Amort-SC	0407362	2021	67,571	67,571	67,571	67,571	67,571	67,571	67,571	67,571	67,571	67,571	67,571	67,571	810,852
	0407362	2020	67,571	67,571	67,571	67,571	67,571	67,571	67,571	67,571	67,571	67,571	67,571	67,571	810,852
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0407364 - Oconee HELB Amort - SC	0407364	2021	4,564	4,564	4,564	4,564	4,564	4,564	4,564	4,564	4,564	4,564	4,564	4,564	54,768
	0407364	2020	4,564	4,564	4,564	4,564	4,564	4,564	4,564	4,564	4,564	4,564	4,564	4,564	54,768
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0407366 - McGuire Uprate Amort-SC	0407366	2021	14,784	14,784	14,784	14,784	14,784	14,784	14,784	14,784	14,784	14,784	14,784	14,784	177,408
	0407366	2020	14,784	14,784	14,784	14,784	14,784	14,784	14,784	14,784	14,784	14,784	14,784	14,784	177,408
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0407369 - Buck Retired Plant Amort-NC	0407369	2021	43,298	43,298	43,298	43,298	43,298	43,298	43,298	43,298	43,298	43,298	43,298	43,298	519,576
	0407369	2020	68,643	68,643	68,643	68,643	68,643	68,643	68,643	68,643	68,643	68,643	68,643	68,643	823,712
		Increase/(Decrease)	(25,345)	(25,345)	(25,345)	(25,345)	(25,345)	(25,345)	(25,345)	(25,345)	(25,345)	(25,345)	(25,345)	(25,345)	(304,136)
0407375 - M&S Inv LOL Reserve Amort	0407375	2021	859,512	859,512	859,512	859,512	859,512	859,512	859,512	859,512	859,512	859,512	859,512	859,512	10,314,144
	0407375	2020	916,911	916,911	916,911	916,911	916,911	916,911	916,911	902,099	859,512	859,512	859,512	859,512	10,758,526
		Increase/(Decrease)	(57,399)	(57,399)	(57,399)	(57,399)	(57,399)	(57,399)	(57,399)	(42,587)	-	-	-	-	(444,382)
0407388 - COR Settlement Amortz - NC	0407388	2021	170,176	170,176	170,176	170,176	170,176	170,176	170,176	170,176	170,176	170,176	170,176	170,176	2,042,113
	0407388	2020	170,176	170,176	170,176	170,176	170,176	170,176	170,176	170,176	170,176	170,176	170,176	170,176	2,042,113
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0407391 - SC Storm Reserve Accrual	0407391	2021	216,741	416,667	(417,628)	416,667	416,667	4,523,000	416,667	416,667	773,341	416,667	416,667	889,775	8,901,894
	0407391	2020	416,667	416,667	(4,116,930)	(8,696,259)	416,667	(1,152,128)	416,667	3,604,838	818,067	(18,478,144)	1,022,667	3,671,083	(21,660,141)
		Increase/(Decrease)	(199,926)	-	3,699,302	9,112,926	-	5,675,127	-	(3,188,171)	(44,726)	18,894,811	(606,000)	(2,781,308)	30,562,035
0407393 - Amort Debt Ret-SC	0407393	2021	75,611	75,611	75,611	75,611	75,611	75,611	75,611	75,611	75,611	75,611	75,611	75,611	907,332
	0407393	2020	75,611	75,611	75,611	75,611	75,611	75,611	75,611	75,611	75,611	75,611	75,611	75,611	907,332
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0407394 - Amortization Customer Connect	0407394	2021	-	177,190	88,595	398,975	398,975	435,053	448,609	448,609	451,425	451,425	451,425	451,425	4,201,705
	0407394	2020	88,595	88,595	88,595	88,595	88,595	88,595	88,595	88,595	88,595	88,595	88,595	88,595	1,063,138
		Increase/(Decrease)	(88,595)	88,595	-	310,380	310,380	346,458	360,014	360,014	362,830	362,830	362,830	362,830	3,138,567
0407398 - ECIT Rider Amortization	0407398	2021	(603,292)	(603,292)	(603,292)	(603,292)	(603,292)	(1,023,394)	(697,716)	(697,716)	(1,674,750)	(1,023,394)	(1,023,394)	(1,023,394)	(10,180,218)
	0407398	2020	(603,292)	(603,292)	(603,292)	(603,292)	(603,292)	(603,292)	(603,292)	(603,292)	(603,292)	(603,292)	(603,292)	(603,292)	(7,239,504)
		Increase/(Decrease)	-	-	-	-	-	(420,102)	(94,424)	(94,424)	(1,071,458)	(420,102)	(420,102)	(420,102)	(2,940,714)
0407447 - Lee CC Amort-NC Equity	0407444	2021	197,699	-	98,849	98,849	98,849	98,849	98,849	98,849	98,849	98,849	98,849	98,849	1,186,193
	0407444	2020	98,849	98,849	98,849	98,849	98,849	98,849	98,849	98,849	98,849	98,849	98,849	98,849	1,186,193
		Increase/(Decrease)	98,849	(98,849)	-	-	-	-	-	-	-	-	-	-	-
0407448 - Lee CC Amort-NC Debt Ret	0407444	2021	69,018	-	34,509	34,509	34,509	34,509	34,509	34,509	34,509	34,509	34,509	34,509	414,107
	0407444	2020	34,509	34,509	34,509	34,509	34,509	34,509	34,509	34,509	34,509	34,509	34,509	34,509	414,107
		Increase/(Decrease)	34,509	(34,509)	-	-	-	-	-	-	-	-	-	-	-
0407449 - Amort Levelized Ret LeeCC	0407444	2021	50,941	-	25,470	25,470	25,470	25,470	25,470	25,470	25,470	25,470	25,470	25,470	305,645
	0407444	2020	25,470	25,470	25,470	25,470	25,470	25,470	25,470	25,470	25,470	25,470	25,470	25,470	305,645
		Increase/(Decrease)	25,470	(25,470)	-	-	-	-	-	-	-	-	-	-	-
0407455 - Lee CC Amort SC	0407455	2021	(966,498)	34,652	34,652	34,652	34,652	34,652	34,652	34,652	34,652	34,652	34,652	34,652	(585,328)
	0407455	2020	33,471	33,471	33,471	33,471	33,471	33,471	33,471	33,471	33,471	33,471	33,471	33,471	401,647
		Increase/(Decrease)	(999,969)	1,181	1,181	1,181	1,181	1,181	1,181	1,181	1,181	1,181	1,181	1,181	(986,975)
0407501 - EDIT Rider Amort - NC Retail	0407501	2021	-	-	-	-	-	(2,521,307)	(2,521,307)	(2,521,307)	(2,521,307)	(2,521,307)	(2,521,307)	(2,521,307)	(17,649,149)
	0407501	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	(2,521,307)	(2,521,307)	(2,521,307)	(2,521,307)	(2,521,307)	(2,521,307)	(2,521,307)	(17,649,149)
0411603 - Gain on Asset Ret Obligation	0411603	2021	-	-	-	-	-	0	-	-	(0)	-	-	(1,161)	(1,161)
	0411603	2020	-	-	-	-	-	-	-	-	-	-	-	(0)	(0)
		Increase/(Decrease)	-	-	-	-	-	0	-	-	(0)	-	-	(1,161)	(1,161)
0411700 - Losses - Disposition Utility Plt	041170X	2021	-	-	-	-	-	-	-	-	194,307	504,813	-	-	699,120
	041170X	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	-	-	-	194,307	504,813	-	-	699,120

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0411822 - SO2 Sales Proceeds	0411822	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	0411822	2020	-	-	-	-	-	(56)	-	-	-	-	-	-	(56)
		Increase/(Decrease)	-	-	-	-	-	56	-	-	-	-	-	-	56
0411875 - Annual NOx Proceeds	0411875	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	0411875	2020	-	-	-	-	-	(7,500)	-	-	-	-	-	-	(7,500)
		Increase/(Decrease)	-	-	-	-	-	7,500	-	-	-	-	-	-	7,500
0411050 - Accretion Expense ARO	0411050	2021	-	-	-	-	-	-	-	-	-	-	24,589	(24,589)	-
	0411050	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	24,589	(24,589)	-
0411051 - Accretion Expense - ARO Ash Pond	0411051	2021	-	-	-	-	-	-	-	-	-	-	-	1,440,319	1,440,319
	0411051	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	1,440,319	1,440,319
0407450 - NC Amort of Retail REC Exp	0407450	2021	-	-	(27,844,801)	-	-	-	-	-	-	-	-	-	(27,844,801)
	0407450	2020	-	(23,452,445)	-	(558,261)	-	-	-	-	-	-	-	-	(24,010,706)
		Increase/(Decrease)	-	23,452,445	(27,844,801)	558,261	-	-	-	-	-	-	-	-	(3,834,095)
0407451 - NC Amort of Whse REC Exp	0407451	2021	-	-	(1,058,269)	-	-	-	-	-	-	-	-	-	(1,058,269)
	0407451	2020	-	(431,112)	-	-	-	-	-	-	-	-	-	-	(431,112)
		Increase/(Decrease)	-	431,112	(1,058,269)	-	-	-	-	-	-	-	-	-	(627,157)
0407700 - SC DERP Amortization	0407700	2021	28,534	31,198	31,670	30,995	30,995	30,995	30,995	30,995	30,995	30,995	30,995	30,995	370,356
	0407700	2020	12,646	12,646	12,646	19,763	19,763	19,763	19,853	19,674	27,959	27,959	27,959	28,534	249,165
		Increase/(Decrease)	15,888	18,552	19,024	11,232	11,232	11,232	11,142	11,321	3,036	3,036	3,036	2,461	121,191
0403150 - Depreciation Expense - ARO	0403150	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	0403150	2020	-	(51,093)	-	-	-	-	-	-	-	-	-	-	(51,093)
		Increase/(Decrease)	-	51,093	-	-	-	-	-	-	-	-	-	-	51,093
0403151 - Depreciation Expense - ARO Ash	0403151	2021	-	-	-	-	-	-	-	-	-	-	4,173,017	262,869	4,435,886
	0403151	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	4,173,017	262,869	4,435,886
0510000 - Suprvsn and Engrng - Steam Maint	0510000	2021	951,683	972,426	938,842	864,906	847,917	936,346	942,509	992,383	745,669	863,316	787,480	1,127,111	10,970,589
	0510000	2020	1,066,035	1,038,851	1,050,914	979,326	1,021,281	1,069,779	1,087,721	1,048,652	960,595	851,152	850,290	911,010	11,935,606
		Increase/(Decrease)	(114,353)	(66,425)	(112,071)	(114,420)	(173,364)	(133,433)	(145,212)	(56,269)	(214,926)	12,164	(62,810)	216,101	(965,017)
0510002 - Deferred O&M - SC	0510002	2021	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	45,720
	0510002	2020	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	3,810	45,720
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	-	-
0510100 - Suprvsn and Engrng-Steam Maint - Rec	0510100	2021	27,070	25,658	31,586	28,525	42,922	34,261	52,859	42,467	34,248	33,736	46,830	22,235	422,398
	0510100	2020	40,450	44,456	42,056	32,067	37,496	31,014	29,053	21,895	26,952	30,201	32,033	30,169	397,843
		Increase/(Decrease)	(13,381)	(18,797)	(10,470)	(3,542)	5,426	3,247	23,807	20,572	7,295	3,535	14,797	(7,934)	24,555
0511000 - Maint of Structures - Steam	0511000	2021	1,048,417	1,266,525	1,330,388	983,881	1,191,132	1,122,470	1,492,406	1,198,616	1,439,663	1,407,507	1,384,797	1,377,079	15,242,880
	0511000	2020	1,418,456	1,577,511	2,088,753	750,853	1,413,478	2,087,480	1,025,712	1,022,523	1,183,133	1,147,187	1,077,974	2,660,535	17,453,596
		Increase/(Decrease)	(370,039)	(310,987)	(758,365)	233,028	(222,346)	(965,011)	466,694	176,093	256,530	260,320	306,823	(1,283,456)	(2,210,715)
0512100 - Maint of Boiler Plant - Other	0512100	2021	1,858,410	1,677,442	2,834,865	1,630,544	2,232,934	2,262,236	1,538,907	1,684,502	3,065,194	6,350,735	1,503,602	4,044,625	30,683,997
	0512100	2020	1,948,762	1,781,595	3,027,118	1,471,589	2,074,111	699,662	2,432,083	2,955,940	2,368,126	3,260,074	2,874,273	4,262,642	29,155,975
		Increase/(Decrease)	(90,352)	(104,153)	(192,253)	158,956	158,823	1,562,574	(893,176)	(1,271,437)	697,068	3,090,661	(1,370,672)	(218,017)	1,528,022
0513100 - Maint of Electric Plant - Other	0513100	2021	550,171	627,711	1,827,761	1,235,856	1,002,413	1,311,423	498,671	321,850	603,876	1,379,451	861,725	1,696,672	11,917,580
	0513100	2020	779,522	615,842	1,339,040	624,010	433,425	773,866	421,347	673,343	934,479	1,321,932	1,959,813	1,165,316	11,043,936
		Increase/(Decrease)	(229,351)	11,869	488,720	611,846	568,988	537,556	77,324	(351,493)	(330,603)	57,519	(1,098,088)	531,356	873,644
0514000 - Maintenance - Misc Steam Plant	0514000	2021	190,007	5,716	136,206	161,086	170,074	252,477	650,957	457,447	250,416	402,603	85,069	595,102	3,357,160
	0514000	2020	501,169	266,016	286,798	230,431	235,146	301,710	415,149	232,245	405,205	845,539	504,412	2,035,607	6,259,425
		Increase/(Decrease)	(311,161)	(260,300)	(150,592)	(69,345)	(65,072)	(49,233)	235,808	225,202	(154,789)	(442,935)	(419,343)	(1,440,505)	(2,902,265)

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0514300 - Maintenance - Misc Steam Plant	051430X	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	051430X	2020	347	27	-	-	64	-	-	-	(54)	-	-	-	384
	Increase/(Decrease)		(347)	(27)	-	-	(64)	-	-	-	54	-	-	-	(384)
0541000 - Suprvsn and Engrng - Hydro Maint	054100X	2021	181,491	206,102	207,734	206,355	198,009	233,762	221,124	244,442	221,285	212,254	206,558	242,353	2,581,470
	054100X	2020	201,080	213,356	225,075	219,323	202,725	206,824	205,640	181,814	246,899	291,457	249,774	194,046	2,638,012
	Increase/(Decrease)		(19,589)	(7,254)	(17,341)	(12,968)	(4,716)	26,938	15,484	62,628	(25,614)	(79,203)	(43,215)	48,307	(56,542)
0542000 - Maint of Structures - Hydro	054200X	2021	44,214	32,832	35,282	60,660	36,947	29,993	84,758	53,032	40,003	37,459	36,789	178,864	670,833
	054200X	2020	90,157	68,372	57,901	58,597	28,012	66,346	35,853	24,555	19,357	49,541	59,215	72,871	630,776
	Increase/(Decrease)		(45,943)	(35,540)	(22,618)	2,063	8,935	(36,353)	48,906	28,477	20,647	(12,083)	(22,426)	105,993	40,057
0543000 - Maint - Reservoir Dam and Waterway	054300X	2021	133,571	175,336	233,112	185,865	270,089	254,929	238,316	307,670	325,630	412,245	266,921	725,297	3,528,982
	054300X	2020	181,831	228,432	145,098	247,420	307,857	50,059	333,156	165,531	253,089	270,431	182,951	477,051	2,842,907
	Increase/(Decrease)		(48,260)	(53,096)	88,014	(61,555)	(37,768)	204,870	(94,840)	142,140	72,540	141,814	83,970	248,246	686,075
0544000 - Maint of Electric Plant - Hydro	054400X	2021	374,011	355,526	317,444	268,845	234,845	679,876	588,261	753,974	714,019	(269,639)	358,650	645,311	5,021,121
	054400X	2020	477,496	440,253	753,460	383,590	276,572	469,988	557,154	374,275	428,001	252,911	251,026	341,621	4,806,347
	Increase/(Decrease)		(103,485)	(84,727)	(436,016)	(114,745)	(41,727)	209,888	231,107	379,698	286,018	(522,550)	107,624	303,689	214,774
0545100 - Maint - Misc Hydraulic Plant	054510X	2021	219,381	225,336	167,157	145,432	208,898	134,743	149,808	144,754	187,272	169,111	151,806	338,086	2,241,784
	054510X	2020	191,384	121,947	192,895	308,824	86,672	160,021	210,814	178,249	311,187	154,397	180,059	1,111,239	3,207,689
	Increase/(Decrease)		27,997	103,388	(25,738)	(163,392)	122,226	(25,278)	(61,006)	(33,495)	(123,915)	14,714	(28,252)	(773,153)	(965,905)
0545400 - Recreation Facilities - Hydro	054540X	2021	13,391	128,710	86,566	37,605	118,977	41,068	83,982	156,377	65,857	51,550	127,260	72,597	983,939
	054540X	2020	107,941	21,009	82,765	61,229	86,224	48,311	39,566	189,136	22,337	58,986	22,358	196,310	936,171
	Increase/(Decrease)		(94,550)	107,702	3,801	(23,625)	32,753	(7,244)	44,416	(32,759)	43,520	(7,436)	104,902	(123,713)	47,768
0569000 - Maint of Structures - Trans	056900X	2021	46,799	45,764	61,077	45,416	(10,436)	130,931	14,372	31,048	56,235	9,954	2,687	76,275	504,747
	056900X	2020	24,201	12,581	9,310	47,533	5,853	10,749	6,921	18,740	24,433	12,373	17,581	37,222	227,497
	Increase/(Decrease)		22,598	33,183	51,767	(2,117)	(16,289)	120,182	7,450	12,308	31,802	(2,419)	(20,268)	39,053	277,250
0569100 - Maint of Computer Hardware	056910X	2021	-	-	-	-	-	-	-	69	-	-	-	74,325	74,394
	056910X	2020	-	-	-	457	-	-	-	-	-	-	-	-	457
	Increase/(Decrease)		-	-	-	(457)	-	-	-	69	-	-	-	74,325	73,937
0569200 - Maint of Computer Software	056920X	2021	565,957	423,372	332,540	199,008	60,059	181,813	173,480	228,111	303,889	119,388	37,284	411,401	3,036,301
	056920X	2020	576,517	213,704	235,033	596,864	204,813	236,101	127,776	383,844	161,905	(213,013)	268,379	175,723	2,967,646
	Increase/(Decrease)		(10,560)	209,668	97,507	(397,857)	(144,754)	(54,288)	45,704	(155,733)	141,984	332,401	(231,095)	235,678	68,654
0570100 - Maint Stat Equip - Other_Trans	057010X	2021	121,849	52,687	39,832	76,148	55,342	84,284	46,678	65,817	73,928	(48,158)	87,748	88,177	744,331
	057010X	2020	108,556	46,068	149,130	373,672	373,698	207,114	78,901	47,886	49,417	50,854	33,354	264,220	1,782,870
	Increase/(Decrease)		13,294	6,618	(109,298)	(297,524)	(318,356)	(122,831)	(32,223)	17,932	24,510	(99,012)	54,394	(176,042)	(1,038,539)
0570200 - Main - Cir Brkr Trnsf Mtrs - Trans	057020X	2021	590,893	555,374	586,727	605,229	582,097	834,930	854,779	469,595	518,772	595,053	561,827	917,975	7,673,251
	057020X	2020	857,819	758,650	657,851	664,900	559,682	485,470	828,663	612,665	165,122	436,109	382,566	611,556	7,021,055
	Increase/(Decrease)		(266,926)	(203,277)	(71,123)	(59,671)	22,415	349,460	26,116	(143,071)	353,651	158,944	179,261	306,419	652,197
0571000 - Maint of Overhead Lines - Trans	057100X	2021	559,481	2,410,614	942,140	700,077	453,239	2,525,129	1,642,887	1,903,028	1,667,383	888,795	687,425	601,975	14,982,175
	057100X	2020	1,390,023	1,505,738	1,079,730	1,097,405	2,735,504	1,853,815	1,096,653	1,058,132	884,056	621,300	2,069,740	1,861,105	17,252,201
	Increase/(Decrease)		(830,542)	904,876	(137,590)	(397,327)	(2,282,265)	671,315	546,234	844,896	783,327	267,495	(1,382,315)	(1,259,130)	(2,271,026)
0571001 - Transmission O&M Deferral SC	0571001	2021	-	-	-	-	-	-	-	-	-	-	(808)	(543)	(1,351)
	0571001	2020	-	-	-	-	-	-	-	-	-	-	(1,082)	-	(1,082)
	Increase/(Decrease)		-	-	-	-	-	-	-	-	-	-	274	(543)	(269)
0572000 - Maintenance of Underground Lines	057200X	2021	-	-	(42,098)	-	(15,480)	2,604	2,770	(2,863)	1,171	431	(4,332)	536	(57,262)
	057200X	2020	-	-	-	(13,928)	(10,740)	-	-	(14,739)	532	1,261	(26,175)	3,594	(60,194)
	Increase/(Decrease)		-	-	(42,098)	13,928	(4,741)	2,604	2,770	11,876	639	(830)	21,844	(3,058)	2,933
0573000 - Maint of Misc Transm Plant	057300X	2021	681	287	-	-	(800)	(136)	-	360	-	-	-	-	392
	057300X	2020	8,639	24,659	4,469	2,144	1,749	-	1,273	160	1,383	-	(16)	4,402	48,861
	Increase/(Decrease)		(7,958)	(24,372)	(4,469)	(2,144)	(2,549)	(136)	(1,273)	200	(1,383)	-	16	(4,402)	(48,469)

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0590000 - Supervsn and Engrng - Dist Maint	059000X	2021	147,322	120,079	222,246	49,874	113,622	106,328	156,362	73,571	150,764	112,801	220,607	378,918	1,852,495
	059000X	2020	146,807	88,880	56,512	81,102	112,203	7,116	88,290	103,970	98,606	100,776	202,857	348,693	1,435,812
		Increase/(Decrease)	515	31,199	165,734	(31,228)	1,420	99,212	68,072	(30,399)	52,158	12,024	17,750	30,225	416,683
0591000 - Maintenance of Structures - Dist	059100X	2021	-	-	-	-	-	607	-	-	-	-	-	-	607
	059100X	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	607	-	-	-	-	-	-	607
0592100 - Maint Station Equip - Other - Dist	059210X	2021	31,654	22,312	32,942	49,922	19,922	71,467	20,853	65,682	11,526	29,018	(4,310)	40,578	391,564
	059210X	2020	36,740	142,639	105,349	54,869	(78,910)	82,333	63,666	25,747	45,177	23,307	(10,740)	55,389	545,566
		Increase/(Decrease)	(5,086)	(120,328)	(72,407)	(4,947)	98,832	(10,866)	(42,814)	39,935	(33,652)	5,711	6,430	(14,812)	(154,002)
0592200 - Cir Brkrs Trnsf Mtrs Rely - Dist	059220X	2021	274,567	167,470	264,264	343,756	354,495	337,773	494,383	344,416	339,107	168,770	228,031	411,280	3,728,311
	059220X	2020	334,257	204,632	254,641	364,452	248,749	205,783	367,044	167,734	219,208	168,788	189,502	341,511	3,066,303
		Increase/(Decrease)	(59,690)	(37,163)	9,623	(20,697)	105,746	131,990	127,339	176,682	119,898	(19)	38,529	69,769	662,008
0593000 - Maint Overhd Lines - Other - Dist	059300X	2021	308,320	29,582,590	524,628	2,296,213	8,822,432	7,713,746	3,844,454	5,091,140	3,568,840	2,641,154	2,246,172	2,737,641	69,377,330
	059300X	2020	6,918,700	22,746,876	1,930,646	11,046,583	11,046,583	2,467,306	1,883,601	880,887	(1,768,252)	44,413,411	1,104,419	1,749,976	125,026,913
		Increase/(Decrease)	(6,610,380)	6,835,713	(1,406,017)	(29,356,547)	(2,224,151)	5,246,440	1,960,853	4,210,253	5,337,092	(41,772,257)	1,141,752	987,665	(55,649,583)
0593100 - Right - Of - Way Maintenance - Dist	059310X	2021	5,878,963	4,691,516	6,547,131	6,155,763	6,424,847	7,770,265	5,433,879	5,589,750	6,808,644	5,809,229	5,769,314	6,118,249	72,997,551
	059310X	2020	6,639,917	5,774,501	5,631,009	7,020,112	6,432,214	6,968,129	7,286,996	6,137,699	6,235,527	5,279,926	5,226,224	4,738,142	73,370,395
		Increase/(Decrease)	(760,954)	(1,082,984)	916,122	(864,348)	(7,367)	802,137	(1,853,117)	(547,949)	573,118	529,303	549,090	1,380,107	(372,844)
0594000 - Maint - Underground Lines - Dist	059400X	2021	1,156,044	878,325	992,527	1,026,354	688,761	910,231	982,818	814,151	758,581	779,346	574,562	911,535	10,473,233
	059400X	2020	1,467,143	1,068,366	1,010,375	987,736	920,201	1,061,195	1,313,893	944,417	1,005,081	777,183	797,206	1,720,758	13,073,554
		Increase/(Decrease)	(311,099)	(190,041)	(17,848)	38,618	(231,440)	(150,964)	(331,076)	(130,267)	(246,500)	2,163	(222,645)	(809,223)	(2,600,320)
0595100 - Maint Lines Transfers - Other - Dist	059510X	2021	105,749	120,988	82,261	65,362	114,886	105,363	72,485	92,379	49,621	62,487	123,714	82,426	1,077,721
	059510X	2020	48,312	77,096	137,122	61,278	79,415	77,593	102,254	78,929	72,041	76,104	52,087	142,651	1,004,884
		Increase/(Decrease)	57,437	43,892	(54,861)	4,084	35,471	27,770	(29,770)	13,450	(22,421)	(13,617)	71,627	(60,225)	72,838
0595200 - Cir Brkrs Transf Capcitr - Dist	059520X	2021	117,760	80,157	82,779	103,766	110,953	133,645	217,788	112,872	99,978	43,551	84,174	232,257	1,419,680
	059520X	2020	173,416	84,012	134,568	101,330	73,918	107,551	126,101	423,266	107,472	97,744	74,568	197,348	1,701,295
		Increase/(Decrease)	(55,656)	(3,855)	(51,790)	2,437	37,035	26,094	91,687	(310,394)	(7,494)	(54,193)	9,606	34,908	(281,615)
0596000 - Maint - Streetlightng/Signl - Dist	059600X	2021	1,226,276	1,266,493	445,324	1,037,589	1,064,705	953,777	1,103,910	1,176,004	1,157,413	1,410,548	308,849	913,961	12,064,849
	059600X	2020	1,248,935	1,275,070	913,843	1,435,512	764,426	530,427	1,096,875	1,090,922	1,526,268	527,717	923,798	1,299,585	12,633,379
		Increase/(Decrease)	(22,659)	(8,577)	(468,520)	(397,923)	300,279	423,350	7,035	85,082	(368,855)	882,831	(614,949)	(385,625)	(568,530)
0597000 - Maintenance of Meters - Dist	059700X	2021	175,137	170,940	171,491	162,880	168,214	168,044	220,457	176,252	183,397	179,133	173,742	216,582	2,166,269
	059700X	2020	173,169	221,597	138,350	127,571	157,505	164,778	244,767	166,694	165,843	163,148	163,987	214,375	2,101,785
		Increase/(Decrease)	1,968	(50,657)	33,141	35,310	10,709	3,265	(24,310)	9,558	17,554	15,985	9,755	2,207	64,484
0598100 - Main Misc Dist Plt - Other - Dist	059810X	2021	114,469	80,849	62,299	55,564	39,229	22,533	8,151	29,221	20,072	213,912	28,553	341,569	1,016,422
	059810X	2020	91,143	103,881	89,210	116,033	71,060	(25,592)	110,357	83,624	97,280	93,575	542,292	1,667,153	3,040,017
		Increase/(Decrease)	23,326	(23,032)	(26,911)	(60,469)	(31,831)	48,124	(102,206)	(54,402)	(77,208)	120,337	(513,739)	(1,325,584)	(2,023,595)
0551000 - Suprvsn and Engineering - Ct Maint	055100X	2021	440,614	420,425	456,325	379,870	397,620	432,508	485,070	482,662	526,323	442,633	328,095	429,276	5,221,418
	055100X	2020	419,600	288,839	490,917	428,670	200,521	438,197	411,139	294,413	436,615	424,176	286,891	314,202	4,431,182
		Increase/(Decrease)	21,014	131,585	(34,592)	(48,801)	197,099	(5,690)	73,930	191,249	89,708	18,456	41,204	115,073	790,236
0551220 - Solar: Maint Supv & Eng	055122X	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	055122X	2020	-	-	-	-	-	-	-	-	-	-	-	66	66
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	(66)	(66)
0552000 - Maintenance of Structures - Ct	055200X	2021	297,310	256,778	490,745	1,583,651	347,349	336,402	372,563	354,284	325,092	569,223	704,398	791,076	6,428,872
	055200X	2020	368,981	307,079	373,797	514,841	347,362	813,880	522,876	280,940	347,944	589,964	431,094	1,100,671	6,143,431
		Increase/(Decrease)	(71,671)	(50,301)	116,948	1,068,810	(144,013)	(477,478)	(150,313)	73,344	(22,852)	(20,740)	273,304	(309,595)	285,441
0553000 - Maint - Gentg and Elect Equip - Ct	055300X	2021	646,466	432,222	789,644	868,435	938,836	762,705	681,587	396,295	776,945	812,522	1,132,948	987,304	9,225,911
	055300X	2020	72,794	494,937	1,432,326	739,977	766,060	3,365,913	1,377,397	809,991	3,542,597	4,603,383	1,632,401	4,029,165	22,866,943
		Increase/(Decrease)	573,671	(62,715)	(642,682)	128,457	172,776	(2,603,208)	(695,810)	(413,696)	(2,765,651)	(3,790,861)	(499,453)	(3,041,861)	(13,641,032)

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0553100 - CT Maint of Gen and Plant-Recoverable	055310X	2021	-	-	-	-	-	2,037	-	-	-	-	-	-	2,037
	055310X	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
	Increase/(Decrease)		-	-	-	-	-	2,037	-	-	-	-	-	-	2,037
0554000 - Misc Power Generation Plant - Ct	055400X	2021	308,308	398,027	425,770	393,416	266,176	478,278	395,357	401,392	525,289	535,396	754,995	632,473	5,514,878
	055400X	2020	311,445	249,273	320,957	501,835	237,482	331,146	298,858	279,221	252,592	329,526	401,215	838,199	4,351,750
	Increase/(Decrease)		(3,137)	148,754	104,813	(108,419)	28,694	147,133	96,499	122,171	272,697	205,870	353,780	(205,726)	1,163,129
0554100 - Other Production Maintenance	055410X	2021	309	295	295	3,943	12,014	-	295	-	985	-	(1)	-	18,135
	055410X	2020	33,816	2,063	52,480	(54,256)	295	8,024	295	295	3,979	295	295	840	48,421
	Increase/(Decrease)		(33,507)	(1,768)	(52,185)	58,199	11,719	(8,024)	-	(295)	(2,995)	(295)	(296)	(840)	(30,286)
0528000 - Maint Suprvsn and Engrngng - Nuc	052800X	2021	3,333,094	3,239,702	3,441,061	4,094,303	3,210,398	3,390,172	3,384,621	3,772,626	4,183,357	5,552,930	3,255,531	5,294,008	46,151,803
	052800X	2020	3,558,383	3,507,317	3,791,002	7,785,975	4,095,528	3,454,213	3,698,775	3,814,373	4,530,544	4,734,289	4,596,103	4,583,770	52,150,272
	Increase/(Decrease)		(225,289)	(267,615)	(349,941)	(3,691,672)	(885,130)	(64,041)	(314,154)	(41,747)	(347,187)	818,641	(1,340,572)	710,238	(5,998,469)
0528001 - Main Sup and Eng Nuc - NC	052800X	2021	257,431	244,724	223,335	(257,881)	318,783	275,692	275,692	275,223	(127,856)	(903,889)	764,223	(28,310)	1,317,165
	052800X	2020	185,260	163,063	(39,983)	(2,309,021)	(211,220)	355,364	254,552	255,429	31,176	(414,303)	(95,538)	210,512	(1,614,708)
	Increase/(Decrease)		72,171	81,661	263,318	2,051,140	530,002	(79,672)	21,140	19,793	(159,032)	(489,586)	859,760	(238,822)	2,931,874
0528002 - Main Sup and Eng Nuc - SC	052800X	2021	88,290	83,921	76,565	(88,918)	109,388	94,591	94,591	94,430	(44,047)	(311,049)	262,590	(9,676)	450,677
	052800X	2020	65,010	57,425	(11,956)	(787,292)	(70,401)	122,571	87,643	87,763	(144,544)	(33,977)	72,347	(33,977)	(845,439)
	Increase/(Decrease)		23,281	26,496	88,522	698,374	179,790	(27,979)	6,948	6,666	(54,020)	(166,505)	299,566	(72,024)	996,115
0529000 - Maintenance of Structures - Nuc	052900X	2021	399,998	509,490	463,901	421,034	246,403	463,400	456,070	504,254	814,302	550,162	769,605	795,442	6,394,062
	052900X	2020	811,807	787,058	801,978	1,384,998	724,272	679,239	700,428	657,107	731,477	963,155	736,369	667,231	9,645,118
	Increase/(Decrease)		(411,808)	(277,568)	(338,077)	(963,964)	(477,869)	(215,838)	(244,358)	(152,853)	82,825	(412,992)	33,236	128,210	(3,251,057)
0529001 - Main of Structure Nuc - NC	052900X	2021	71,650	71,411	66,927	48,884	62,800	72,912	72,912	69,364	(82,624)	16,397	43,983	51,914	566,529
	052900X	2020	16,886	60,000	(6,562)	(311,416)	19,098	70,607	69,902	69,372	(26,400)	(187,682)	(69,868)	75,042	(221,023)
	Increase/(Decrease)		54,764	11,412	73,489	360,301	43,702	2,305	3,010	(8)	(56,224)	204,079	113,851	(23,128)	787,553
0529002 - Main of Structure Nuc - SC	052900X	2021	24,607	24,525	22,983	16,778	21,564	25,043	25,043	23,822	(28,444)	5,608	15,094	17,858	194,480
	052900X	2020	6,395	21,127	(1,618)	(105,787)	7,151	24,584	24,075	23,884	(9,367)	(65,294)	(24,429)	25,907	(73,373)
	Increase/(Decrease)		18,212	3,398	24,601	122,565	14,413	458	967	(62)	(19,076)	70,902	39,523	(8,049)	267,854
0530000 - Maint of Reactor Plt Equip - Nuc	053000X	2021	2,739,421	2,184,463	2,119,442	4,237,335	2,130,259	2,961,303	3,892,749	5,991,575	13,567,959	6,273,996	10,342,301	6,834,670	63,275,470
	053000X	2020	4,988,442	3,593,056	8,960,789	8,710,991	6,741,485	3,288,056	3,877,841	4,921,914	8,670,525	16,189,256	5,450,048	3,104,152	78,496,555
	Increase/(Decrease)		(2,249,021)	(1,408,593)	(6,841,347)	(4,473,656)	(4,611,227)	(326,753)	14,907	1,069,660	4,897,435	(9,915,260)	4,892,253	3,730,517	(15,221,085)
0530001 - Main Reactor Plt Eq Nuc - NC	053000X	2021	1,684,364	1,576,433	1,081,498	79,375	1,784,659	1,714,166	1,714,166	868,048	(4,782,903)	(429,980)	(3,374,509)	(937,566)	977,751
	053000X	2020	2,055,443	1,018,473	(1,832,114)	(2,969,641)	(539,546)	1,357,572	1,752,372	907,103	(1,843,707)	(4,873,113)	(1,531,179)	1,360,952	(5,137,385)
	Increase/(Decrease)		(371,078)	557,960	2,913,612	3,049,016	2,324,205	356,594	(38,206)	(39,055)	(2,939,196)	4,443,133	(1,843,330)	(2,298,518)	6,115,136
0530002 - Main Reactor Plt Eq Nuc - SC	053000X	2021	579,027	541,911	371,710	27,095	613,517	589,479	589,479	298,511	(1,644,767)	(147,861)	(1,160,442)	(321,723)	335,937
	053000X	2020	718,354	364,018	(610,034)	(998,730)	(168,360)	473,745	604,380	314,018	(647,658)	(1,694,682)	(535,492)	469,634	(1,710,806)
	Increase/(Decrease)		(139,326)	177,893	981,744	1,025,824	781,877	115,734	(14,901)	(15,506)	(997,110)	1,546,821	(624,950)	(791,358)	2,046,743
0531100 - Maint Electric Plt - Other - Nuc	053110X	2021	1,439,005	1,379,257	1,076,655	1,953,728	912,421	1,968,207	2,087,423	1,742,913	6,133,672	4,342,107	4,874,092	6,916,024	34,825,504
	053110X	2020	2,219,608	1,640,553	2,919,289	7,546,743	5,182,269	2,528,842	2,524,726	1,352,345	3,849,718	7,531,225	3,936,078	2,058,911	42,292,307
	Increase/(Decrease)		(780,602)	(261,297)	(1,842,634)	(5,593,015)	(4,270,848)	(560,635)	(437,303)	389,568	2,283,954	(3,189,119)	938,014	4,857,113	(8,466,803)
0531101 - Main Elect Plt Other Nuc - NC	053110X	2021	878,076	858,669	800,738	288,581	893,276	883,051	883,051	756,461	(1,271,404)	(715,207)	(1,380,843)	(1,418,229)	1,456,220
	053110X	2020	1,135,011	823,933	9,937	(2,877,452)	(1,151,465)	713,571	947,595	821,913	(353,040)	(2,649,189)	(746,905)	760,459	(2,565,633)
	Increase/(Decrease)		(256,934)	34,736	790,801	3,166,033	2,044,741	169,481	(64,544)	(65,453)	(918,365)	1,933,983	(633,938)	(2,178,688)	4,021,853
0531102 - Main Elect Plt Other Nuc - SC	053110X	2021	301,760	295,086	275,165	99,041	306,987	303,542	303,542	260,009	(437,344)	(246,076)	(474,979)	(487,576)	499,159
	053110X	2020	398,202	291,906	13,762	(972,866)	(383,092)	251,260	327,811	284,088	(124,640)	(920,497)	(260,666)	263,187	(831,544)
	Increase/(Decrease)		(96,442)	3,180	261,403	1,071,907	690,079	52,282	(24,270)	(24,079)	(312,704)	674,421	(214,312)	(750,762)	1,330,703
0532100 - Maint Misc Nuclear Plt - Other	053210X	2021	2,484,884	2,253,236	2,667,368	3,182,231	1,795,088	2,659,194	2,721,929	2,893,514	8,702,953	4,283,556	5,651,976	437,545	39,733,475
	053210X	2020	3,259,470	2,247,059	3,968,843	7,610,684	3,825,410	2,548,163	2,788,704	2,256,568	4,626,488	8,023,673	4,052,411	4,052,396	49,771,868
	Increase/(Decrease)		(774,585)	6,177	(1,301,476)	(4,428,453)	(2,030,321)	111,032	(66,775)	634,946	4,076,466	(3,740,117)	1,089,565	(3,614,851)	(10,038,393)

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0532101 - Main Misc Nuc Plt - NC	0532101	2021	743,359	593,762	602,003	141,665	530,516	783,758	783,758	496,318	(1,792,937)	(410,826)	(1,510,039)	181,397	1,142,732
	0532101	2020	779,750	653,741	(414,441)	(2,623,113)	(164,750)	472,810	704,039	709,964	(548,259)	(2,976,072)	(876,803)	542,157	(3,740,977)
		Increase/(Decrease)	(36,391)	(59,979)	1,016,443	2,764,778	695,266	310,948	79,718	(213,646)	(1,244,677)	2,565,246	(633,236)	(360,760)	4,883,709
0532102 - Main Misc Nuc Plt - SC	0532102	2021	255,718	204,274	207,068	48,441	182,525	269,657	269,657	170,811	(616,430)	(140,963)	(517,032)	63,785	397,511
	0532102	2020	273,298	230,040	(134,919)	(889,669)	(49,791)	165,350	243,716	244,415	(192,157)	(1,034,202)	(305,971)	187,190	(1,262,699)
		Increase/(Decrease)	(17,580)	(25,766)	341,987	938,109	232,316	104,307	25,941	(73,604)	(424,273)	893,239	(211,061)	(123,405)	1,660,211
0932000 - Maintenance of General Plant	0932000	2021	754	786	582	-	-	-	-	-	-	-	-	-	2,123
	0932000	2020	877	877	720	668	644	794	977	752	739	602	579	767	8,996
		Increase/(Decrease)	(122)	(91)	(138)	(668)	(644)	(794)	(977)	(752)	(739)	(602)	(579)	(767)	(6,874)
0935100 - Maint General Plant-Elec	0935100	2021	10,083	37,529	35,179	39,826	18,030	12,992	81,318	89,981	91,410	108,056	98,753	782,777	1,405,934
	0935100	2020	117,495	95,666	97,417	150,463	36,645	38,700	17,114	40,078	49,058	83,953	128,879	224,349	1,079,818
		Increase/(Decrease)	(107,412)	(58,136)	(62,238)	(110,637)	(18,615)	(25,708)	64,204	49,903	42,352	24,103	(30,126)	558,427	326,117
0935200 - Cust Infor and Computer Control	0935200	2021	288	901	277	334	945	706	51	543	116	158	619	(616)	4,321
	0935200	2020	(134)	1,108	1,778	314	(273)	1,370	(3,178)	1,149	(1,746)	2,133	(111)	203	2,612
		Increase/(Decrease)	422	(206)	(1,500)	20	1,218	(663)	3,229	(607)	1,862	(1,975)	730	(819)	1,709
0402000 - Maintenance Expense	0402000	2021	3,384	-	(3,384)	-	-	-	75	-	(75)	42,942	24,894	(55,629)	12,207
	0402000	2020	5,378	311	(5,689)	(267)	182	267	(182)	-	0	2,100	-	-	2,100
		Increase/(Decrease)	(1,995)	(311)	2,305	267	(182)	(267)	257	-	(75)	40,842	24,894	(55,629)	10,106
0553220 - Solar: Maint Gen & Elect Plt	0553220	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	0553220	2020	-	-	-	-	-	-	-	-	-	-	-	50	50
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	(50)	(50)
0554220 - Solar: Maint Misc Gen Plt	0554220	2021	44,818	4,769	4,413	36,984	28,582	37,349	46,438	43,786	42,365	31,168	62,224	105	383,001
	0554220	2020	-	1,548	175	1,125	-	-	985	160	100	760	285	9,551	14,690
		Increase/(Decrease)	44,818	3,221	4,238	35,858	28,582	37,349	45,453	43,626	42,265	30,408	61,939	(9,445)	368,311
0408000 - NC Property Tax - Electric	0408000	2021	8,608,282	9,187,201	8,899,476	8,900,002	8,899,220	9,128,719	8,901,392	8,900,002	10,509,403	8,906,776	8,900,008	7,943,463	107,683,943
	0408000	2020	8,411,391	8,408,071	8,409,537	8,239,377	8,604,934	8,376,901	8,413,124	8,529,770	5,721,673	8,407,394	8,406,780	7,528,851	97,457,802
		Increase/(Decrease)	196,891	779,130	489,939	660,625	294,285	751,818	488,268	370,231	4,787,731	499,382	493,228	414,613	10,226,141
0408050 - Municipal License-Electric	0408050	2021	-	-	-	-	-	-	-	-	-	-	-	75	75
	0408050	2020	-	194	-	-	-	-	-	-	-	-	-	75	269
		Increase/(Decrease)	-	(194)	-	-	-	-	-	-	-	-	-	-	(194)
0408100 - Franchise Tax - Electric	0408100	2021	15,792	74,906	18,567	17,521	10,912	11,951	17,360	15,397	16,118	(1,705)	25,633	13,146	235,598
	0408100	2020	24,162	-	25,888	13,794	5,480	88,987	(86,166)	9,772	5,739	6,107	6,084	4,030	103,877
		Increase/(Decrease)	(8,370)	74,906	(7,321)	3,727	5,432	(77,036)	103,526	5,625	10,379	(7,812)	19,549	9,116	131,721
0408120 - Franchise Tax - Non Electric	0408120	2021	-	-	-	-	-	12	-	-	-	-	-	-	12
	0408120	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	12	-	-	-	-	-	-	12
0408123 - Deferred Property Tax - NC	0408123	2021	16,100	-	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	96,602
	0408123	2020	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	8,050	96,602
		Increase/(Decrease)	8,050	(8,050)	-	-	-	-	-	-	-	-	-	-	-
0408124 - Deferred Property Tax - SC	0408124	2021	(65,706)	6,464	6,464	6,464	6,464	6,464	6,464	6,464	6,464	6,464	6,464	6,464	5,403
	0408124	2020	8,875	8,875	8,875	8,875	8,875	8,875	8,875	8,875	8,875	8,875	8,875	1,244,766	1,342,394
		Increase/(Decrease)	(74,582)	(2,411)	(2,411)	(2,411)	(2,411)	(2,411)	(2,411)	(2,411)	(2,411)	(2,411)	(2,411)	(1,238,301)	(1,336,991)
0408150 - State Unemployment Tax	0408150	2021	126,260	472,231	246,320	31,793	(30,187)	(402)	2,899	1,577	1,091	1,318	1,801	1,924	856,625
	0408150	2020	171,021	74,018	4,473	3,337	2,389	(2,075)	1,523	874	457	485	2,210,661	404	2,467,566
		Increase/(Decrease)	(44,760)	398,213	241,847	28,457	(32,576)	1,673	1,376	703	634	833	(2,208,860)	1,519	(1,610,940)
0408151 - Federal Unemployment Tax	0408151	2021	332,746	48,546	370,377	21,559	21,965	410,018	(10,766)	(12,886)	(314,190)	(13,793)	(13,314)	(403,805)	436,457
	0408151	2020	313,736	(11,142)	(519,777)	33,300	32,438	392,286	(22,339)	(23,765)	(315,012)	(23,207)	(23,443)	(418,973)	(585,898)
		Increase/(Decrease)	19,010	59,688	890,153	(11,741)	(10,473)	17,732	11,573	10,880	822	9,414	10,129	15,168	1,022,355

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0408152 - Employer FICA Tax	040815:	2021	5,743,764	6,209,661	5,915,557	6,058,330	2,111,211	5,668,487	6,736,949	5,629,764	5,574,408	7,422,639	5,434,911	3,841,097	66,346,780
	040815:	2020	6,357,152	6,944,741	6,769,760	6,051,632	6,036,255	4,146,063	5,939,430	5,905,605	3,799,843	4,691,094	5,059,779	8,205,061	69,907,414
		Increase/(Decrease)	(613,388)	(735,080)	(854,203)	6,698	(3,925,043)	1,522,424	797,519	(275,841)	1,774,565	2,731,546	375,132	(4,364,964)	(3,560,635)
0408153 - Employer Local Tax	040815:	2021	-	-	-	-	-	-	-	-	-	-	33,000	-	33,000
	040815:	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	33,000	-	33,000
0408200 - NC Industrial Comm - Electric	040820:	2021	8,648	8,648	15,753	15,753	15,753	15,753	15,753	15,753	15,753	15,753	15,753	15,753	174,828
	040820:	2020	16,337	16,337	8,648	8,648	8,648	8,648	8,648	8,648	8,648	8,648	8,648	8,648	119,150
		Increase/(Decrease)	(7,689)	(7,689)	7,106	7,106	7,106	7,106	7,106	7,106	7,106	7,106	7,106	7,106	55,678
0408205 - Highway Use Tax	040820:	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	040820:	2020	-	(52)	-	-	-	-	-	20,051	-	-	-	-	20,000
		Increase/(Decrease)	-	52	-	-	-	-	-	(20,051)	-	-	-	-	(20,000)
0408360 - SC Property Tax - Electric	040836:	2021	10,317,348	11,021,492	10,669,420	10,669,610	10,669,420	10,617,719	10,669,420	10,669,683	23,352,895	10,669,466	10,669,420	10,941,321	140,937,213
	040836:	2020	10,317,348	10,317,348	10,317,348	10,317,348	10,317,348	10,317,284	10,317,284	10,317,348	13,446,479	10,317,348	10,317,348	10,317,348	125,002,249
		Increase/(Decrease)	-	704,144	352,072	352,262	352,072	300,435	3,594,388	352,335	9,906,416	352,118	352,072	(683,349)	15,934,964
0408460 - SC Kwh Power Gen Tax - Electric	040846:	2021	798,558	868,254	686,763	669,207	671,872	657,638	1,127,454	980,775	832,120	524,965	738,975	791,480	9,348,059
	040846:	2020	914,743	620,523	685,762	658,393	728,171	732,396	900,363	958,579	979,127	634,337	585,213	762,416	9,158,023
		Increase/(Decrease)	(116,185)	247,730	1,001	10,813	(56,299)	(74,758)	227,091	24,196	(147,007)	(109,372)	153,762	29,063	190,036
0408470 - Franchise Tax	040847:	2021	2,872,136	2,872,136	2,872,136	2,872,407	2,872,136	2,872,136	2,872,136	2,872,136	1,283,393	3,792,148	3,792,148	3,792,148	35,637,198
	040847:	2020	2,619,550	2,619,550	2,619,550	2,620,681	2,619,550	2,619,550	2,619,550	2,619,550	2,619,550	3,624,253	3,624,253	3,640,029	34,465,620
		Increase/(Decrease)	252,586	252,586	252,586	251,726	252,586	252,586	252,586	252,586	1,263,586	1,097,895	1,167,895	152,119	1,171,578
0408620 - SC Greenwood Tax - Electric	040862:	2021	-	-	163	-	-	-	-	-	-	-	-	-	163
	040862:	2020	-	-	177	-	174	-	-	-	166	-	-	157	675
		Increase/(Decrease)	-	-	(14)	-	(174)	-	-	-	(166)	-	-	(157)	(512)
0408800 - Federal Highway Use Tax - Elec	040880:	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	040880:	2020	596	331	166	126	126	-	-	-	-	-	-	-	1,343
		Increase/(Decrease)	(596)	(331)	(166)	(126)	(126)	-	-	-	-	-	-	-	(1,343)
0408851 - Sales and Use Tax Exp	040885:	2021	(27)	(31,749)	(15)	35,584	(604,821)	38,990	39,348	(69,823)	(2,502,827)	29,655	34,877	(10,438,743)	(13,469,551)
	040885:	2020	(451)	(110,135)	(27)	46	(20)	(16)	(13,639,452)	(111,821)	(1,304,312)	(18)	(26)	(1,089,611)	(16,255,843)
		Increase/(Decrease)	424	78,386	13	35,538	(604,801)	39,006	13,678,800	41,998	(1,198,515)	29,673	34,904	(9,349,132)	2,786,293
0408960 - Allocated Payroll Taxes	040896:	2021	(1,995,818)	(2,015,336)	(2,437,014)	(2,855,502)	(2,754,523)	(2,649,706)	(2,816,150)	(2,512,872)	(2,512,513)	(1,696,206)	(2,597,893)	(896,356)	(27,739,888)
	040896:	2020	(2,504,240)	(1,404,560)	(2,636,741)	(2,146,955)	(2,511,780)	(3,148,393)	(3,136,515)	(3,380,332)	(1,797,340)	(2,576,463)	(711,025)	(484,081)	(26,438,425)
		Increase/(Decrease)	508,422	(610,775)	199,727	(708,547)	(242,744)	498,687	320,365	867,459	(715,173)	880,257	(1,886,868)	(412,274)	(1,301,463)
0408963 - NC Alloc Payroll Tax	040896:	2021	(24,453)	(32,725)	(28,631)	(27,553)	(19,109)	(26,121)	-	-	-	-	-	-	(158,592)
	040896:	2020	(15,246)	(16,851)	(16,551)	(16,368)	(19,270)	(18,537)	(18,661)	(20,052)	(22,193)	(31,560)	(8,955)	(8,036)	(212,280)
		Increase/(Decrease)	(9,207)	(15,874)	(12,080)	(11,185)	161	(7,585)	18,661	20,052	22,193	31,560	8,955	8,036	53,688
0408964 - SC Alloc Payroll Tax	040896:	2021	-	-	-	(660)	(5,708)	(7,802)	-	-	-	-	-	-	(14,170)
	040896:	2020	-	-	-	-	-	-	-	-	-	(7,702)	(11,213)	(9,444)	(28,359)
		Increase/(Decrease)	-	-	-	(660)	(5,708)	(7,802)	-	-	-	7,702	11,213	9,444	14,189
0409190 - Federal Income Tax - Electric CY	040919:	2021	-	50,948,844	(26,968,931)	9,530,091	15,196,554	(6,864,586)	55,102,504	52,979,072	61,183,001	17,537,055	(21,205,968)	61,924,734	269,362,369
	040919:	2020	-	39,673,410	4,494,235	(372,681)	14,851,566	5,453,048	59,396,883	48,646,860	62,563,179	14,048,857	182,689	11,652,043	260,590,089
		Increase/(Decrease)	-	11,275,434	(31,463,166)	9,902,772	344,988	(12,317,634)	(4,294,379)	4,332,212	(1,380,178)	3,488,198	(21,388,657)	50,272,691	8,772,280
0409191 - Federal Income Tax - Electric PY	040919:	2021	-	-	-	-	-	-	-	-	(16,454,362)	-	0	-	(16,454,362)
	040919:	2020	-	-	-	-	-	-	-	-	37,525,900	-	1	-	37,525,900
		Increase/(Decrease)	-	-	-	-	-	-	-	-	(53,980,262)	-	(0)	-	(53,980,262)
0409195 - UTP Tax Expense: Fed Util-PY	040919:	2021	-	-	-	-	-	-	-	-	1,708,920	-	-	(1,708,920)	0
	040919:	2020	-	-	-	-	-	1,910,095	-	-	-	-	-	-	1,910,095
		Increase/(Decrease)	-	-	-	-	-	(1,910,095)	-	-	1,708,920	-	-	(1,708,920)	(1,910,095)
0409102 - SIT Exp - Utility	040910:	2021	-	-	669,026	-	-	(606,972)	-	-	21,652,438	-	(2,444,824)	10,869,393	30,139,061
	040910:	2020	-	-	3,022,921	-	-	(543,802)	-	-	21,613,634	-	(110,483)	326,513	24,308,781
		Increase/(Decrease)	-	-	(2,353,895)	-	-	(63,170)	-	-	38,805	-	(2,334,340)	10,542,880	5,830,280

COMPARISON OF TEST YEAR ACCOUNT BALANCES WITH THOSE OF PRECEDING YEAR
ELECTRIC OPERATING EXPENSE ACCOUNTS

			JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	Year-to-Date
0409104 - Current State Income Tax - PY	0409104	2021	-	-	-	-	-	-	-	-	(1,900,212)	-	(521,020)	-	(2,421,232)
	0409104	2020	-	-	-	-	-	-	-	-	5,179,010	-	3,125,055	-	8,304,065
		Increase/(Decrease)	-	-	-	-	-	-	-	-	(7,079,222)	-	(3,646,074)	-	(10,725,297)
0410100 - DfIt: Utility: Current Year	0410100	2021	-	-	235,510,725	-	-	257,130,201	-	-	169,944,818	-	178,625,820	176,177,782	1,017,389,346
	0410100	2020	-	-	334,026,711	-	-	81,257,430	-	-	108,376,708	-	92,642,635	269,799,986	886,103,469
		Increase/(Decrease)	-	-	(98,515,985)	-	-	175,872,772	-	-	61,568,110	-	85,983,185	(93,622,204)	131,285,877
0410102 - Dsit: Utility: Current Year	0410102	2021	-	-	36,097,930	-	-	35,140,734	-	-	26,704,150	-	27,040,666	397,513,337	522,496,817
	0410102	2020	-	-	51,022,518	-	-	14,116,652	-	-	18,091,580	-	15,019,580	40,365,019	138,615,450
		Increase/(Decrease)	-	-	(14,924,588)	-	-	21,024,082	-	-	8,612,569	-	12,020,984	357,148,319	383,881,367
0410105 - DfIt: Utility: Prior Year	0410105	2021	-	-	-	-	-	-	-	-	58,813,456	-	473,532	-	59,286,988
	0410105	2020	-	-	-	-	-	-	-	-	68,080,003	-	478,952	-	68,558,956
		Increase/(Decrease)	-	-	-	-	-	-	-	-	(9,266,548)	-	(5,420)	-	(9,271,968)
0410106 - Dsit: Utility: Prior Year	0410106	2021	-	-	-	-	-	-	-	-	3,872,210	-	628,348	-	4,500,558
	0410106	2020	-	-	-	-	-	-	-	-	8,491,921	-	723,311	-	9,215,236
		Increase/(Decrease)	-	-	-	-	-	-	-	-	(4,619,711)	-	(94,968)	-	(4,714,679)
0410130 - UTP DFIT:Utility:PY	0410130	2021	-	-	-	-	-	-	-	-	-	-	-	1,365,752	1,365,752
	0410130	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	1,365,752	1,365,752
0410131 - UTP DSIT:Utility:PY	0410131	2021	-	-	-	-	-	-	-	-	-	-	-	1,634,133	1,634,133
	0410131	2020	-	-	-	-	-	-	-	-	-	-	-	-	-
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	-	1,634,133	1,634,133
0411100 - DfIt: Utility: Curr Year Cr	0411100	2021	-	-	(185,591,019)	-	-	(211,346,117)	-	-	(176,600,228)	-	(158,099,154)	(219,699,573)	(951,336,091)
	0411100	2020	-	-	(291,820,215)	-	-	(50,797,519)	-	-	(131,669,290)	-	(71,789,996)	(274,337,546)	(820,414,566)
		Increase/(Decrease)	-	-	106,229,196	-	-	(160,548,598)	-	-	(44,930,938)	-	(86,309,159)	54,637,974	(130,921,525)
0411101 - Dsit: Utility: Curr Year Cr	0411101	2021	-	-	(47,603,315)	-	-	(49,032,081)	-	-	(51,082,303)	-	(40,135,902)	(415,055,273)	(602,908,875)
	0411101	2020	-	-	(63,995,603)	-	-	(27,376,874)	-	-	(41,976,760)	-	(23,871,954)	(47,093,900)	(204,315,091)
		Increase/(Decrease)	-	-	16,392,288	-	-	(21,655,207)	-	-	(9,105,543)	-	(16,263,948)	(367,961,373)	(398,593,784)
0411102 - DfIt: Utility: Prior Year Cr	0411102	2021	-	-	-	-	-	-	-	-	(55,344,283)	-	(131,953)	-	(55,476,236)
	0411102	2020	-	-	-	-	-	-	-	-	(116,496,886)	-	(151,896)	-	(116,648,782)
		Increase/(Decrease)	-	-	-	-	-	-	-	-	61,152,603	-	19,943	-	61,172,546
0411103 - Dsit: Utility: Prior Year Cr	0411103	2021	-	-	-	-	-	-	-	-	(1,856,448)	-	(2,254,915)	-	(4,111,363)
	0411103	2020	-	-	-	-	-	-	-	-	(13,903,336)	-	(2,280,726)	-	(16,184,062)
		Increase/(Decrease)	-	-	-	-	-	-	-	-	12,046,888	-	25,811	-	12,072,698
0411115 - DFIT: Federal Excess DIT Amort	0411115	2021	-	(33,788,134)	(13,238,685)	(16,894,067)	(16,894,067)	(14,561,699)	(16,894,067)	(16,894,067)	(17,207,734)	(16,894,067)	(18,552,015)	(15,074,209)	(196,892,811)
	0411115	2020	-	(5,759,178)	(2,841,869)	(2,879,589)	(2,879,589)	(2,648,273)	(2,879,589)	(5,978,248)	(17,043,693)	(15,434,391)	(17,515,887)	(17,712,813)	(93,573,119)
		Increase/(Decrease)	-	(28,028,957)	(10,396,816)	(14,014,478)	(14,014,478)	(11,913,426)	(14,014,478)	(10,915,819)	(164,041)	(1,459,676)	(1,036,128)	2,638,604	(103,319,692)
0411410 - Invest Tax Credit Adj - Electric	0411410	2021	-	-	(1,070,821)	-	-	(588,437)	-	-	(1,310,458)	-	(659,937)	(329,969)	(3,959,622)
	0411410	2020	-	-	(1,059,584)	-	-	(1,059,584)	-	-	(1,059,584)	-	(706,389)	(353,195)	(4,238,337)
		Increase/(Decrease)	-	-	(11,237)	-	-	471,148	-	-	(250,874)	-	46,452	23,226	278,715
0807000 - Gas Purchased Expenses	0807000	2021	-	-	-	-	-	-	-	-	-	-	-	-	-
	0807000	2020	-	-	-	-	-	-	-	-	-	-	271	-	271
		Increase/(Decrease)	-	-	-	-	-	-	-	-	-	-	(271)	-	(271)
Total Electric Operating Expense		2021	432,177,432	457,146,630	409,469,227	391,273,395	377,848,960	431,775,748	476,258,210	486,980,208	492,518,460	417,077,899	401,572,977	440,882,917	5,214,982,064
Total Electric Operating Expense		2020	445,316,539	487,475,686	372,304,062	420,857,444	390,916,939	439,918,708	495,504,781	496,751,715	418,400,020	427,210,143	416,748,652	433,198,338	5,244,603,025
		Increase/(Decrease)	(13,139,106)	(30,329,055)	37,165,165	(29,584,048)	(13,067,979)	(8,142,959)	(19,246,571)	(9,771,507)	74,118,440	(10,132,244)	(15,175,675)	7,684,579	(29,620,961)

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0501007 - Beneficial Reuse - Coal Ash	(78,919)	2,656,802
0501008 - Contra fuel Exp BR Ash - SC	18,341	(670,266)
0501009 - Contra Fuel Exp BR Ash - W/S	(129,195)	18,614
0501015 - Contra Fuel Exp BR Ash - NCR	-	-
0501110 - Coal Consumed - Fossil Steam	509,419,250	428,535,150
0501310 - Oil Consumed - Fossil Steam	3,355,663	1,264,107
0501330 - Oil Light - Off - Fossil Steam	3,287,490	1,119,252
0509000 - Emission Allowances	3,324	2,675
0509213 - RECS Consumption Expense	24,441,818	28,903,071
0557450 - Commissions/Brokerage Expense	16,440	16,440
0557451 - EA & Coal Broker Fees	10,375	9,152
F_STEAM_PROD_FUEL - Steam Fossil Production Fuel (500-509)	540,344,587	461,854,995
0547100 - Natural Gas	98,121,931	378,918,900
0547101 - Natural Gas - CC	281,739,819	392,828,920
0547106 - Biogas Expense	3,886,168	3,513,761
0547107 - REC Biogas Contra Expense	(2,452,007)	(2,450,137)
0547108 - REC Biogas Contra Expense - SC	(74,110)	(65,124)
0547124 - I/C Gas Purchases	2,043,686	2,145,990
0547200 - Oil	2,063,581	6,445,340
F_COMB_PROD_FUEL - Combustion Production Fuel	385,329,067	781,337,650
0518100 - Burnup of Owned Fuel	256,442,658	259,578,561
0518620 - Canister Design Expense	524,367	1,538,887
F_PROD_NUCL_FUEL - Nuclear Production Fuel (517-525)	256,967,025	261,117,449
F_FUEL_USED_ELEC_GEN - Fuel Used in Electric Generation	1,182,640,679	1,504,310,094
0555120 - Purchased Power - Other	9,792	8,340
0555125 - Purchased Power- Renewable	70,245,372	73,398,098
0555130 - Purchased Power - Co Generation	38,703,329	43,122,286
0555135 - SC DERS Purchased Power	1,028,072	3,841,877
0555136 - SC Res Shared Solar Purchase	-	1
0555145 - Purchased Power - CPRE	(2,244,000)	(70,000)
0555150 - Purchased Power - Sepa	17,684	18,773
0555180 - Interchange	2,388,260	(872,547)
0555181 - Interchange Contra	(2,388,260)	872,547
0555200 - Interchange Power	73,825,592	88,372,023
0555220 - Interchange Power - Joint Owners	5,666,749	(803,587)
0555230 - JO Negative Generation	(188,590)	(258,387)
0555550 - Purchases Energy Imbalance	(339,741)	(2,883,663)
0555750 - Purchases - Generation Imbalance	1,307,904	2,987,297
0557980 - Retail Deferred Fuel Expenses	198,453,333	(316,480,327)
F_OTH_SUPPLY_EXP - Other Power Supply Expense	386,485,498	(108,747,269)
0555016 - I/C Joint Disp - Pur Pwr	114,139,436	206,521,042

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F_PURCHASED_POWER - Purchased Power (555)	500,624,934	97,773,773
0107888 - CWIP - BU Bal Sht - Svc Co Exp	-	1,879
0920000 - A and G Salaries	22,891,747	173,370,934
0920001 - SC O&M Labor Deferral	(27,456)	(20,872)
0920002 - NC O&M Labor Deferral	7,694,638	21,669,758
0920100 - Salaries & Wages - Proj Supt - NCRC Rec	65,020	13,710
0920300 - Project Development Labor	-	-
0921100 - Employee Expenses	4,126,791	3,964,628
0921101 - Employee Exp - NC	1,730	3,520
0921102 - Employee Exp - SC	499	957
0921110 - Relocation Expenses	491	294
0921200 - Office Expenses	12,451,068	10,328,597
0921300 - Telephone and Telegraph Exp	3,353	2,383
0921400 - Computer Services Expenses	4,187,092	4,235,471
0921540 - Computer Rent (Go Only)	4,277,262	5,009,127
0921600 - Other	(555,431)	(1,817,248)
0921900 - Office Supply And Exp-Partner	-	-
0921980 - Office Supplies and Expenses	66,076,312	72,550,176
0921990 - Corp Governance Office	-	-
0922000 - Admin Exp Transfer	2,327	485
0922700 - Admin Exp Transf - Catawba	(23,079,963)	(35,689,883)
0923000 - Outside Services Employed	56,942,463	61,169,303
0923980 - Outside Services Employee and	3,400,922	2,486,809
0924000 - Property Insurance	101,355	163,768
0924050 - Intercompany Property Insurance Exp	3,678,000	4,333,633
0924100 - Admin - EH&S Expense	-	-
0924980 - Property Insurance For Corp.	(214,552)	(9,499,655)
0925000 - Injuries and Damages	621,528	1,590,968
0925051 - Intercompany Gen Liab Expense	8,675,348	11,168,530
0925200 - Injuries and Damages - Other	193,906	162,334
0925300 - Environmental Inj and Damages	3,879,701	(280,587)
0925980 - Injuries and Damages For Corp.	9,110,213	8,929,953
0926000 - Employee Benefits	245,066,944	255,221,719
0926003 - NC Employee Benefits	(791,719)	(542,363)
0926004 - SC Employee Benefits	(105,768)	(48,671)
0926420 - Employees' Tuition Refund	4,297	871
0926430 - Employees'Recreation Expense	10,431	43,866
0926600 - Employee Benefits - Transferred	(90,585,336)	(94,933,331)
0926999 - Non Service Cost (ASU 2017-07)	(69,470,277)	(79,990,109)
0927001 - General and Administration	37,000	37,000
0928000 - Regulatory Expenses (Go)	15,923,819	15,704,752

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0929000 - Duplicate Chrgs - Enrgy To Exp	(11,401,484)	(4,699,143)
0929500 - Admin Exp Transf	(26,298,401)	(26,122,725)
0930150 - Miscellaneous Advertising Exp	5,767,536	6,055,556
0930200 - Misc General Expenses	(31,698,566)	(32,951,829)
0930210 - Industry Association Dues	1,311,656	1,380,476
0930220 - Exp of Servicing Securities	(23,037)	226,661
0930230 - Dues To Various Organizations	893,403	1,125,814
0930240 - Director'S Expenses	1,571,427	1,317,892
0930250 - Buy\Sell Transf Employee Homes	1,806,367	1,588,536
0930600 - Leased Circuit Charges - Other	1,281	1,631
0930700 - Research and Development	597,320	182,765
0930800 - R and D - Alternative Energy	1,980,108	2,074,004
0930940 - General Expenses	81,024	55,154
0931001 - Rents - AandG	28,095,032	26,134,757
0931003 - Lease Amortization Expense	511,732	(261,823)
0931008 - A and G Rents IC	20,952,126	19,426,980
F_ADMIN_GEN_OP_EXP - Admin & General Operation Expenses (920-931)	278,747,647	424,877,407
0546000 - Suprvsn and Enginring - Ct Oper	6,400,189	5,816,882
0546002 - Supvs and Engineer CT Opt - SC	48,384	48,384
0546003 - Supvs and Engineer CT Opt - WH	-	-
0547150 - Natural Gas Handling - Ct	446,368	570,560
0547300 - Fuel Handling and Testing - Ct	3,780	2,976
0548020 - Ammonia - Qualifying	340,058	480,692
0548100 - Generation Expenses - Other Ct	807,123	757,715
0548200 - Prime Movers - Generators - Ct	4,160,808	4,686,807
0549000 - Misc - Power Generation Expenses	10,670,817	9,244,747
0549200 - CT Misc Power Exp-Recoverable	-	-
0550001 - Other Power Gen Op Rents	(27,382)	68,373
F_COMB_PROD_OP_EXP - Combustion Production Op Expense (546-550.1)	22,850,145	21,677,136
0901000 - Supervision - Cust Accts	247,810	264,274
0902000 - Meter Reading Expense	1,618,984	1,151,033
0903000 - Cust Records and Collection Exp	36,920,458	62,324,579
0903001 - NC Cust Records & Exp	(18,306,091)	(17,604,281)
0903002 - SC Cust Records & Exp	(2,446,157)	(2,215,956)
0903100 - Cust Contracts and Orders - Local	10,724,028	7,867,850
0903200 - Cust Billing and Acct	25,059,619	23,703,606
0903240 - Customer Billing - Pmpa	-	-
0903250 - Customer Billing - Common	(0)	(0)
0903300 - Cust Collecting - Local	12,958,135	17,879,269
0903400 - Cust Receiv and Collect Exp - Edp	854,366	843,566
0903600 - Computer Serv Exps - Cust Accts	-	-

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0903750 - Common - Operating - Cust Accts	1	301
0904000 - Uncollectible Accounts	13,491,162	24,152,761
0904001 - Bad Debt Expense	221,793	659,282
0905000 - Misc Customer Accts Expenses	290,563	316,249
F_CUST_ACCT_EXP - Customer Account Expenses (901-905)	81,634,672	119,342,534
0908150 - Commer/Indust Assistance Exp	-	-
0909650 - Misc Advertising Expenses	121,877	269,563
0910000 - Misc Cust Serv/Inform Exp	11,391,599	11,040,568
0910100 - Exp - Rs Reg Prod/Svces - Cstaccts	3,449,735	3,107,471
0908000 - Cust Asst Exp-Conservation Programs - Rec	345	520
F_CUST_SERV_INFO - Customer Service and Information (907-910)	14,963,557	14,418,122
0580000 - Supervsn and Engring - Dist Oper	1,255,936	1,371,079
0581004 - Load Dispatch-Dist of Elec	7,109,892	6,340,945
0582100 - Station Expenses - Other - Dist	1,513,087	2,328,013
0582200 - Relays and Meters - Dist	1,452	2,668
0583100 - Overhead Line Exps - Other Dist	361,008	151,591
0583200 - Transf Set Rem Reset Test - Dist	1,234,982	1,088,927
0584000 - Underground Line Expenses - Dist	11,787,033	12,205,086
0585000 - St Lghtng and Sgnl Systm - Dist	57,628	17,412
0586000 - Meter Expenses - Dist	10,377,571	10,252,838
0587000 - Cust Install Exp - Other Dist	10,282,830	9,833,201
0587100 - Lcd - Opting and Installing - Dist	-	-
0588100 - Misc Distribution Exp - Other	40,971,708	49,221,435
0588101 - Grid Solutions O&M Deferral	(3,812,543)	(7,348,101)
0588300 - Load Mang - Gen and Control - Dist	-	-
0588301 - Miscellaneous Distribution Exp	663	726
0588700 - Intcon Study Costs (D)	-	1,105,756
0589000 - Rents - Dist Oper	51,140	40,233
F_DISTR_GEN_EXP_OTH - Distribution General Expense Other (580-589)	81,192,388	86,611,807
0535000 - Supervsn and Engrng - Hydro Oper	7,847,016	7,828,085
0537100 - Hydraulic Expenses	105,439	161,572
0537400 - Recreation Expenses - Hydro	(1,344,985)	(1,433,980)
0538100 - Electric Expenses - Other - Hydro	5,248,503	5,374,592
0539000 - Misc Hydraulic Expenses	8,039,057	9,430,035
F_HYDRO_PROD_OP - Hydraulic Production Operating	19,895,030	21,360,304
0517000 - Supervsn and Engrng - Nuc Oper	34,032,877	37,942,892
0517001 - Sup and Engineer - NC	(441,418)	94,214
0517002 - Sup and Engineer - SC	(150,616)	32,500
0517200 - Nuclear Op Super & Eng - NCRC Rec	-	-
0518510 - Oil in Aux Stm Gen Fac - Nuc Opr	9,425	811
0518530 - Diesel Unit Oil Cons - Nuc Oper	406,712	344,155

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0519000 - Coolants and Water - Nuc Oper	8,136,612	7,489,155
0519001 - Coolants and Water Nuc Op - NC	(65,186)	12,346
0519002 - Coolants and Water Nuc Op - SC	(22,149)	4,298
0520000 - Steam Expenses - Nuc Oper	41,878,296	36,864,755
0520001 - Steam Exp Nuc Op - NC	(1,078,197)	888,701
0520002 - Steam Exp Nuc Op - SC	(353,545)	305,011
0523000 - Electric Expenses	21,808,695	20,618,553
0523001 - Electric Exp - NC	(62,634)	313,505
0523002 - Electric Exp - SC	(17,738)	107,536
0524000 - Misc Expenses - Nuc Oper	162,095,033	164,692,433
0524001 - Misc Exp Nuc - NC	(120,660)	208,753
0524002 - Misc Exp Nuc - SC	(28,291)	71,519
0524400 - Misc Expenses-Nuc Oper - Recoverable	-	197
0524410 - Nuclear Misc Expense - NCRC Rec	2,477	8,998
0525001 - Nuc Power Gen Op Rents (I)	-	-
F_NUC_PROD_OP_EXP - Nuclear Production Operating Expense (517-525)	266,029,692	270,000,335
0556000 - System Cnts & Load Dispatching	-	16,539
0557000 - Other Expenses - Oper	113,888,373	111,234,129
F_OTH_EXP - Other Expenses (557)	113,891,832	111,250,667
0911000 - Supervision	-	2,005
0912000 - Demonstrating and Selling Exp	16,848,009	17,000,912
0912100 - Demonstration & Sell-Proj Supt - NCRC Rec	-	-
0913001 - Advertising Expense	498,440	347,428
0916000 - Miscellaneous Sales Expense	283,279	287,978
F_SALES_EXP - Sales Expense (911-917)	17,548,787	17,638,322
0500000 - Suprvsn and Engrg - Steam Oper	11,881,339	10,740,984
0501150 - Coal Handling	6,342,091	6,760,881
0501160 - Coal Sampling and Testing	27	8,402
0501180 - Sale of Fly Ash - Revenues	(1,326,057)	(573,721)
0501190 - Sale of Fly Ash - Expenses	3,219,688	3,488,403
0502020 - Ammonia - Qualifying	1,773,551	2,629,120
0502030 - Urea - Qualifying	492,740	389,401
0502040 - Cost of Lime	13,577,468	13,020,877
0502051 - Limestone Handling	-	-
0502070 - Gypsum - Qualifying	10,024,242	6,443,834
0502080 - Mag Hydroxide Qualifying Reag	821,398	932,897
0502082 - Re-emission Chem Exp - Reagent	345,138	316,690
0502083 - Activated Carbon Exp - Reagent	25,493	358,930
0502090 - Calcium Carbonate	524,803	582,066
0502100 - Fossil Steam Exp - Other	20,627,270	17,889,511
0502410 - Steam Oper-Bottom Ash/Fly Ash FL	4,053	1,398

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0504000 - Steam Transferred - Credit	-	-
0505000 - Electric Expenses - Steam Oper	7,346,083	6,291,489
0506000 - Misc Fossil Power Expenses	13,233,252	9,836,774
0506300 - Misc Fossil Power Expenses - Recoverable	-	-
F_STEAM_PROD_OP - Steam Production Operating (500-509)	88,912,791	79,117,934
0560000 - Supervsn and Engrng - Trans Oper	16,840	18,921
0561100 - Load Dispatch - Reliability	1,222,541	1,489,407
0561200 - Load Dispatch - MnitordandOprtrnsys	8,263,517	8,825,339
0561300 - Load Dispatch - TranssvchandSch	676,782	364,119
0561400 - Scheduling - Sys CntrlrandDisp Svs	-	-
0561500 - Reliability Planning and Stdsdev	274,392	266,364
0561600 - Trans Svc Studios	30,091	(28,347)
0561601 - Trans Study Reimbursement	(30,091)	28,920
0561700 - Incon Study Costs (T)	168,059	332,903
0561701 - Intcon Study Costs Reim (T)	(168,059)	(331,349)
0562000 - Station Expenses	1,786,638	2,842,461
0563000 - Overhead Line Expenses - Trans	984,009	804,165
0565000 - Transm of Elec By Others	388,160	360,813
0565010 - Trans of Elect - Purchase	-	-
0565016 - I/C Joint Disp - Trans NW Exp	1,639,255	2,952,562
0566000 - Misc Trans Exp - Other	6,830,988	9,751,424
0566100 - Misc Trans - Trans Lines Related	70,500	151,672
0567000 - Rents - Trans Oper	5,477	161,672
F_TRANS_OP_EXP - Transmission Operating Expense (560-567)	22,159,099	27,991,046
F_OTH_OPERATION - Other Operation	1,007,825,641	1,194,285,616
0823000 - Storage - Gas Losses	-	-
0852000 - Communication System Expenses	1,800	(1,800)
0870000 - Distribution Sys Ops - Supv/Eng	-	218
F_GAS_OPER_EXP - Gas Operating Expenses	2,071	(1,582)
F_OP_EXP - Operation Expenses (401)	2,691,093,324	2,796,367,900
0403100 - Depr of Steam Prod Plant	299,568,783	328,428,393
0403103 - Lease-Depr In rate base Plant	2,744,687	2,744,687
0403111 - Depr Steam Prdn Plt- SC	(562,666)	(955,043)
0403112 - Depr Steam Prdn Plt - WH	-	-
0403200 - Depr of Hydro Prod Plant	44,440,272	48,048,698
0403201 - Depr Hydro Prod Plnt - Sec 124	75,974	75,677
0403211 - Depr of Hydro Prod - SC	(4,963)	(4,963)
0403300 - Depr of Transm Plant	91,743,115	87,760,015
0403310 - Depr Transm Plt - NC	-	-
0403311 - Depr Transm Plt - SC	(671,856)	(1,168,036)
0403312 - Depr Transm Plt - WH	-	-

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0403350 - IC Lease - Depr of CT Plant	32,598,354	31,434,498
0403360 - Lease-Depr In rate base Plt IC	(25,193,201)	(23,924,137)
0403400 - Depr of Distribution Plant	290,257,776	306,410,216
0403410 - Depr Distribn - NC	(329,816)	(514,172)
0403411 - Depr Distribn - SC	(848,458)	(2,521,441)
0403412 - Depr Distribn Plt - WH	-	-
0403500 - Depr of General Plant	63,748,588	63,357,316
0403501 - SC EDP Depreciation Expense	(4,150,255)	(7,452,249)
0403600 - Depr of Comb Turb Plant	96,325,595	116,133,362
0403700 - Depr of Nuc Prod Plant	294,857,307	219,214,567
0403850 - Deferral of Depr. Exp. - Solar	(885,092)	(1,093,382)
F_ELECT_DEPR - Electric Depreciation	1,183,714,145	1,165,974,006
0403110 - Depr Steam Prdn Plt - NC	(8,174,560)	2,847,922
0403212 - Depr of Hydro Prod - WH	-	-
0403602 - Rotable Fleet Spare Amort	(435,003)	(192,010)
0403610 - Depr Cmb Turbine - NC	525,414	525,414
0403611 - Depr Cmb Turbine - SC	505,315	208,228
0403612 - Depr Cmb Turbine - WH	-	-
0403710 - Depr Nuc Product - NC	-	-
0403711 - Depr Nuc Product - SC	3,752,182	3,752,182
0403712 - Depr Nuc Product - WH	-	-
F_DEPR_EXP - Depreciation Expenses (403)	1,179,887,495	1,173,115,743
0404100 - Amor of Limited Term Elec Plt	119,082	119,617
0404200 - Amort of Elec Plt - Software	70,150,655	69,550,347
0404400 - Franchise Amortization	60	1,615,880
F_AMORT_LT_ELEC_PLT - Amort of LT Term Elec Plt	70,269,797	71,285,844
F_AMORT_DEPL_UT_PLNT - Amortization and Depletion of Utility Plant (404-4C	70,269,797	71,285,844
0407101 - Harris COLA Amort - Wholesale	1,165,988	1,165,988
0407102 - Harris COLA Amort - Retail	39,227,869	39,227,869
0407381 - Retired Plant Amort - Retail	4,700,773	4,700,773
0407382 - Retired Plant Amort - Whlsle	332,666	332,666
F_AMORT_PROP_LOSS - Amortization of Prop Loss, Unrecov Plant and Reg Stru	45,427,295	45,427,295
0407115 - Meter Amortization	11,654,702	11,763,852
0407300 - COR Settlements Amort-SC	1,678,648	1,678,648
0407302 - ABSAT Return Amort	4,190,455	9,484,791
0407305 - Regulatory Debits	1,426,330	1,256,963
0407313 - Amortization of CWDCC	120,038	120,038
0407324 - NC & MW Coal As Amort Exp	110,742,982	130,521,256
0407325 - SC & FL Coal Ash Amortization	17,524,961	17,524,961
0407326 - Wholesale Coal Ash Amort Exp	18,242,658	20,844,062
0407327 - Unbillable Coal Ash Expense	3,280,478	1,341,761

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0407340 - SC Grid Amort	1,015,238	1,015,238
0407342 - Nuclear Fuel - Last Core Amort	3,395,389	2,673,374
0407344 - Buck/Bridgewater Amort-SC	581,964	581,964
0407347 - Cliffside 6 Amort-SC	464,160	464,160
0407350 - REPS Rider NC Retail	(413,206)	3,183,981
0407351 - REPS Rider NC Whse	174,474	182,573
0407352 - REPS Rider NC Retail-Cert	(25,665,375)	(30,909,194)
0407353 - REPS Rider NC Whse-Cert	(2,097,212)	(2,251,387)
0407360 - CPRE REPS Rider NC Retail	1,711,309	3,371,627
0407362 - Dan River Amort-SC	810,852	810,852
0407364 - Oconee HELB Amort - SC	54,768	54,768
0407365 - McGuire Uprate Amort - NC	-	-
0407366 - McGuire Uprate Amort-SC	177,408	177,408
0407368 - Fukushima CyberSecurity Amort-SC	-	-
0407369 - Buck Retired Plant Amort-NC	823,712	519,576
0407373 - Buck Retired Plant Amort-SC	-	-
0407375 - M&S Inv LOL Reserve Amort	10,758,526	10,314,144
0407376 - Clemson Univ Grant Amort	-	-
0407383 - Amort Coal Ash Spend - Whlsale	-	-
0407385 - Deferred NDTF Overfund	-	-
0407388 - COR Settlement Amortz - NC	2,042,113	2,042,113
0407391 - SC Storm Reserve Accrual	21,660,141	(8,901,894)
0407392 - Amort Debt Ret-NC	-	-
0407393 - Amort Debt Ret-SC	907,332	907,332
0407394 - Amortization Customer Connect	1,063,138	4,201,705
0407396 - Amortization Storm NC	-	-
0407398 - ECIT Rider Amortization	(7,239,504)	(10,180,218)
0407447 - Lee CC Amort-NC Equity	1,186,193	1,186,193
0407448 - Lee CC Amort-NC Debt Ret	414,107	414,107
0407449 - Amort Levelized Ret LeeCC	305,645	305,645
0407455 - Lee CC Amort SC	401,647	(585,328)
0407501 - EDIT Rider Amort - NC Retail	-	(17,649,149)
F_TOT_REG_DEBITS - Regulatory Debits (407.3)	193,598,962	240,590,871
0411603 - Gain on Asset Ret Obligation	0	1,161
F_GAINS_DISP_UT_PLT - Gains from Disposition Utility Plant (411.6)	(0)	(1,161)
0411700 - Losses - Disposition Utility Plt	-	699,120
F_LOSS_DISP_UT_PLT - Losses from Disposition Utility Plant (411.7)	-	699,120
0411822 - SO2 Sales Proceeds	56	-
0411832 - NOx Sales Proceeds	-	-
0411861 - RECS COS	-	-
F_GAINS_DISP_ALLOW - (Less) Gains from Disposition of Allowances (411.8)	(7,556)	-

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0411050 - Accretion Expense ARO	-	-
0411051 - Accretion Expense - ARO Ash Pond	-	1,440,319
F_ACCRETION_EXP - Accretion Expense (411.10)	-	1,440,319
0407445 - SC Storm Reserve	-	-
0407450 - NC Amort of Retail REC Exp	(24,010,706)	(27,844,801)
0407451 - NC Amort of Whse REC Exp	(431,112)	(1,058,269)
0407700 - SC DERP Amortization	249,165	370,356
F_REG_CREDITS - (Less) Regulatory Credits (407.4)	(24,192,653)	(28,532,715)
0403151 - Depreciation Expense - ARO Ash	-	4,435,886
F_DEPR_EXP_ARO - Depreciation Expense for Asset Retirement Costs (403.1)	(51,093)	4,435,886
F_DEP_AMOR_PROP_LOSS - Depreciation and Amortization	1,464,932,246	1,508,461,202
0510000 - Suprvsn and Engrng - Steam Maint	11,935,606	10,970,589
0510001 - Deferred O&M-NC	-	-
0510002 - Deferred O&M - SC	45,720	45,720
0510003 - Deferred O&M - WH	-	-
0510100 - Suprvsn and Engrng-Steam Maint - Rec	397,843	422,398
0511000 - Maint of Structures - Steam	17,453,596	15,242,880
0511200 - Maint Of Structures-Steam - Recoverable	-	-
0512100 - Maint of Boiler Plant - Other	29,155,975	30,683,997
0513100 - Maint of Electric Plant - Other	11,043,936	11,917,580
0513101 - Maint Elec Plant - Mitigation	-	-
0513102 - Main. Electric Plt - NC	-	-
0513103 - Main. Electict Plt - SC	-	-
0514000 - Maintenance - Misc Steam Plant	6,259,425	3,357,160
0514300 - Maintenance - Misc Steam Plant	384	-
F_STEAM_PROD_MAINT - STEAM PRODUCTION MAINTENANCE (510-515)	76,292,485	72,640,324
0541000 - Suprvsn and Engrng - Hydro Maint	2,638,012	2,581,470
0542000 - Maint of Structures - Hydro	630,776	670,833
0543000 - Maint - Reservoir Dam and Waterway	2,842,907	3,528,982
0544000 - Maint of Electric Plant - Hydro	4,806,347	5,021,121
0545100 - Maint - Misc Hydraulic Plant	3,207,689	2,241,784
0545400 - Recreation Facilities - Hydro	936,171	983,939
F_HYDRO_PROD_MAINT - HYDRO PRODUCTION MAINTENANCE (541-545.1)	15,061,902	15,028,129
0569000 - Maint of Structures - Trans	227,497	504,747
0569100 - Maint of Computer Hardware	457	74,394
0569200 - Maint of Computer Software	2,967,646	3,036,301
0569300 - Maint of Communication Equipment	-	-
0570100 - Maint Stat Equip - Other_Trans	1,782,870	744,331
0570200 - Main - Cir Brkrs Trnsf Mtrs - Trans	7,021,055	7,673,251
0571000 - Maint of Overhead Lines - Trans	17,253,201	14,982,175
0571001 - Transmission O&M Deferral SC	(1,082)	(1,351)

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0572000 - Maintenance of Underground Lines	(60,194)	(57,262)
0573000 - Maint of Misc Transm Plant	48,861	392
F_TRANS_MAINT - TRANSMISSION MAINTENANCE (568-574)	29,240,311	26,956,978
0590000 - Supervsn and Engrng - Dist Maint	1,435,812	1,852,495
0591000 - Maintenance of Structures - Dist	-	607
0592100 - Maint Station Equip - Other - Dist	545,566	391,564
0592200 - Cir Brkrs Trnsf Mters Rely - Dist	3,066,303	3,728,311
0593000 - Maint Overhd Lines - Other - Dist	125,026,913	69,377,330
0593100 - Right - Of - Way Maintenance - Dist	73,370,395	72,997,551
0594000 - Maint - Underground Lines - Dist	13,073,554	10,473,233
0595100 - Maint Lines Transfrs - Other - Dist	1,004,884	1,077,721
0595200 - Cir Brkrs Transf Capcitr - Dist	1,701,295	1,419,680
0596000 - Maint - Streetlightng/Signl - Dist	12,633,379	12,064,849
0597000 - Maintenance of Meters - Dist	2,101,785	2,166,269
0598100 - Main Misc Dist Plt - Other - Dist	3,040,017	1,016,422
F_DIST_GEN_EXP_MAINT - DISTRIBUTION GENERAL EXPENSE MAINTENANCE (5	236,999,903	176,566,032
0551000 - Suprvsn and Enginrng - Ct Maint	4,431,182	5,221,418
0552000 - Maintenance of Structures - Ct	6,143,431	6,428,872
0553000 - Maint - Gentg and Elect Equip - Ct	22,866,943	9,225,911
0553100 - CT Maint of Gen and Plant-Recoverable	-	2,037
0554000 - Misc Power Generation Plant - Ct	4,351,750	5,514,878
0554100 - Other Production Maintenance	48,421	18,135
F_COMB_PROD_MAINT - Combustion Production Maintenance (551-554.1)	37,841,727	26,411,251
0528000 - Maint Suprvsn and Enginrng - Nuc	52,150,272	46,151,803
0528001 - Main Sup and Eng Nuc - NC	(1,614,708)	1,317,165
0528002 - Main Sup and Eng Nuc - SC	(545,439)	450,677
0529000 - Maintenance of Structures - Nuc	9,645,118	6,394,062
0529001 - Main of Structure Nuc - NC	(221,023)	566,529
0529002 - Main of Structure Nuc - SC	(73,373)	194,480
0530000 - Maint of Reactor Plt Equip - Nuc	78,496,555	63,275,470
0530001 - Main Reactor Plt Eq Nuc - NC	(5,137,385)	977,751
0530002 - Main Reactor Plt Eq Nuc - SC	(1,710,806)	335,937
0531100 - Maint Electric Plt - Other - Nuc	43,292,307	34,825,504
0531101 - Main Elect Plt Other Nuc - NC	(2,565,633)	1,456,220
0531102 - Main Elect Plt Other Nuc - SC	(831,544)	499,159
0531200 - Monitor Ventiltn Gas - Nuc Maint	-	-
0532100 - Maint Misc Nuclear Plt - Other	49,771,868	39,733,475
0532101 - Main Misc Nuc Plt - NC	(3,740,977)	1,142,732
0532102 - Main Misc Nuc Plt - SC	(1,262,699)	397,511
F_NUCLEAR_PROD_MAINT - NUCLEAR PRODUCTION MAINTENANCE (528-532)	215,652,531	197,718,475
0932000 - Maintenance of General Plant	8,996	2,123

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0935100 - Maint General Plant-Elec	1,079,818	1,405,934
0935200 - Cust Infor and Computer Control	2,612	4,321
F_ADMIN_GEN_MAINT - ADMIN GENERAL EXPENSE MAINT (935)	1,091,426	1,412,378
0402000 - Maintenance Expense	2,100	12,207
F_GAS_PROD_MAINT_EXP - Gas Production Maintenance Expenses	2,100	12,207
0553220 - Solar: Maint Gen & Elect Plt	50	-
0554220 - Solar: Maint Misc Gen Plt	14,690	383,001
F_SOLAR_MAINT - Solar Maintenance Expense	14,807	383,001
F_MAINT_EXP - Maintenance Expenses (402)	612,197,192	517,128,775
0408000 - NC Property Tax - Electric	97,457,802	107,683,943
0408050 - Municipal License-Electric	269	75
0408100 - Franchise Tax - Electric	103,877	235,598
0408120 - Franchise Tax - Non Electric	-	12
0408123 - Deferred Property Tax - NC	96,602	96,602
0408124 - Deferred Property Tax - SC	1,342,394	5,403
0408125 - Deferred Property Taxes-WH	-	-
0408150 - State Unemployment Tax	2,467,566	856,625
0408151 - Federal Unemployment Tax	(585,898)	436,457
0408152 - Employer FICA Tax	69,907,414	66,346,780
0408153 - Employer Local Tax	-	33,000
0408200 - NC Industrial Comm - Electric	119,150	174,828
0408205 - Highway Use Tax	20,000	-
0408360 - SC Property Tax - Electric	125,002,249	140,937,213
0408460 - SC Kwh Power Gen Tax - Electric	9,158,023	9,348,059
0408470 - Franchise Tax	34,465,620	35,637,198
0408620 - SC Greenwood Tax - Electric	675	163
0408800 - Federal Highway Use Tax - Elec	1,343	-
0408851 - Sales and Use Tax Exp	(16,255,843)	(13,469,551)
0408960 - Allocated Payroll Taxes	(26,438,425)	(27,739,888)
0408963 - NC Alloc Payroll Tax	(212,280)	(158,592)
0408964 - SC Alloc Payroll Tax	(28,359)	(14,170)
F_TAX_OTH_INC_TAX - Taxes Other Than Income Taxes (408.1)	296,622,180	320,409,756
F_OP_EXP_BEFORE_TAX - Total Operating Expense Before Income Taxes	5,064,844,941	5,142,367,632
0409190 - Federal Income Tax - Electric CY	260,590,089	269,362,369
0409192 - UTP Tax Expense: Fed Utility	-	-
F_FED_INC_TAX_ELE_CY - Federal Income Tax - Electric CY	260,590,089	269,362,369
0409191 - Federal Income Tax - Electric PY	37,525,900	(16,454,362)
0409195 - UTP Tax Expense: Fed Util-PY	1,910,095	0
F_FED_INC_TAX_ELE_PY - Federal Income Tax - Electric PY	39,435,995	(16,454,361)
F_INC_TAX_FED - Income Taxes Federal (409.1)	300,026,084	252,908,008
0409112 - UTP Tax Expense: State Utility	-	-

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0409113 - UTP Tax Exp: State Util-PY	-	-
F_NC_INCOME_TAX_ELEC - NC Income Tax - Electric	-	-
0409102 - SIT Exp - Utility	24,308,781	30,139,061
0409104 - Current State Income Tax - PY	8,304,065	(2,421,232)
F_INC_TAX_OTH - Income Tax - Other (409.1)	32,612,846	27,717,829
0410100 - Dfit: Utility: Current Year	886,103,469	1,017,389,346
0410102 - Dsit: Utility: Current Year	138,615,450	522,496,817
0410105 - Dfit: Utility: Prior Year	68,558,956	59,286,988
0410106 - Dsit: Utility: Prior Year	9,215,236	4,500,558
0410130 - UTP DFIT:Utility:PY	-	1,365,752
0410131 - UTP DSIT:Utility:PY	-	1,634,133
F_PROV_DEF_INC_TAX - Provision for Deferred Income Taxes (410.1)	1,102,493,110	1,606,673,593
0411100 - Dfit: Utility: Curr Year Cr	(820,414,566)	(951,336,091)
0411101 - Dsit: Utility: Curr Year Cr	(204,315,091)	(602,908,875)
0411102 - Dfit: Utility: Prior Year Cr	(116,648,782)	(55,476,236)
0411103 - Dsit: Utility: Prior Year Cr	(16,184,062)	(4,111,363)
0411115 - DFIT: Federal Excess DIT Amort	(93,573,119)	(196,892,811)
F_DEF_INC_TAX_CR - (Less) Provision for Deferred Income Tax-Cr. (411.1)	(1,251,135,620)	(1,810,725,377)
F_PROVISION_DEF_INC - Provision for Deferred Income (410.1)	(148,642,510)	(204,051,783)
0411410 - Invest Tax Credit Adj - Electric	(4,238,337)	(3,959,622)
F_INV_TAX_CR_ADJ - Investment Tax Credit Adj. - Net (411.4)	(4,238,337)	(3,959,622)
F_TAXES - Total Income Taxes On Operating Income	179,758,084	72,614,432
F_UTIL_OP_EXP - Total Utility Operating Expenses	5,244,603,025	5,214,982,064

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Classification	Sub-Classification	Account - Account Description	Account	FERC Account	2016	2017	% Change	2018	% Change	2019	% Change	2020	% Change	2021	% Change	
Steam Power Generation	Operation Supervision Engineering	0500000 - Suprvisn and Engrg - Steam Oper	0500000	500	17,295,745	14,817,549		14,106,955		12,042,454		11,881,339		10,740,984		
		0500100 - Fossil Oper Supervs/Engineer-Recoverable	0500100	500	-	-		-		212		-		-		
		500 Total			17,295,745	14,817,549	-14%	14,106,955	-5%	12,042,454	-15%	11,881,551	-1%	10,740,984	-10%	
		0501007 - Beneficial Reuse - Coal Ash	0501007	501	-	120,481,185		69,033,482		10,618,367		(78,919)		2,656,802		
		0501008 - Contra Fuel Exp BR Ash - SC	0501008	501	-	(28,538,740)		(16,395,042)		(2,528,876)		18,341		(670,266)		
		0501009 - Contra Fuel Exp BR Ash - W/S	0501009	501	-	0		(115,964)		(159,998)		(129,195)		18,614		
		0501015 - Contra Fuel Exp BR Ash - NCR	0501015	501	-	-		(41,063,333)		(6,846,211)		-		-		
		0501016 - 0501016 - IC Joint Disp - Fuel Synergies	0501016	501	(601,902)	-		-		-		-		-		
		0501110 - 0501110 - Coal Consumed - Fossil Steam	0501110	501	839,175,944	747,365,798		676,787,906		688,831,904		509,419,250		428,535,150		
		0501150 - 0501150 - Coal Handling	0501150	501	8,561,639	9,173,649		9,047,197		8,938,760		6,342,091		6,760,881		
		0501160 - 0501160 - Coal Sampling and Testing	0501160	501	96,088	60,194		31,504		8,065		27		8,402		
		0501180 - 0501180 - Sale of Fly Ash - Revenues	0501180	501	(1,759,637)	(1,718,217)		(793,723)		(587,115)		(1,326,057)		(573,721)		
		0501181 - 0501181 - Contra Fuel Exp Pond Ash - SC	0501181	501	-	90,822		-		-		-		-		
		0501182 - 0501182 - Contra Fuel Exp Pond Ash - W/S	0501182	501	-	28,617		-		-		-		-		
		0501190 - 0501190 - Sale of Fly Ash - Expenses	0501190	501	4,125,698	4,483,591		4,296,418		5,379,888		3,219,688		3,488,403		
		0501230 - 0501230 - Natural Gas Handling	0501230	501	-	-		-		-		-		-		
		0501310 - 0501310 - Oil Consumed - Fossil Steam	0501310	501	4,857,792	5,771,526		8,586,389		7,285,496		3,355,663		1,264,107		
		0501330 - 0501330 - Oil Light - Off - Fossil Steam	0501330	501	6,655,236	7,542,632		7,287,851		6,451,433		3,287,490		1,119,252		
		0501996 - 0501996 - Fuel Expense	0501996	501	-	-		-		-		-		-		
		501 Total			861,230,298	864,621,619	0%	716,702,684	-17%	717,391,713	0%	524,108,380	-27%	442,607,622	-16%	
		Fuel	0502020 - Ammonia - Qualifying	0502020	502	4,953,576	3,955,036		3,131,057		2,629,120		-		-	
			0502030 - Urea - Qualifying	0502030	502	1,669,891	976,445		928,117		590,744		492,740		389,401	
			0502040 - Cost of Lime	0502040	502	16,958,869	18,960,371		19,594,631		18,471,790		13,577,468		13,020,877	
			0502050 - Diabasic Acid - Qualifying	0502050	502	-	60,224		-		-		-		-	
			0502070 - Gypsum - Qualifying	0502070	502	5,963,739	6,065,708		6,190,611		9,315,177		10,024,242		6,443,834	
	0502080 - Mag Hydroxide Qualifying Reag		0502080	502	1,889,413	1,436,090		1,675,320		1,264,664		821,398		932,897		
	0502082 - Re-emission Chem Exp - Reagent		0502082	502	-	104,561		69,161		284,446		345,138		316,690		
	0502083 - Activated Carbon Exp - Reagent		0502083	502	64,494	-		170,782		171,399		25,493		358,930		
	0502090 - Calcium Carbonate		0502090	502	965,140	707,554		678,564		736,663		524,803		582,066		
	0502100 - Fossil Steam Exp - Other		0502100	502	21,630,792	22,036,236		21,064,445		21,271,298		20,627,270		17,889,511		
	0502160 - Reagent Synergy Savings		0502160	502	-	360,676		-		-		-		-		
	0502161 - By-Product Synergy Savings		0502161	502	(211,991)	-		-		-		-		-		
	0502051 - Limestone Handling		0502051	502	-	-		13,054		-		-		-		
	0502410 - Steam Oper- Bottom Ash/Fly Ash FL		0502410	502	-	1,449		1,449		3,853		4,053		1,398		
	502 Total				54,304,824	54,242,000	0%	53,517,190	-1%	55,034,789	3%	48,216,157	-12%	42,564,724	-12%	
	Steam Expenses		0504000 - Steam Transferred - Credit	0504000	504	-	65		(65)		-		-		-	
	504 Total			-	65	0%	(65)	-200%	-	-100%	-	-100%	-	0%	-	0%
	Steam Expenses		0505000 - Electric Expenses-Steam Oper	0505000	505	7,521,429	7,400,350		7,450,715		7,636,976		7,346,083		6,291,489	
	505 Total			7,521,429	7,400,350	-2%	7,450,715	1%	7,636,976	2%	7,346,083	-4%	6,291,489	-14%		
	Electric Expenses	0506000 - Misc Fossil Power Expenses	0506000	506	22,703,313	18,178,317		18,743,126		10,977,458		13,233,252		9,836,774		
		0506300 - Misc Fossil Power Expenses - Recoverables	0506300	506	1,574	5,069		459		-		-		-		
	506 Total			22,704,887	18,183,387	-20%	18,743,585	3%	10,977,458	-41%	13,233,252	21%	9,836,774	-26%		
	Miscellaneous Steam Power Expenses	0509000 - Emission Allowances	0509000	509	6,372	5,450		4,202		3,424		3,324		2,675		
		0509210 - NOx Emission Expense	0509210	509	31,032	(30)		-		-		-		-		
		0509213 - RECS Consumption Expense	0509213	509	13,523,564	13,635,107		17,165,794		22,565,346		24,441,818		28,903,071		
509 Total				13,560,969	13,640,526	1%	17,169,996	26%	22,568,770	31%	24,445,142	8%	28,905,745	18%		
Allowances	0510000 - Suprvisn and Engrng - Steam Maint	0510000	510	12,820,842	12,156,171		13,012,747		11,963,229		11,935,606		10,970,589			
	0510001 - Deferred O&M-NC	0510001	510	812,208	813,787		550		550		-		-			
	0510002 - Deferred O&M - SC	0510002	510	45,720	45,720		45,720		45,721		45,720		45,720			
	0510003 - Deferred O&M - WH	0510003	510	69,708	69,708		39,324		17,031		-		-			
	0510100 - Suprvisn and Engrng-Steam Maint - Rec	0510100	510	358,504	309,516		499,867		585,904		397,843		422,398			
	510 Total			14,106,983	13,394,902	-5%	13,598,207	2%	12,612,434	-7%	12,379,169	-2%	11,438,707	-8%		
	0511000 - Maint of Structures - Steam	0511000	511	11,634,673	5,486,137		25,391,613		22,739,325		17,453,596		15,242,880			
0511200 - Maint Of Structures-Steam - Recoverable	0511200	511	-	725		25		-		-		-				
511 Total			11,634,673	5,486,862	-53%	25,391,613	363%	22,739,350	-10%	17,453,596	-23%	15,242,880	-13%			
Maintenance of Structures	0512100 - Maint Of Boiler Plant-Other	0512100	512	47,947,973	43,658,583		40,874,905		37,931,110		29,155,975		30,683,997			
	0512300 - Maint Of Boiler Plant Oth-Rec	0512300	512	-	2		-		-		-		-			
512 Total			47,947,973	43,658,585	-9%	40,874,905	-6%	37,931,110	-7%	29,155,975	-23%	30,683,997	5%			
Maintenance of Boiler Plant	0513100 - Maint of Electric Plant - Other	0513100	513	28,664,830	29,813,042		18,612,933		13,309,186		11,043,936		11,917,580			
	0513101 - Maint Elec Plant - Mitigation	0513101	513	-	(3,601)		3,045		1,952		-		-			
	0513102 - Main. Electric Pit - NC	0513102	513	3,626	2,367		1,544		-		-		-			
	0513103 - Main. Electric Pit - SC	0513103	513	1,216	1,236		551		-		-		-			
	0513300 - Maint of Electric Plant-Other - Recoverable	0513300	513	3,771	-		-		-		-		-			
	513 Total			28,673,443	29,813,044	4%	18,618,073	-38%	13,311,138	-29%	11,043,936	-17%	11,917,580	8%		
Maintenance of Electric Plant	0514000 - Maintenance - Misc Steam Plant	0514000	514	4,340,112	6,650,632		5,950,994		5,197,886		6,259,425		3,357,160			
	0514300 - Maintenance - Misc Steam Plant	0514300	514	19,592	7,182		6,191		5,622		384		-			
514 Total			4,359,705	6,657,814	53%	5,957,186	-11%	5,203,508	-13%	6,259,809	20%	3,357,160	-46%			
Maintenance of Miscellaneous Steam Plant	0517000 - Supervn and Engrng-Nuc Oper	0517000	517	41,084,544	36,418,104		36,656,416		36,600,369		34,032,877		37,942,892			
	0517001 - Sup & Engineer- NC	0517001	517	1,004,816	(70,648)		(60,586)		137,234		(441,418)		94,214			
	0517002 - Sup & Engineer- SC	0517002	517	336,699	(39,811)		(22,868)		56,166		(150,616)		32,500			
	0517200 - Nuclear Op Super & Eng - NCR Rec	0517200	517	-	-		187		-		-		-			
	517 Total			42,426,059	36,307,644	-14%	36,573,149	1%	36,793,768	1%	33,440,843	-9%	38,069,607	14%		
	0518100 - Burnup Of Owned Fuel	0518100	518	293,680,723	307,787,905		275,311,826		270,484,487		256,442,658		259,578,561			
Nuclear Power Generation	Operation Supervision Engineering	0518500 - Nuclear Fuel Synergy Savings	0518500	518	3,817	-		-		-		-		-		
		0518510 - Oil In Aux Stm Gen Fac-Nuc Opr	0518510	518	8,324	8,067		11,419		10,691		9,425		811		
		0518530 - Diesel Unit Oil Cons-Nuc Oper	0518530	518	302,895	230,515		106,987		170,238		406,712		344,155		
		0518620 - Canister Design Expense	0518620	518	239,899	338,622		813,802		53,102		524,367		1,538,887		
		518 Total			294,289,658	308,365,108	5%	276,244,035	-10%	270,718,518	-2%	257,383,162	-5%	261,462,415	2%	

Classification	Sub-Classification	Account - Account Description	Account	FERC Account	2016	2017	% Change	2018	% Change	2019	% Change	2020	% Change	2021	% Change
Coolants and Water	Fuel	0519000 - Coolants And Water-Nuc Oper	0519000	519	9,201,028	8,888,962		9,091,343		7,683,733		8,136,612		7,489,155	
		0519001 - Coolants & Water Nuc Op- NC	0519001	519	158,532	(1,687)		(32,571)		36,211		(65,186)		12,346	
		0519002 - Coolants & Water Nuc Op- SC	0519002	519	53,294	(2,734)		(11,882)		13,944		(22,149)		4,298	
			519 Total		9,412,855	8,884,540	-6%	9,046,891	2%	7,733,888	-15%	8,049,277	4%	7,505,800	-7%
	Coolants and Water	0520000 - Steam Expenses-Nuc Oper	0520000	520	43,591,942	50,171,714		46,192,663		38,350,391		41,878,296		36,864,755	
		0520001 - Steam Exp Nuc Op- NC	0520001	520	7,932,157	(699,551)		(553,775)		1,776,658		(1,078,197)		888,701	
		0520002 - Steam Exp Nuc Op- SC	0520002	520	2,667,444	(348,367)		(215,638)		678,770		(353,545)		305,011	
			520 Total		54,191,543	49,123,796	-9%	45,423,250	-8%	40,805,819	-10%	40,446,554	-1%	38,058,468	-6%
	Steam Expenses	0523000 - Electric Expenses	0523000	523	20,253,178	21,505,945		21,321,886		20,768,056		21,808,695		20,618,553	
		0523001 - Electric Exp - NC	0523001	523	859,563	(141,577)		(389,065)		383,678		(62,634)		313,505	
0523002 - Electric Exp - SC		0523002	523	290,271	(61,254)		(141,856)		142,940		(17,738)		107,536		
Electric Expenses		523 Total		21,403,012	21,303,114	0%	20,790,965	-2%	21,294,674	2%	21,728,323	2%	21,039,593	-3%	
	0524000 - Misc Expenses-Nuc Oper	0524000	524	193,076,950	182,707,106		179,504,609		171,518,850		162,095,033		164,692,430		
	0524001 - Misc Exp Nuc - NC	0524001	524	2,081,644	(49,176)		(226,825)		330,629		(120,660)		208,753		
	0524002 - Misc Exp Nuc - SC	0524002	524	816,026	81,405		(76,067)		123,948		(28,291)		71,519		
	0524400 - Misc Expenses-Nuc Oper - Recov	0524400	524	-	-		11,544		-		-		197		
	0524410 - Nuclear Misc Expense - NCRC Re	0524410	524	-	317		2,922		1,449		2,477		8,998		
		524 Total		195,974,619	182,739,652	-7%	179,216,183	-2%	171,974,876	-4%	161,948,559	-6%	164,981,901	2%	
	Miscellaneous Nuclear Power Expenses	0525001 - Nuc Power Gen Op Rents	0525001	525	-	-		618		-		-	-	-	
			525 Total		-	-	0%	618	0%	-	-100%	-	0%	-	0%
	Miscellaneous Nuclear Power Expenses	0528000 - Maint Suprvsn and Engrng-Nuc	0528000	528	76,146,724	71,934,632		60,587,136		50,737,645		52,150,272		46,151,803	
0528001 - Main Sup & Eng Nuc - NC		0528001	528	3,453,844	1,022,620		(671,571)		852,126		(1,614,708)		1,317,165		
0528002 - Main Sup & Eng Nuc - SC		0528002	528	1,160,204	308,998		(248,482)		322,275		(545,439)		450,677		
		528 Total		80,760,772	73,266,249	-9%	59,667,083	-19%	51,912,045	-13%	49,990,124	-4%	47,919,645	-4%	
Maintenance Supervision and Engineering	0529000 - Maintenance Of Structures-Nuc	0529000	529	13,558,250	12,458,294		13,571,207		10,517,866		9,645,118		6,394,062		
	0529001 - Main of Structure Nuc - NC	0529001	529	1,425,053	72,274		(133,186)		157,343		(221,023)		566,529		
	0529002 - Main of Structure Nuc - SC	0529002	529	478,649	6,471		(49,987)		64,721		(73,373)		194,480		
		529 Total		15,462,151	12,537,039	-19%	13,388,034	7%	10,739,931	-20%	9,350,722	-13%	7,155,071	-23%	
Maintenance of Structures	0530000 - Maint Of Reactor Plt Equip-Nuc	0530000	530	61,263,934	90,434,108		86,167,991		58,919,270		78,496,555		63,275,470		
	0530001 - Main Reactor Plt Eq Nuc - NC	0530001	530	29,573,643	(2,429,925)		(2,347,358)		3,815,893		(5,137,385)		977,751		
	0530002 - Main Reactor Plt Eq Nuc - SC	0530002	530	9,948,421	(1,241,188)		(901,246)		1,571,646		(1,710,806)		335,937		
		530 Total		100,785,997	86,762,995	-14%	82,919,387	-4%	64,306,809	-22%	71,648,363	11%	64,589,158	-10%	
Maintenance of Reactor Plant Equipment	0531100 - Maint Electric Plt-Other-Nuc	0531100	531	40,960,916	56,956,406		58,892,206		34,252,696		43,292,307		34,825,504		
	0531101 - Main Elect Plt Other Nuc - NC	0531101	531	20,487,326	594,945		(3,665,062)		4,934,307		(2,565,633)		1,456,220		
	0531102 - Main Elect Plt Other Nuc - SC	0531102	531	6,917,752	285,288		(1,351,997)		1,851,580		(831,544)		499,159		
	0531200 - Monitor Ventiltn Gas - Nuc Maint	0531200	531	-	-		(243,502)		48,414		-		-		
		531 Total		68,365,994	57,836,639	-15%	53,631,645	-7%	41,086,997	-23%	39,895,130	-3%	36,780,883	-8%	
	0532101 - Main Misc Nuc Plt - NC	0532101	532	6,774,891	(1,641,787)		(3,602,549)		1,862,802		(3,740,977)		1,142,732		
Hydraulic Power Generation	0532102 - Main Misc Nuc Plt - SC	0532102	532	2,277,695	(665,789)		(1,304,096)		745,289		(1,262,699)		397,511		
		532 Total		46,920,650	45,930,851	-2%	55,488,912	21%	47,275,835	-15%	44,768,192	-5%	41,273,719	-8%	
	0535000 - Supervsn and Engrng-Hydro Oper	0535000	535	7,775,296	7,652,327		8,646,000		8,412,811		7,847,016		7,828,085		
		535 Total		7,775,296	7,652,327	-2%	8,646,000	13%	8,412,811	-3%	7,847,016	-7%	7,828,085	0%	
	0537100 - Hydraulic Expenses	0537100	537	17,522	18,053		95,283		107,614		105,439		161,572		
	0537400 - Recreation Expenses-Hydro	0537400	537	(411,495)	(848,389)		(1,028,221)		(1,004,397)		(1,344,985)		(1,433,980)		
		537 Total		(303,973)	(830,335)	111%	(932,938)	12%	(896,783)	-4%	(1,239,546)	38%	(1,272,408)	3%	
	0538100 - Electric Expenses-Other-Hydro	0538100	538	4,981,931	5,613,211		5,612,382		5,400,529		5,248,503		5,374,592		
		538 Total		4,981,931	5,613,211	13%	5,612,382	0%	5,400,529	-4%	5,248,503	-3%	5,374,592	2%	
	0539000 - Misc Hydraulic Expenses	0539000	539	8,459,044	8,951,738		8,678,588		9,037,136		8,039,057		9,430,035		
Miscellaneous Hydraulic Power Generation Expenses		539 Total		8,459,044	8,951,738	6%	8,678,588	-3%	9,037,136	4%	8,039,057	-11%	9,430,035	17%	
	0541000 - Suprvsn and Engrng-Hydro Maint	0541000	541	2,646,565	2,614,689		2,733,907		2,460,454		2,638,012		2,581,470		
		541 Total		2,646,565	2,614,689	-1%	2,733,907	5%	2,460,454	-10%	2,638,012	7%	2,581,470	-2%	
	0542000 - Maint Of Structures-Hydro	0542000	542	2,360,326	1,270,898		743,175		574,622		630,776		670,833		
Maintenance of Structures		542 Total		2,360,326	1,270,898	-46%	743,175	-42%	574,622	-23%	630,776	10%	670,833	6%	
	0543000 - Maint-Reservoir,Dam & Waterway	0543000	543	3,913,813	3,553,530		3,173,870		2,925,704		2,842,907		3,528,982		
		543 Total		3,913,813	3,553,530	-9%	3,173,870	-11%	2,925,704	-8%	2,842,907	-3%	3,528,982	24%	
	0544000 - Maint Of Electric Plant-Hydro	0544000	544	7,055,932	6,721,117		6,051,617		5,850,137		4,806,347		5,021,121		
Other Power Generation		544 Total		7,055,932	6,721,117	-5%	6,051,617	-10%	5,850,137	-3%	4,806,347	-18%	5,021,121	4%	
	0545100 - Maint-Misc Hydraulic Plant	0545100	545	3,602,183	2,900,452		3,068,068		2,428,511		3,207,689		2,241,784		
	0545400 - Recreation Facilities-Hydro	0545400	545	887,596	1,040,785		952,951		1,461,447		936,171		983,939		
		545 Total		4,489,779	3,941,237	-12%	4,021,019	2%	3,889,957	-3%	4,143,860	7%	3,225,723	-22%	
	0546000 - Suprvsn and Engrng-CT Oper	0546000	546	5,071,159	4,639,760		8,636,365		8,032,858		6,400,189		5,816,882		
	0546001 - Supvs and Engineer CT Opt - NC	0546001	546	604,344	604,344		-		-		-		-		
	0546002 - Supvs & Engineer CT Opt- SC	0546002	546	48,384	48,384		48,384		48,384		48,384		48,384		
	0546003 - Supvs and Engineer CT Opt - WH	0546003	546	49,380	49,380		49,380		28,805		-		-		
		546 Total		5,773,267	5,341,868	-7%	8,734,129	64%	8,110,047	-7%	6,448,573	-20%	5,865,266	-9%	
	0547000 - Fuel Expense-CT	0547000	547	-	-		-		-		-		-		
Operation Supervision and Engineering	0547100 - Natural Gas	0547100	547	62,717,011	23,821,600		98,356,933		80,650,958		98,121,931		378,918,900		
	0547101 - Natural Gas - CC	0547101	547	234,498,987	259,880,254		373,047,230		322,421,309		281,739,819		392,828,920		
	0547106 - Biogas Expense	0547106	547	-	996,324		3,466,205		2,384,026		3,886,168		3,513,761		
	0547107 - REC Biogas Contra Expense	0547107	547	-	(404,508)		(1,800,555)		(1,424,243)		(2,452,007)		(2,450,137)		
	0547108 - REC Biogas Contra Expense - SC	0547108	547	-	-		(79,134)		(54,303)		(74,110)		(65,124)		
	0547123 - Gas Capacity - Intercompany	0547123	547	5,733,627	-		-		-		-		-		
	0547124 - I/C Gas Purchases	0547124	547	-	11,387,785		8,437,660		2,057,897		2,043,686		2,145,990		
	0547127 - Gas Desk Savings	0547127	547	129,570	-		-		-		-		-		
	0547150 - Natural Gas Handling-CT	0547150	547	345,526	438,321		414,758		444,577		446,368		570,560		
	0547200 - Oil	0547200	547	3,203,952	3,711,900		25,830,495		949,755		2,063,581		6,445,340		
	0547300 - Fuel Handling and Testing-CT	0547300	547	4,142	4,201		4,146		3,357		3,780		2,976		
		547 Total		306,632,815	299,835,878	-2%	507,677,739	69%	407,433,334	-20%	385,779,215	-5%	781,911,185	103%	

Classification	Sub-Classification	Account - Account Description	Account	FERC Account	2016	2017	% Change	2018	% Change	2019	% Change	2020	% Change	2021	% Change	
Generation Expenses	Fuel	0548020 - Ammonia - Qualifying	0548020	548	275,891	271,991		439,013		361,483		340,058		480,692		
		0548100 - Generation Expenses-Other CT	0548100	548	713,551	735,537		790,375		755,723		807,123		757,715		
		0548200 - Prime Movers - Generators- CT	0548200	548	809,970	646,015		947,080		992,960		4,160,808		4,686,807		
		548 Total			1,799,411	1,653,542	-8%	2,176,467	32%	2,110,166	-3%	5,307,989	152%	5,925,214	12%	
	Generation Expenses	0549000 - Misc-Power Generation Expenses	0549000	549	8,867,308	10,651,185		9,922,331		9,309,410		10,670,817		9,244,747		
		0549200 - CT Misc Power Exp Recoverable	0549200	549	-	-		39		655		-		-		
		549 Total			8,867,308	10,651,185	20%	9,922,370	-7%	9,310,065	-6%	10,670,817	15%	9,244,747	-13%	
	Miscellaneous Other Power Generation Expenses	0550001 - Other Power Gen-Op Rents	0550001	555	(92,924)	(33,910)		(61,682)		(131,834)		(27,382)		68,373		
		555 Total			(92,924)	(33,910)	-64%	(61,682)	82%	(131,834)	114%	(27,382)	-79%	68,373	-350%	
	Rents	0551000 - Suprvsn and Enginrg-CT Maint	0551000	551	2,309,143	3,451,002		5,050,700		4,825,479		4,431,182		5,221,418		
0551220 - Solar: Maint Supv & Eng		0551220	551	-	400		-		209		66		-			
Maintenance Supervision and Engineering		551 Total			2,309,143	3,451,402	49%	5,050,700	46%	4,825,688	-4%	4,431,249	-8%	5,221,418	18%	
	0552000 - Maintenance Of Structures-CT	0552000	552	7,254,035	7,142,474		6,882,389		6,704,865		6,143,431		6,428,872			
Maintenance of Structures		552 Total			7,254,035	7,142,474	-2%	6,882,389	-4%	6,704,865	-3%	6,143,431	-8%	6,428,872	5%	
	0553000 - Maint-Gentg and Elect Equip-CT	0553000	553	8,001,357	7,430,669		6,772,926		19,389,117		22,866,943		9,225,911			
Maintenance of Generating and Electric Plant	0553100 - CT Maint of Gen and Plant-Reco	0553100	553	-	650		-		-		-		2,037			
	0553220 - Solar: Maint Gen & Elect Plt	0553220	553	-	7,215		2,001		202		50		-			
		553 Total			8,001,357	7,437,884	-7%	6,775,578	-9%	19,389,319	186%	22,866,993	18%	9,227,948	-60%	
	0554000 - Misc Power Generation Plant-CT	0554000	554	4,820,482	5,298,481		4,264,290		4,611,348		4,351,750		5,514,878			
	0554100 - Other Production Maintenance	0554100	554	321,112	114,748		140,576		381,891		48,421		18,135			
	0554220 - Solar: Maint Misc Gen Plt	0554220	554	159,381	6,348		67,523		34,687		14,690		383,001			
		554 Total			5,300,975	5,419,576	2%	4,472,389	-17%	5,027,925	12%	4,414,861	-12%	5,916,014	34%	
	Maintenance of Miscellaneous Other Power Generation Plant	0555016 - I/C Joint Disp - Pur Pwr	0555016	555	156,068,446	145,117,761		207,069,622		186,288,248		114,139,436		206,521,042		
		0555120 - Purchased Power - Other	0555120	555	-	2,796		13,320		11,770		9,792		8,340		
		0555125 - Purchased Power - Renewable	0555125	555	47,858,435	54,996,590		57,275,506		71,364,359		70,245,372		73,398,098		
0555130 - Purchased Power-Co Generation		0555130	555	28,747,519	37,307,748		39,064,689		34,821,172		38,703,329		43,122,286			
0555135 - SC DERS Purchased Power		0555135	555	1,801	29,243		46,266		406,037		1,028,072		3,841,877			
0555136 - SC Res Shared Solar Purchase		0555136	555	-	-		-		-		-		1			
0555145 - Purchased Power - CPRE		0555145	555	-	-		-		-		(2,244,000)		(70,000)			
0555150 - Purchase Power - SEPA		0555150	555	149,099	114,047		95,017		21,984		17,684		18,773			
0555180 - INTERCHANGE		0555180	555	1,521,311	4,371,235		(468,016)		2,135,538		2,388,260		(872,547)			
0555181 - INTERCHANGE CONTRA		0555181	555	(1,521,311)	(4,371,235)		468,016		(2,135,538)		(2,388,260)		872,547			
Purchased Power	0555200 - Interchange Power	0555200	555	95,688,526	101,178,657		197,473,680		132,029,265		73,825,592		88,372,023			
	0555220 - Interchange Power - Joint Ownr	0555220	555	2,039,481	7,107,991		(3,669,129)		1,641,308		5,666,749		(803,587)			
	0555230 - JO Negative Generation	0555230	555	(106,297)	(112,750)		(231,146)		(88,885)		(188,590)		(258,387)			
	0555550 - PURCHASES ENERGY IMBALANCE	0555550	555	761,728	1,468,106		434,371		(468,991)		(339,741)		(2,883,663)			
	0555750 - PURCHASES-Generation Imbalance	0555750	555	1,911,532	1,560,093		3,782,663		2,122,029		1,307,904		2,987,297			
		555 Total			333,120,270	348,770,283	5%	501,354,859	44%	428,148,296	-15%	302,171,600	-29%	414,254,099	37%	
	0556000 - System Cnts & Load Dispatching	0556000	556	83,913	7,922		32,042		-		-		16,539			
		556 Total			83,913	7,922	-91%	32,042	304%	-	-100%	-	0%	16,539	0%	
	System Control and Load Dispatching	0557000 - Other Expenses-Oper	0557000	557	157,123,136	198,390,535		165,639,614		152,082,986		113,888,373		111,234,129		
		0557001 - NC REPS - RECS RECOVERY	0557001	557	14	-		-		-		-		-		
0557450 - Commissions/Brokerage Expense		0557450	557	32,400	21,600		11,250		13,500		16,440		16,440			
Transmission Expenses	Other Expenses	0557451 - EA & Coal Broker Fees	0557451	557	14,825	4,625		4,883		-		10,375		9,152		
		0557980 - Retail Deferred Fuel Expenses	0557980	557	-	-		(183,557,101)		(26,211,195)		198,453,333		(316,480,327)		
		557 Total			157,170,375	198,416,760	26%	(17,901,355)	-109%	125,885,291	-803%	312,368,521	148%	(205,220,606)	-166%	
	Operation Supervision and Engineering	0560000 - Supervsn and Engrng-Trans Oper	0560000	560	(7,346)	10,256		12,057		25,295		16,840		18,921		
			560 Total			(7,346)	10,256	-240%	12,057	18%	25,295	110%	16,840	-33%	18,921	12%
		0561100 - Load Dispatch-Reliability	0561100	561.1	1,044,569	1,245,799		1,569,257		1,538,723		1,222,541		1,489,407		
	Load Dispatch-Reliability	561.1 Total			1,044,569	1,245,799	19%	1,569,257	26%	1,538,723	-2%	1,222,541	-21%	1,489,407	22%	
		0561200 - Load Dispatch-Monitor&OprTrnSys	0561200	561.2	9,694,695	8,471,596		8,618,014		8,696,538		8,263,517		8,825,339		
		561.2 Total			9,694,695	8,471,596	-13%	8,618,014	2%	8,696,538	1%	8,263,517	-5%	8,825,339	7%	
	Load Dispatch-Monitor and Operate Transmission System	0561300 - Load Dispatch - TransSvc&Sch	0561300	561.3	788,004	811,724		812,692		689,034		676,782		364,119		
561.3 Total				788,004	811,724	3%	812,692	0%	689,034	-15%	676,782	-2%	364,119	-46%		
Load Dispatch-Transmission Service and Scheduling	0561400 - 0561400 - Scheduling - Sys Cntrl&Disp Svs	0561400	561.4	2,992	1,614		832		-		-		-			
		561.4 Total			2,992	1,614	-46%	832	-48%	-	-100%	-	0%	-	0%	
	0561500 - ReliabilityPlanning&Std&Dev	0561500	561.5	237,219	231,610		305,750		417,466		274,392		266,364			
Reliability, Planning and Standards Development	561.5 Total			237,219	231,610	-2%	305,750	32%	417,466	37%	274,392	-34%	266,364	-3%		
	0561600 - Trans Svc Studies	0561600	561.6	5,831	22,370		9,768		81,077		30,091		(28,347)			
	0561601 - Trans Study Reimbursement	0561601	561.6	-	-		-		-		(30,091)		28,920			
Transmission Service Studies	561.6 Total			5,831	22,370	284%	9,768	-56%	81,077	730%	-	-100%	572	0%		
	0561700 - Intcon Study Costs (T)	0561700	561.7	118,736	(37,269)		(1,511)		10,820		168,059		332,903			
	0561701 - Intcon Study Costs Reimb (T)	0561701	561.7	-	-		-		-		(168,059)		(331,349)			
Generation Interconnection Studies	561.7 Total			118,736	(37,269)	-131%	(1,511)	-96%	10,820	-816%	-	-100%	1,554	0%		
	0562000 - Station Expenses	0562000	562	2,323,295	1,692,699		1,647,297		2,080,238		1,786,638		2,842,461			
	562 Total			2,323,295	1,692,699	-27%	1,647,297	-3%	2,080,238	26%	1,786,638	-14%	2,842,461	59%		
Station Expenses	0563000 - Overhead Line Expenses-Trans	0563000	563	952,854	1,068,110		938,130		1,112,296		984,009		804,165			
	563 Total			952,854	1,068,110	12%	938,130	-12%	1,112,296	19%	984,009	-12%	804,165	-18%		
Overhead Lines Expenses	0565000 - Transm of Elec By Others	0565000	565	851,222	183,420		483,473		352,346		388,160		360,813			
	0565010 - Trans of Elect - Purchase	0565010	565	-	1,734		-		-		-		-			
	0565016 - I/C Joint Disp - Trans NW Exp	0565016	565	3,679,766	2,452,300		2,552,151		2,940,515		1,639,255		2,952,562			
Transmission of Electricity by Others	565 Total			4,530,988	2,637,455	-42%	3,035,624	15%	3,292,861	8%	2,027,415	-38%	3,313,375	63%		
	0566000 - Misc Trans Exp-Other	0566000	566	7,584,864	10,516,759		10,912,020		10,122,386		6,830,988		9,751,424			
	0566100 - Misc Trans-Trans Lines Related	0566100	566	594,884	358,720		402,131		81,384		70,500		151,672			
Miscellaneous Transmission Expenses	566 Total			8,179,748	10,875,479	33%	11,314,151	4%	10,203,769	-10%	6,901,488	-32%	9,903,096	43%		
	0567000 - Rents-Trans Oper	0567000	567	132,588	68,458		147,140		75,379		5,477		161,672			
	567 Total			132,588	68,458	-48%	147,140	115%	75,379	-49%	5,477	-93%	161,672	2852%		
Rents	0568000 - Suprvsn and Engrng - Trans Maint	0568000	568	7,607	-		-		-		-		-			
	568 Total			7,607	-	-100%	-	0%	-	0%	-	0%	-	0%		

Classification	Sub-Classification	Account - Account Description	Account	FERC Account	2016	2017	% Change	2018	% Change	2019	% Change	2020	% Change	2021	% Change
Distribution Expenses	Maintenance Supervision and Engineering	0569000 - Maint Of Structures-Trans	0569000	569	160,432	152,022		943,999		134,985		227,497		504,747	
				569 Total	160,432	152,022	-5%	943,999	521%	134,985	-86%	227,497	69%	504,747	122%
	Maintenance of Structures	0569100 - Maint of Computer Hardware	0569100	569.1	143,687	221,392		77,034		2,179		457		74,394	
				569.1 Total	143,687	221,392	54%	77,034	-65%	2,179	-97%	457	-79%	74,394	16164%
	Maintenance of Computer Hardware	0569200 - Maint Of Computer Software	0569200	569.2	2,935,589	2,129,308		2,667,421		3,281,142		2,967,646		3,036,301	
				569.2 Total	2,935,589	2,129,308	-27%	2,667,421	25%	3,281,142	23%	2,967,646	-10%	3,036,301	2%
	Maintenance of Computer Software	0569300 - Maint of Communication Equipment	0569300	569.3	38,060	23,389		210		-		-		-	
				569.3 Total	38,060	23,389	-39%	210	-99%	-	-100%	-	0%	-	0%
	Maintenance of Communication Equipment	0570100 - Maint Stat Equip-Other- Trans	0570100	570	805,879	714,359		1,043,811		760,453		1,782,870		744,331	
				570 Total	7,971,145	7,865,412	-1%	8,453,316	7%	8,446,130	0%	8,803,924	4%	8,417,582	-4%
	Maintenance of Station Equipment	0571000 - Maint Of Overhead Lines-Trans	0571000	571	18,032,819	15,857,393		25,081,167		18,604,588		17,253,201		14,982,175	
				571 Total	18,032,819	15,857,393	-12%	25,081,167	58%	18,604,588	-26%	17,253,201	-7%	14,982,175	-13%
	Maintenance of Overhead Lines	0572000 - Maintenance of Underground Lin	0572000	572	(3,315)	10,622		(1,248)		(31,623)		(60,194)		(57,262)	
				572 Total	(3,315)	10,622	-420%	(1,248)	-112%	(31,623)	2434%	(60,194)	90%	(57,262)	-5%
	Maintenance of Underground Lines	0573000 - Maint Of Misc Transm Plant	0573000	573	26,539	14,870		1,451,315		55,862		48,861		392	
				573 Total	26,539	14,870	-44%	1,451,315	9660%	55,862	-96%	48,861	-13%	392	-99%
	Maintenance of Miscellaneous Transmission Plant	0580000 - Supervsn and Engrng-Dist Oper	0580000	580	982,737	667,947		1,207,429		1,337,727		1,255,936		1,371,079	
				580 Total	982,737	667,947	-32%	1,207,429	81%	1,337,727	11%	1,255,936	-6%	1,371,079	9%
	Operation Supervision and Engineering	0581004 - Load Dispatch-Dist of Elec	0581004	581	8,618,763	7,315,735		8,425,724		7,094,511		7,109,892		6,340,945	
				581 Total	8,618,763	7,315,735	-15%	8,425,724	15%	7,094,511	-16%	7,109,892	0%	6,340,945	-11%
	Load Dispatching	0582100 - Station Expenses-Other-Dist	0582100	582	1,992,610	1,710,333		1,281,887		1,460,805		1,513,087		2,328,013	
				582 Total	1,992,610	1,710,333	-14%	1,281,887	-25%	1,460,805	14%	1,513,087	4%	2,328,013	54%
	Station Expenses	0582200 - Relays And Meters-Dist	0582200	582	3,306	892		219		1,035		1,452		2,668	
				582 Total	1,995,917	1,711,226	-14%	1,282,105	-25%	1,461,840	14%	1,514,539	4%	2,330,680	54%
	Overhead Lines Expenses	0583100 - Overhead Line Exps-Other-Dist	0583100	583	2,175,279	2,642,035		1,429,862		490,020		361,008		151,591	
				583 Total	2,175,279	2,642,035	22%	1,429,862	-9%	490,020	-36%	361,008	-16%	1,088,927	-22%
	Underground Line Expenses	0583200 - Transf Set Rem Reset Test-Dist	0583200	583	511,339	627,905		1,551,043		1,414,836		1,234,982		1,088,927	
				583 Total	2,686,618	3,269,939	22%	2,980,905	-9%	1,904,855	-36%	1,595,990	-16%	1,240,518	-22%
	Street Lighting and Signal System Expenses	0584000 - Underground Line Expenses-Dist	0584000	584	10,949,320	11,119,860		11,475,994		11,098,864		11,787,033		12,205,086	
				584 Total	10,949,320	11,119,860	2%	11,475,994	3%	11,098,864	-3%	11,787,033	6%	12,205,086	4%
	Meter Expenses	0585000 - St Lightng and Sgnl Systm-Dist	0585000	585	1,029,885	1,168,723		492,035		58,694		57,628		17,412	
				585 Total	1,029,885	1,168,723	13%	492,035	-58%	58,694	-88%	57,628	-2%	17,412	-70%
	Meter Expenses	0586000 - Meter Expenses-Dist	0586000	586	9,439,732	16,022,534		10,709,054		9,779,908		10,377,571		10,252,838	
				586 Total	9,439,732	16,022,534	70%	10,709,054	-33%	9,779,908	-9%	10,377,571	6%	10,252,838	-1%
	Customer Installations Expenses	0587000 - Cust Install Exp-Other Dist	0587000	587	11,060,502	7,447,237		10,526,283		9,991,964		10,282,830		9,833,201	
				587 Total	11,060,502	7,447,237	-33%	10,526,283	41%	9,991,964	-5%	10,282,830	3%	9,833,201	-4%
	Miscellaneous Expenses	0587100 - Lcd - Opting and Installing - Dist	0587100	587	3,187	1,997		130		-		-		-	
				587 Total	11,063,689	7,449,234	-33%	10,526,414	41%	9,991,964	-5%	10,282,830	3%	9,833,201	-4%
				588 Total	43,050,259	45,397,509	5%	45,615,305	0%	51,769,561	13%	37,159,828	-28%	42,979,815	16%
				588 Total	43,050,259	45,397,509	5%	45,615,305	0%	51,769,561	13%	37,159,828	-28%	42,979,815	16%
				589 Total	170,934	252,043	47%	117,896	-53%	114,638	-3%	51,140	-55%	40,233	-21%
				590 Total	239,167	272,276	14%	977,779	259%	2,179,061	123%	1,435,812	-34%	1,852,495	29%
				591 Total	463	2,056	-100%	2,056	0%	-	-100%	-	0%	607	0%
				592 Total	466,793	473,357	-6%	4,569,308	23%	3,859,167	-16%	3,611,870	-6%	4,119,875	14%
				593 Total	106,641,967	107,362,718		137,012,854		65,774,412		125,026,913		69,377,330	
				594 Total	156,188,740	152,481,664	-2%	195,064,035	28%	139,651,191	-28%	130,735,554	42%	142,374,880	-28%
				595 Total	5,298,182	8,920,262	68%	20,327,339	128%	16,365,021	-19%	13,073,554	-20%	10,473,233	-20%
				596 Total	2,082,975	1,866,435	-10%	2,816,316	51%	2,424,286	-14%	2,706,179	12%	2,497,401	-8%
				597 Total	4,066,976	5,111,083	26%	12,799,453	150%	13,160,168	3%	12,633,379	-4%	12,064,849	-5%
				598 Total	2,513,820	2,549,231	1%	2,314,975	-9%	1,861,936	-20%	2,101,785	13%	2,166,269	3%
				599 Total	6,443,881	6,912,040	7%	3,921,975	-43%	2,806,822	-28%	3,040,017	8%	1,016,422	-67%
				600 Total	6,443,881	6,912,040	7%	3,921,975	-43%	2,806,822	-28%	3,040,017	8%	1,016,422	-67%
				601 Total	-	-	0%	-	0%	-	0%	-	0%	-	-100%
				602 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				603 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				604 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				605 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				606 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				607 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				608 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				609 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				610 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				611 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				612 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				613 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				614 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				615 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				616 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				617 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				618 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				619 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				620 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				621 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				622 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				623 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				624 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				625 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				626 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				627 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				628 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				629 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				630 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				631 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				632 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				633 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				634 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				635 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				636 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				637 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				638 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				639 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				640 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				641 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				642 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				643 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%
				644 Total	-	-	0%	-	0%	-	0%	-	0%	-	0%

Classification	Sub-Classification	Account - Account Description	Account	FERC Account	2016	2017	% Change	2018	% Change	2019	% Change	2020	% Change	2021	% Change	
	Meter Reading Expenses	0903000 - Cust Records & Collection Exp	0903000	903	23,991,216	21,912,401		23,515,995		31,823,527		36,920,458		62,324,579		
		0903001 - NC Cust Records & Exp	0903001	903						(11,495,875)		(18,306,091)		(17,604,281)		
		0903002 - SC Cust Records & Exp	0903002	903						(1,686,333)		(2,446,157)		(2,215,956)		
		0903100 - Cust Contracts & Orders-Local	0903100	903	7,571,200	7,856,727		8,108,129		9,256,143		10,724,028		7,867,850		
		0903200 - Cust Billing & Acct	0903200	903	23,919,578	24,999,345		24,130,474		25,754,789		25,059,619		23,703,606		
		0903220 - Customer Billing-Ncmcm	0903220	903	(0)	(0)								-		
		0903240 - Customer Billing-Pmpa	0903240	903	(0)	(0)		(0)		(0)				-		
		0903250 - Customer Billing-Common	0903250	903	(0)	(0)		(0)		(0)		(0)		(0)		
		0903300 - Cust Collecting-Local	0903300	903	10,231,244	12,303,910		10,325,012		11,068,814		12,958,135		17,879,269		
		0903400 - Cust Receiv & Collect Exp-Edp	0903400	903	524,133	987,235		998,010		809,174		854,366		843,566		
		0903600 - Computer Serv Exps - Cust Accts	0903600	903	-	-		6,017		-		-		-		
		0903720 - Cust Billing Ncmcm - Operating	0903720	903	-	541		-		-		-		-		
		0903740 - Cust Billing Pmpa-Operating	0903740	903	-	-		-		-		-		-		
		0903750 - Common - Operating-Cust Accts	0903750	903	12,855	2,843		(5,262)		357		1		301		
						903 Total	66,250,226	68,063,002	3%	67,078,376	-1%	65,530,595	-2%	65,764,359	0%	92,798,934
Customer Records and Collection Expenses	0904000 - Uncollectible Accounts	0904000	904	13,116,651	12,826,359		16,594,908		16,974,495		13,491,162		24,152,761			
	0904001 - BAD DEBT EXPENSE	0904001	904	(562,280)	(1,067,435)		42,779		597,225		221,793		659,282			
				904 Total	12,554,370	11,758,924	-6%	16,637,687	41%	17,571,721	6%	13,712,956	-22%	24,812,044	81%	
Customer Service and Information	Miscellaneous Customer Account Expenses	0905000 - Misc Customer Accts Expenses	0905000	905	477,636	367,337		264,709		255,858		290,563		316,249		
				905 Total	477,636	367,337	-23%	264,709	-28%	255,858	-3%	290,563	14%	316,249	9%	
		0908000 - Cust Asst Exp-Conservation Pro	0908000	908	1,304	320		3,041		988		345		520		
		0908120 - Cust Assist Exp-Residential	0908120	908	76	-		-		-		-		-		
		0908150 - Commer/Indust Assistance Exp	0908150	908	-	-		1,164		-		-		-		
		0908160 - Cust Assist Exp-General	0908160	908	545	-		-		-		-		-		
				908 Total	1,925	320	-83%	4,205	1214%	988	-77%	345	-65%	520	51%	
		0909650 - Misc Advertising Expenses	0909650	909	193,698	105,180		149,499		209,296		121,877		269,563		
				909 Total	193,698	105,180	-46%	149,499	42%	209,296	40%	121,877	-42%	269,563	121%	
		Informational and Instructional Expenses	0910000 - Misc Cust Serv/Inform Exp	0910000	910	14,710,391	14,264,067		14,583,781		13,046,655		11,391,599		11,040,568	
			0910100 - Exp-Rs Reg Prod/Svces-CstAccts	0910100	910	5,703,780	6,350,931		4,567,631		4,947,612		3,449,735		3,107,471	
					910 Total	20,414,171	20,614,998	1%	19,151,412	-7%	17,994,267	-6%	14,841,334	-18%	14,148,039	-5%
		Miscellaneous Customer Service and Informational Expenses	0911000 - Supervision	0911000	911	-	267		4,784		93		-		2,005	
					911 Total	-	267	0%	4,784	1691%	93	-98%	-	-100%	2,005	0%
		Supervision	0912000 - Demonstrating & Selling Exp	0912000	912	9,509,762	10,789,667		13,605,042		14,373,712		16,848,009		17,000,912	
0912100 - Demonstration & Sell-Proj Supt	0912100		912	-	-		5,029		82		-		-			
0912200 - EV Employee Incentive	0912200		912	-	-		-		80,942		(80,942)		-			
			912 Total	9,509,762	10,789,667	13%	13,610,071	26%	14,454,736	6%	16,767,068	16%	17,000,912	1%		
Demonstrating and Selling Expenses	0913001 - Advertising Expense	0913001	913	844,907	793,089		565,426		348,469		498,440		347,428			
			913 Total	844,907	793,089	-6%	565,426	-29%	348,469	-38%	498,440	43%	347,428	-30%		
Advertising Expenses	0916000 - Misc Sales Expenses	0916000	916	-	-		58,889		271,925		283,279		287,978			
			916 Total	-	-	0%	58,889	0%	271,925	362%	283,279	4%	287,978	2%		
Administrative and General	Miscellaneous Sales Expenses	0920000 - A & G Salaries	0920000	920	178,165,359	123,017,417		241,042,999		162,808,439		22,891,747		173,370,934		
		0920001 - SC O&M Labor Deferral	0920001	920	-	-		-		(45,040)		(27,456)		(20,872)		
		0920002 - NC O&M Labor Deferral	0920002	920	-	-		-		-		7,694,638		21,669,758		
		0920100 - Salaries & Wages - Proj Supt -	0920100	920	1,117	6,385		40,746		252,864		65,020		13,710		
		0920300 - Project Development Labor	0920300	920	-	166,584		231,794		-		-		-		
				920 Total	178,166,476	123,190,385	-31%	241,315,539	96%	163,016,262	-32%	30,623,949	-81%	195,033,528	537%	
	Administrative and General Salaries	0921100 - Employee Expenses	0921100	921	8,281,173	8,572,052		9,297,835		8,787,025		4,126,791		3,964,628		
		0921101 - Employee Exp - NC	0921101	921	11,627	2,895		8,698		11,122		1,730		3,520		
		0921102 - Employee Exp - SC	0921102	921	80,791	931,157		(1,113)		2,832		499		957		
		0921110 - Relocation Expenses	0921110	921	(20,899)	222		211		521		491		294		
		0921200 - Office Expenses	0921200	921	16,298,643	15,417,486		16,646,404		14,075,413		12,451,068		10,328,597		
		0921300 - Telephone And Telegraph Exp	0921300	921	1,132	1,713		6,341		3,173		3,353		2,383		
		0921400 - Computer Services Expenses	0921400	921	4,467,587	7,222,999		2,817,018		3,579,927		4,187,092		4,235,471		
		0921540 - Computer Rent (Go Only)	0921540	921	3,371,027	2,878,406		3,162,383		3,525,215		4,277,262		5,009,127		
		0921600 - Other	0921600	921	4,965,863	1,693,972		4,342,915		(372,367)		(555,431)		(1,817,248)		
0921610 - Inventory Adjustments/Price Co		0921610	921	-	-		-		-		3,743		-			
0921800 - Off Supplies & Exp - Proj Supt		0921800	921	130	-		-		-		-		-			
0921900 - Office Supply and Expense - Partner		0921900	921	3,105	557		4,547		-		-		-			
0921980 - Office Supplies & Expenses		0921980	921	37,191,245	43,952,330		50,110,386		57,644,527		66,076,312		72,550,176			
0921990 - 0921990 - Corp Governance Office		0921990	921	-	-		146		-		-		-			
			921 Total	74,651,424	80,673,789	8%	86,395,771	7%	87,257,388	1%	90,572,911	4%	94,277,905	4%		
Office Supplies and Expenses	0922000 - Admin Exp Transfer	0922000	922	180,675	(19,245)		3,841		3,809		2,327		485			
	0922100 - Admin Exp Transfer - Construction	0922100	922	90,524	(916)		-		-		-		-			
	0922700 - Admin Exp Transf-Catawba	0922700	922	(45,848,033)	(40,046,394)		(39,767,705)		(29,024,101)		(23,079,963)		(35,689,883)			
			922 Total	(45,576,833)	(40,066,555)	-12%	(39,763,864)	-1%	(29,020,292)	-27%	(23,077,636)	-20%	(35,689,398)	55%		

Classification	Sub-Classification	Account - Account Description	Account	FERC Account	2016	2017	% Change	2018	% Change	2019	% Change	2020	% Change	2021	% Change	
Administrative Expenses Transferred-Credit		0923000 - Outside Services Employed	0923000	923	65,357,084	72,114,561		67,489,022		59,461,717		56,942,463		61,169,303		
		0923100 - Outside Svcs Cont - Proj Supt -	0923100	923	-	-		-		-		2,624		-		
		0923980 - Outside Services Employee &	0923980	923	2,658,028	2,979,605		3,749,472		3,490,979		3,400,922		2,486,809		
Outside Services Employed		923 Total			68,015,112	75,094,166	10%	71,238,493	-5%	62,952,695	-12%	60,346,010	-4%	63,656,112	5%	
		0924000 - Property Insurance	0924000	924	166,935	126,630		58,780		71,075		101,355		163,768		
		0924050 - Inter-Co Prop Ins Exp	0924050	924	4,425,000	4,943,900		3,753,100		3,601,000		3,678,000		4,333,633		
		0924100 - Admin - EH&S Expense	0924100	924	-	483		108		-		-		-		
		0924980 - Property Insurance For Corp.	0924980	924	15,133,152	5,791,742		(1,412,398)		(13,845,436)		(214,552)		(9,499,655)		
		924 Total			19,725,087	10,862,755	-45%	2,399,590	-78%	(10,173,361)	-524%	3,564,804	-135%	(5,002,254)	-240%	
Property Insurance		0925000 - Injuries & Damages	0925000	925	1,317,058	1,507,723		293,089		632,844		621,528		1,590,968		
		0925051 - INTER-CO GEN LIAB EXP	0925051	925	10,784,000	11,270,000		11,414,400		9,320,651		8,675,348		11,168,530		
		0925200 - Injuries And Damages-Other	0925200	925	385,693	265,128		266,216		211,254		193,906		162,334		
		0925300 - Environmental Inj & Damages	0925300	925	25,481,650	7,546,818		2,074,106		31,942		3,879,701		(280,587)		
		0925980 - Injuries And Damages For Corp.	0925980	925	8,066,533	7,400,514		7,787,752		7,578,149		9,110,213		8,929,953		
		925 Total			46,034,933	27,990,183	-39%	21,835,563	-22%	17,774,841	-19%	22,480,695	26%	21,571,197	-4%	
Injuries and Damages		0926000 - Employee Benefits	0926000	926	189,337,941	247,277,762		245,276,637		244,566,742		245,066,944		255,221,719		
		0926003 - NC Employee Benefits	0926003	926	-	-		-		(527,095)		(791,719)		(542,363)		
		0926004 - SC Employee Benefits	0926004	926	-	-		-		(68,763)		(105,768)		(48,671)		
		0926420 - Employees' Tuition Refund	0926420	926	1,610	1,183		1,952		236		4,297		871		
		0926430 - Employees'Recreation Expense	0926430	926	68,844	55,800		79,872		21,867		10,431		43,866		
		0926600 - Employee Benefits-Transferred	0926600	926	(47,951,773)	(57,092,300)		(83,000,962)		(91,579,428)		(90,585,336)		(94,933,331)		
		0926999 - Non Serv Pension (ASU 2017-07)	0926999	926	-	(59,694,882)		(60,117,517)		(64,396,087)		(69,470,277)		(79,990,109)		
		926 Total			141,456,621	130,547,562	-8%	102,239,981	-22%	88,007,473	-14%	84,128,573	-4%	79,751,982	-5%	
		927 -	927		-	47		47		-		37,000		37,000		
Franchise Requirements		927 Total			-	-	0%	47	0%	-	-100%	37,000	0%	37,000	0%	
		0928000 - Regulatory Expenses (Go)	0928000	928	12,084,698	11,375,477		12,121,234		15,498,675		15,923,819		15,704,752		
Regulatory Commission Expenses		928 Total			12,084,698	11,375,477	-6%	12,121,234	7%	15,498,675	28%	15,923,819	3%	15,704,752	-1%	
		0929000 - Duplicate Chrgs-Enrgy To Exp	0929000	929	(11,312,182)	(11,347,965)		(12,822,299)		(12,908,908)		(11,401,484)		(4,699,143)		
		0929500 - Admin Exp Transf	0929500	929	(14,824,103)	(19,792,073)		(21,770,528)		(24,546,203)		(26,298,401)		(26,122,725)		
Duplicate Charges-CR		929 Total			(26,136,284)	(31,140,037)	19%	(34,592,827)	11%	(37,455,111)	8%	(37,699,886)	1%	(30,821,868)	-18%	
		0930150 - Miscellaneous Advertising Exp	0930150	930.1	3,532,922	5,439,844		5,346,453		3,530,931		5,767,536		6,055,556		
General Advertising Expenses		930.1 Total			3,532,922	5,439,844	54%	5,346,453	-2%	3,530,931	-34%	5,767,536	63%	6,055,556	5%	
		0930200 - Misc General Expenses	0930200	930.2	(45,284,417)	(37,447,830)		(34,056,191)		(34,139,867)		(31,698,566)		(32,951,829)		
		0930210 - Industry Association Dues	0930210	930.2	1,198,693	1,153,958		1,037,568		1,095,644		1,311,656		1,380,476		
		0930220 - Exp Of Servicing Securities	0930220	930.2	97,173	75,395		107,541		98,467		(23,037)		226,661		
		0930230 - Dues To Various Organizations	0930230	930.2	432,912	418,380		433,016		486,857		893,403		1,125,814		
		0930240 - Director'S Expenses	0930240	930.2	1,541,199	1,819,803		1,814,682		1,779,114		1,571,427		1,317,892		
		0930250 - Buy/Sell Transf Employee Homes	0930250	930.2	4,267,455	1,870,121		1,495,583		1,785,652		1,806,367		1,588,536		
		0930600 - Leased Circuit Charges-Other	0930600	930.2	8,983	6,054		4,787		3,259		1,281		1,631		
		0930700 - Research & Development	0930700	930.2	635,533	555,213		756,998		882,774		597,320		182,765		
		0930800 - R & D-Alternative Energy	0930800	930.2	2,052,536	1,997,959		2,121,677		2,091,774		1,980,108		2,074,004		
		0930940 - General Expenses	0930940	930.2	165,712	222,698		224,376		152,002		81,024		55,154		
		0107888 - 0107888 - CWIP - BU Bal Sht - Svc Co Exp	0107888	930.2	0	920		-		-		-		1,879		
		930.2 Total			(34,884,222)	(29,327,329)	-16%	(26,059,963)	-11%	(25,764,325)	-1%	(23,479,017)	-9%	(24,997,018)	6%	
Miscellaneous General Expenses		0931001 - Rents-A&G	0931001	931	33,844,742	31,059,595		26,752,360		28,665,801		28,095,032		26,134,757		
		0931003 - Lease Amortization Expense	0931003	931	-	-		-		672,297		511,732		(261,823)		
		0931008 - A&G Rents-IC	0931008	931	17,676,029	16,155,763		18,854,789		20,334,257		20,952,126		19,426,980		
		931 Total			51,520,771	47,215,358	-8%	45,607,149	-3%	49,672,355	9%	49,558,890	0%	45,299,914	-9%	
Rents		0932000 - Maintenance Of Gen Plant-Gas	0932000	932	-	-		33		7,349		8,996		2,123		
		932 Total			-	-	0%	33	0%	7,349	22340%	8,996	22%	2,123	-76%	
Maintenance of General Plant		0935100 - Maint General Plant-Elec	0935100	935	2,500,910	2,285,396		2,922,713		519,859		1,079,818		1,405,934		
		0935200 - Cust Infor & Computer Control	0935200	935	3,923	2,276		(61,439)		2,353		2,612		4,321		
		935 Total			2,504,832	2,287,672	-9%	2,861,274	25%	522,212	-82%	1,082,429	107%	1,410,255	30%	
Maintenance of General Plant		0401100 - Non-reg Operation Expense	0401100	401	(75)	-		-		-		3,460		-		
		401 Total			(75)	-	-100%	-	0%	-	0%	3,460	0%	-	-100%	
Non-Reg Operating Expense		0402000 - Maintenance Expense	0402000	402	-	-		-		-		2,100		12,207		
		402 Total			-	-	0%	-	0%	-	0%	2,100	0%	12,207	481%	
Maintenance Expense					-	-		-		-		2,100		12,207		
Total Electric Operation and Maintenance Expense						3,824,485,886	3,742,803,929		3,852,090,316		3,576,840,890		3,303,290,516		3,313,496,675	
Total Operating - FERC						3,149,546,154	3,115,529,868		3,158,322,869		3,004,743,504		2,691,093,324		2,796,367,900	
Total Maintenance - FERC						674,939,732	627,274,061		693,767,447		572,097,385		612,197,192		517,128,775	
Total O&M - FERC						3,824,485,886	3,742,803,929		3,852,090,316		3,576,840,890		3,303,290,516		3,313,496,675	
Difference						0	-		-		-		-		-	

No.	Item	2016	2017	% Change	2018	% Change	2019	% Change	2020	% Change	2021	% Change
		Amount	Amount		Amount		Amount		Amount		Amount	
1	Wages charged to expense:											
2	Power Production expenses	584,263,068	564,927,896	-3.3%	565,729,416	0.1%	485,216,678	-14.2%	503,774,410	3.8%	480,262,744	-4.7%
3	Transmission expenses	22,228,947	22,980,494	3.4%	25,546,472	11.2%	22,214,849	-13.0%	21,517,766	-3.1%	21,749,674	1.1%
4	Distribution expenses	70,263,381	73,356,490	4.4%	82,766,065	12.8%	65,653,032	-20.7%	67,598,707	3.0%	57,898,222	-14.4%
5	Customer accounts expenses	30,529,331	30,292,218	-0.8%	31,371,061	3.6%	33,803,350	7.8%	35,230,829	4.2%	33,405,954	-5.2%
5a	Customer service and information	8,926,914	8,171,252	-8.5%	8,491,989	3.9%	8,386,750	-1.2%	8,172,138	-2.6%	8,291,396	1.5%
6	Sales expenses	6,585,179	7,936,976	20.5%	8,976,919	13.1%	9,268,108	3.2%	9,625,526	3.9%	10,207,809	6.0%
7	Administrative and General expenses:											
	(7a) Administrative and general salaries	185,335,595	132,453,739	-28.5%	253,693,321	91.5%	175,485,986	-30.8%	54,078,335	-69.2%	184,507,422	241.2%
	(7b) Office supplies and expense	1,740	1,025	-41.1%	1,371	33.8%	13,035	850.7%	10,921	-16.2%	288	-97.4%
	(7c) Administrative expense transferred-cr.	14,411	3,069	-78.7%	3,791	23.5%	3,125	-17.6%	-		-	
	(7d) Outside services employed	(180,413)	10,909	-106.0%	6,130	-43.8%	591	-90.4%	(505)	-185.4%	1,401	-377.1%
	(7e) Property Insurance	-	-		-		-		-		-	
	(7f) Injuries and damages	284,091	196,419	-30.9%	193,551	-1.5%	149,644	-22.7%	146,223	-2.3%	117,415	-19.7%
	(7g) Employee pensions and benefits	3	-		317		-		-		-	
	(7h) Franchise requirements	-	-		-		-		-		-	
	(7i) Regulatory commission expenses	-	-		-		-		-		-	
	(7j) Duplicate charges - cr.	-	-		-		-		-		-	
	(7k) Miscellaneous general expense	355,209	338,398	-4.7%	174,170	-48.5%	599,610	244.3%	368,032	-38.6%	384,315	4.4%
	(7l) Rents	-	-		12,647		3,564	-71.8%	-		-	
	(7m) Maintenance of general plant	568,621	589,446	3.7%	457,573	-22.4%	270,513	-40.9%	291,293	7.7%	311,697	7.0%
8	Total administrative and general expenses (Lines (7a) through (7m))	186,379,257	133,593,005	-28.3%	254,542,871	90.5%	176,526,069	-30.6%	54,894,299	-68.9%	185,322,538	237.6%
9	Total salaries and wages charged to expense (Lines 2 through 6 + Line 8)	909,176,077	841,258,331	-7.5%	977,424,793	16.2%	801,068,836	-18.0%	700,813,675	-12.5%	797,138,337	13.7%
10	Wages capitalized	195,782,464	215,530,608	10.1%	245,772,684	14.0%	279,218,708	13.6%	249,934,776	-10.5%	336,853,549	34.8%
11	All other labor	59,032,385	70,062,167	18.7%	71,975,025	2.7%	76,959,319	6.9%	74,176,236	-3.6%	79,205,058	6.8%
12	Total salaries and wages	1,163,990,926	1,126,851,106	-3.2%	1,295,172,502	14.9%	1,157,246,862	-10.6%	1,024,924,686	-11.4%	1,213,196,944	18.4%
13	Ratio of salaries and wages expensed to total wages (Line 9 \ Line 12)	78.11%	74.66%		75.47%		69.22%		68.38%		65.71%	
14	Ratio of salaries and wages capitalized to total wages (Line 10 \ Line 12)	16.82%	19.13%		18.98%		24.13%		24.39%		27.77%	
15	Ratio of salaries and wages charged to all other to total wages (Line 11 \ Line 12)	5.07%	6.22%		5.56%		6.65%		7.24%		6.53%	
FERC Form 1 - Page 354-355		1,163,990,926	1,126,851,106		1,295,172,502		1,157,246,861		1,024,924,686		1,213,196,944	
Check		-	-		-		(1)		-		-	

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 12(c)
Employee Count

	<u>Jan-21</u>	<u>Feb-21</u>	<u>Mar-21</u>	<u>Apr-21</u>	<u>May-21</u>	<u>Jun-21</u>	<u>Jul-21</u>	<u>Aug-21</u>	<u>Sep-21</u>	<u>Oct-21</u>	<u>Nov-21</u>	<u>Dec-21</u>
Total DEC Employees	8,268	8,286	8,257	8,204	8,180	8,258	8,231	8,189	8,139	8,128	8,143	8,151

DISTRIBUTION OF SALARIES AND WAGES				
Report below the distribution of total salaries and wages for the year. Segregate amounts originally charged to clearing accounts to Utility Departments, Construction, Plant Removals, and Other Accounts, and enter such amounts in the appropriate lines and columns provided. In determining this segregation of salaries and wages originally charged to clearing accounts, a method of approximation giving substantially correct results may be used.				
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll charged for Clearing Accounts (c)	Total (d)
1	Electric			
2	Operation			
3	Production	301,601,624		
4	Transmission	13,543,176		
5	Regional Market			
6	Distribution	28,578,148		
7	Customer Accounts	33,405,954		
8	Customer Service and Informational	8,291,396		
9	Sales	10,207,809		
10	Administrative and General	185,010,841		
11	TOTAL Operation (Enter Total of lines 3 thru 10)	580,638,948		
12	Maintenance			
13	Production	178,661,120		
14	Transmission	8,206,497		
15	Regional Market			
16	Distribution	29,320,074		
17	Administrative and General	311,697		
18	TOTAL Maintenance (Total of lines 13 thru 17)	216,499,389		
19	Total Operation and Maintenance			
20	Production (Enter Total of lines 3 and 13)	480,262,744		2
21	Transmission (Enter Total of lines 4 and 14)	21,749,674		3
22	Regional Market (Enter Total of Lines 5 and 15)	-		
23	Distribution (Enter Total of lines 6 and 16)	57,898,222		4
24	Customer Accounts (Transcribe from line 7)	33,405,954		5
25	Customer Service and Informational (Transcribe from line 8)	8,291,396		5a
26	Sales (Transcribe from line 9)	10,207,809		6
27	Administrative and General (Enter Total of lines 10 and 17)	185,322,538		8 (see support below)
28	TOTAL Oper. and Maint. (Total of lines 20 thru 27)	797,138,337	2,296,308	799,434,645 9
29	Gas			
30	Operation			
31	Production-Manufactured Gas			
32	Production-Nat. Gas (Including Expl. and Dev.)			
33	Other Gas Supply			
34	Storage, LNG Terminaling and Processing			
35	Transmission			
36	Distribution			
37	Customer Accounts			
38	Customer Service and Informational			
39	Sales			
40	Administrative and General			
41	TOTAL Operation (Enter Total of lines 31 thru 40)	-		
42	Maintenance			
43	Production-Manufactured Gas			
44	Production-Natural Gas (Including Exploration and Development)			
45	Other Gas Supply			
46	Storage, LNG Terminaling and Processing			
47	Transmission			

PAGE 355				
DISTRIBUTION OF SALARIES AND WAGES (Continued)				
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll charged for Clearing Accounts (c)	Total (d)
48	Distribution			
49	Administrative and General			
50	TOTAL Maint. (Enter Total of lines 43 thru 49)	-		
51	Total Operation and Maintenance			
52	Production-Manufactured Gas (Enter Total of lines 31 and 43)	-		
53	Production-Natural Gas (Including Expl. and Dev.) (Total lines 32 and 44)	-		
54	Other Gas Supply (Enter Total of lines 33 and 45)	-		
55	Storage, LNG Terminaling and Processing (Total of lines 34 and 46)	-		
56	Transmission (Lines 35 and 47)	-		
57	Distribution (Lines 36 and 48)	-		
58	Customer Accounts (Line 37)	-		
59	Customer Service and Informational (Line 38)	-		
60	Sales (Line 39)	-		
61	Administrative and General (Lines 40 and 49)	-		
62	TOTAL Operation and Maint. (Total of lines 52 thru 61)	-		
63	Other Utility Departments			
64	Operation and Maintenance			
65	TOTAL All Utility Dept. (Total of lines 28, 62, and 64)	797,138,337	2,296,308	799,434,645 9
66	Utility Plant			
67	Construction (By Utility Departments)			
68	Electric Plant	336,853,549	25,855,432	362,708,981
69	Gas Plant			
70	Other (provide details in footnote):			
71	TOTAL Construction (Total of lines 68 thru 70)	336,853,549	25,855,432	362,708,981 10
72	Plant Removal (By Utility Departments)			
73	Electric Plant	36,772,322		36,772,322
74	Gas Plant			
75	Other (provide details in footnote):			
76	TOTAL Plant Removal (Total of lines 73 thru 75)	36,772,322	-	36,772,322
77	Other Accounts (Specify, provide details in footnote):			
77.1	Non-Regulated Products & Services	4,659,330		4,659,330
77.2	Other Work in Progress	4,595,928		4,595,928
77.3	Other Accounts	5,025,739		5,025,739
78				
79				
80				
81				
82				
83				
84				
85				
86				
87				
88				
89				
90				
91				
92				
93				
94				
95	TOTAL Other Accounts	14,280,996	-	14,280,996
96	TOTAL SALARIES AND WAGES	1,185,045,204	28,151,740	1,213,196,944 12

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Time Hierarchy Y-Q-M	2021
Business Unit Hierarchy	GREENBOOK - DUKE ENERGY CAROLINAS GREENBOOK
Account CB GL FERC Account	(Multiple Items)
Resource Type Hierarchy	(Multiple Items)

920-935

Account CB	Account CB Description Long	Monetary Amount	
0920000	A & G Salaries	184,507,422.28	184,507,422 7(a)
0920002	NC O&M Labor Deferral	21,684,888.96	
0921100	Employee Expenses	98.50	
0921200	Office Expenses	(544.24)	
0921600	Other	734.16	288 7(b)
0923000	Outside Services Employed	1,400.50	1,401 7(d)
0925200	Injuries And Damages-Other	117,414.75	117,415 7(f)
0926000	Employee Benefits	303,370.00	
0926600	Employee Benefits-Transferred	(2,916,443.82)	
0930150	Miscellaneous Advertising Exp	139,262.76	
0930200	Misc General Expenses	236,444.25	
0930250	Buy\Sell Transf Employee Homes	5,912.07	
0930700	Research & Development	2,695.88	384,315 7(k)
0930940	General Expenses	(3,095.35)	
0935100	Maint General Plant-Elec	311,697.35	311,697 7(m)
Grand Total		204,391,258.05	

185,322,538 8

	36,772,322
	28,151,740
	14,280,996
All Other Labor	79,205,058 11

DUKE ENERGY CAROLINAS, LLC

Docket No. E-7, Sub 1276

NCUC Form E-1 Data Request

For the calendar years ended December 31, 2016 through December 31, 2021

Item No. 12(c)

Salaries and Wages

DUKE ENERGY CAROLINAS		December 31, 2020		
DISTRIBUTION OF SALARIES AND WAGES				
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged for Clearing Accounts (c)	Total (d)
1	Electric			
2	Operation			
3	Production	308,670,791		
4	Transmission	12,492,899		
5	Regional Market			
6	Distribution	25,271,776		
7	Customer Accounts	35,230,829		
8	Customer Service and Informational	8,172,138		
9	Sales	9,625,526		
10	Administrative and General	54,603,006		
11	TOTAL Operation (Enter Total of lines 3 thru 10)	454,066,964		
12	Maintenance			
13	Production	195,103,619		
14	Transmission	9,024,867		
15	Regional Market			
16	Distribution	42,326,931		
17	Administrative and General	291,293		
18	TOTAL Maintenance (Enter Total of lines 13 thru 17)	246,746,710		
19	Total Operation and Maintenance			
20	Production (Enter Total of lines 3 and 13)	503,774,410		
21	Transmission (Enter Total of lines 4 and 14)	21,517,766		
22	Regional Market (Enter Total If Lines 5 and 15)	0		
23	Distribution (Enter Total of lines 6 and 16)	67,598,707		
24	Customer Accounts (Transcribe from line 7)	35,230,829		
25	Customer Service and Informational (Transcribe from line 8)	8,172,138		
26	Sales (Transcribe from line 9)	9,625,526		
27	Administrative and General (Enter Total of lines 10 and 17)	54,894,299		
28	TOTAL Operation and Maintenance (Total of lines 20 thru 27)	700,813,675	5,460,805	706,274,480
29	Gas			
30	Operation			
31	Production - Manufactured Gas			
32	Production - Natural Gas (Including Expl. and Dev.)			
33	Other Gas Supply			
34	Storage, LNG Terminaling and Processing			
35	Transmission			
36	Distribution			
37	Customer Accounts			
38	Customer Service and Informational			
39	Sales			
40	Administrative and General			
41	TOTAL Operation (Enter Total of lines 31 thru 40)	None		
42	Maintenance			
43	Production - Manufactured Gas			
44	Production - Natural Gas			
45	Other Gas Supply			
46	Storage, LNG Terminaling and Processing			
47	Transmission			

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DUKE ENERGY CAROLINAS		December 31, 2020		
DISTRIBUTION OF SALARIES AND WAGES				
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged for Clearing Accounts (c)	Total (d)
48	Distribution			
49	Administrative and General			
50	TOTAL Maintenance (Enter Total of lines 43 thru 49)	None		
51	Total Operation and Maintenance			
52	Production - Manufactured Gas (Enter Total of lines 31 and 43)			
53	Production - Natural Gas (Including Expl. and Dev.)			
54	Other Gas Supply (Enter Total of lines 33 and 45)			
55	Storage, LNG Terminating and Processing (Enter Total of lines 31 thru 47)			
56	Transmission (Enter Total of lines 35 and 47)			
57	Distribution (Enter Total of lines 36 and 48)			
58	Customer Accounts (Transcribe from line 37)			
59	Customer Service and Informational (Line 38)			
60	Sales (Line 39)			
61	Administrative and General (Lines 40 and 49)			
62	TOTAL Operation and Maintenance (Total of lines 52 thru 61)	None		
63	Other Utility Departments			
64	Operation and Maintenance	0		0
65	TOTAL All Utility Dept. (Total of lines 28, 62 & 64)	700,813,675	5,460,805	706,274,480
66	Utility Plant			
67	Construction (By Utility Departments)			
68	Electric Plant	249,934,776	22,059,883	271,994,659
69	Gas Plant			
70	Other (provide details in footnote)	-		-
71	TOTAL Construction (Enter Total of lines 68 thru 70)	249,934,776	22,059,883	271,994,659
72	Plant Removal (By Utility Departments)			
73	Electric Plant	31,941,290		31,941,290
74	Gas Plant			
75	Other (provide details in footnote)	-		-
76	TOTAL Plant Removal (Total of lines 73 thru 75)	31,941,290		31,941,290
77	Other Accounts (Specify, provide details in footnote):			
78	Non-Regulated Products & Services	4,634,031		4,634,031
79	Other Work in Progress	4,062,277		4,062,277
80	Other Accounts	6,017,949		6,017,949
82				
83				
84				
85				
86				
87				
88				
89				
90				
91				
92				
93				
94				
95	TOTAL Other Accounts	14,714,257		14,714,257
96	TOTAL SALARIES AND WAGES	997,403,998	27,520,688	1,024,924,686

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Time Hierarchy Y-Q-M	2020
Business Unit Hierarchy	GREENBOOK - DUKE ENERGY CAROLINAS GREENBOOK
Account CB GL FERC Account	(Multiple Items) 920-935
Resource Type Hierarchy	(Multiple Items)

Account CB	Account CB Description Long	Monetary Amount	
0920000	A & G Salaries	54,078,335.22	54,078,335 7(a)
0920001	SC O&M Labor Deferral	0.00	
0920002	NC O&M Labor Deferral	7,694,638.02	
0921100	Employee Expenses	445.76	
0921200	Office Expenses	9,796.03	
0921400	Computer Services Expenses	4.17	
0921600	Other	671.72	
0921980	Office Supplies & Expenses	3.48	10,921 7(b)
0923000	Outside Services Employed	(505.36)	(505) 7(d)
0925200	Injuries And Damages-Other	146,222.78	146,223 7(f)
0926000	Employee Benefits	339,214.02	
0926600	Employee Benefits-Transferred	(2,943,236.93)	
0930150	Miscellaneous Advertising Exp	121,021.60	
0930200	Misc General Expenses	228,595.72	
0930600	Leased Circuit Charges-Other	2.17	
0930700	Research & Development	18,412.25	368,032 7(k)
0930940	General Expenses	(34,519.47)	
0935100	Maint General Plant-Elec	291,293.44	291,293 7(m)
Grand Total		59,950,394.62	

54,894,299 8

	31,941,290	
	27,520,688	
	14,714,257	
All Other Labor	74,176,236	11

DUKE ENERGY CAROLINAS		December 31, 2019		
DISTRIBUTION OF SALARIES AND WAGES				
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged for Clearing Accounts (c)	Total (d)
1	Electric			
2	Operation			
3	Production	303,456,920		
4	Transmission	13,365,725		
5	Regional Market			
6	Distribution	31,274,824		
7	Customer Accounts	33,803,350		
8	Customer Service and Informational	8,386,750		
9	Sales	9,268,108		
10	Administrative and General	176,255,555		
11	TOTAL Operation (Enter Total of lines 3 thru 10)	575,811,232		
12	Maintenance			
13	Production	181,759,758		
14	Transmission	8,849,124		
15	Regional Market			
16	Distribution	34,378,208		
17	Administrative and General	270,513		
18	TOTAL Maintenance (Enter Total of lines 13 thru 17)	225,257,603		
19	Total Operation and Maintenance			
20	Production (Enter Total of lines 3 and 13)	485,216,678		
21	Transmission (Enter Total of lines 4 and 14)	22,214,849		
22	Regional Market (Enter Total If Lines 5 and 15)	0		
23	Distribution (Enter Total of lines 6 and 16)	65,653,032		
24	Customer Accounts (Transcribe from line 7)	33,803,350		
25	Customer Service and Informational (Transcribe from line 8)	8,386,750		
26	Sales (Transcribe from line 9)	9,268,108		
27	Administrative and General (Enter Total of lines 10 and 17)	176,526,068		
28	TOTAL Operation and Maintenance (Total of lines 20 thru 27)	801,068,835	4,536,759	805,605,594
29	Gas			
30	Operation			
31	Production - Manufactured Gas			
32	Production - Natural Gas (Including Expl. and Dev.)			
33	Other Gas Supply			
34	Storage, LNG Terminaling and Processing			
35	Transmission			
36	Distribution			
37	Customer Accounts			
38	Customer Service and Informational			
39	Sales			
40	Administrative and General			
41	TOTAL Operation (Enter Total of lines 31 thru 40)	None		
42	Maintenance			
43	Production - Manufactured Gas			
44	Production - Natural Gas			
45	Other Gas Supply			
46	Storage, LNG Terminaling and Processing			
47	Transmission			

DUKE ENERGY CAROLINAS					December 31, 2019
DISTRIBUTION OF SALARIES AND WAGES					
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll Charged for Clearing Accounts (c)	Total (d)	
48	Distribution				
49	Administrative and General				
50	TOTAL Maintenance (Enter Total of lines 43 thru 49)	None			
51	Total Operation and Maintenance				
52	Production - Manufactured Gas (Enter Total of lines 31 and 43)				
53	Production - Natural Gas (Including Expl. and Dev.)				
54	Other Gas Supply (Enter Total of lines 33 and 45)				
55	Storage, LNG Terminaling and Processing (Enter Total of lines 31 thru 47)				
56	Transmission (Enter Total of lines 35 and 47)				
57	Distribution (Enter Total of lines 36 and 48)				
58	Customer Accounts (Transcribe from line 37)				
59	Customer Service and Informational (Line 38)				
60	Sales (Line 39)				
61	Administrative and General (Lines 40 and 49)				
62	TOTAL Operation and Maintenance (Total of lines 52 thru 61)	None			
63	Other Utility Departments				
64	Operation and Maintenance	0		0	
65	TOTAL All Utility Dept. (Total of lines 28, 62 & 64)	801,068,835	4,536,759	805,605,594	
66	Utility Plant				
67	Construction (By Utility Departments)				
68	Electric Plant	279,218,708	22,171,336	301,390,044	10
69	Gas Plant				
70	Other (provide details in footnote)	-		-	
71	TOTAL Construction (Enter Total of lines 68 thru 70)	279,218,708	22,171,336	301,390,044	
72	Plant Removal (By Utility Departments)				
73	Electric Plant	34,906,601		34,906,601	
74	Gas Plant				
75	Other (provide details in footnote)	-		-	
76	TOTAL Plant Removal (Total of lines 73 thru 75)	34,906,601		34,906,601	
77	Other Accounts (Specify, provide details in footnote):				
78	Non-Regulated Products & Services	4,253,811		4,253,811	
79	Other Work in Progress	6,890,537		6,890,537	
80	Other Accounts	4,200,274		4,200,274	
82					
83					
84					
85					
86					
87					
88					
89					
90					
91					
92					
93					
94					
95	TOTAL Other Accounts	15,344,622		15,344,622	
96	TOTAL SALARIES AND WAGES	1,130,538,766	26,708,095	1,157,246,861	12

Time Hierarchy Y-Q-M	2019		
Business Unit Hierarchy	GREENBOOK - DUKE ENERGY CAROLINAS GREENBOOK		
Account CB GL FERC Account	(Multiple Items)	920-935	
Resource Type Hierarchy	(Multiple Items)		
Account CB	Account CB Description Long	Monetary Amount	
0920000	A & G Salaries	175,485,985.97	175,485,986 7(a)
0921100	Employee Expenses	6,965.43	
0921200	Office Expenses	5,376.57	
0921400	Computer Services Expenses	600.60	
0921980	Office Supplies & Expenses	92.10	13,035 7(b)
0922000	Admin Exp Transfer	3,124.91	3,125 7(c)
0923000	Outside Services Employed	591.48	591 7(d)
0925200	Injuries And Damages-Other	149,644.28	149,644 7(f)
0926000	Employee Benefits	103,598.20	
0926600	Employee Benefits-Transferred	(2,843,935.35)	
0930150	Miscellaneous Advertising Exp	90,366.85	
0930200	Misc General Expenses	472,098.71	
0930250	Buy\Sell Transf Employee Homes	125.83	
0930600	Leased Circuit Charges-Other	27.37	
0930700	Research & Development	36,991.50	599,610 7(k)
0930940	General Expenses	19,451.18	
0931001	Rents-A&G	3,563.60	3,564 7(l)
0935100	Maint General Plant-Elec	270,513.47	270,513 7(m)
Grand Total		173,805,182.70	
			176,526,069 8

	34,906,601	
	26,708,095	
	15,344,622	
All Other Labor	76,959,319	11

Name Duke Energy Carolinas, LLC	This Report Is: (1) <input checked="" type="checkbox"/> An Original <input type="checkbox"/> A Resubmission	Date of Report (Mo, Da, Yr) 04/12/2019	FERC Form 1 (Salaries & Wages)	Page 5 of 6
Report below the distribution of total salaries and wages for the year. Segregate amounts originally charged to clearing accounts to Utility Departments, Construction, Plant Removals, and Other Accounts, and enter such amounts in the appropriate lines and columns provided. In determining this segregation of salaries and wages originally charged to clearing accounts, a method of approximation giving substantially correct results may be used.				
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll charged for Clearing Accounts (c)	Total (d)
1	Electric			
2	Operation			
3	Production	328,525,876		
4	Transmission	13,879,004		
5	Regional Market			
6	Distribution	33,336,404		
7	Customer Accounts	31,371,061		
8	Customer Service and Informational	8,491,989		
9	Sales	8,976,919		
10	Administrative and General	(7a-l) 254,085,298		
11	TOTAL Operation (Enter Total of lines 3 thru 10)	678,666,551		
12	Maintenance			
13	Production	237,203,540		
14	Transmission	11,667,468		
15	Regional Market			
16	Distribution	49,429,661		
17	Administrative and General	7m 457,573		
18	TOTAL Maintenance (Total of lines 13 thru 17)	298,758,242		
19	Total Operation and Maintenance			
20	Production (Enter Total of lines 3 and 13)	565,729,416		
21	Transmission (Enter Total of lines 4 and 14)	25,546,472		
22	Regional Market (Enter Total of Lines 5 and 15)			
23	Distribution (Enter Total of lines 6 and 16)	82,766,065		
24	Customer Accounts (Transcribe from line 7)	31,371,061		
25	Customer Service and Informational (Transcribe from line 8)	8,491,989		
26	Sales (Transcribe from line 9)	8,976,919		
27	Administrative and General (Enter Total of lines 10 and 17)	254,542,871		
28	TOTAL Oper. and Maint. (Total of lines 20 thru 27)	977,424,793	5,141,951	982,566,744
29	Gas			
30	Operation			
31	Production-Manufactured Gas			
32	Production-Nat. Gas (Including Expl. and Dev.)			
33	Other Gas Supply			
34	Storage, LNG Terminaling and Processing			
35	Transmission			
36	Distribution			
37	Customer Accounts			
38	Customer Service and Informational			
39	Sales			
40	Administrative and General			
41	TOTAL Operation (Enter Total of lines 31 thru 40)			
42	Maintenance			
43	Production-Manufactured Gas			
44	Production-Natural Gas (Including Exploration and Development)			
45	Other Gas Supply			
46	Storage, LNG Terminaling and Processing			
47	Transmission			

Name: Duke Energy Carolinas, LLC		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) 04/12/2019	FERC Form No. 1-Salaries & Wages	Page 6 of 6
DISTRIBUTION OF SALARIES AND WAGES (Continued)						
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll charged for Clearing Accounts (c)	Total (d)		
48	Distribution					
49	Administrative and General					
50	TOTAL Maint. (Enter Total of lines 43 thru 49)					
51	Total Operation and Maintenance					
52	Production-Manufactured Gas (Enter Total of lines 31 and 43)					
53	Production-Natural Gas (Including Expl. and Dev.) (Total lines 32,					
54	Other Gas Supply (Enter Total of lines 33 and 45)					
55	Storage, LNG Terminaling and Processing (Total of lines 31 thru					
56	Transmission (Lines 35 and 47)					
57	Distribution (Lines 36 and 48)					
58	Customer Accounts (Line 37)					
59	Customer Service and Informational (Line 38)					
60	Sales (Line 39)					
61	Administrative and General (Lines 40 and 49)					
62	TOTAL Operation and Maint. (Total of lines 52 thru 61)					
63	Other Utility Departments					
64	Operation and Maintenance					
65	TOTAL All Utility Dept. (Total of lines 28, 62, and 64)	977,424,793	5,141,951	982,566,744		
66	Utility Plant					
67	Construction (By Utility Departments)					
68	Electric Plant	245,772,684	21,143,121	266,915,805		
69	Gas Plant					
70	Other (provide details in footnote):					
71	TOTAL Construction (Total of lines 68 thru 70)	245,772,684	21,143,121	266,915,805		
72	Plant Removal (By Utility Departments)					
73	Electric Plant	29,208,641		11 29,208,641		
74	Gas Plant					
75	Other (provide details in footnote):					
76	TOTAL Plant Removal (Total of lines 73 thru 75)	29,208,641		29,208,641		
77	Other Accounts (Specify, provide details in footnote):					
78		4,695,780		4,695,780		
79		7,155,564		7,155,564		
80		4,629,968		4,629,968		
81						
82						
83						
84						
85						
86						
87						
88						
89						
90						
91						
92						
93						
94						
95	TOTAL Other Accounts	16,481,312		11 16,481,312		
96	TOTAL SALARIES AND WAGES	1,268,887,430	11 26,285,072	1,295,172,502		

Name: Duke Energy Carolinas, LLC Docket No. E-7, Sub 1276 NCUC Form E-1 Data Request For the calendar years ended December 31, 2016 through December 31, 2021		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) / /	FERC Form E-1 Salaries and Wages	Page 3 of 6
Report below the distribution of total salaries and wages for the year. Segregate amounts originally charged to clearing accounts to Utility Departments, Construction, Plant Removals, and Other Accounts, and enter such amounts in the appropriate lines and columns provided. In determining this segregation of salaries and wages originally charged to clearing accounts, a method of approximation giving substantially correct results may be used.						
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll charged for Clearing Accounts (c)	Total (d)		
1	Electric					
2	Operation					
3	Production	332,020,353				
4	Transmission	14,885,959				
5	Regional Market					
6	Distribution	35,227,597				
7	Customer Accounts	30,292,218				
8	Customer Service and Informational	8,171,252				
9	Sales	7,936,976				
10	Administrative and General	(7a-k) 133,003,559				
11	TOTAL Operation (Enter Total of lines 3 thru 10)	561,537,914				
12	Maintenance					
13	Production	232,907,543				
14	Transmission	8,094,535				
15	Regional Market					
16	Distribution	38,128,893				
17	Administrative and General	7m 589,446				
18	TOTAL Maintenance (Total of lines 13 thru 17)	279,720,417				
19	Total Operation and Maintenance					
20	Production (Enter Total of lines 3 and 13)	564,927,896				
21	Transmission (Enter Total of lines 4 and 14)	22,980,494				
22	Regional Market (Enter Total of Lines 5 and 15)					
23	Distribution (Enter Total of lines 6 and 16)	73,356,490				
24	Customer Accounts (Transcribe from line 7)	30,292,218				
25	Customer Service and Informational (Transcribe from line 8)	8,171,252				
26	Sales (Transcribe from line 9)	7,936,976				
27	Administrative and General (Enter Total of lines 10 and 17)	133,593,005				
28	TOTAL Oper. and Maint. (Total of lines 20 thru 27)	841,258,331	5,761,902	847,020,233		
29	Gas					
30	Operation					
31	Production-Manufactured Gas					
32	Production-Nat. Gas (Including Expl. and Dev.)					
33	Other Gas Supply					
34	Storage, LNG Terminating and Processing					
35	Transmission					
36	Distribution					
37	Customer Accounts					
38	Customer Service and Informational					
39	Sales					
40	Administrative and General					
41	TOTAL Operation (Enter Total of lines 31 thru 40)					
42	Maintenance					
43	Production-Manufactured Gas					
44	Production-Natural Gas (Including Exploration and Development)					
45	Other Gas Supply					
46	Storage, LNG Terminating and Processing					
47	Transmission					

Name: Duke Energy Carolinas, LLC		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) / /	FERC Form E-1 Salaries & Wages	Page 4 of 6
DISTRIBUTION OF SALARIES AND WAGES (Continued)						
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll charged for Clearing Accounts (c)	Total (d)		
48	Distribution					
49	Administrative and General					
50	TOTAL Maint. (Enter Total of lines 43 thru 49)					
51	Total Operation and Maintenance					
52	Production-Manufactured Gas (Enter Total of lines 31 and 43)					
53	Production-Natural Gas (Including Expl. and Dev.) (Total lines 32,					
54	Other Gas Supply (Enter Total of lines 33 and 45)					
55	Storage, LNG Terminating and Processing (Total of lines 31 thru					
56	Transmission (Lines 35 and 47)					
57	Distribution (Lines 36 and 48)					
58	Customer Accounts (Line 37)					
59	Customer Service and Informational (Line 38)					
60	Sales (Line 39)					
61	Administrative and General (Lines 40 and 49)					
62	TOTAL Operation and Maint. (Total of lines 52 thru 61)					
63	Other Utility Departments					
64	Operation and Maintenance					
65	TOTAL All Utility Dept. (Total of lines 28, 62, and 64)	841,258,331	5,761,902	847,020,233		
66	Utility Plant					
67	Construction (By Utility Departments)					
68	Electric Plant	215,530,608	20,329,989	235,860,597		
69	Gas Plant					
70	Other (provide details in footnote):					
71	TOTAL Construction (Total of lines 68 thru 70)	215,530,608	20,329,989	235,860,597		
72	Plant Removal (By Utility Departments)					
73	Electric Plant	28,079,276		11 28,079,276		
74	Gas Plant					
75	Other (provide details in footnote):					
76	TOTAL Plant Removal (Total of lines 73 thru 75)	28,079,276		28,079,276		
77	Other Accounts (Specify, provide details in footnote):					
78	Non-Regulated Products & Services	4,179,290		4,179,290		
79	Other Work in Progress	8,568,547		8,568,547		
80	Other Accounts	3,143,163		3,143,163		
81						
82						
83						
84						
85						
86						
87						
88						
89						
90						
91						
92						
93						
94						
95	TOTAL Other Accounts	15,891,000		11 15,891,000		
96	TOTAL SALARIES AND WAGES	1,100,759,215	11 26,091,891	1,126,851,106		

Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the calendar years ended December 31, 2016 -2018

FERC Form 1 Salaries & Wages Page 1 of 6

Name of Respondent Duke Energy Carolinas, LLC		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2016/Q4
DISTRIBUTION OF SALARIES AND WAGES					
Report below the distribution of total salaries and wages for the year. Segregate amounts originally charged to clearing accounts to Utility Departments, Construction, Plant Removals, and Other Accounts, and enter such amounts in the appropriate lines and columns provided. In determining this segregation of salaries and wages originally charged to clearing accounts, a method of approximation giving substantially correct results may be used.					
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll charged for Clearing Accounts (c)	Total (d)	
1	Electric				
2	Operation				
3	Production	344,308,003			
4	Transmission	14,278,390			
5	Regional Market				
6	Distribution	32,067,602			
7	Customer Accounts	30,529,331			
8	Customer Service and Informational	8,926,914			
9	Sales	6,585,179			
10	Administrative and General	(7a-k) 185,810,636			
11	TOTAL Operation (Enter Total of lines 3 thru 10)	622,506,055			
12	Maintenance				
13	Production	239,955,065			
14	Transmission	7,950,557			
15	Regional Market				
16	Distribution	38,195,779			
17	Administrative and General	(7m) 568,621			
18	TOTAL Maintenance (Total of lines 13 thru 17)	286,670,022			
19	Total Operation and Maintenance				
20	Production (Enter Total of lines 3 and 13)	584,263,068			
21	Transmission (Enter Total of lines 4 and 14)	22,228,947			
22	Regional Market (Enter Total of Lines 5 and 15)				
23	Distribution (Enter Total of lines 6 and 16)	70,263,381			
24	Customer Accounts (Transcribe from line 7)	30,529,331			
25	Customer Service and Informational (Transcribe from line 8)	8,926,914			
26	Sales (Transcribe from line 9)	6,585,179			
27	Administrative and General (Enter Total of lines 10 and 17)	186,379,257			
28	TOTAL Oper. and Maint. (Total of lines 20 thru 27)	909,176,077	4,798,211		913,974,288
29	Gas				
30	Operation				
31	Production-Manufactured Gas				
32	Production-Nat. Gas (Including Expl. and Dev.)				
33	Other Gas Supply				
34	Storage, LNG Terminating and Processing				
35	Transmission				
36	Distribution				
37	Customer Accounts				
38	Customer Service and Informational				
39	Sales				
40	Administrative and General				
41	TOTAL Operation (Enter Total of lines 31 thru 40)				
42	Maintenance				
43	Production-Manufactured Gas				
44	Production-Natural Gas (Including Exploration and Development)				
45	Other Gas Supply				
46	Storage, LNG Terminating and Processing				
47	Transmission				

Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the calendar years ended December 31, 2016 -2018

FERC Form 1 Salaries & Wages Page 2 of 6

Name of Respondent Duke Energy Carolinas, LLC		This Report Is: (1) <input checked="" type="checkbox"/> An Original (2) <input type="checkbox"/> A Resubmission		Date of Report (Mo, Da, Yr) / /	Year/Period of Report End of 2016/Q4
DISTRIBUTION OF SALARIES AND WAGES (Continued)					
Line No.	Classification (a)	Direct Payroll Distribution (b)	Allocation of Payroll charged for Clearing Accounts (c)	Total (d)	
48	Distribution				
49	Administrative and General				
50	TOTAL Maint. (Enter Total of lines 43 thru 49)				
51	Total Operation and Maintenance				
52	Production-Manufactured Gas (Enter Total of lines 31 and 43)				
53	Production-Natural Gas (Including Expl. and Dev.) (Total lines 32, 54)				
54	Other Gas Supply (Enter Total of lines 33 and 45)				
55	Storage, LNG Terminating and Processing (Total of lines 31 thru 56)				
56	Transmission (Lines 35 and 47)				
57	Distribution (Lines 36 and 48)				
58	Customer Accounts (Line 37)				
59	Customer Service and Informational (Line 38)				
60	Sales (Line 39)				
61	Administrative and General (Lines 40 and 49)				
62	TOTAL Operation and Maint. (Total of lines 52 thru 61)				
63	Other Utility Departments				
64	Operation and Maintenance				
65	TOTAL All Utility Dept. (Total of lines 28, 62, and 64)	909,176,077	4,798,211		913,974,288
66	Utility Plant				
67	Construction (By Utility Departments)				
68	Electric Plant	195,782,464	20,316,476		216,098,940
69	Gas Plant				
70	Other (provide details in footnote):				
71	TOTAL Construction (Total of lines 68 thru 70)	195,782,464	20,316,476		216,098,940
72	Plant Removal (By Utility Departments)				
73	Electric Plant	25,746,612		11	25,746,612
74	Gas Plant				
75	Other (provide details in footnote):				
76	TOTAL Plant Removal (Total of lines 73 thru 75)	25,746,612			25,746,612
77	Other Accounts (Specify, provide details in footnote):				
78	Non-Regulated Products & Services	2,982,944			2,982,944
79	Other Work In Progress	2,645,443			2,645,443
80	Other Accounts	2,542,699			2,542,699
81					
82					
83					
84					
85					
86					
87					
88					
89					
90					
91					
92					
93					
94					
95	TOTAL Other Accounts	6,171,086		11	6,171,086
96	TOTAL SALARIES AND WAGES	1,136,876,239	11 25,114,687		1,163,990,926

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 13

☐ **CONFIDENTIAL**

☒ **NOT CONFIDENTIAL**

Request:

Provide the following tax data for the test year for total company, North Carolina retail, other retail jurisdictions, and FERC wholesale:

a. Income taxes:

1. Federal operating income taxes deferred - accelerated tax depreciation
 2. Federal operating income taxes deferred - other (explain)
 3. Federal income taxes - operating
 4. Income credits resulting from prior deferrals of federal income taxes
 5. Investment tax credit net
 - i. Investment credit realized
 - ii. Investment credit amortized - Pre-Revenue Act of 1971
 - iii. Investment credit amortized - Revenue Act of 1971
 6. Provide the information in item 13.a (1) through 13.a (4) for state income taxes
 7. Reconciliation of book to taxable income as shown in Format 13a (7) attached and a calculation of the book federal and state income tax expense for the test year using book taxable income as the starting point.
 8. A copy of federal and state income tax returns including supporting schedules for the taxable year ended during the test year.
 9. The quarterly gross receipts tax returns for each quarter during the test year.
- b. An analysis of North Carolina's other operating taxes. See Format 13-b.**
- c. Provide the calculation of deferred income tax expense for the test year. See Format 13-c.**
- d. Provide a reconciliation of beginning and ending test year accumulated deferred income tax. See Format 13-d.**
- e. Provide the calculation of investment tax credits for the test year.**
- f. Provide a reconciliation of beginning and ending test year unamortized investment tax credits. See Format 13-d columnar hearings.**

Response:

Please see the attached files:

"DEC NC E1 13(a)(1)-(a)(6) Inc Tax Exp_ITC.xlsx"

"DEC NC E1 13(a)(7) Fed and State Tax_Inc.xlsx"

"DEC NC E1 13(a)(8) Federal Tax Return.pdf"

"DEC NC E1 13(a)(8) NC State Tax Return.pdf"

"DEC NC E1 13(a)(9) NC Franchise Tax Return.pdf"

"DEC NC E-1 13(b) NC Other Operating Taxes.xlsx"

"DEC NC E1 13(c) Reconciliation DIT Exp.xlsx"

"DEC NC E1 13(d) Reconciliation of ADIT.xlsx"

"DEC NC E1 13(e) Calculation of ITC.xlsx"

"DEC NC E1 13(f) Reconciliation of ITC.xlsx"

Analysis of Operating Federal & State Current & Deferred Income Tax Expense (Excludes Non-Operating Taxes)

Description	Current Federal	Current North Carolina	Current South Carolina	Current Total State	Deferred Federal	Deferred State	Deferred Total	Current & Deferred Total
Current Year Tax Provision	269,362,369	15,220,081	14,918,980	30,139,061	33,191,022	13,825,620	47,016,642	346,518,072
Investment Tax Credit Amortization					(3,959,622)		(3,959,622)	(3,959,622)
Provision to Tax Return True Ups FIN 48	(16,454,362)	(2,087,043)	(334,189)	(2,421,232)	3,810,752	389,194	4,199,946	(14,675,648)
Federal Rate Change - NC Retail Amortization					1,365,752	1,634,133	2,999,885	2,999,885
Federal Rate Change - SC Retail Amortization					(156,391,010)		(156,391,010)	(156,391,010)
Federal Rate Change - Wholesale Amortization					(30,366,869)		(30,366,869)	(30,366,869)
North Carolina State Rate Change - NC Retail Amortization					(10,134,932)		(10,134,932)	(10,134,932)
North Carolina State Rate Change - SC Retail Amortization					25,701,872	(73,779,505)	(48,077,633)	(48,077,633)
Rounding Adjustments	1			-	7,160,361	(20,458,173)	(13,297,812)	(13,297,812)
Total	252,908,008	13,133,038	14,584,791	27,717,829	(129,622,674)	(78,388,732)	(208,011,406)	72,614,431
Tiepoints to FERC Form 1:								
Page 114, line 15	252,908,008							252,908,008
Page 114, line 16				27,717,829				27,717,829
Page 114, line 17							1,606,673,593	1,606,673,593
Page 114, line 18							(1,810,725,377)	(1,810,725,377)
Page 114, line 19							(3,959,622)	(3,959,622)
Total per FERC Form 1	252,908,008			27,717,829			(208,011,406)	72,614,431

	DR(CR) Acct 255	
1 Investment credit realized	\$ (54,996,231)	<i>See details at Item No. 13(e)</i>
2 Investment credit amortized - Pre-Revenue Act of 1971	NONE	
3 Investment credit amortized - Revenue Act of 1971	\$ 3,959,622	<i>See details at Item No. 13(f)</i>

Calculation of Federal Taxable Income and Federal Tax Expense

Description	Reference	Total
Net Income per FERC Financial Statement	FERC Form 1, Pg. 117, lines 27,78, column C	1,336,592,899
Federal Income Taxes (409)	FERC Form 1, Pg. 114, line 15, column C	241,447,060
State Income Taxes (409)	FERC Form 1, Pg. 117, line 53, column C	23,380,402
Deferred Income Taxes (410 & 411)	FERC Form 1, Pg. 114, line 16, column C	(209,698,793)
Investment Tax Credit Amortization	FERC Form 1, Pg. 117, line 54, column C	(3,959,622)
Subtotal Adjustments	FERC Form 1, Pg. 114, line 17-line 18, column C	51,169,047
Total Pre-Tax Book Income	FERC Form 1, Pg. 117, line 55-line 56, column C	1,387,761,946
Total Deductible Sate Tax	FERC Form 1, Pg. 114, line 19, column C	(25,908,479)
Permanent Differences:		
P11A02: COLI Policy Gains/Death Benefits		(342,482)
P11A20: Lobbying		2,700,000
P11A22: Meals		3,500,000
P11A23: Entertainment		800,000
P11A32: Penalties		21,500
P11A40: Acquisition Adjustment (Acct. 42)		3,001
P11A64: Exec. Life Insurance Exp.		(211,481)
P11A66: 50% Dividend Received Exclusion		(1,090,000)
P11A70: Transportation Benefits-Commuting		896,000
P11A71: Transportation Benefits-Emp Parking		497,000
P11A77: AFUDC Equity		(65,129,106)
P11A95: After Tax ADC,M&E,ITC Permanent		85,128,547
Total Permanent Differences		26,772,979
Temporary Differences:		
T11A02: Bad Debts - Tax over Book		17,958,797
T11B06: Surplus Materials Write-off Liab		(108,107)
T11B08: Surplus Materials Write-Off Asset		(3,341,833)
T11B10: Cost of Coal Consumed		2,425,022
T13A04: AFUDC Interest		(28,714,347)
T13A08: Book Depreciation/Amortization		1,250,382,969
T13A10: Adjustment to Book Depreciation		(168,833,443)
T13A11: Lease Right of Use Asset		27,945,807
T13A12: Book Gain/Loss on Property		(1,854,445)
T13A14: Contributions in Aid (CIAC's)		66,801,614
T13A16: Cost of Removal		(150,280,699)
T13A18: Capitalized Hardware/Software		2,808,867
T13A19: After Tax ADC,M&E, ITC Temporary		(85,128,547)
T13A26: Tax Interest Capitalized		30,743,090
T13A28: Tax Depreciation/Amortization		(1,201,100,000)

DUKE ENERGY CAROLINAS, LLC

Docket No. E-7 Sub 1276

NCUC Form E-1 Data Request

For the Test Period Ending December 31, 2021

Item No. 13(a)(7)

Calculation of Federal Taxable Income and Federal Tax Expense

Description	Reference	Total
T13A30: Tax Gains/Losses		(79,840,000)
T13A33: Plant License Renewal		(4,156,571)
T13A42: Capitalized Property Taxes		2,356,320
T13A46: Catawba Wateree Relicensing Project		(303,133)
T13A51: Nuclear Fuel Book Burned		259,578,561
T13A53: Depreciation - Sec 124A Facility		48,032
T13A86: Prepaid Expenses - NC		63,548
T13B02: Amortization Sec 124 Asset		75,677
T13B08: ASSET RETIREMENT OBLIGATION		158,613,096
T13B09: Book Depreciation Charged to Other Accounts		1,190,488
T13B12: 263A ADJUSTMENT		(128,000,000)
T13B23: Non-Cash Overhead Basis Adj		(17,692,152)
T13B24: Capitalized Vacation Carryover Accrual		(208,234)
T13B26: Equipment Repairs - Annual Adj		(140,610,000)
T13B28: LT Cap Lease Oblig-Tax Oper		(5,254,760)
T13B31: Impairment of Plant Assets		64,221,960
T13B33: T & D Repairs - Annual Adj.		(286,610,000)
T13B45: Asset Retirement Obligation - Coal Ash		(257,955,122)
T13B50: Coal Ash Insurance Proceeds		30,658,006
T15A24: Loss on Reacquired Debt-Amort		6,403,404
T15A51: CPRE Rider - Reg Asset		(880,686)
T15B21: Deferred Asset-SC DERP		(72,620)
T15B23: SC Storm Reserve Fund		8,901,894
T15B27: Reg Asset Rate Case Expense - SC		(227,843)
T15B28: Reg Asset - Rate Case Expense		1,510,066
T15B29: Reg Asset-Pension Post Retirement PAA-FAS87Qual and Oth		61,301,582
T15B31: Returns on State Excess Deferred Income Taxes		(2,721,951)
T15B37: Reg Asset-Pension Post Retirement PAA-FAS87NQ and Oth		588,036
T15B41: Reg Asset - Accr Pension FAS158 - FAS 106/112		11,302,969
T15B45: Reg Asset - Plant Related Retirements		485,131
T15B52: Storm Cost Deferral- Asset		206,381,044
T15B66: Reg Asset - Rotable Spare Parts		1,278,028
T15B67: Reg Liab - Rotable Spare Parts		(1,470,038)
T15B70: Reg Asset - Nuclear COLA - Wholesale		1,165,988
T15B71: Reg Asset - Nuclear COLA - NC Retail		26,675,868
T15B72: Reg Asset - NBV on Old Non-AMI Meters		2,698,363
T15B73: Reg Asset - Deferred Cost on AMI Meters		3,574,852
T15B74: Regulatory Fee - North Carolina		555,412
T15B77: Non-AMI Meters Retired Early - NBV		7,688,737
T15B78: NC Customer Connect Deferral		(15,569,943)
T15B79: SC Energy Efficiency Reg Asset		10,428,323
T15B80: NC Energy Efficiency Reg Asset		73,075,640
T15B82: SC Customer Connect Deferral		(1,010,536)
T15B85: Reg Asset - Depreciation Deferral - SC		2,892,152

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DUKE ENERGY CAROLINAS, LLC

Docket No. E-7 Sub 1276

NCUC Form E-1 Data Request

For the Test Period Ending December 31, 2021

Item No. 13(a)(7)

Calculation of Federal Taxable Income and Federal Tax Expense

Description	Reference	Total
T15B86: ORS Avoided Cost Deferral		(48,950)
T15B87: Regulatory Asset - SC Solar Bill		(1,034,941)
T15B96: Regulatory Asset - NC Solar Rebate Program		(3,079,130)
T15C01: Reg Asset - Early Retired Plant - NC Retail		5,033,438
T15C02: Returns on Federal Excess Deferred Income Taxes		14,604,737
T17A01: Vacation Carryover - Reg Asset		705,425
T17A02: Accrued Vacation		(1,720,599)
T17A40: SEVERANCE RESERVE - LT		771,932
T17A54: MGP Sites		715,226
T18A02: Deferred Revenue		565,334
T19A02: Deferred Compensation		(221,779)
T19A51: Extra Facility Lighting		5,490,461
T19A52: Storm Securitization - Reg Asset		(232,227,884)
T19A61: Deferred Cost - Electric Vehicle		(9,964)
T19A86: Deferred Fuel Asset - LT		(302,091,865)
T19A87: Deferred Fuel Liability - LT		(13,408,467)
T19A95: Reserve for Claims		(6,099,618)
T19A96: Lawsuit Contingency		(546,028)
T19B02: Cares Act Reserve		(17,955,594)
T20A15: CPRE Rider - Reg Liab		3,888,035
T20A19: CWDC Deferred Costs - Reg Asset Contra Equity		(125,774)
T20A20: CWDC Deferred Costs - Reg Asset (SC)		428,263
T20A25: SC Grid Deferred Costs - Reg Asset		(40,950,285)
T20A26: SC Grid Deferred Costs - Reg Asset Contra Equity		13,012,011
T20A27: Lee CC Deferred Costs - Reg Asset (NC)		2,354,233
T20A28: Lee CC Deferred Costs - Reg Asset (SC)		60,297
T20A29: Lee CC Deferred Costs - Reg Asset Contra Equity		(1,990,448)
T20A30: REPS Incremental Costs		499,583
T20A32: Return on Solar Assets		(179,040)
T20A39: Return on Equity BPM Sharing Rider		(62,475)
T20A41: Rate Refunds		(11,457,437)
T20A42: COR Settlement - South Carolina		1,313,724
T20A43: Renewable Energy Liability - NC Retail		10,893,872
T20A44: Reg Asset Nuclear Levelization on Plant Outages		9,375,224
T20A45: End of Life Nuclear Fuel Cost Reserve - NC Retail		12,987,519
T20A47: COR Settlement - North Carolina		2,042,113
T20A53: Renewable Energy Liability - Wholesale		906,752
T20A55: Regulatory Liability - Job Retention Rider		(9,546,749)
T20A56: Pipeline Upgrades - Deferred Costs		106,542
T20A58: Reg Asset - Severance Non-Rate Base		21,684,889
T20A59: Reg Asset - COVID-19 Deferral		1,872,402
T20A60: Dan River & Cliff 6 Deferred Costs		536,316
T20A61: McGuire Uprate Deferred Costs		92,712
T20A62: McGuire Uprate Equity Reserve		8,148

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Calculation of Federal Taxable Income and Federal Tax Expense

Description	Reference	Total
T20A63: Buck Bridgewater Deferred Costs		211,692
T20A67: Reg Asset - Hydro Impairment - NC Retail		1,256,963
T20B01: Reg Asset - Credit Card Program - SC Retail		(1,002,689)
T20C02: Demand Side Management (DSM) Defer		664,786
T20H70: ABSAT - Deferred Costs - NC		10,223,730
T20H71: ABSAT - Deferred Costs - SC		(6,364,511)
T20H72: ABSAT - Equity Reserve - NC		(3,462,214)
T20H73: ABSAT - Equity Reserve - SC		3,384,609
T20H74: Deferred Storm Costs - Equity Reserve - SC Retail		(14,466,706)
T22A01: Emission Allowance Expense		2,675
T22A06: Operating Lease Obligation		(17,687,516)
T22A07: Charitable Contribution Carryover		(2,406,711)
T22A09: Charitable Contribution Accruals		(3,411,540)
T22A15: Operating Lease Deferral		(204,942)
T22A16: Self Developed Software		(76,523,544)
T22A19: Charlotte Metro Tower Financing Arrangement		202,810,819
T22A23: Retirement Plan Expense - Overfunded		(68,844,302)
T22A29: Non-qualified Pension - Accrual		(1,040,616)
T22A56: Environmental Reserve		(1,162,218)
T22B02: Greensboro Transit Principal Payme		(823,191)
T22B13: ANNUAL INCENTIVE PLAN COMP		61,228,981
T22B15: PAYABLE 401 (K) MATCH		3,474,206
T22B28: Tax Int Accrual - Non-cur Asset		230,036
T22B34: Return on Debt BPM Sharing Rider		(58,142)
T22C07: Nuclear Insur Res - Tax over Book		11,144,749
T22E02: OPEB Expense Accrual		(21,441,325)
T22E06: FAS 112 Medical Expenses Accrual		(65,937)
T22F02: Injuries and Damages		(70,627,150)
T22F05: I&D Insurance Proceeds		57,004,739
T22F07: I & D AMORTIZATION		(1,543,811)
T22H05: Non-Qualified Fund MTM Earnings		119,593,712
T22H07: Decommissioning Qualified Fund		(730,785,780)
T22H09: Decommissioning Liability		636,556,523
T22H11: Asset Retirement Costs - ARO		(12,889,238)
T22H45: Asset Retirement Costs - Coal Ash		290,177,028
T22H46: ARO Regulatory Asset - Coal Ash		22,117,051
T22H47: Coal Ash Capitalized for Tax		68,437,540
T22H48: Coal Ash Spend Reg Asset - Contra Equity		(17,956,896)
T22H49: Coal Ash Spend - Wholesale		4,287,254
T22H50: Coal Ash Spend Reg Asset Deferral - Retail (SC & FL)		18,887,129
T22H51: Coal Ash Spend Reg Asset Approved - Retail (SC & FL)		17,524,961
T22H53: Coal Ash Spend Reg Asset Deferral - Retail (NC & MW)		190,807,292
T22H54: Coal Ash Spend Reg Asset Approved - Retail (NC & MW)		(48,111,619)
Subtotal		(152,827,629)

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Calculation of Federal Taxable Income and Federal Tax Expense

Description	Reference	Total
Net Operating Loss Utilization		(4,062,695)
Other		(2)
Total Temporary Differences		(156,890,326)
Federal Taxable Income		1,231,736,120
Federal Tax Rate		21%
Federal Tax - Current		258,664,585
Other Adjustments:		
Prior Year State True Up - Federal Effect		530,896
Prior Year Federal Tax True-Up		(17,748,420)
<i>Rounding</i>		(1)
Total Other Adjustments		(17,217,525)
Total Current Federal Income Tax Expense - Computed		241,447,060
Current Federal Income Taxes - per FERC Form 1		241,447,060
Difference		0

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Item No. 13(a)(7)

Calculation of State Taxable Income and Current State Tax Expense

Description	Reference	North Carolina Total
Pre-Tax Book Income	From Federal Tab	1,387,761,946
Federal Permanent Adjustments	From Federal Tab	26,772,979
Federal Temporary Adjustments	From Federal Tab	(152,827,629)
Total Federal Book/Tax Differences		(126,054,650)
State Permanent Adjustments		
Investment Tax Credit State Modification		(12,487,856)
Total State Permanent Adjustments		(12,487,856)
State Temporary Adjustments		
Bonus Depreciation		(395,130,932)
Charitable Contributions		2,406,711
Total State Temporary Adjustments		(392,724,221)
State Taxable Income		856,495,219
State Apportionment Percentage		67.0000%
Apportionable State Income		573,851,797
State Tax Rate		2.5%
State Tax-Current		14,346,295
Other State Adjustments		
Prior Year State Tax True Up		(2,113,780)
Total Other State Adjustments		(2,113,780)
Total Current State Income Tax - Computed		12,232,515

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For the Test Period Ending December 31, 2021

Item No. 13(a)(7)

Calculation of State Taxable Income and Current State Tax Expense

Description	Reference	South Carolina Total
Pre-Tax Book Income	From Federal Tab	1,387,761,946
Federal Permanent Adjustments	From Federal Tab	26,772,979
Federal Temporary Adjustments	From Federal Tab	(152,827,629)
Total Federal Book/Tax Differences		(126,054,650)
State Permanent Adjustments		
Investment Tax Credit State Modification		(12,487,856)
Total State Permanent Adjustments		(12,487,856)
State Temporary Adjustments		
Bonus Depreciation		(359,820,586)
Total State Temporary Adjustments		(359,820,586)
State Taxable Income		889,398,854
State Apportionment Percentage		26.0000%
Apportionable State Income		231,243,702
State Tax Rate		5.0%
State Tax-Current		11,562,185
Other State Adjustments		
Prior Year State Tax True Up		(414,297)
Rounding		(1)
Total Other State Adjustments		(414,298)
Total Current State Income Tax - Computed		11,147,887

DUKE ENERGY CAROLINAS, LLC

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For the Test Period Ending December 31, 2021

Item No. 13(a)(7)

Calculation of State Taxable Income and Current State Tax Expense

		Total
		Total
North Carolina Current State Taxes		12,232,515
South Carolina Current State Taxes		11,147,887
Total		23,380,402
Current State Income Taxes - Per FERC Form 1		23,380,402
Difference		(0)

FERC Form 1, Pg. 114, line 16, column C

FERC Form 1, Pg. 117, line 54, column C

1120

Form
Department of the Treasury
Internal Revenue Service

U.S. Corporation Income Tax Return

For calendar year 2020 or tax year beginning _____, _____, ending _____, 20____
Go to www.irs.gov/Form1120 for instructions and the latest information.

2020

A Check if:

- 1a** Consolidated return (attach Form 851) ☐
b Life/nonlife consolidated return ☐
2 Personal holding co. (attach Sch. PH) ☐
3 Personal service corp. (see instructions) ☐
4 Schedule M-3 attached ☒

TYPE
OR
PRINT

Name, Number, street, and room or suite no. If a P.O. box, see instructions.
City or town, state or province, country, and ZIP or foreign postal code

Duke Energy Carolinas, LLC
550 South Tryon Street, DEC44A

Charlotte NC 28202

B Employer identification number

56-0205520

C Date incorporated

11 27 1963

D Total assets (see instructions)

\$ 45,060,287,074

E Check if: (1) ☐ Initial return (2) ☐ Final return (3) ☐ Name change (4) ☐ Address change

Income

Deductions

Tax Payments

1a	Gross receipts or sales	1a	7,134,925,488	
b	Returns and allowances	1b	-3,118,176	
c	Balance. Subtract line 1b from line 1a	1c	7,138,043,664	
2	Cost of goods sold (attach Form 1125-A)	2	2,001,244,148	
3	Gross profit. Subtract line 2 from line 1c	3	5,136,799,516	
4	Dividends and inclusions (Schedule C, line 23)	4	2,747,663	
5	Interest	5	3,732,208	
6	Gross rents	6	1,449,395	
7	Gross royalties	7	0	
8	Capital gain net income (attach Schedule D (Form 1120))	8	-2,133,193	
9	Net gain or (loss) from Form 4797, Part II, line 17 (attach Form 4797)	9	-156,314,972	
10	Other income (see instructions - attach statement) STATEMENT 1	10	44,686,291	
11	Total income. Add lines 3 through 10	11	5,030,966,908	
12	Compensation of officers (see instructions - attach Form 1125-E)	12	0	
13	Salaries and wages (less employment credits)	13	149,596,365	
14	Repairs and maintenance	14	1,060,711,412	
15	Bad debts	15	12,520,144	
16	Rents	16	19,509,674	
17	Taxes and licenses STATEMENT 2	17	302,181,995	
18	Interest (see instructions)	18	530,883,969	
19	Charitable contributions	19	1,330,917	
20	Depreciation from Form 4562 not claimed on Form 1125-A or elsewhere on return (attach Form 4562)	20	1,116,963,661	
21	Depletion	21	0	
22	Advertising	22	6,265,976	
23	Pension, profit-sharing, etc., plans	23	0	
24	Employee benefit programs	24	74,310,540	
25	Reserved for future use	25		
26	Other deductions (attach statement) STATEMENT 3	26	525,214,241	
27	Total deductions. Add lines 12 through 26	27	3,799,488,894	
28	Taxable income before net operating loss deduction and special deductions. Subtract line 27 from line 11.	28	1,231,478,014	
29a	Net operating loss deduction (see instructions)	29a	0	
b	Special deductions (Schedule C, line 24)	29b	1,291,484	
c	Add lines 29a and 29b	29c	1,291,484	
30	Taxable income. Subtract line 29c from line 28. See instructions	30	1,230,186,530	
31	Total tax (Schedule J, Part I, line 11)	31	0	
32	2020 net 965 tax liability paid (Schedule J, Part II, line 12)	32	0	
33	Total payments, credits, and section 965 net tax liability (Schedule J, Part III, line 23)	33	0	
34	Estimated tax penalty. See instructions. Check if Form 2220 is attached <input type="checkbox"/>	34	0	
35	Amount owed. If line 33 is smaller than the total of lines 31, 32, and 34, enter amount owed	35	0	
36	Overpayment. If line 33 is larger than the total of lines 31, 32, and 34, enter amount overpaid	36	0	
37	Enter amount from line 36 you want: Credited to 2021 estimated tax 0 Refunded	37	0	

Sign
Here

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than taxpayer) is based on all information of which preparer has any knowledge.

Signature of officer

Date

Title

May the IRS discuss this return with the preparer shown below See instructions. ☐ Yes ☐ No

**Paid
Preparer
Use Only**

Print/Type preparer's name

Preparer's signature

Date

Check ☐ if self-employed PTIN

Firm's name

Firm's EIN

Firm's address

Phone no.

Form 1120 (2020)

Duke Energy Carolinas, LLC

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Schedule C	Dividends, Inclusions, and Special Deductions (see instructions)	(a) Dividends and inclusions	(b) %	(c) Special deductions (a) x (b)
1	Dividends from less-than-20%-owned domestic corporations (other than debt-financed stock)	2,582,967	50	1,291,484
2	Dividends from 20%-or-more-owned domestic corporations (other than debt-financed stock)	0	65	0
3	Dividends on certain debt-financed stock of domestic and foreign corporations	0	See instructions	0
4	Dividends on certain preferred stock of less-than-20%-owned public utilities	0	23.3	0
5	Dividends on certain preferred stock of 20%-or-more-owned public utilities	0	26.7	0
6	Dividends from less-than-20%-owned foreign corporations and certain FSCs	0	50	0
7	Dividends from 20%-or-more-owned foreign corporations and certain FSCs	0	65	0
8	Dividends from wholly owned foreign subsidiaries	0	100	0
9	Subtotal. Add lines 1 through 8. See instructions for limitations	2,582,967	See instructions	1,291,484
10	Dividends from domestic corporations received by a small business investment company operating under the Small Business Investment Act of 1958	0	100	0
11	Dividends from affiliated group members	0	100	0
12	Dividends from certain FSCs	0	100	0
13	Foreign-source portion of dividends received from a specified 10%-owned foreign corporation (excluding hybrid dividends) (see instructions)	0	100	0
14	Dividends from foreign corporations not included on line 3, 6, 7, 8, 11, 12, or 13 (including any hybrid dividends)	80,427		
15	Section 965(a) inclusion	0	See instructions	0
16a	Subpart F inclusions derived from the sale by a controlled foreign corporation (CFC) of the stock of a lower-tier foreign corporation treated as a dividend (attach Form(s) 5471) (see instructions)	0	100	0
b	Subpart F inclusions derived from hybrid dividends of tiered corporations (attach Form(s) 5471) (see instructions)	0		
c	Other inclusions from CFCs under subpart F not included on line 15, 16a, 16b, or 17 (attach Form(s) 5471) (see instructions)	0		
17	Global Intangible Low-Taxed Income (GILTI) (attach Form(s) 5471 and Form 8992)	0		
18	Gross-up for foreign taxes deemed paid	0		
19	IC-DISC and former DISC dividends not included on lines 1, 2, or 3	0		
20	Other dividends	84,269		
21	Deduction for dividends paid on certain preferred stock of public utilities			0
22	Section 250 deduction (attach Form 8993)			0
23	Total dividends and inclusions. Add lines 9 through 20. Enter here and on page 1, line 4	2,747,663		
24	Total special deductions. Add lines 9 through 22, column (c). Enter here and on page 1, line 29b			1,291,484

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Form 1120 (2020)

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Schedule J Tax Computation and Payment (see instructions)**Part I - Tax Computation**

1	Check if the corporation is a member of a controlled group (attach Schedule O (Form 1120)). See inst.	<input checked="" type="checkbox"/>		
2	Income tax. See instructions		2	0
3	Base erosion minimum tax (attach Form 8991)		3	0
4	Add lines 2 and 3		4	0
5a	Foreign tax credit (attach Form 1118)	5a	0	
b	Credit from Form 8834 (see instructions)	5b	0	
c	General business credit (attach Form 3800)	5c	0	
d	Credit for prior year minimum tax (attach Form 8827)	5d	0	
e	Bond credits from Form 8912	5e	0	
6	Total credits. Add lines 5a through 5e		6	0
7	Subtract line 6 from line 4		7	0
8	Personal holding company tax (attach Schedule PH (Form 1120))		8	0
9a	Recapture of investment credit (attach Form 4255)	9a	0	
b	Recapture of low-income housing credit (attach Form 8611)	9b	0	
c	Interest due under the look-back method--completed long-term contracts (attach Form 8697)	9c	0	
d	Interest due under the look-back method--income forecast method (attach Form 8866)	9d	0	
e	Alternative tax on qualifying shipping activities (attach Form 8902)	9e	0	
f	Interest/tax due under Section 453A(c) and/or Section 453(l)	9f	0	
g	Other (see instructions--attach statement)	9g	0	
10	Total. Add lines 9a through 9g		10	0
11	Total tax. Add lines 7, 8, and 10. Enter here and on page 1, line 31		11	0

Part II - Section 965 Payments (see instructions)

12	2020 net 965 tax liability paid from Form 965-B, Part II, column (k), line 4. Enter here and on page 1, line 32	12	0
----	---	----	---

Part III - Payments, Refundable Credits, and Section 965 Net Tax Liability

13	2019 overpayment credited to 2020	13	0
14	2020 estimated tax payments	14	0
15	2020 refund applied for on Form 4466	15	0
16	Combine lines 13, 14, and 15	16	0
17	Tax deposited with Form 7004	17	0
18	Withholding (see instructions)	18	0
19	Total payments. Add lines 16, 17, and 18	19	0
20	Refundable credits from:		
a	Form 2439	20a	0
b	Form 4136	20b	0
c	Reserved for future use	20c	
d	Other (attach statement--see instructions)	20d	0
21	Total credits. Add lines 20a through 20d	21	0
22	2020 net 965 tax liability from Form 965-B, Part I, column (d), line 4. See instructions	22	0
23	Total payments, credits, and section 965 net tax liability. Add lines 19, 21, and 22. Enter here and on page 1, line 33	23	0

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Duke Energy Carolinas, LLC

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Schedule K Other Information (see instructions)

1	Check accounting method: a <input type="checkbox"/> Cash b <input checked="" type="checkbox"/> Accrual c <input type="checkbox"/> Other (specify) ▶	Yes	No
2	See the instructions and enter the:		
a	Business activity code no. ▶ 221100		
b	Business activity ▶ Electric Utility		
c	Product or service ▶ Electric Utility		
3	Is the corporation a subsidiary in an affiliated group or a parent-subsidiary controlled group? If "Yes," enter name and EIN of the parent corporation ▶ 20-2777218 Duke Energy Corporation	X	
4	At the end of the tax year:		
a	Did any foreign or domestic corporation, partnership (including any entity treated as a partnership), trust, or tax-exempt organization own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of the corporation's stock entitled to vote? If "Yes," complete Part I of Schedule G (Form 1120) (attach Schedule G)	X	
b	Did any individual or estate own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of the corporation's stock entitled to vote? If "Yes," complete Part II of Schedule G (Form 1120) (attach Schedule G) . . .		X
5	At the end of the tax year, did the corporation:		
a	Own directly 20% or more, or own, directly or indirectly, 50% or more of the total voting power of all classes of stock entitled to vote of any foreign or domestic corporation not included on Form 851 , Affiliations Schedule? For rules of constructive ownership, see instructions. If "Yes," complete (i) through (iv) below.		X
(i) Name of Corporation		(ii) Employer Identification Number (if any)	(iii) Country of Incorporation
			(iv) Percentage Owned in Voting Stock
			0.000
			0.000
			0.000
b	Own directly an interest of 20% or more, or own, directly or indirectly, an interest of 50% or more in any foreign or domestic partnership (including an entity treated as a partnership) or in the beneficial interest of a trust? For rules of constructive ownership, see instructions. If "Yes," complete (i) through (iv) below.	X	
(i) Name of Entity		(ii) Employer Identification Number (if any)	(iii) Country of Organization
			(iv) Maximum Percentage Owned in Profit, Loss, or Capital
			0.000
			0.000
			0.000
6	During this tax year, did the corporation pay dividends (other than stock dividends and distributions in exchange for stock) in excess of the corporation's current and accumulated earnings and profits? See sections 301 and 316. If "Yes," file Form 5452 , Corporate Report of Nondividend Distributions. See the instructions for Form 5452. If this is a consolidated return, answer here for the parent corporation and on Form 851 for each subsidiary.		X
7	At any time during the tax year, did one foreign person own, directly or indirectly, at least 25% of the total voting power of all classes of the corporation's stock entitled to vote or at least 25% of the total value of all classes of the corporation's stock? For rules of attribution, see section 318. If "Yes," enter: (a) Percentage owned ▶ .000 and (b) Owner's country ▶ (c) The corporation may have to file Form 5472 , Information Return of a 25% Foreign-Owned U.S. Corporation or a Foreign Corporation Engaged in a U.S. Trade or Business. Enter the number of Forms 5472 attached ▶		X
8	Check this box if the corporation issued publicly offered debt instruments with original issue discount. <input type="checkbox"/> If checked, the corporation may have to file Form 8281 , Information Return for Publicly Offered Original Issue Discount Instruments.		
9	Enter the amount of tax-exempt interest received or accrued during the tax year ▶ \$ 0		
10	Enter the number of shareholders at the end of the tax year (if 100 or fewer) ▶ 1		
11	If the corporation has an NOL for the tax year and is electing to forego the carryback period, check here (see instructions) ▶ <input type="checkbox"/> If the corporation is filing a consolidated return, the statement required by Regulations section 1.1502-21(b)(3) must be attached or the election will not be valid.		
12	Enter the available NOL carryover from prior tax years (do not reduce it by any deduction reported on page 1, line 29a.) ▶ \$ 0		

Form 1120 (2020)

Duke Energy Carolinas, LLC

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Form 1120 (2020)

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Schedule K Other Information (continued from page 4)

	Yes	No
13 Are the corporation's total receipts (page 1, line 1a, plus lines 4 through 10) for the tax year and its total assets at the end of the tax year less than \$250,000?		X
If "Yes," the corporation is not required to complete Schedules L, M-1, and M-2. Instead, enter the total amount of cash distributions and the book value of property distributions (other than cash) made during the tax year ▶\$ 0		
14 Is the corporation required to file Schedule UTP (Form 1120), Uncertain Tax Position Statement? See instructions		X
If "Yes," complete and attach Schedule UTP.		
15a Did the corporation make any payments in 2020 that would require it to file Form(s) 1099?	X	
b If "Yes," did or will the corporation file all required Form(s) 1099?	X	
16 During this tax year, did the corporation have an 80% or more change in ownership, including a change due to redemption of its own stock?		X
17 During or subsequent to this tax year, but before the filing of this return, did the corporation dispose of more than 65% (by value) of its assets in a taxable, non-taxable, or tax deferred transaction?		X
18 Did the corporation receive assets in a section 351 transfer in which any of the transferred assets had a fair market basis or fair market value of more than \$1 million?		X
19 During the corporation's tax year, did the corporation make any payments that would require it to file Forms 1042 and 1042-S under chapter 3 (sections 1441 through 1464) or chapter 4 (sections 1471 through 1474) of the Code?		X
20 Is the corporation operating on a cooperative basis?		X
21 During the tax year, did the corporation pay or accrue any interest or royalty for which the deduction is not allowed under section 267A? See instructions		X
If "Yes," enter the total amount of the disallowed deductions ▶\$ 0		
22 Does the corporation have gross receipts of at least \$500 million in any of the 3 preceding tax years? (See sections 59A(e)(2) and (3))		X
If "Yes," complete and attach Form 8991.		
23 Did the corporation have an election under section 163(j) for any real property trade or business or any farming business in effect during the tax year? See instructions		X
24 Does the corporation satisfy one or more of the following? See instructions		X
a The corporation owns a pass-through entity with current, or prior year carryover, excess business interest expense.		
b The corporation's aggregate average annual gross receipts (determined under section 448(c)) for the 3 tax years preceding the current tax year are more than \$26 million and the corporation has business interest expense.		
c The corporation is a tax shelter and the corporation has business interest expense.		
If "Yes," complete and attach Form 8990.		
25 Is the corporation attaching Form 8996 to certify as a Qualified Opportunity Fund?		X
If "Yes," enter amount from Form 8996, line 15 ▶\$ 0		
26 Since December 22, 2017, did a foreign corporation directly or indirectly acquire substantially all of the properties held directly or indirectly by the corporation, and was the ownership percentage (by vote or value) for purposes of section 7874 greater than 50% (for example, the shareholders held more than 50% of the stock of the foreign corporation)? If "Yes," list the ownership percentage by vote and by value. See instructions		
Percentage: By Vote 0.0000 By Value 0.0000		

Form 1120 (2020)

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Jan 19 2023

Form 1120 (2020)

Page 6

Schedule L Balance Sheets per Books

		Beginning of tax year		End of tax year	
Assets		(a)	(b)	(c)	(d)
1	Cash		18,218,730		20,826,070
2a	Trade notes and accounts receivable	1,089,513,556		1,090,174,392	
b	Less allowance for bad debts	(9,792,583)	1,079,720,973	(23,562,863)	1,066,611,529
3	Inventories		995,884,287		1,010,071,950
4	U.S. government obligations		0		0
5	Tax-exempt securities (see instructions)		0		0
6	Other current assets (attach statement)	STATEMENT 4	571,379,654	STATEMENT 11	493,120,328
7	Loans to shareholders		0		0
8	Mortgage and real estate loans		0		0
9	Other investments (attach statement)	STATEMENT 5	4,371,767,959	STATEMENT 12	4,990,124,935
10a	Buildings and other depreciable assets	48,866,698,626		50,580,996,414	
b	Less accumulated depreciation	(16,524,638,946)	32,342,059,680	(17,452,344,367)	33,128,652,047
11a	Depletable assets	0		0	
b	Less accumulated depletion	(0)	0	(0)	0
12	Land (net of any amortization)		55,209,669		58,725,682
13a	Intangible assets (amortizable only)	0		0	
b	Less accumulated amortization	(0)	0	(0)	0
14	Other assets (attach statement)	STATEMENT 6	4,631,997,074	STATEMENT 13	4,292,154,533
15	Total assets		44,066,238,026		45,060,287,074
Liabilities and Shareholders' Equity					
16	Accounts payable		1,183,223,160		1,224,151,213
17	Mortgages, notes, bonds payable in less than 1 year		529,667,633		1,007,094,353
18	Other current liabilities (attach statement)	STATEMENT 7	1,231,676,322	STATEMENT 14	1,467,704,453
19	Loans from shareholders		0		0
20	Mortgages, notes, bonds payable in 1 year or more		11,394,829,838		11,712,423,426
21	Other liabilities (attach statement)	STATEMENT 8	16,916,256,256	STATEMENT 15	16,494,468,165
22	Capital stock: a Preferred stock	0		0	
	b Common stock	0	0	0	0
23	Additional paid-in capital		1,422,086,386		1,422,086,386
24	Retained earnings - Appropriated (attach statement)	STATEMENT 9	135,851,146	STATEMENT 16	148,029,446
25	Retained earnings - Unappropriated		11,259,934,128		11,591,200,830
26	Adjustments to shareholders' equity (attach statement)	STATEMENT 10	-7,286,843	STATEMENT 17	-6,871,198
27	Less cost of treasury stock		(0)		(0)
28	Total liabilities and shareholders' equity		44,066,238,026		45,060,287,074

Schedule M-1 Reconciliation of Income (Loss) per Books With Income per Return

Note: The corporation may be required to file Schedule M-3. See instructions.

1	Net income (loss) per books	0	7	Income recorded on books this year not included on this return (itemize):	
2	Federal income tax per books	0		Tax-exempt interest \$	0
3	Excess of capital losses over capital gains	0			0
4	Income subject to tax not recorded on books this year (itemize):	0	8	Deductions on this return not charged against book income this year (itemize):	
5	Expenses recorded on books this year not deducted on this return (itemize):		a	Depreciation \$	0
a	Depreciation \$	0	b	Charitable contributions \$	0
b	Charitable contributions \$	0			0
c	Travel & entertainment \$	0	9	Add lines 7 and 8	0
		0	10	Income (page 1, line 28) - line 6 less line 9	0
6	Add lines 1 through 5	0			

Schedule M-2 Analysis of Unappropriated Retained Earnings per Books (Schedule L, Line 25)

1	Balance at beginning of year	11,259,934,128	5	Distributions: a Cash	600,000,000
2	Net income (loss) per books	955,708,961		b Stock	0
3	Other increases (itemize):			c Property	0
		0	6	Other decreases (itemize): STATEMENT 18	24,442,259
4	Add lines 1, 2, and 3	12,215,643,089	7	Add lines 5 and 6	624,442,259
			8	Balance at end of year (line 4 less line 7)	11,591,200,830

Form 1120 (2020)

SCHEDULE D (Form 1120)

Department of the Treasury
Internal Revenue Service

Capital Gains and Losses

▶ Attach to Form 1120, 1120-C, 1120-F, 1120-FSC, 1120-H, 1120-IC-DISC, 1120-L, 1120-ND, 1120-PC, 1120-POL, 1120-REIT, 1120-RIC, 1120-SF, or certain Forms 990-T.

▶ Go to www.irs.gov/Form1120 for instructions and the latest information.

OMB No. 1545-0123

2020

Name **Duke Energy Carolinas, LLC** Employer identification number **56-0205520**

Did the corporation dispose of any investment(s) in a qualified opportunity fund during the tax year? ☐ Yes ☐ No
If "Yes," attach Form 8949 and see its instructions for additional requirements for reporting your gain or loss.

Part I Short - Term Capital Gains and Losses - Assets Held One Year or Less

See instructions for how to figure the amounts to enter on the lines below. This form may be easier to complete if you round off cents to whole dollars.	(d) Proceeds (sales price)	(e) Cost (or other basis)	(g) Adjustments to gain or loss from Form(s) 8949, Part I, line 2, column (g)	(h) Gain or (loss) Subtract column (e) from column (d) and combine the result with column (g)
1a Totals for all short-term transactions reported on Form 1099-B for which basis was reported to the IRS and for which you have no adjustments (see instructions). However, if you choose to report all these transactions on Form 8949, leave this line blank and go to line 1b	0	0		0
1b Totals for all transactions reported on Form(s) 8949 with Box A checked	0	0	0	0
2 Totals for all transactions reported on Form(s) 8949 with Box B checked	0	0	0	0
3 Totals for all transactions reported on Form(s) 8949 with Box C checked	0	0	0	-1,404,350
4 Short-term capital gain from installment sales from Form 6252, line 26 or 37			4	0
5 Short-term capital gain or (loss) from like-kind exchanges from Form 8824			5	0
6 Unused capital loss carryover (attach computation)			6	(0)
7 Net short-term capital gain or (loss). Combine lines 1a through 6 in column h			7	-1,404,350

Part II Long - Term Capital Gains and Losses - Assets Held More Than One Year

See instructions for how to figure the amounts to enter on the lines below. This form may be easier to complete if you round off cents to whole dollars.	(d) Proceeds (sales price)	(e) Cost (or other basis)	(g) Adjustments to gain or loss from Form(s) 8949, Part II, line 2, column (g)	(h) Gain or (loss) Subtract column (e) from column (d) and combine the result with column (g)
8a Totals for all long-term transactions reported on Form 1099-B for which basis was reported to the IRS and for which you have no adjustments (see instructions). However, if you choose to report all these transactions on Form 8949, leave this line blank and go to line 8b	0	0		0
8b Totals for all transactions reported on Form(s) 8949 with Box D checked	0	0	0	0
9 Totals for all transactions reported on Form(s) 8949 with Box E checked	0	0	0	0
10 Totals for all transactions reported on Form(s) 8949 with Box F checked	0	0	0	-728,843
11 Enter gain from Form 4797, line 7 or 9			11	0
12 Long-term capital gain from installment sales from Form 6252, line 26 or 37			12	0
13 Long-term capital gain or (loss) from like-kind exchanges from Form 8824			13	0
14 Capital gain distributions (see instructions)			14	0
15 Net long-term capital gain or (loss). Combine lines 8a through 14 in column h			15	-728,843

Part III Summary of Parts I and II

16 Enter excess of net short-term capital gain (line 7) over net long-term capital loss (line 15)	16	-1,404,350
17 Net capital gain. Enter excess of net long-term capital gain (line 15) over net short-term capital loss (line 7)	17	-728,843
18 Add lines 16 and 17. Enter here and on Form 1120, page 1, line 8, or the applicable line on other returns.	18	-2,133,193

Note: If losses exceed gains, see **Capital losses** in the instructions.

For Paperwork Reduction Act Notice, see the Instructions for Form 1120.

Schedule D (Form 1120) 2020

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Jan 19 2023

Form **8949**

Sales and Other Dispositions of Capital Assets

Department of the Treasury
Internal Revenue Service

► Go to www.irs.gov/Form8949 for instructions and the latest information.

►File with your Schedule D to list your transactions for lines 1b, 2, 3, 8b, 9, and 10 of Schedule D.

OMB No. 1545- 0074

2020

Attachment
Sequence No. **12A**

Name(s) shown on return

Social security number or taxpayer identification number	
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Duke Energy Carolinas, LLC

56-0205520

Before you check Box A, B, or C below, see whether you received any Form(s) 1099-B or substitute statement(s) from your broker. A substitute statement will have the same information as Form 1099-B. Either will show whether your basis (usually your cost) was reported to the IRS by your broker and may even tell you which box to check.

Part I Short-Term. Transactions involving capital assets you held 1 year are generally short-term (see instructions). For long-term transactions, see page 2.

Note: You may aggregate all short-term transactions reported on Form(s) 1099-B showing basis was reported to the IRS and for which no adjustments or codes are required. Enter the totals directly on Schedule D, line 1a; you aren't required to report these transactions on Form 8949 (see instructions).

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- ☒ (A) Short-term transactions reported on Form(s) 1099-B showing basis was reported to the IRS (see **Note** above)
- ☐ (B) Short-term transactions reported on Form(s) 1099-B showing basis **wasn't** reported to the IRS
- ☐ (C) Short-term transactions not reported to you on Form 1099-B

1	(a) Description of property (Example: 100 sh. XYZ Co.)	(b) Date acquired (Mo., day, yr.)	(c) Date sold or disposed of (Mo., day, yr.)	(d) Proceeds (sales price) (see instructions)	(e) Cost or other basis. See the Note below and see Column (e) in the separate instructions	Adjustment, if any, to gain or loss. If you enter an amount in column (g), enter a code in column (f). See the separate instructions.		(h) Gain or (loss). Subtract column (e) from column (d) and combine the result with column (g)
						(f) Code(s) from instructions	(g) Amount of adjustment	
				0	0		0	0
2 Totals. Add the amounts in columns (d), (e), (g), and (h) (subtract negative amounts). Enter each total here and include on your Schedule D, line 1b (if Box A above is checked), line 2 (if Box B above is checked), or line 3 (if Box C above is checked) ▶				0	0		0	0

Note. If you checked Box A above but the basis reported to the IRS was incorrect, enter in column (e) the basis as reported to the IRS, and enter an adjustment in column (g) to correct the basis. See Column (g) in the separate instructions for how to figure the amount of the adjustment.

For Paperwork Reduction Act Notice, see your tax return instructions.
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Form **8949** (2020)

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Jan 19 2023

Form

8949

Sales and Other Dispositions of Capital Assets

► Go to www.irs.gov/Form8949 for instructions and the latest information.

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OMB No. 1545-0074

2020

Attachment
Sequence No. **12A**

Department of the Treasury
Internal Revenue Service

Name(s) shown on return

Social security number or taxpayer identification number

56-0205520

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- ☒ (B) Short-term transactions reported on Form(s) 1099-B showing basis **wasn't** reported to the IRS
- ☐ (C) Short-term transactions not reported to you on Form 1099-B

1	(a) Description of property (Example: 100 sh. XYZ Co.)	(b) Date acquired (Mo., day, yr.)	(c) Date sold or disposed of (Mo., day, yr.)	(d) Proceeds (sales price) (see instructions)	(e) Cost or other basis. See the Note below and see Column (e) in the separate instructions	Adjustment, if any, to gain or loss. If you enter an amount in column (g), enter a code in column (f). See the separate instructions.		(h) Gain or (loss). Subtract column (e) from column (d) and combine the result with column (g)
						(f) Code(s) from instructions	(g) Amount of adjustment	
				0	0		0	0
2 Totals. Add the amounts in columns (d), (e), (g), and (h) (subtract negative amounts). Enter each total here and include on your Schedule D, line 1b (if Box A above is checked), line 2 (if Box B above is checked), or line 3 (if Box C above is checked) ►				0	0		0	0

Note. If you checked Box A above but the basis reported to the IRS was incorrect, enter in column (e) the basis as reported to the IRS, and enter an adjustment in column (g) to correct the basis. See Column (g) in the separate instructions for how to figure the amount of the adjustment.

For Paperwork Reduction Act Notice, see your tax return instructions.
ERF

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US8949P1

Form **8949** (2020)

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Jan 19 2023

Form **8949**

Sales and Other Dispositions of Capital Assets

OMB No. 1545-0074

Department of the Treasury
Internal Revenue Service

►Go to www.irs.gov/Form8949 for instructions and the latest information.
►File with your Schedule D to list your transactions for lines 1b, 2, 3, 8b, 9, and 10 of Schedule D.

2020
Attachment
Sequence No. **12A**

Name(s) shown on return

Social security number or taxpayer identification number

Duke Energy Carolinas, LLC

56-0205520

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- ☐ (B) Short-term transactions reported on Form(s) 1099-B showing basis **wasn't** reported to the IRS
- ☒ (C) Short-term transactions not reported to you on Form 1099-B

1	(a) Description of property (Example: 100 sh. XYZ Co.)	(b) Date acquired (Mo., day, yr.)	(c) Date sold or disposed of (Mo., day, yr.)	(d) Proceeds (sales price) (see instructions)	(e) Cost or other basis. See the Note below and see Column (e) in the separate instructions	Adjustment, if any, to gain or loss. If you enter an amount in column (g), enter a code in column (f). See the separate instructions.		(h) Gain or (loss). Subtract column (e) from column (d) and combine the result with column (g)
						(f) Code(s) from instructions	(g) Amount of adjustment	
				0	0		0	0
								0
	Available upon request			0	0	0	0	-1,404,350
	STATEMENT 24			0	0		0	0
								0
								0
								0
2 Totals. Add the amounts in columns (d), (e), (g), and (h) (subtract negative amounts). Enter each total here and include on your Schedule D, line 1b (if Box A above is checked), line 2 (if Box B above is checked), or line 3 (if Box C above is checked) ►				0	0		0	-1,404,350

Note. If you checked Box A above but the basis reported to the IRS was incorrect, enter in column (e) the basis as reported to the IRS, and enter an adjustment in column (g) to correct the basis. See Column (g) in the separate instructions for how to figure the amount of the adjustment.

Social security number or taxpayer identification number

56-0205520

Part II Long-Term. Transactions involving capital assets you held more than 1 year are generally long-term (see instructions). For short-term transactions, see page 1.

You must check Box D, E, or F below. Check only one box. If more than one box applies for your long-term transactions, complete a separate Form 8949, page 2, for each applicable box. If you have more long-term transactions than will fit on this page for one or more of the boxes, complete as many forms with the same box checked as you need.

- | 1 | (a)
Description of property
(Example: 100 sh. XYZ Co.) | (b)
Date acquired
(Mo., day, yr.) | (c)
Date sold or
disposed of
(Mo., day, yr.) | (d)
Proceeds
(sales price)
(see instructions) | (e)
Cost or other basis.
See the Note below
and see Column (e)
in the separate
instructions | Adjustment, if any, to
gain or loss.
If you enter an amount in
column (g), enter a code in
column (f).
See the separate
instructions. | | (h)
Gain or (loss).
Subtract column (e)
from column (d) and
combine the result
with column (g) |
|--|--|---|---|--|---|---|--------------------------------|--|
| | | | | | | (f)
Code(s) from
instructions | (g)
Amount of
adjustment | |
| | | | | 0 | 0 | | 0 | 0 |
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| 2 Totals. Add the amounts in columns (d), (e), (g), and (h) (subtract negative amounts). Enter each total here and include on your Schedule D, line 8b (if Box D above is checked), line 9 (if Box E above is checked), or line 10 (if Box F above is checked). | | | | 0 | 0 | | 0 | 0 |

Form **8949** (2020)

Form 8949 (2020)

Attachment Sequence No. **12A** Page **2**

Name(s) shown on return. Name and SSN or taxpayer identification no. not required if shown on other side

Social security number or taxpayer identification number

Duke Energy Carolinas, LLC

56-0205520

Before you check Box D, E, or F below, see whether you received any Form(s) 1099-B or substitute statement(s) from your broker. A substitute statement will have the same information as Form 1099-B. Either will show whether your basis (usually your cost) was reported to the IRS by your broker and may even tell you which box to check.

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- ☐ **(D)** Long-term transactions reported on Form(s) 1099-B showing basis was reported to the IRS (see **Note** above)
- ☒ **(E)** Long-term transactions reported on Form(s) 1099-B showing basis **wasn't** reported to the IRS
- ☐ **(F)** Long-term transactions not reported to you on Form 1099-B

1	(a) Description of property (Example: 100 sh. XYZ Co.)	(b) Date acquired (Mo., day, yr.)	(c) Date sold or disposed of (Mo., day, yr.)	(d) Proceeds (sales price) (see instructions)	(e) Cost or other basis. See the Note below and see Column (e) in the separate instructions	Adjustment, if any, to gain or loss. If you enter an amount in column (g), enter a code in column (f). See the separate instructions.		(h) Gain or (loss). Subtract column (e) from column (d) and combine the result with column (g)
						(f) Code(s) from instructions	(g) Amount of adjustment	
				0	0		0	0
								0
2 Totals.	Add the amounts in columns (d), (e), (g), and (h) (subtract negative amounts). Enter each total here and include on your Schedule D, line 8b (if Box D above is checked), line 9 (if Box E above is checked), or line 10 (if Box F above is checked). ▶			0	0		0	0

Note: If you checked Box D above but the basis reported to the IRS was incorrect, enter in column (e) the basis as reported to the IRS, and enter an adjustment in column (g) to correct the basis. See Column (g) in the separate instructions for how to figure the amount of the adjustment.

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Jan 19 2023

Form 8949 (2020)

Attachment Sequence No. **12A** Page **2**

Name(s) shown on return. Name and SSN or taxpayer identification no. not required if shown on other side

Social security number or taxpayer identification number

Duke Energy Carolinas, LLC

56-0205520

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- ☐ (D) Long-term transactions reported on Form(s) 1099-B showing basis was reported to the IRS (see **Note** above)
- ☐ (E) Long-term transactions reported on Form(s) 1099-B showing basis **wasn't** reported to the IRS
- ☒ (F) Long-term transactions not reported to you on Form 1099-B

1	(a) Description of property (Example: 100 sh. XYZ Co.)	(b) Date acquired (Mo., day, yr.)	(c) Date sold or disposed of (Mo., day, yr.)	(d) Proceeds (sales price) (see instructions)	(e) Cost or other basis. See the Note below and see Column (e) in the separate instructions	Adjustment, if any, to gain or loss. If you enter an amount in column (g), enter a code in column (f). See the separate instructions.		(h) Gain or (loss). Subtract column (e) from column (d) and combine the result with column (g)
						(f) Code(s) from instructions	(g) Amount of adjustment	
				0	0		0	0
								0
	Available upon request			0	0	M	0	-728,843
	STATEMENT 25			0	0		0	0
								0
								0
								0
2 Totals. Add the amounts in columns (d), (e), (g), and (h) (subtract negative amounts). Enter each total here and include on your Schedule D, line 8b (if Box D above is checked), line 9 (if Box E above is checked), or line 10 (if Box F above is checked). ▶				0	0		0	-728,843

Note: If you checked Box D above but the basis reported to the IRS was incorrect, enter in column (e) the basis as reported to the IRS, and enter an adjustment in column (g) to correct the basis. See Column (g) in the separate instructions for how to figure the amount of the adjustment.

Form **1125-A**

Cost of Goods Sold

(Rev. November 2018)

Department of the Treasury
Internal Revenue Service

- **Attach to Form 1120, 1120-C, 1120-F, 1120S, or 1065.**
► **Go to www.irs.gov/Form1125A for the latest information.**

OMB No. 1545-0123

Name		Employer identification number	
Duke Energy Carolinas, LLC		56-0205520	
1	Inventory at beginning of year	1	0
2	Purchases	2	304,222,969
3	Cost of labor	3	0
4	Additional section 263A costs (attach schedule)	4	0
5	Other costs (attach schedule) STATEMENT 19	5	1,697,021,179
6	Total. Add lines 1 through 5	6	2,001,244,148
7	Inventory at end of year	7	0
8	Cost of goods sold. Subtract line 7 from line 6. Enter here and on Form 1120, page 1, line 2 or the appropriate line of your tax return. See instructions	8	2,001,244,148

9a Check all methods used for valuing closing inventory:

(i) ☐ Cost

(ii) ☒ Lower of cost or market

(iii) ☐ Other (Specify method used and attach explanation.) ►

b Check if there was a writedown of subnormal goods ► ☐

c Check if the LIFO inventory method was adopted this tax year for any goods (if checked, attach Form 970) ► ☐

d If the LIFO inventory method was used for this tax year, enter amount of closing inventory computed under LIFO. **9d** 0

e If property is produced or acquired for resale, do the rules of section 263A apply to the entity? See instructions ☒ Yes ☐ No

f Was there any change in determining quantities, cost, or valuations between opening and closing inventory? If "Yes," attach explanation ☐ Yes ☒ No

For Paperwork Reduction Act Notice, see separate instructions.

Form **1125-A** (Rev. 11-2018)

ERF

Form **4136**
Department of the Treasury
Internal Revenue Service (99)

Credit for Federal Tax Paid on Fuels

► Go to www.irs.gov/Form4136 for instructions and the latest information.

OMB No. 1545-0162

2020

Attachment
Sequence No. **23**

Name (as shown on your income tax return)

Duke Energy Carolinas, LLC

Taxpayer identification number

56-0205520

Caution: Claimant has the name and address of the person who sold the fuel to the claimant and the dates of purchase. For claims on lines 1c and 2b (type of use 13 or 14), 3d, 4c, and 5, claimant has not waived the right to make the claim. For claims on lines 1c and 2b (type of use 13 or 14), claimant certifies that a certificate has not been provided to the credit card issuer. See instructions for kerosene used in commercial aviation from March 28, 2020, through December 31, 2020.

1 Nontaxable Use of Gasoline

Note: CRN is credit reference number.

	(a) Type of use	(b) Rate	(c) Gallons	(d) Amount of credit	(e) CRN
a	Off-highway business use	\$.183	17,251	\$ 3,157	362
b	Use on a farm for farming purposes	.183	0		
c	Other nontaxable use (see Caution above line 1)	.183	0		
d	Exported	.184	0	0	411

2 Nontaxable Use of Aviation Gasoline

	(a) Type of use	(b) Rate	(c) Gallons	(d) Amount of credit	(e) CRN
a	Use in commercial aviation (other than foreign trade)	\$.15	0	\$ 0	354
b	Other nontaxable use (see Caution above line 1)	.193	0	0	324
c	Exported	.194	0	0	412
d	LUST tax on aviation fuels used in foreign trade	.001	0	0	433

3 Nontaxable Use of Undyed Diesel Fuel

Claimant certifies that the diesel fuel did not contain visible evidence of dye.

Exception. If any of the diesel fuel included in this claim **did** contain visible evidence of dye, attach an explanation and check here ☐

	(a) Type of use	(b) Rate	(c) Gallons	(d) Amount of credit	(e) CRN
a	Nontaxable use	02	\$.243	308,299	\$ 74,917
b	Use on a farm for farming purposes		.243	0	
c	Use in trains		.243	0	
d	Use in certain intercity and local buses (see Caution above line 1)		.17	0	350
e	Exported		.244	0	413

4 Nontaxable Use of Undyed Kerosene (Other Than Kerosene Used in Aviation)

Claimant certifies that the kerosene did not contain visible evidence of dye.

Exception. If any of the kerosene included in this claim **did** contain visible evidence of dye, attach an explanation and check here ☐

	(a) Type of use	(b) Rate	(c) Gallons	(d) Amount of credit	(e) CRN
a	Nontaxable use taxed at \$.244	\$.243	0	\$ 0	346
b	Use on a farm for farming purposes	.243	0		
c	Use in certain intercity and local buses (see Caution above line 1)	.17	0		
d	Exported	.244	0	0	414
e	Nontaxable use taxed at \$.044	.043	0	0	377
f	Nontaxable use taxed at \$.219	.218	0	0	369

For Paperwork Reduction Act Notice, see the separate instructions.

Form **4136** (2020)

ERF

F0.00.01 US4136P1

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5 Kerosene Used in Aviation (see **Caution** above line 1)

	(a) Type of use	(b) Rate	(c) Gallons	(d) Amount of credit	(e) CRN
a	Kerosene used in commercial aviation (other than foreign trade) taxed at \$.244	\$.200	0	\$ 0	417
b	Kerosene used in commercial aviation (other than foreign trade) taxed at \$.219	.175	0	0	355
c	Nontaxable use (other than use by state or local government) taxed at \$.244	.243	0	0	346
d	Nontaxable use (other than use by state or local government) taxed at \$.219	.218	0	0	369
e	LUST tax on aviation fuels used in foreign trade	.001	0	0	433

6 Sales by Registered Ultimate Vendors of Undyed Diesel Fuel

Registration No. ►

Claimant certifies that it sold the diesel fuel at a tax-excluded price, repaid the amount of tax to the buyer, or has obtained the written consent of the buyer to make the claim. Claimant certifies that the diesel fuel did not contain visible evidence of dye.

Exception. If any of the diesel fuel included in this claim **did** contain visible evidence of dye, attach an explanation and check here ► ☐

	(b) Rate	(c) Gallons	(d) Amount of credit	(e) CRN
a Use by a state or local government	\$.243	0	\$ 0	360
b Use in certain intercity and local buses	.17	0	0	350

7 Sales by Registered Ultimate Vendors of Undyed Kerosene (Other Than Kerosene For Use in Aviation)

Registration No. ►

Claimant certifies that it sold the kerosene at a tax-excluded price, repaid the amount of tax to the buyer, or has obtained the written consent of the buyer to make the claim. Claimant certifies that the kerosene did not contain visible evidence of dye.

Exception. If any of the kerosene included in this claim **did** contain visible evidence of dye, attach an explanation and check here ► ☐

	(b) Rate	(c) Gallons	(d) Amount of credit	(e) CRN
a Use by a state or local government	\$.243	0	\$ 0	346
b Sales from a blocked pump	.243	0		346
c Use in certain intercity and local buses	.17	0		347

8 Sales by Registered Ultimate Vendors of Kerosene For Use in Aviation
(see **Caution** above line 1)

Registration No. ►

Claimant sold the kerosene for use in aviation at a tax-excluded price and has not collected the amount of tax from the buyer, repaid the amount of tax to the buyer, or has obtained the written consent of the buyer to make the claim. See the instructions for additional information to be submitted.

	(a) Type of use	(b) Rate	(c) Gallons	(d) Amount of credit	(e) CRN
a	Use in commercial aviation (other than foreign trade) taxed at \$.219	\$.175	0	\$ 0	355
b	Use in commercial aviation (other than foreign trade) taxed at \$.244	.200	0	0	417
c	Nonexempt use in noncommercial aviation	.025	0	0	418
d	Other nontaxable uses taxed at \$.244	.243	0	0	346
e	Other nontaxable uses taxed at \$.219	.218	0	0	369
f	LUST tax on aviation fuels used in foreign trade	.001	0	0	433

9 Reserved for future use

Registration No. ►

	(b) Rate	(c) Gallons of alcohol	(d) Amount of credit	(e) CRN
a Reserved for future use			\$	
b Reserved for future use				

10 Biodiesel or Renewable Diesel Mixture Credit

Registration No. ►

Biodiesel mixtures. Claimant produced a mixture by mixing biodiesel with diesel fuel. The biodiesel used to produce the mixture met ASTM D6751 and met EPA's registration requirements for fuels and fuel additives. The mixture was sold by the claimant to any person for use as a fuel or was used as a fuel by the claimant. Claimant has attached the Certificate for Biodiesel and, if applicable, the Statement of Biodiesel Reseller. **Renewable diesel mixtures.** Claimant produced a mixture by mixing renewable diesel with liquid fuel (other than renewable diesel). The renewable diesel used to produce the renewable diesel mixture was derived from biomass, met EPA's registration requirements for fuels and fuel additives, and met ASTM D975, D396, or other equivalent standard approved by the IRS. The mixture was sold by the claimant to any person for use as a fuel or was used as a fuel by the claimant. Claimant has attached the Certificate for Biodiesel and, if applicable, Statement of Biodiesel Reseller, both of which have been edited as discussed in the instructions for line 10. See the instructions for line 10 for information about renewable diesel used in aviation.

	(b) Rate	(c) Gallons of biodiesel or renewable diesel	(d) Amount of credit	(e) CRN
a Biodiesel (other than agri-biodiesel) mixtures	\$1.00	44,133	\$ 44,133	388
b Agri-biodiesel mixtures	1.00	0	0	390
c Renewable Diesel mixtures	1.00	0	0	307

11 Nontaxable Use of Alternative Fuel

Caution. There is a reduced credit rate for use in certain intercity and local buses (type of use 5) (see instructions).

	(a) Type of use	(b) Rate	(c) Gallons, or gasoline or diesel gallon equivalents	(d) Amount of credit	(e) CRN
a Liquefied petroleum gas (LPG) (see instructions)		\$.183	0	\$ 0	419
b "P Series" fuels		.183	0	0	420
c Compressed natural gas (CNG) (see instructions)		.183	0	0	421
d Liquefied hydrogen		.183	0	0	422
e Fischer-Tropsch process liquid fuel from coal (including peat)		.243	0	0	423
f Liquid fuel derived from biomass		.243	0	0	424
g Liquefied natural gas (LNG) (see instructions)		.243	0	0	425
h Liquefied gas derived from biomass		.183	0	0	435

12 Alternative Fuel Credit

Registration No. ►

	(b) Rate	(c) Gallons, or gasoline or diesel gallon equivalents	(d) Amount of credit	(e) CRN
a Liquefied petroleum gas (LPG) (see instructions)	\$.50	0	\$ 0	426
b "P Series" fuels	.50	0	0	427
c Compressed natural gas (CNG) (see instructions)	.50	0	0	428
d Liquefied hydrogen	.50	0	0	429
e Fischer-Tropsch process liquid fuel from coal (including peat)	.50	0	0	430
f Liquid fuel derived from biomass	.50	0	0	431
g Liquefied natural gas (LNG) (see instructions)	.50	0	0	432
h Liquefied gas derived from biomass	.50	0	0	436
i Compressed gas derived from biomass	.50	0	0	437

13 Registered Credit Card Issuers

Registration No. ►

	(b) Rate	(c) Gallons	(d) Amount of credit	(e) CRN
a Diesel fuel sold for the exclusive use of a state or local government	\$.243	0	\$ 0	360
b Kerosene sold for the exclusive use of a state or local government	.243	0	0	346
c Kerosene for use in aviation sold for the exclusive use of a state or local government taxed at \$.219	.218	0	0	369

14 Nontaxable Use of a Diesel-Water Fuel Emulsion

Caution. There is a reduced credit rate for use in certain intercity and local buses (type of use 5) (see instructions).

	(a) Type of use	(b) Rate	(c) Gallons	(d) Amount of credit	(e) CRN
a Nontaxable use		\$.197	0	\$ 0	309
b Exported		.198	0	0	306

15 Diesel-Water Fuel Emulsion Blending

Registration No. ►

	(b) Rate	(c) Gallons	(d) Amount of credit	(e) CRN
Blender credit	\$.046	0	\$ 0	310

16 Exported Dyed Fuels and Exported Gasoline Blendstocks

	(b) Rate	(c) Gallons	(d) Amount of credit	(e) CRN
a Exported dyed diesel fuel and exported gasoline blendstocks taxed at \$.001	\$.001	0	\$ 0	415
b Exported dyed kerosene	.001	0	0	416

17 Total income tax credit claimed. Add lines 1 through 16, column (d). Enter here and on Schedule 3 (Form 1040), line 11; Form 1120, Schedule J, line 20b; Form 1120S, line 23c; Form 1041, Schedule G, line 16b; or the proper line of other returns. ►

17 \$ 122,207

Form **4136** (2020)

F0.00.01

US4136P4

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Jan 19 2023

Form **3800**
Department of the Treasury
Internal Revenue Service (99)

General Business Credit

►Go to www.irs.gov/Form3800 for instructions and the latest information.
►You must attach all pages of Form 3800, pages 1, 2, and 3, to your tax return.

Item No. 13(a)(8)
OMB No. 1545-0895

2020

Attachment
Sequence No. **22**

Name(s) shown on return

Duke Energy Carolinas, LLC

Identifying number

56-0205520

Part I Current Year Credit for Credits Not Allowed Against Tentative Minimum Tax (TMT)

(See instructions and complete Part(s) III before Parts I and II.)

1	General business credit from line 2 of all Parts III with box A checked	1	9,960,898
2	Passive activity credits from line 2 of all Parts III with box B checked	2	0
3	Enter the applicable passive activity credits allowed for 2020. See instructions.	3	0
4	Carryforward of general business credit to 2020. Enter the amount from line 2 of Part III with box C checked. See instructions for statement to attach	4	171,108,045
	Check this box if the carryforward was changed or revised from the original reported amount		<input type="checkbox"/>
5	Carryback of general business credit from 2021. Enter the amount from line 2 of Part III with box D checked. See instructions	5	0
6	Add lines 1, 3, 4, and 5	6	181,068,943

Part II Allowable Credit

7	Regular tax before credits: • Individuals. Enter the sum of the amounts from Form 1040, 1040-SR, or 1040-NR, line 16, and Schedule 2 (Form 1040), line 2 • Corporations. Enter the amount from Form 1120, Schedule J, Part I, line 2; or the applicable line of your return • Estates and trusts. Enter the sum of the amounts from Form 1041, Schedule G, lines 1a and 1b; or the amount from the applicable line of your return	7	0
8	Alternative minimum tax: • Individuals. Enter the amount from Form 6251, line 11 • Corporations. Enter - 0- • Estates and trusts. Enter the amount from Schedule I (Form 1041), line 54	8	0
9	Add lines 7 and 8	9	0
10a	Foreign tax credit	10a	0
b	Certain allowable credits (see instructions).	10b	0
c	Add lines 10a and 10b	10c	0
11	Net income tax. Subtract line 10c from line 9. If zero, skip lines 12 through 15 and enter - 0- on line 16	11	0
12	Net regular tax. Subtract line 10c from line 7. If zero or less, enter - 0-	12	0
13	Enter 25% (.25) of the excess, if any, of line 12 over \$25,000. See instructions	13	0
14	Tentative minimum tax: • Individuals. Enter the amount from Form 6251, line 9 • Corporations. Enter - 0- • Estates and trusts. Enter the amount from Schedule I (Form 1041), line 52	14	0
15	Enter the greater of line 13 or line 14	15	0
16	Subtract line 15 from line 11. If zero or less, enter - 0-	16	0
17	Enter the smaller of line 6 or line 16 C corporations: See the line 17 instructions if there has been an ownership change, acquisition, or reorganization.	17	0

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Form **3800** (2020)

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Duke Energy Carolinas, LLC

56-0205520

Form 3800 (2020)

Page **2**

Part II Allowable Credit (continued)

Note. If you are not required to report any amounts on lines 22 or 24 below, skip lines 18 through 25 and enter - 0- on line 26.

18	Multiply line 14 by 75% (0.75) See instructions	18	0
19	Enter the greater of line 13 or line 18	19	0
20	Subtract line 19 from line 11. If zero or less, enter - 0-	20	0
21	Subtract line 17 from line 20. If zero or less, enter - 0-	21	0
22	Combine the amounts from line 3 of all Parts III with box A, C, or D checked	22	0
23	Passive activity credit from line 3 of all Parts III with box B checked	23	0
24	Enter the applicable passive activity credit allowed for 2020. See instructions	24	0
25	Add lines 22 and 24	25	0
26	Empowerment zone and renewal community employment credit allowed. Enter the smaller of line 21 or line 25	26	0
27	Subtract line 13 from line 11. If zero or less, enter - 0-	27	0
28	Add lines 17 and 26	28	0
29	Subtract line 28 from line 27. If zero or less, enter - 0-	29	0
30	Enter the general business credit from line 5 of all Parts III with box A checked	30	30,180,882
31	Reserved	31	
32	Passive activity credits from line 5 of all Parts III with box B checked	32	0
33	Enter the applicable passive activity credits allowed for 2020. See instructions	33	0
34	Carryforward of business credit to 2020. Enter the amount from line 5 of Part III with box C checked and line 6 of Part III with box G checked. See instructions for statement to attach Check this box if the carryforward was changed or revised from the original reported amount	34	61,489,221
35	Carryback of business credit from 2021. Enter the amount from line 5 of Part III with box D checked. See instructions	35	0
36	Add lines 30, 33, 34, and 35	36	91,670,103
37	Enter the smaller of line 29 or line 36	37	0
38	Credit allowed for the current year. Add lines 28 and 37. Report the amount from line 38 (if smaller than the sum of Part I, line 6, and Part II, lines 25 and 36, see instructions) as indicated below or on the applicable line of your return. ● Individuals. Schedule 3 (Form 1040), line 6 ● Corporations. Form 1120, Schedule J, Part I, line 5c ● Estates and trusts. Form 1041, Schedule G, line 2b	38	0

Form **3800** (2020)

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Jan 19 2023

Form 3800 (2020)

Name(s) shown on return

Identifying number

Duke Energy Carolinas, LLC

56-0205520

Part III General Business Credits or Eligible Small Business Credits (see instructions)

Complete a separate Part III for each box checked below. See instructions.

- A** ☒ General Business Credit From a Non-Passive Activity **E** ☐ Reserved
B ☐ General Business Credit From a Passive Activity **F** ☐ Reserved
C ☐ General Business Credit Carryforwards **G** ☐ Eligible Small Business Credit Carryforwards
D ☐ General Business Credit Carrybacks **H** ☐ Reserved

I If you are filing more than one Part III with box A or B checked, complete and attach first an additional Part III combining amounts from all Parts III with box A or B checked. Check here if this is the consolidated Part III ☐

(a) Description of credit	(b) Enter EIN if claiming the credit from a pass-through entity.	(c) Enter the appropriate amount
Note. On any line where the credit is from more than one source, a separate Part III is needed for each pass-through entity.		
1a Investment (Form 3468, Part II only) (attach Form 3468)	1a	0
b Reserved	1b	
c Increasing research activities (Form 6765)	1c	9,927,673
d Low-income housing (Form 8586, Part I only)	1d	0
e Disabled access (Form 8826)*	1e	0
f Renewable electricity, refined coal, and Indian coal production (Form 8835)	1f	0
g Indian employment (Form 8845)	1g	0
h Orphan drug (Form 8820)	1h	0
i New markets (Form 8874)	1i	0
j Small employer pension plan startup costs and auto-enrollment (Form 8881)	1j	0
k Employer-provided child care facilities and services (Form 8882)*	1k	0
l Biodiesel and renewable diesel fuels (attach Form 8864)	1l	0
m Low sulfur diesel fuel production (Form 8896)	1m	0
n Distilled spirits (Form 8906)	1n	0
o Nonconventional source fuel (carryforward only)	1o	
p Energy efficient home (Form 8908)	1p	0
q Energy efficient appliance (carryforward only)	1q	
r Alternative motor vehicle (Form 8910)	1r	0
s Alternative fuel vehicle refueling property (Form 8911)	1s	33,225
t Enhanced oil recovery credit (carryforward only)	1t	0
u Mine rescue team training (Form 8923)	1u	0
v Agricultural chemicals security (carryforward only)	1v	
w Employer differential wage payments (Form 8932)	1w	0
x Carbon oxide sequestration (Form 8933)	1x	0
y Qualified plug-in electric drive motor vehicle (Form 8936)	1y	0
z Qualified plug-in electric vehicle (carryforward only)	1z	
aa Employee retention (Form 5884-A)	1aa	0
bb General credits from an electing large partnership (carryforward only)	1bb	
zz Other. Oil and gas production from marginal wells (Form 8904) and certain other credits (see instructions)	1zz	0
2 Add lines 1a through 1zz and enter here and on the applicable line of Part I	2	9,960,898
3 Enter the amount from Form 8844 here and on the applicable line of Part II	3	0
4a Investment (Form 3468, Part III) (attach Form 3468)	4a	30,180,882
b Work opportunity (Form 5884)	4b	0
c Biofuel producer (Form 6478)	4c	0
d Low-income housing (Form 8586, Part II)	4d	0
e Renewable electricity, refined coal, and Indian coal production (Form 8835)	4e	0
f Employer social security and Medicare taxes paid on certain employee tips (Form 8846)	4f	0
g Qualified railroad track maintenance (Form 8900)	4g	0
h Small employer health insurance premiums (Form 8941)	4h	0
i Increasing research activities (Form 6765)	4i	0
j Employer credit for paid family and medical leave (Form 8994)	4j	0
z Other	4z	0
5 Add lines 4a through 4z and enter here and on the applicable line of Part II	5	30,180,882
6 Add lines 2, 3, and 5 and enter here and on the applicable line of Part II	6	40,141,780

*See instructions for limitation on this credit.

Form 3800 (2020)

Name(s) shown on return

Identifying number

Duke Energy Carolinas, LLC

56-0205520

Part III General Business Credits or Eligible Small Business Credits (see instructions)

Complete a separate Part III for each box checked below. See instructions.

- A** ☐ General Business Credit From a Non-Passive Activity **E** ☐ Reserved
B ☐ General Business Credit From a Passive Activity **F** ☐ Reserved
C ☒ General Business Credit Carryforwards **G** ☐ Eligible Small Business Credit Carryforwards
D ☐ General Business Credit Carrybacks **H** ☐ Reserved

I If you are filing more than one Part III with box A or B checked, complete and attach first an additional Part III combining amounts from all Parts III with box A or B checked. Check here if this is the consolidated Part III ☐

(a) Description of credit		(b) Enter EIN if claiming the credit from a pass-through entity.	(c) Enter the appropriate amount
Note. On any line where the credit is from more than one source, a separate Part III is needed for each pass-through entity.			
1a Investment (Form 3468, Part II only) (attach Form 3468)	1a		125,000,000
b Reserved	1b		
c Increasing research activities (Form 6765)	1c		41,926,303
d Low-income housing (Form 8586, Part I only)	1d		0
e Disabled access (Form 8826)*	1e		0
f Renewable electricity, refined coal, and Indian coal production (Form 8835)	1f		3,038,353
g Indian employment (Form 8845)	1g		0
h Orphan drug (Form 8820)	1h		0
i New markets (Form 8874)	1i		0
j Small employer pension plan startup costs and auto-enrollment (Form 8881)	1j		0
k Employer-provided child care facilities and services (Form 8882)*	1k		0
l Biodiesel and renewable diesel fuels (attach Form 8864)	1l		0
m Low sulfur diesel fuel production (Form 8896)	1m		0
n Distilled spirits (Form 8906)	1n		0
o Nonconventional source fuel (carryforward only)	1o		0
p Energy efficient home (Form 8908)	1p		0
q Energy efficient appliance (carryforward only)	1q		0
r Alternative motor vehicle (Form 8910)	1r		0
s Alternative fuel vehicle refueling property (Form 8911)	1s		75,633
t Enhanced oil recovery credit (carryforward only)	1t		0
u Mine rescue team training (Form 8923)	1u		0
v Agricultural chemicals security (carryforward only)	1v		0
w Employer differential wage payments (Form 8932)	1w		0
x Carbon oxide sequestration (Form 8933)	1x		0
y Qualified plug-in electric drive motor vehicle (Form 8936)	1y		0
z Qualified plug-in electric vehicle (carryforward only)	1z		0
aa Employee retention (Form 5884-A)	1aa		1,067,756
bb General credits from an electing large partnership (carryforward only)	1bb		0
zz Other. Oil and gas production from marginal wells (Form 8904) and certain other credits (see instructions)	1zz		0
2 Add lines 1a through 1zz and enter here and on the applicable line of Part I	2		171,108,045
3 Enter the amount from Form 8844 here and on the applicable line of Part II	3		0
4a Investment (Form 3468, Part III) (attach Form 3468)	4a		61,489,221
b Work opportunity (Form 5884)	4b		0
c Biofuel producer (Form 6478)	4c		0
d Low-income housing (Form 8586, Part II)	4d		0
e Renewable electricity, refined coal, and Indian coal production (Form 8835)	4e		0
f Employer social security and Medicare taxes paid on certain employee tips (Form 8846)	4f		0
g Qualified railroad track maintenance (Form 8900)	4g		0
h Small employer health insurance premiums (Form 8941)	4h		0
i Increasing research activities (Form 6765)	4i		0
j Employer credit for paid family and medical leave (Form 8994)	4j		0
z Other	4z		0
5 Add lines 4a through 4z and enter here and on the applicable line of Part II	5		61,489,221
6 Add lines 2, 3, and 5 and enter here and on the applicable line of Part II	6		232,597,266

*See instructions for limitation on this credit.

Form 3800 (2020)

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Jan 19 2023

**SCHEDULE B
(Form 1120)**

(Rev. December 2018)
Department of the Treasury
Internal Revenue Service

Additional Information for Schedule M-3 Filers

► **Attach to Form 1120.**

► **Go to www.irs.gov/Form1120 for the latest information.**

OMB No. 1545-0123

Name Duke Energy Carolinas, LLC		Employer identification number (EIN) 56-0205520	
1	Do the amounts reported on Schedule M-3 (Form 1120), Part II, line 9 or 10, column (d), reflect allocations to this corporation from a partnership of income, gain, loss, deduction, or credit that are disproportionate to this corporation's capital contribution to the partnership or its ratio for sharing other items of the partnership?	Yes	No
			X
2	At any time during the tax year, did the corporation sell, exchange, or transfer any interest in an intangible asset to a related person as defined in section 267(b)?		X
3	At any time during the tax year, did the corporation acquire any interest in an intangible asset from a related person as defined in section 267(b)?		X
4a	During the tax year, did the corporation enter into a cost-sharing arrangement with any related foreign party on whose behalf the corporation did not file Form 5471, Information Return of U.S. Persons With Respect To Certain Foreign Corporations?		X
b	At any time during the tax year, was the corporation a participant in a cost-sharing arrangement with any related foreign party on whose behalf the corporation did not file Form 5471?		X
5	At any time during the tax year, did the corporation make any change in accounting principle for financial accounting purposes? See instructions for the definition of "change in accounting principle."		X
6	At any time during the tax year, did the corporation make any change in a method of accounting for U.S. income tax purposes?		X
7	At any time during the tax year, did the corporation own any voluntary employees' beneficiary association (VEBA) trusts that were used to hold funds designated for employee benefits?		X
8	At any time during the tax year, did the corporation use an allocation method for indirect costs capitalized to self-constructed assets that varied from its financial method of accounting?		X
9	At any time during the tax year, did the corporation treat for tax purposes indirect costs, as defined in Regulations sections 1.263A-1(e)(3)(ii)(F), (G), and (H), as mixed-service costs, as defined in Regulations section 1.263A-1(e)(4)(ii)(C)?		
10	Did the corporation, under section 118 or 362(c) and the related regulations, take a return filing position characterizing any amount as a contribution to the capital of the corporation during the tax year by any nonshareholders? Amounts so characterized may include, without limitation, incentives, inducements, money, and property.		

For Paperwork Reduction Act Notice, see Instructions for Form 1120.

Schedule B (Form 1120) (Rev. 12-2018)

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**SCHEDULE G
(Form 1120)**

(Rev. December 2011)
Department of the Treasury
Internal Revenue Service

**Information on Certain Persons Owning the
Corporation's Voting Stock**

▶ **Attach to Form 1120.**
▶ **See instructions.**

OMB No. 1545- 0123

Name

Duke Energy Carolinas, LLC

Employer identification number (EIN)

56-0205520

Part I **Certain Entities Owning the Corporation's Voting Stock.** (Form 1120, Schedule K, Question 4a).

Complete columns (i) through (v) below for any foreign or domestic corporation, partnership (including any entity treated as a partnership), trust, or tax-exempt organization that owns directly 20% or more, or owns, directly or indirectly, 50% or more of the total voting power of all classes of the corporation's stock entitled to vote (see instructions).

(i) Name of Entity	(ii) Employer Identification Number (if any)	(iii) Type of Entity	(iv) Country of Organization	(v) Percentage Owned in Voting Stock
DUKE ENERGY CORPORATION	20-2777218	CORPORATION	US	100.000

Part II **Certain Individuals and Estates Owning the Corporation's Voting Stock.** (Form 1120, Schedule K, Question 4b). Complete columns (i) through (iv) below for any individual or estate that owns directly 20% or more, or owns, directly or indirectly, 50% or more of the total voting power of all classes of the corporation's stock entitled to vote (see instructions).

(i) Name of Individual or Estate	(ii) Identifying Number (if any)	(iii) Country of Citizenship (see instructions)	(iv) Percentage Owned in Voting Stock

For Paperwork Reduction Act Notice,
see the Instructions for Form 1120.

Schedule G (Form 1120) (Rev. 12-2011)

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Jan 19 2023

Schedule M-3 (Form 1120) (Rev. 12-2019)

Page **2**

Name of corporation (common parent, if consolidated return)

Employer identification number

Duke Energy Carolinas, LLC

56-0205520

Check applicable box(es): (1) ☐ Consolidated group (2) ☐ Parent corp (3) ☐ Consolidated eliminations (4) ☐ Subsidiary corp (5) ☐ Mixed 1120/L/PC group

Check if a sub-consolidated: (6) ☐ 1120 group (7) ☐ 1120 eliminations

Name of subsidiary (if consolidated return)

Employer identification number

Part II Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return (see instructions)

Income (Loss) Items (Attach statements for lines 1 through 12)	(a) Income (Loss) per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Income (Loss) per Tax Return
1 Income (loss) from equity method foreign corporations	0	0	0	
2 Gross foreign dividends not previously taxed	0	80,427	0	80,427
3 Subpart F, QEF, and similar income inclusions		0	0	0
4 Gross-up for foreign taxes deemed paid		0	0	0
5 Gross foreign distributions previously taxed	0	0	0	
6 Income (loss) from equity method U.S. corporations	122	0	-122	
7 U.S. dividends not eliminated in tax consolidation	0	2,667,236	0	2,667,236
8 Minority interest for includible corporations	0	0	0	
9 Income (loss) from U.S. partnerships	0	0	0	0
10 Income (loss) from foreign partnerships	0	0	0	0
11 Income (loss) from other pass-through entities	0	0	0	0
12 Items relating to reportable transactions	0	0	0	0
13 Interest income (see instructions)	3,730,174	2,034	0	3,732,208
14 Total accrual to cash adjustment	0	0	0	0
15 Hedging transactions	0	0	0	0
16 Mark-to-market income (loss)	0	0	0	0
17 Cost of goods sold (see instructions)	(2,340,069,601)	338,822,452	3,001	(2,001,244,148)
18 Sale versus lease (for sellers and/or lessors)	0	0	0	0
19 Section 481(a) adjustments		0	0	0
20 Unearned/deferred revenue	0	0	0	0
21 Income recognition from long-term contracts	0	0	0	0
22 Original issue discount and other imputed interest	0	0	0	0
23a Income statement gain/loss on sale, exchange, abandonment, worthlessness, or other disposition of assets other than inventory and pass-through entities	24,316	-24,316	0	
b Gross capital gains from Schedule D, excluding amounts from pass-through entities		-728,843	0	-728,843
c Gross capital losses from Schedule D, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses		-1,404,350	0	-1,404,350
d Net gain/loss reported on Form 4797, line 17, excluding amounts from pass-through entities, abandonment losses, and worthless stock losses		-156,314,972	0	-156,314,972
e Abandonment losses		0	0	0
f Worthless stock losses (attach statement)		0	0	0
g Other gain/loss on disposition of assets other than inventory		0	0	0
24 Capital loss limitation and carryforward used		0	0	0
25 Other income (loss) items with differences (attach statement)	7,107,359,382	88,298,259	-54,236,338	7,141,421,303
26 Total income (loss) items. Combine lines 1 through 25	4,771,044,393	271,397,927	-54,233,459	4,988,208,861
27 Total expense/deduction items (from Part III, line 39)	-3,641,811,108	-180,821,696	239,426,281	-3,583,206,523
28 Other items with no differences	-173,524,324			-173,524,324
29a Mixed groups, see instructions. All others, combine lines 26 through 28	955,708,961	90,576,231	185,192,822	1,231,478,014
b PC insurance subgroup reconciliation totals	0	0	0	0
c Life insurance subgroup reconciliation totals	0	0	0	0
30 Reconciliation totals. Combine lines 29a through 29c	955,708,961	90,576,231	185,192,822	1,231,478,014

Note. Line 30, column (a), must equal Part I, line 11, and column (d) must equal Form 1120, page 1, line 28.

Schedule M-3 (Form 1120) (Rev. 12-2019)

Page **3**

Name of corporation (common parent, if consolidated return) Duke Energy Carolinas, LLC	Employer identification number 56-0205520
Check applicable box(es): (1) <input type="checkbox"/> Consolidated group (2) <input type="checkbox"/> Parent corp (3) <input type="checkbox"/> Consolidated eliminations (4) <input type="checkbox"/> Subsidiary corp (5) <input type="checkbox"/> Mixed 1120/L/PC group	
Check if a sub-consolidated: (6) <input type="checkbox"/> 1120 group (7) <input type="checkbox"/> 1120 eliminations	
Name of subsidiary (if consolidated return)	Employer identification number

Part III Reconciliation of Net Income (Loss) per Income Statement of Includible Corporations With Taxable Income per Return- Expense/Deduction Items (see instructions)

Expense/Deduction Items	(a) Expense per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Deduction per Tax Return
1 U.S. current income tax expense	313,791,474	0	-313,791,474	
2 U.S. deferred income tax expense	-173,733,690	0	173,733,690	
3 State and local current income tax expense	34,782,975	0	0	34,782,975
4 State and local deferred income tax expense	-86,498,145	86,498,145	0	
5 Foreign current income tax expense (other than foreign withholding taxes)	0	0	0	0
6 Foreign deferred income tax expense	0	0	0	
7 Foreign withholding taxes	0	0	0	0
8 Interest expense (see instructions)	535,417,370	-4,533,401	0	530,883,969
9 Stock option expense	0	0	0	0
10 Other equity-based compensation	0	0	0	0
11 Meals and entertainment	7,478,031	0	-3,187,656	4,290,375
12 Fines and penalties	0	0	0	0
13 Judgments, damages, awards, and similar costs	0	0	0	0
14 Parachute payments	0	0	0	0
15 Compensation with section 162(m) limitation	0	0	0	0
16 Pension and profit-sharing	-2,877,584	2,877,584	0	0
17 Other post-retirement benefits	-5,755,320	16,100,214	0	10,344,894
18 Deferred compensation	1,345,097	3,482,114	0	4,827,211
19 Charitable contribution of cash and tangible property	1,996,167	-665,250	0	1,330,917
20 Charitable contribution of intangible property	0	0	0	0
21 Charitable contribution limitation/carryforward		0	0	0
22 Domestic production activities deduction (See instr.)		0	0	0
23 Current year acquisition or reorganization investment banking fees	0	0	0	0
24 Current year acquisition or reorganization legal and accounting fees	0	0	0	0
25 Current year acquisition/reorganization other costs	0	0	0	0
26 Amortization/impairment of goodwill	0	0	0	0
27 Amortization of acquisition, reorganization, and start-up costs	0	0	0	0
28 Other amortization or impairment write-offs	475,840,923	-453,532,142	0	22,308,781
29 Reserved				
30 Depletion	0	0	0	0
31 Depreciation	1,258,852,443	-52,630,248	-89,258,534	1,116,963,661
32 Bad debt expense	13,712,955	-1,192,811	0	12,520,144
33 Corporate owned life insurance premiums	-51,732	0	51,732	0
34 Purchase versus lease (for purchasers and/or lessees)	0	0	0	0
35 Research and development costs	0	0	0	0
36 Section 118 exclusion (attach statement)	0	0	0	0
37 Section 162(r)- FDIC premiums paid by certain large financial institutions (see instructions)	0	0	0	0
38 Other expense/deduction items with differences (attach statement) STATEMENT 22	1,267,510,144	584,417,491	-6,974,039	1,844,953,596
39 Total expense/deduction items. Combine lines 1 through 38. Enter here and on Part II, line 27, reporting positive amounts as negative and negative amounts as positive	3,641,811,108	180,821,696	-239,426,281	3,583,206,523

Form **3468**

Department of the Treasury
Internal Revenue Service (99)

Investment Credit

▶ Attach to your tax return.

▶ Go to www.irs.gov/Form3468 for instructions and the latest information.

Item No. 13(a)(8)
OMB No. 1545-0155

2020

Attachment
Sequence No. **174**

Name(s) shown on return

Duke Energy Carolinas, LLC

Identifying number

56-0205520

Part I Information Regarding the Election To Treat the Lessee as the Purchaser of Investment Credit Property

If you are claiming the investment credit as a lessee based on a section 48(d) (as in effect on November 4, 1990) election, provide the following information. If you acquired more than one property as a lessee, attach a statement showing the information below.

- 1 Name of lessor _____
- 2 Address of lessor _____
- 3 Description of property _____
- 4 Amount for which you were treated as having acquired the property, ▶ \$ 0

Part II Qualifying Advanced Coal Project Credit, Qualifying Gasification Project Credit, and Qualifying Advanced Energy Project Credit

5 Qualifying advanced coal project credit (see instructions):			
a	Qualified investment in integrated gasification combined cycle property placed in service during the tax year for projects described in section 48A(d)(3)(B)(i) \$ 0 x 20% (0.20)	5a	0
b	Qualified investment in advanced coal-based generation technology property placed in service during the tax year for projects described in section 48A(d)(3)(B)(ii) \$ 0 x 15% (0.15)	5b	0
c	Qualified investment in advanced coal-based generation technology property placed in service during the tax year for projects described in section 48A(d)(3)(B)(iii) \$ 0 x 30% (0.30)	5c	0
d	Total. Add lines 5a, 5b, and 5c	5d	0
6 Qualifying gasification project credit (see instructions):			
a	Qualified investment in qualified gasification property placed in service during the tax year for which credits were allocated or reallocated after October 3, 2008, and that includes equipment that separates and sequesters at least 75% of the project's carbon dioxide emissions \$ 0 x 30% (0.30)	6a	0
b	Qualified investment in property other than in a above placed in service during the tax year \$ 0 x 20% (0.20)	6b	0
c	Total. Add lines 6a and 6b	6c	0
7 Qualifying advanced energy project credit (see instructions):			
	Qualified investment in advanced energy project property placed in service during the tax year \$ 0 x 30% (0.30)	7	0
8	Reserved for future use	8	
9	Enter the applicable unused investment credit from cooperatives (see instructions)	9	0
10	Add lines 5d, 6c, 7, and 9. Report this amount on Form 3800, Part III, line 1a	10	0

For Paperwork Reduction Act Notice, see separate instructions.

Form **3468** (2020)

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Part III Rehabilitation Credit and Energy Credit			
11 Rehabilitation credit (see instructions for requirements that must be met):			
a Check this box if you are electing under section 47(d)(5) to take your qualified rehabilitation expenditures into account for the tax year in which paid (or, for self-rehabilitated property, when capitalized). See instructions. Note: This election applies to the current tax year and to all later tax years. You may not revoke this election without IRS consent		<input type="checkbox"/>	
b Enter the dates on which the 24- or 60- month measuring period begins and ends			
c Enter the adjusted basis of the building as of the beginning date above (or the first day of your holding period, if later). \$ 0			
d Enter the amount of the qualified rehabilitation expenditures incurred, or treated as incurred, during the period on line 11b above \$ 0 Enter the amount of qualified rehabilitation expenditures and multiply by the percentage shown:			
e Pre- 1936 buildings under the transition rule (see instructions) \$ 0 x 10% (0.10)		11e	0
f Certified historic structures under the transition rule (see instructions) \$ 0 x 20% (0.20)		11f	0
g Certified historic structures with expenditures paid or incurred after 2017 and not under the transition rule (see instructions) \$ 0 x 4% (0.04) Note: This credit is allowed for a 5- year period beginning in the tax year that the qualified rehabilitated building is placed in service. For properties identified on line 11f or 11g, complete lines 11h and 11i.		11g	0
h Enter the assigned NPS project number or the pass-through entity's employer identification number (see instructions)			
i Enter the date that the NPS approved the Request for Certification of Completed Work (see instructions)			
12 Energy credit:			
a Basis of property using geothermal energy placed in service during the tax year (see instructions) \$ 0 x 10% (0.10)		12a	0
b Basis of property using solar illumination or solar energy placed in service during the tax year that is attributable to periods after December 31, 2005, and the construction of which began before 2020 (see instructions). \$ 36,285,715 x 30% (0.30)		12b	10,885,715
c Basis of property using solar illumination or solar energy placed in service during the tax year and construction of which began in 2020 (see instructions). \$ 0 x 26% (0.26)		12c	0
d Basis of property using solar illumination or solar energy placed in service during the tax year and the construction of which began in 2021 (see instructions) \$ x 22% (0.22) Qualified fuel cell property (see instructions):		12d	
e Basis of property placed in service during the tax year that was acquired after December 31, 2005, and before October 4, 2008, and the basis attributable to construction, reconstruction, or erection by the taxpayer after December 31, 2005, and before October 4, 2008 \$ 0 x 30% (0.30)		12e	0
f Applicable kilowatt capacity of property on line 12e (see instructions) 0 x \$1,000		12f	0
g Enter the lesser of line 12e or line 12f		12g	0
h Basis of property placed in service during the tax year that is attributable to periods after October 3, 2008, and the construction of which began before 2020 \$ 0 x 30% (0.30)		12h	0
i Applicable kilowatt capacity of property on line 12h (see instructions) 0 x \$3,000		12i	0
j Enter the lesser of line 12h or line 12i		12j	0
k Basis of property placed in service during the tax year and the construction of which began in 2020 \$ 0 x 26% (0.26)		12k	0
l Applicable kilowatt capacity of property on line 12k (see instructions) 0 x \$3,000		12l	0
m Enter the lesser of line 12k or line 12l		12m	0
n Basis of property placed in service during the tax year and the construction of which began in 2021 \$ x 22% (0.22)		12n	
o Applicable kilowatt capacity of property on line 12n (see instructions) x \$3,000		12o	
p Enter the lesser of line 12n or line 12o Qualified microturbine property (see instructions):		12p	
q Basis of property placed in service during the tax year that was acquired after December 31, 2005, and the basis attributable to construction, reconstruction, or erection by the taxpayer after December 31, 2005 \$ 0 x 10% (0.10)		12q	0
r Kilowatt capacity of property on line 12q 0 x \$200		12r	0
s Enter the lesser of line 12q or line 12r		12s	0

Part III Rehabilitation Credit and Energy Credit (continued)

Combined heat and power system property (see instructions):			
Caution: You can't claim this credit if the electrical capacity of the property is more than 50 megawatts or has a mechanical energy capacity of more than 67,000 horsepower or an equivalent combination of electrical and mechanical energy capabilities.			
t	Basis of property placed in service during the tax year that was acquired after October 3, 2008, and the basis attributable to construction, reconstruction, or erection by the taxpayer after October 3, 2008 \$ 1,854,848 x 10% (0.10)	12t	185,485
u	If the electrical capacity of the property is measured in:		
	• Megawatts, divide 15 by the megawatt capacity. Enter 1.0 if the capacity is 15 megawatts or less.	12u	1.000000
	• Horsepower, divide 20,000 by the horsepower. Enter 1.0 if the capacity is 20,000 horsepower or less		
v	Multiply line 12t by line 12u	12v	185,485
Qualified small wind energy property (see instructions):			
w	Basis of property placed in service during the tax year that was acquired after October 3, 2008, and before January 1, 2009, and the basis attributable to the construction, reconstruction, or erection by the taxpayer after October 3, 2008, and before January 1, 2009 \$ 0 x 30% (0.30)	12w	0
x	Enter the smaller of line 12w or \$4,000	12x	0
y	Basis of property placed in service during the tax year that is attributable to periods after December 31, 2008 and the construction of which began before 2020 \$ 0 x 30% (0.30)	12y	0
z	Basis of property placed in service during the tax year and the construction of which began in 2020 \$ 0 x 26% (0.26)	12z	0
aa	Basis of property placed in service during the tax year and the construction of which began in 2021 \$ x 22% (0.22)	12aa	
Geothermal heat pump systems (see instructions):			
bb	Basis of property placed in service during the tax year that was acquired after October 3, 2008, and the basis attributable to construction, reconstruction, or erection by the taxpayer after October 3, 2008 \$ 0 x 10% (0.10)	12bb	0
Qualified investment credit facility property (see instructions):			
cc	Basis of property the construction of which began before 2021 (other than wind facility property and the construction of which began after 2016) placed in service during the tax year \$ 63,698,940 x 30% (0.30)	12cc	19,109,682
dd	Basis of wind facility property placed in service during the tax year and the construction of which began during 2017 \$ 0 x 24% (0.24)	12dd	0
ee	Basis of wind facility property placed in service during the tax year and the construction of which began during 2018 \$ 0 x 18% (0.18)	12ee	0
ff	Basis of wind facility property placed in service during the tax year and the construction of which began during 2019 \$ 0 x 12% (0.12)	12ff	0
gg	Basis of wind facility property placed in service during the tax year and the construction of which began during 2020 \$ 0 x 18% (0.18)	12gg	0
13	Enter the applicable unused investment credit from cooperatives (see instructions)	13	0
14	Add lines 11e, 11f, 11g, 12a, 12b, 12c, 12d, 12g, 12j, 12m, 12p, 12s, 12v, 12x, 12y, 12z, 12aa, 12bb, 12cc, 12dd, 12ee, 12ff, 12gg, and 13. Report this amount on Form 3800, Part III, line 4a	14	30,180,882

Form 3468 (2020)

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Jan 19 2023

Form

4562

Depreciation and Amortization (Including Information on Listed Property)

► Attach to your tax return.

► Go to www.irs.gov/Form4562 for instructions and the latest information.

2020

Attachment
Sequence No. 179

Department of the Treasury
Internal Revenue Service (99)

Name(s) shown on return

Duke Energy Carolinas, LLC

Business or activity to which this form relates

Electric Utility

Identifying number

56-0205520

Part I Election To Expense Certain Property Under Section 179

Note: If you have any listed property, complete Part V before you complete Part I.

1	Maximum amount (see instructions)	1	1,040,000
2	Total cost of section 179 property placed in service (see instructions)	2	0
3	Threshold cost of section 179 property before reduction in limitation (see instructions)	3	2,590,000
4	Reduction in limitation. Subtract line 3 from line 2. If zero or less, enter -0-	4	0
5	Dollar limitation for tax year. Subtract line 4 from line 1. If zero or less, enter -0-. If married filing separately, see instructions	5	1,040,000
6	(a) Description of property	(b) Cost (business use only)	(c) Elected cost
		0	0
		0	0
7	Listed property. Enter the amount from line 29	7	0
8	Total elected cost of section 179 property. Add amounts in column (c), lines 6 and 7	8	0
9	Tentative deduction. Enter the smaller of line 5 or line 8	9	0
10	Carryover of disallowed deduction from line 13 of your 2019 Form 4562	10	0
11	Business income limitation. Enter the smaller of business income (not less than zero) or line 5. See instructions	11	1,040,000
12	Section 179 expense deduction. Add lines 9 and 10, but don't enter more than line 11	12	0
13	Carryover of disallowed deduction to 2021. Add lines 9 and 10, less line 12	13	0

Note: Don't use Part II or Part III below for listed property. Instead, use Part V.

Part II Special Depreciation Allowance and Other Depreciation (Don't include listed property. See instructions.)

14	Special depreciation allowance for qualified property (other than listed property) placed in service during the tax year. See instructions	14	13,900,881
15	Property subject to section 168(f)(1) election	15	0
16	Other depreciation (including ACRS) Includes Software and R/W	16	13,494,567

Part III MACRS Depreciation (Don't include listed property. See instructions.)

Section A

17	MACRS deductions for assets placed in service in tax years beginning before 2020	17	925,455,397
18	If you are electing to group any assets placed in service during the tax year into one or more general asset accounts, check here		

Section B - Assets Placed in Service During 2020 Tax Year Using the General Depreciation System

(a) Classification of property	(b) Month and year placed in service	(c) Basis for depreciation (business/investment use only - see instructions)	(d) Recovery period	(e) Convention	(f) Method	(g) Depreciation deduction
19a 3- year property		0	6.0			0
b 5- year property		387,550,274	10.0	HY	200 DB	77,510,055
c 7- year property		146,566,212	14.0	HY	200 DB	20,938,009
d 10- year property		38,517,609	20.0	HY	150 DB	2,888,821
e 15- year property		320,114,778	30.0	HY	150 DB	16,032,572
f 20- year property		1,233,887,070	40.0	HY	150 DB	46,270,765
g 25- year property		0	25 yrs.		S/L	0
h Residential rental property		0	27.5 yrs.	MM	S/L	0
		0	27.5 yrs.	MM	S/L	0
i Nonresidential real property	2020	40,214,464	39 yrs.	MM	S/L	472,594
		0	0.0	MM	S/L	0

Section C - Assets Placed in Service During 2020 Tax Year Using the Alternative Depreciation System

20a Class life		0	56.0		S/L	0
b 12- year		0	12 yrs.		S/L	0
c 30- year		0	30 yrs.	MM	S/L	0
d 40- year		0	40 yrs.	MM	S/L	0

Part IV Summary (See instructions.)

21	Listed property. Enter amount from line 28	21	0
22	Total. Add amounts from line 12, lines 14 through 17, lines 19 and 20 in column (g), and line 21. Enter here and on the appropriate lines of your return. Partnerships and S corporations - see instructions	22	1,116,963,661
23	For assets shown above and placed in service during the current year, enter the portion of the basis attributable to section 263A costs	23	2,199,677,623

Part V Listed Property (Include automobiles, certain other vehicles, certain aircraft, and property used for entertainment, recreation, or amusement.)

Note: For any vehicle for which you are using the standard mileage rate or deducting lease expense, complete **only** 24a, 24b, columns (a) through (c) of Section A, all of Section B, and Section C if applicable.

Section A - Depreciation and Other Information (Caution: See the instructions for limits for passenger automobiles.)

24a Do you have evidence to support the business/investment use claimed? <input type="checkbox"/> Yes <input type="checkbox"/> No				24b If "Yes," is the evidence written? <input type="checkbox"/> Yes <input type="checkbox"/> No				
(a) Type of property (list vehicles first)	(b) Date placed in service	(c) Business/investment use percentage	(d) Cost or other basis	(e) Basis for depreciation (business/investment use only)	(f) Recovery period	(g) Method/Convention	(h) Depreciation deduction	(i) Elected section 179 cost
25 Special depreciation allowance for qualified listed property placed in service during the tax year and used more than 50% in a qualified business use. See instructions.							25	0
26 Property used more than 50% in a qualified business use:								
		0.00%	0	0	0.0		0	0
		0.00%	0	0	0.0		0	0
		0.00%	0	0	0.0		0	0
27 Property used 50% or less in a qualified business use:								
		0.00%	0	0	0.0	S/L-	0	
		0.00%	0	0	0.0	S/L-	0	
		0.00%	0	0	0.0	S/L-	0	
28 Add amounts in column (h), lines 25 through 27. Enter here and on line 21, page 1.							28	0
29 Add amounts in column (i), line 26. Enter here and on line 7, page 1.							29	0

Section B - Information on Use of Vehicles

Complete this section for vehicles used by a sole proprietor, partner, or other "more than 5% owner," or related person. If you provided vehicles to your employees, first answer the questions in Section C to see if you meet an exception to completing this section for those vehicles.

	(a) Vehicle 1	(b) Vehicle 2	(c) Vehicle 3	(d) Vehicle 4	(e) Vehicle 5	(f) Vehicle 6
30 Total business/investment miles driven during the year (don't include commuting miles)	0	0	0	0	0	0
31 Total commuting miles driven during the year	0	0	0	0	0	0
32 Total other personal (noncommuting) miles driven	0	0	0	0	0	0
33 Total miles driven during the year. Add lines 30 through 32	0	0	0	0	0	0
34 Was the vehicle available for personal use during off-duty hours?	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No
35 Was the vehicle used primarily by a more than 5% owner or related person?						
36 Is another vehicle available for personal use?						

Section C - Questions for Employers Who Provide Vehicles for Use by Their Employees

Answer these questions to determine if you meet an exception to completing Section B for vehicles used by employees who **aren't** more than 5% owners or related persons. See instructions.

37 Do you maintain a written policy statement that prohibits all personal use of vehicles, including commuting, by your employees?	Yes	No
38 Do you maintain a written policy statement that prohibits personal use of vehicles, except commuting, by your employees? See the instructions for vehicles used by corporate officers, directors, or 1% or more owners		
39 Do you treat all use of vehicles by employees as personal use?		
40 Do you provide more than five vehicles to your employees, obtain information from your employees about the use of the vehicles, and retain the information received?		
41 Do you meet the requirements concerning qualified automobile demonstration use? See instructions.		
Note: If your answer to 37, 38, 39, 40, or 41 is "Yes," don't complete Section B for the covered vehicles.		

Part VI Amortization

(a) Description of costs	(b) Date amortization begins	(c) Amortizable amount	(d) Code section	(e) Amortization period or percentage	(f) Amortization for this year
42 Amortization of costs that begins during your 2020 tax year (see instructions):					
		0			0
Licenses	2020	5,521,001	Sec 197	15	368,085
43 Amortization of costs that began before your 2020 tax year					43 21,940,696
44 Total. Add amounts in column (f). See the instructions for where to report					44 22,308,781

Form **4684**

Department of the Treasury
Internal Revenue Service

Casualties and Thefts

► Go to www.irs.gov/Form4684 for instructions and the latest information.

► Attach to your tax return.

► Use a separate Form 4684 for each casualty or theft.

Item No. 13(a)(8)
OMB No. 1545-0177

2020

Attachment
Sequence No. **26**

Name(s) shown on tax return

Duke Energy Carolinas, LLC

Identifying number

56-0205520

SECTION A—Personal Use Property (Use this section to report casualties and thefts of property **not** used in a trade or business or for income-producing purposes. You must use a separate Form 4684 (through line 12) for each casualty or theft event involving personal use property. **If reporting a qualified disaster loss, see the instructions for special rules that apply before completing this section.**)

If the casualty or theft loss is attributable to a federally declared disaster, check here ☐ and enter the DR- _____
or EM- _____ declaration number assigned by FEMA. (See instructions.)

- 1 Description of properties (show type, location (city, state, and ZIP code), and date acquired for each property). Use a separate line for each property lost or damaged from the same casualty or theft. If you checked the box and entered the FEMA disaster declaration number above, enter the ZIP code for the property most affected on the line for Property A.

	Type of Property	City and State	ZIP Code	Date Acquired
Property A				
Property B				
Property C				
Property D				

		Properties			
		A	B	C	D
2	Cost or other basis of each property				
3	Insurance or other reimbursement (whether or not you filed a claim) (see instructions)				
Note: If line 2 is more than line 3, skip line 4.					
4	Gain from casualty or theft. If line 3 is more than line 2, enter the difference here and skip lines 5 through 9 for that column. See instructions if line 3 includes insurance or other reimbursement you did not claim, or you received payment for your loss in a later tax year				
5	Fair market value before casualty or theft				
6	Fair market value after casualty or theft				
7	Subtract line 6 from line 5				
8	Enter the smaller of line 2 or line 7				
9	Subtract line 3 from line 8. If zero or less, enter -0-				
10	Casualty or theft loss. Add the amounts on line 9 in columns A through D				
11	Enter \$100 (\$500 if qualified disaster loss rules apply; see instructions)				
12	Subtract line 11 from line 10. If zero or less, enter -0-				
Caution: Use only one Form 4684 for lines 13 through 18.					
13	Add the amounts on line 4 of all Forms 4684				
14	Add the amounts on line 12 of all Forms 4684. If you have losses not attributable to a federally declared disaster, see the instructions				
Caution: See instructions before completing line 15.					
15	• If line 13 is more than line 14, enter the difference here and on Schedule D. Do not complete the rest of this section. • If line 13 is equal to line 14, enter -0- here. Do not complete the rest of this section. • If line 13 is less than line 14, and you have no qualified disaster losses subject to the \$500 reduction on line 11 on any Form(s) 4684, enter -0- here and go to line 16. If you have qualified disaster losses subject to the \$500 reduction, subtract line 13 from line 14 and enter the smaller of this difference or the amount on line 12 of the Form(s) 4684 reporting those losses. Enter that result here and on Schedule A (Form 1040), line 16, or Form 1040-NR, Schedule A, line 7. If you claim the standard deduction, also include on Schedule A (Form 1040), line 16, the amount of your standard deduction (see the Instructions for Forms 1040 and 1040-SR). Do not complete the rest of this section if all of your casualty or theft losses are subject to the \$500 reduction.				
16	Add lines 13 and 15. Subtract the result from line 14				
17	Enter 10% of your adjusted gross income from Form 1040, 1040-SR, or 1040-NR, line 11. Estates and trusts, see inst.				
18	Subtract line 17 from line 16. If zero or less, enter -0-. Also, enter the result on Schedule A (Form 1040 or Form 1040-NR, Schedule A, line 6. Estates and trusts, enter the result on the "Other deductions" line of your tax return				

For Paperwork Reduction Act Notice, see instructions.

Form **4684** (2020)

Name(s) shown on tax return. Do not enter name and identifying number if shown on page 1.

Identifying number

Duke Energy Carolinas, LLC

56-0205520

SECTION B—Business and Income-Producing Property

Part I Casualty or Theft Gain or Loss (Use a separate Part I for each casualty or theft.)

19 Description of properties (show type, location, and date acquired for each property). Use a separate line for each property lost or damaged from the same casualty or theft. **See instructions if claiming a loss due to a Ponzi-type investment scheme and Section C is not completed.**

Property **A** Various

Property **B**

Property **C**

Property **D**

	Properties			
	A	B	C	D
20 Cost or adjusted basis of each property	20 0	0	0	0
21 Insurance or other reimbursement (whether or not you filed a claim). See the instructions for line 3. Note: If line 20 is more than line 21, skip line 22.	21 0	0	0	0
22 Gain from casualty or theft. If line 21 is more than line 20, enter the difference here and on line 29 or line 34, column (c), except as provided in the instructions for line 33. Also, skip lines 23 through 27 for that column. See the instructions for line 4 if line 21 includes insurance or other reimbursement you did not claim, or you received payment for your loss in a later tax year.	22 0	0	0	0
23 Fair market value before casualty or theft	23 0	0	0	0
24 Fair market value after casualty or theft	24 0	0	0	0
25 Subtract line 24 from line 23	25 0	0	0	0
26 Enter the smaller of line 20 or line 25	26 0	0	0	0
Note: If the property was totally destroyed by casualty or lost from theft, enter on line 26 the amount from line 20.				
27 Subtract line 21 from line 26. If zero or less, enter -0-	27 0	0	0	0
28 Casualty or theft loss. Add the amounts on line 27. Enter the total here and on line 29 or line 34 (see instructions).	28			0

Part II Summary of Gains and Losses (from separate Parts I)

(a) Identify casualty or theft	(b) Losses from casualties or thefts		(c) Gains from casualties or thefts includible in income
	(i) Trade, business, rental, or royalty property	(ii) Income-producing property	

Casualty or Theft of Property Held One Year or Less

29	() ()	
	(0) ()	0
30 Totals. Add the amounts on line 29	30 (0) ()	0
31 Combine line 30, columns (b)(i) and (c). Enter the net gain or (loss) here and on Form 4797, line 14. If Form 4797 is not otherwise required, see instructions	31	0
32 Enter the amount from line 30, column (b)(ii) here. Individuals, enter the amount from income-producing property on Schedule A (Form 1040 or 1040-SR), line 16, or Form 1040-NR, Schedule A, line 7. (Do not include any loss on property used as an employee.) Estates and trusts, partnerships, and S corporations, see instructions	32	

Casualty or Theft of Property Held More Than One Year

33 Casualty or theft gains from Form 4797, line 32	33	0
34	() ()	
	(0) ()	0
35 Total losses. Add amounts on line 34, columns (b)(i) and (b)(ii)	35 (6,884,782) ()	
36 Total gains. Add lines 33 and 34, column (c)	36	0
37 Add amounts on line 35, columns (b)(i) and (b)(ii)	37	6,884,782
38 If the loss on line 37 is more than the gain on line 36: a Combine line 35, column (b)(i) and line 36, and enter the net gain or (loss) here. Partnerships and S corporations, see the Note below. All others, enter this amount on Form 4797, line 14. If Form 4797 is not otherwise required, see instructions	38a	-6,884,782
b Enter the amount from line 35, column (b)(ii) here. Individuals, enter the amount from income-producing Schedule A (Form 1040), line 16, or Form 1040-NR, Schedule A, line 7. (Do not include any loss on property used as an employee.) Estates and trusts, enter on the "Other deductions" line of your tax return. Partnerships and S corporations, see the Note below	38b	
39 If the loss on line 37 is less than or equal to the gain on line 36, combine lines 36 and 37 and enter here. Partnerships, see the Note below. All others, enter this amount on Form 4797, line 3 Note: Partnerships, enter the amount from line 38a, 38b, or line 39 on Form 1065, Schedule K, line 11. S corporations, enter the amount from line 38a or 38b on Form 1120S, Schedule K, line 10.	39	0

Name(s) shown on tax return

Duke Energy Carolinas, LLC

Identifying number

56-0205520

SECTION C – Theft Loss Deduction for Ponzi-Type Investment Scheme Using the Procedures in Revenue Procedure 2009-20 (Complete this section in lieu of Appendix A in Revenue Procedure 2009-20. See instructions.)

Part I Computation of Deduction

40	Initial investment	40	0	
41	Subsequent investments (see instructions)	41	0	
42	Income reported on your tax returns for tax years prior to the discovery year (see instructions)	42	0	
43	Add lines 40, 41, and 42	43	0	
44	Withdrawals for all years (see instructions)	44	0	
45	Subtract line 44 from line 43. This is your total qualified investment	45	0	
46	Enter 0.95 (95%) if you have no potential third- party recovery. Enter 0.75 (75%) if you have potential third- party recovery	46	0.00	
47	Multiply line 46 by line 45	47		0
48	Actual recovery	48	0	
49	Potential insurance/Securities Investor Protection Corporation (SIPC) recovery	49	0	
50	Add lines 48 and 49. This is your total recovery	50		0
51	Subtract line 50 from line 47. This is your deductible theft loss. Include this amount on line 28 of Section B, Part I. Do not complete lines 19- 27 for this loss. Then complete Section B, Part II	51		0

Part II Required Statements and Declarations (See instructions.)

- I am claiming a theft loss deduction pursuant to Revenue Procedure 2009-20 from a specified fraudulent arrangement conducted by the following individual or entity.
Name of individual or entity _____
Taxpayer identification number (if known) _____
Address _____
- I have written documentation to support the amounts reported in Part I of this Section C.
- I am a qualified investor, as defined in section 4.03 of Revenue Procedure 2009-20.
- If I have determined the amount of my theft loss deduction using 0.95 on line 46 above, I declare that I have not pursued and do not intend to pursue any potential third- party recovery, as that term is defined in section 4.10 of Revenue Procedure 2009-20.
- I agree to comply with the conditions and agreements set forth in Revenue Procedure 2009-20 and this Section C.
- If I have already filed a return or amended return that does not satisfy the conditions in section 6.02 of Revenue Procedure 2009-20, I agree to all adjustments or actions that are necessary to comply with those conditions. The tax year(s) for which I filed the return(s) or amended return(s) and the date(s) on which they were filed are as follows:

Name(s) shown on tax return

Duke Energy Carolinas, LLC

Identifying number

56-0205520

SECTION D – Election To Deduct Federally Declared Disaster Loss in Preceding Tax Year (See instructions.)

Part I Election Statement

By providing all of the information below, the taxpayer elects, under section 165(i) of the Internal Revenue Code, to deduct a loss attributable to a federally declared disaster and that occurred in a federally declared disaster area in the tax year immediately preceding the tax year the loss was sustained.

Attach this Section D to your return or amended return for the tax year immediately preceding the tax year the loss was sustained to claim the disaster loss deduction.

- 52** Provide the name or a description of the federally declared disaster. _____
Hurricane Michael and Hurricane Florence
- 53** Provide the date or dates (mm/dd/yyyy) of the loss or losses attributable to the federally declared disaster. _____
- 54** Specify the address, including the city or town, county or parish, state and ZIP code where the damaged or destroyed property was located at the time of the disaster. See election statement

Part II Revocation of Prior Election

By providing all of the information below, the taxpayer revokes the prior election under section 165(i) of the Internal Revenue Code to deduct a loss attributable to a federally declared disaster and that occurred in a federally declared disaster area in the tax year immediately preceding the tax year the loss was sustained.

Attach this Section D to your amended return for the tax year immediately preceding the tax year the loss was sustained to remove the previous disaster loss deduction.

- 55** Provide the name or a description of the federally declared disaster and the address of the property that was damaged or destroyed and for which the election was claimed. _____
- 56** Specify the date (mm/dd/yyyy) you filed the prior election, which you are now revoking. (See instructions and note that new rules went into effect on October 13, 2016.) _____
- 57** Enclose your payment or otherwise produce evidence for, or explanation of, your arrangements for the repayment of the amount of any credit or refund which you received and which resulted from the prior election (which you are now revoking). _____

Form **4797**
Department of the Treasury
Internal Revenue Service

Sales of Business Property
(Also Involuntary Conversions and Recapture Amounts
Under Sections 179 and 280F(b)(2))

▶ Attach to your tax return.
▶ Go to www.irs.gov/Form4797 for instructions and the latest information.

OMB No. 1545-0184

2020

Attachment
Sequence No. **27**

Name(s) shown on return

Duke Energy Carolinas, LLC

Identifying number

56-0205520

1 Enter the gross proceeds from sales or exchanges reported to you for 2020 on Form(s) 1099-B or 1099-S (or substitute statement) that you are including on line 2, 10, or 20. See instructions **1** 0

Part I Sales or Exchanges of Property Used in a Trade or Business and Involuntary Conversions From Other Than Casualty or Theft- Most Property Held More Than 1 Year (see instructions)

2	(a) Description of property	(b) Date acquired (mo., day, yr.)	(c) Date sold (mo., day, yr.)	(d) Gross sales price	(e) Depreciation allowed or allowable since acquisition	(f) Cost or other basis, plus improvements and expense of sale	(g) Gain or (loss) Subtract (f) from the sum of (d) and (e)
	Various	Various	Various	0	0	0	-146,622
				0	0	0	0
				0	0	0	0
				0	0	0	0
3 Gain, if any, from Form 4684, line 39							3 0
4 Section 1231 gain from installment sales from Form 6252, line 26 or 37							4 0
5 Section 1231 gain or (loss) from like-kind exchanges from Form 8824							5 0
6 Gain, if any, from line 32, from other than casualty or theft							6 0
7 Combine lines 2 through 6. Enter the gain or (loss) here and on the appropriate line as follows:							7 -146,622
Partnerships and S corporations. Report the gain or (loss) following the instructions for Form 1065, Schedule K, line 10, or Form 1120-S, Schedule K, line 9. Skip lines 8, 9, 11, and 12 below.							
Individuals, partners, S corporation shareholders, and all others. If line 7 is zero or a loss, enter the amount from line 7 on line 11 below and skip lines 8 and 9. If line 7 is a gain and you didn't have any prior year section 1231 losses, or they were recaptured in an earlier year, enter the gain from line 7 as a long-term capital gain on the Schedule D filed with your return and skip lines 8, 9, 11, and 12 below.							
8 Nonrecaptured net section 1231 losses from prior years. See instructions							8 0
9 Subtract line 8 from line 7. If zero or less, enter -0-. If line 9 is zero, enter the gain from line 7 on line 12 below. If line 9 is more than zero, enter the amount from line 8 on line 12 below and enter the gain from line 9 as a long-term capital gain on the Schedule D filed with your return. See instructions							9 0

Part II Ordinary Gains and Losses (see instructions)

10 Ordinary gains and losses not included on lines 11 through 16 (include property held 1 year or less):

VARIOUS	VARIOUS	VARIOUS	0	0	0	-149,302,005
			0	0	0	0
			0	0	0	0
			0	0	0	0

11	Loss, if any, from line 7						11 (146,622)
12	Gain, if any, from line 7 or amount from line 8, if applicable						12 0
13	Gain, if any, from line 31						13 18,437
14	Net gain or (loss) from Form 4684, lines 31 and 38a						14 -6,884,782
15	Ordinary gain from installment sales from Form 6252, line 25 or 36						15 0
16	Ordinary gain or (loss) from like-kind exchanges from Form 8824						16 0
17	Combine lines 10 through 16						17 -156,314,972
18	For all except individual returns, enter the amount from line 17 on the appropriate line of your return and skip lines a and b below. For individual returns, complete lines a and b below.						
a	If the loss on line 11 includes a loss from Form 4684, line 35, column (b)(ii), enter that part of the loss here. Enter the loss from income-producing property on Schedule A (Form 1040), line 16. (Do not include any loss on property used as an employee.) Identify as from "Form 4797, line 18a." See instructions						18a
b	Redetermine the gain or (loss) on line 17 excluding the loss, if any, on line 18a. Enter here and on Schedule 1 (Form 1040), Part I, line 4						18b

For Paperwork Reduction Act Notice, see separate instructions.

Form **4797** (2020)

Part III Gain From Disposition of Property Under Sections 1245, 1250, 1252, 1254, and 1255
(see instructions)

19	(a) Description of section 1245, 1250, 1252, 1254, or 1255 property:	(b) Date acquired (mo., day, yr.)	(c) Date sold (mo., day, yr.)
A			
B			
C			
D			

These columns relate to the properties on lines 19A through 19D. ►		Property A	Property B	Property C	Property D
20	Gross sales price (Note: See line 1 before completing.) . . .	20	0	0	0
21	Cost or other basis plus expense of sale	21	0	0	0
22	Depreciation (or depletion) allowed or allowable	22	0	0	0
23	Adjusted basis. Subtract line 22 from line 21.	23	0	0	0
24	Total gain. Subtract line 23 from line 20	24	0	0	0
25 If section 1245 property:					
a	Depreciation allowed or allowable from line 22	25a	0	0	0
b	Enter the smaller of line 24 or 25a	25b	0	0	0
26 If section 1250 property: If straight line depreciation was used, enter - 0- on line 26g, except for a corporation subject to section 291.					
a	Additional depreciation after 1975. See instructions	26a	0	0	0
b	Applicable percentage multiplied by the smaller of line 24 or line 26a. See instructions	26b	0	0	0
c	Subtract line 26a from line 24. If residential rental property or line 24 is not more than line 26a, skip lines 26d and 26e	26c	0	0	0
d	Additional depreciation after 1969 and before 1976	26d	0	0	0
e	Enter the smaller of line 26c or 26d	26e	0	0	0
f	Section 291 amount (corporations only)	26f	0	0	0
g	Add lines 26b, 26e, and 26f	26g	0	0	0
27 If section 1252 property: Skip this section if you didn't dispose of farmland or if this form is being completed for a partnership.					
a	Soil, water, and land clearing expenses	27a	0	0	0
b	Line 27a multiplied by applicable percentage. See instructions	27b	0	0	0
c	Enter the smaller of line 24 or 27b	27c	0	0	0
28 If section 1254 property:					
a	Intangible drilling and development costs, expenditures for development of mines and other natural deposits, mining exploration costs, and depletion. See instructions	28a	0	0	0
b	Enter the smaller of line 24 or 28a	28b	0	0	0
29 If section 1255 property:					
a	Applicable percentage of payments excluded from income under section 126. See instructions	29a	0	0	0
b	Enter the smaller of line 24 or 29a. See instructions.	29b	0	0	0

Summary of Part III Gains. Complete property columns A through D through line 29b before going to line 30.

30	Total gains for all properties. Add property columns A through D, line 24	30	0
31	Add property columns A through D, lines 25b, 26g, 27c, 28b, and 29b. Enter here and on line 13	31	18,437
32	Subtract line 31 from line 30. Enter the portion from casualty or theft on Form 4684, line 33. Enter the portion from other than casualty or theft on Form 4797, line 6.	32	0

Part IV Recapture Amounts Under Sections 179 and 280F(b)(2) When Business Use Drops to 50% or Less
(see instructions)

	(a) Section 179	(b) Section 280F(b)(2)
33 Section 179 expense deduction or depreciation allowable in prior years	33	0
34 Recomputed depreciation. See instructions	34	0
35 Recapture amount. Subtract line 34 from line 33. See the instructions for where to report	35	0

Form **6765**
(Rev. December 2020)
Department of the Treasury
Internal Revenue Service

Credit for Increasing Research Activities

OMB No. 1545-0619

▶ **Attach to your tax return.**
▶ **Go to www.irs.gov/Form6765 for instructions and the latest information.**

Attachment
Sequence No. **676**

Name(s) shown on return

Duke Energy Carolinas, LLC

Identifying number
56-0205520

Section A—Regular Credit. Skip this section and go to Section B if you are electing or previously elected (and are not revoking) the alternative simplified credit.

1	Certain amounts paid or incurred to energy consortia (see instructions)	1	21,969,726
2	Basic research payments to qualified organizations (see instructions)	2	0
3	Qualified organization base period amount	3	0
4	Subtract line 3 from line 2. If zero or less, enter -0-	4	0
5	Wages for qualified services (do not include wages used in figuring the work opportunity credit)	5	32,867,764
6	Cost of supplies	6	4,680,106
7	Rental or lease costs of computers (see instructions)	7	74,651
8	Enter the applicable percentage of contract research expenses. See instructions	8	44,104,777
9	Total qualified research expenses. Add lines 5 through 8	9	81,727,298
10	Enter fixed-base percentage, but not more than 16% (0.16) (see instructions)	10	0.3400 %
11	Enter average annual gross receipts. See instructions	11	12,000,000,000
12	Multiply line 11 by the percentage on line 10	12	40,800,000
13	Subtract line 12 from line 9. If zero or less, enter -0-	13	40,927,298
14	Multiply line 9 by 50% (0.50)	14	40,863,649
15	Enter the smaller of line 13 or line 14	15	40,863,649
16	Add lines 1, 4, and 15	16	62,833,375
17	Are you electing the reduced credit under section 280C? ▶ Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If "Yes," multiply line 16 by 15.8% (0.158). If "No," multiply line 16 by 20% (0.20) and see the instructions for the statement that must be attached. Members of controlled groups or businesses under common control, see instructions for the statement that must be attached	17	9,927,673

Section B—Alternative Simplified Credit. Skip this section if you are completing Section A.

18	Certain amounts paid or incurred to energy consortia (see the line 1 instructions)	18	0
19	Basic research payments to qualified organizations (see the line 2 instructions)	19	0
20	Qualified organization base period amount (see the line 3 instructions)	20	0
21	Subtract line 20 from line 19. If zero or less, enter -0-	21	0
22	Add lines 18 and 21	22	0
23	Multiply line 22 by 20% (0.20)	23	0
24	Wages for qualified services (do not include wages used in figuring the work opportunity credit)	24	0
25	Cost of supplies	25	0
26	Rental or lease costs of computers (see the line 7 instructions)	26	0
27	Enter the applicable percentage of contract research expenses. See the line 8 instructions	27	0
28	Total qualified research expenses. Add lines 24 through 27	28	0
29	Enter your total qualified research expenses for the prior 3 tax years. If you had no qualified research expenses in any one of those years, skip lines 30 and 31	29	0
30	Divide line 29 by 6.0	30	0
31	Subtract line 30 from line 28. If zero or less, enter -0-	31	0
32	Multiply line 31 by 14% (0.14). If you skipped lines 30 and 31, multiply line 28 by 6% (0.06)	32	0
33	Add lines 23 and 32	33	0
34	Are you electing the reduced credit under section 280C? ▶ Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If "Yes," multiply line 33 by 79% (0.79). If "No," enter the amount from line 33 and see the line 17 instructions for the statement that must be attached. Members of controlled groups or businesses under common control, see instructions for the statement that must be attached,	34	0

For Paperwork Reduction Act Notice, see separate instructions.

Form **6765** (Rev. 12-2020)

Section C - Current Year Credit

35	Enter the portion of the credit from Form 8932, line 2, that is attributable to wages that were also used to figure the credit on line 17 or line 34 (whichever applies)	35	0
36	Subtract line 35 from line 17 or line 34 (whichever applies). If zero or less, enter - 0-	36	9,927,673
37	Credit for increasing research activities from partnerships, S corporations, estates, and trusts	37	0
38	Add lines 36 and 37 • Estates and trusts, go to line 39. • Partnerships and S corporations not electing the payroll tax credit, stop here and report this amount on Schedule K. • Partnerships and S corporations electing the payroll tax credit, complete Section D and report on Schedule K the amount on this line reduced by the amount on line 44. • Eligible small businesses, stop here and report the credit on Form 3800, Part III, line 4i. See instructions for the definition of eligible small business. • Filers other than eligible small businesses, stop here and report the credit on Form 3800, Part III, line 1c. Note: Qualified small business filers, other than partnerships and S corporations, electing the payroll tax credit must complete Form 3800 before completing Section D.	38	9,927,673
39	Amount allocated to beneficiaries of the estate or trust (see instructions)	39	
40	Estates and trusts, subtract line 39 from line 38. For eligible small businesses, report the credit on Form 3800, Part III, line 4i. See instructions. For filers other than eligible small businesses, report the credit on Form 3800, Part III, line 1c	40	

Section D - Qualified Small Business Payroll Tax Election and Payroll Tax Credit. Skip this section if the payroll tax election does not apply. See instructions.

41	Check this box if you are a qualified small business electing the payroll tax credit. See instructions <input type="checkbox"/>		
42	Enter the portion of line 36 elected as a payroll tax credit (do not enter more than \$250,000). See instructions	42	0
43	General business credit carryforward from the current year (see instructions). Partnerships and S corporations, skip this line and go to line 44	43	0
44	Partnerships and S corporations, enter the smaller of line 36 or line 42. All others, enter the smallest of line 36, line 42, or line 43. Enter here and on the applicable line of Form 8974, Part 1, column (e). Members of controlled groups or businesses under common control, see instructions for the statement that must be attached	44	0

Form **8911**
(Rev. February 2021)
Department of the Treasury
Internal Revenue Service

Alternative Fuel Vehicle Refueling Property Credit

► Attach to your tax return.

► Go to www.irs.gov/Form8911 for instructions and the latest information.

OMB No. 1545-0123

Attachment
Sequence No. **151**

Name(s) shown on return

Duke Energy Carolinas, LLC

Identifying number

56-0205520

Part I Total Cost of Refueling Property

1	Total cost of qualified alternative fuel vehicle refueling property placed in service during the tax year (see Whats New in the instructions)	1	110,750
---	--	---	---------

Part II Credit for Business/Investment Use Part of Refueling Property

2	Business/investment use part (see instructions)	2	110,750
3	Section 179 expense deduction (see instructions)	3	0
4	Subtract line 3 from line 2	4	110,750
5	Multiply line 4 by 30% (0.30)	5	33,225
6	Maximum business/investment use part of credit (see instructions)	6	33,225
7	Enter the smaller of line 5 or line 6	7	33,225
8	Alternative fuel vehicle refueling property credit from partnerships and S corporations (see instructions)	8	0
9	Business/investment use part of credit. Add lines 7 and 8. Partnerships and S corporations, stop here and report this amount on Schedule K. All others, report this amount on Form 3800, Part III, line 1s	9	33,225

Part III Credit for Personal Use Part of Refueling Property

10	Subtract line 2 from line 1. If zero, stop here; do not file this form unless you are claiming a credit on line 9	10	
11	Multiply line 10 by 30% (0.30)	11	
12	Maximum personal use part of credit (see instructions)	12	
13	Enter the smaller of line 11 or line 12	13	
14	Regular tax before credits: • Individuals. Enter the sum of the amounts from Form 1040, 1040-SR, or 1040-NR, line 16, and Schedule 2 (Form 1040), line 2. • Other filers. Enter the regular tax before credits from your return. }	14	
15	Credits that reduce regular tax before the alternative fuel vehicle refueling property credit: a Foreign tax credit b Certain allowable credits (see instructions) c Add lines 15a and 15b	15a 15b 15c	
16	Net regular tax. Subtract line 15c from line 14. If zero or less, enter -0- and stop here; do not file this form unless you are claiming a credit on line 9	16	
17	Tentative minimum tax (see instructions): • Individuals. Enter the amount from Form 6251, line 9. • Other filers. Enter the tentative minimum tax from your alternative minimum tax form or schedule. }	17	
18	Subtract line 17 from line 16. If zero or less, stop here; do not file this form unless you are claiming a credit on line 9	18	
19	Personal use part of credit. Enter the smaller of line 13 or line 18 here and on Schedule 3 (Form 1040), line 6; or the appropriate line of your return. If line 18 is smaller than line 13, see instructions	19	

For Paperwork Reduction Act Notice, see separate instructions.

Form **8911** (Rev. 2-2021)

ERF

Form **8916-A**

(Rev. November 2019)

Department of the Treasury
Internal Revenue Service

Supplemental Attachment to Schedule M-3

► Attach to Schedule M-3 for Form 1065, 1120, 1120-L, 1120-PC, or 1120S.

► Go to www.irs.gov/Form1120 for the latest information.

OMB No. 1545-0123

Name of common parent

Duke Energy Carolinas, LLC

Employer identification number

56-0205520

Name of subsidiary

Employer identification number

Part I Cost of Goods Sold

Cost of Goods Sold Items	(a) Expense per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Deduction per Tax Return
1 Amounts attributable to cost flow assumptions	0	0	0	0
2 Amounts attributable to:				
a Stock option expense	0	0	0	0
b Other equity-based compensation	0	0	0	0
c Meals and entertainment	0	0	0	0
d Parachute payments	0	0	0	0
e Compensation with section 162(m) limitation	0	0	0	0
f Pension and profit sharing	0	0	0	0
g Other post-retirement benefits	0	0	0	0
h Deferred compensation	0	0	0	0
i Reserved				
j Amortization	-3,001	0	3,001	0
k Depletion	0	0	0	0
l Depreciation	0	0	0	0
m Corporate-owned life insurance premiums	0	0	0	0
n Other section 263A costs	0	0	0	0
3 Inventory shrinkage accruals	0	0	0	0
4 Excess inventory and obsolescence reserves	0	0	0	0
5 Lower of cost or market write-downs	0	0	0	0
6 Other items with differences (attach statement) ^{STMT 23}	-2,202,004,248	338,822,452	0	-1,863,181,796
7 Other items with no differences	-138,062,352			-138,062,352
8 Total cost of goods sold. Add lines 1 through 7 in columns a, b, c, and d. Enter totals on the applicable Schedule M-3. See instructions	-2,340,069,601	338,822,452	3,001	-2,001,244,148

For Paperwork Reduction Act Notice, see instructions.

ERF

Form **8916-A** (Rev. 11-2019)

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Part II Interest Income

	Interest Income Item	(a) Income (Loss) per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Income (Loss) per Tax Return
1	Tax-exempt interest income	0	0	0	
2	Interest income from hybrid securities	0	0	0	0
3	Sale/lease interest income	0	0	0	0
4a	Intercompany interest income - From outside tax affiliated group	0	0	0	0
4b	Intercompany interest income - From tax affiliated group	2,719,353	0	0	2,719,353
5	Other interest income	1,010,821	2,034	0	1,012,855
6	Total interest income. Add lines 1 through 5 in columns a, b, c, and d. Enter total on the applicable Schedule M-3. See instructions.	3,730,174	2,034	0	3,732,208

Part III Interest Expense

	Interest Expense Item	(a) Expense per Income Statement	(b) Temporary Difference	(c) Permanent Difference	(d) Deduction per Tax Return
1	Interest expense from hybrid securities	0	0	0	0
2	Lease/purchase interest expense	0	0	0	0
3a	Intercompany interest expense - Paid to outside tax affiliated group	0	0	0	0
3b	Intercompany interest expense - Paid to tax affiliated group	25,900,293	0	0	25,900,293
4	Other interest expense	509,517,077	-4,533,401	0	504,983,676
5	Total interest expense. Add lines 1 through 4 in columns a, b, c, and d. Enter total on the applicable Schedule M-3. See instructions.	535,417,370	-4,533,401	0	530,883,969

Form **8916-A** (Rev. 11-2019)

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 1 - FORM 1120, PG 1, LN 10
OTHER INCOME

LINE 10: OTHER INCOME

MISCELLANEOUS OTHER INCOME

44,686,291

15-Sep-2021 13:04:49

2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 2 - FORM 1120, PG 1, LN 17
TAXES

LINE 17: TAXES

PROPERTY TAXES	223,164,407
STATE TAXES BASED ON INC - CURRENT	34,782,975
FRANCHISE TAX	34,569,497
PAYROLL TAXES	3,132,636
MISCELLANEOUS OTHER TAXES	6,532,480
TOTAL	302,181,995

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 3 - FORM 1120, PG 1, LN 26

OTHER DEDUCTIONS

LINE 26: OTHER DEDUCTIONS

EDIT LIABILITY REFUND	13,141,675
GENERAL AND ADMIN EXPENSES	57,603,289
OFFICE SUPPLIES	66,076,312
Interco G&A Expenses	33,305,474
MEALS & ENTERTAINMENT	4,290,375
EXP REG DEF FOR BK NOT TAX	22,929,685
INJURIES AND DAMAGES	16,410,882
INSURANCE - OTHER	13,849,326
SELF DEVELOPED SOFTWARE	67,803,843
MISCELLANEOUS DEDUCTIONS	22,684,032
RESEARCH & DEVELOPMENT	2,577,428
CIVIC & POLITICAL	3,295,800
ENVIRONMENTAL CLEANUP EXPENSE	88,460,686
OUTSIDE SERVICES	60,346,009
SECTION 174 R&E DEDUCTION	30,130,644
OTHER AMORTIZATION - PRIOR YEAR	21,940,696
OTHER AMORTIZATION - CURRENT YEAR	368,085
TOTAL	525,214,241

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 4 - FORM 1120, PG 6, SCH L, LN 6, BEG
OTHER CURRENT ASSETS - BEGINNING

LINE 6: OTHER CURRENT ASSETS	
REGULATORY ASSET	392,488,869
REGULATORY ASSET - RECEIVABLE	157,162,830
OTHER CURRENT ASSETS	545,730
OTHER PREPAID EXPENSES	16,637,926
STATE INCOME TAX RECEIVABLE	4,544,299
TOTAL	571,379,654

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 5 - FORM 1120, PG 6, SCH L, LN 9, BEG
OTHER INVESTMENTS - BEGINNING

LINE 9: OTHER INVESTMENTS	
INVESTMENTS IN SUBSIDIARIES	13,114,070
DECOMMISSIONING TRUST FUNDS	4,358,653,889
TOTAL	4,371,767,959

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC

56-0205520

Year: 2020

STATEMENT 6 - FORM 1120, PG 6, SCH L, LN 14, BEG

OTHER ASSETS - BEGINNING

LINE 14: OTHER ASSETS

Oper Lease Right of Use Asset	123,373,974
CLEARING - OTHER	(30,969)
NON-AMORTIZABLE INTANGIBLE ASSETS	53,701,571
DEFERRED CHARGES	28,208,885
RETIREMENT PLAN PREFUNDING	340,030,181
L.T. Tax Receivable	2,587,106
UNAMORTIZED DEBT EXPENSES	3,740,963
UNAMORT LOSS ON REACQUIRED DEBT	44,748,823
OTHER ASSETS	720,551,643
REGULATORY ASSET	1,269,182,182
Regulatory Asset - Pension	476,436,306
OTHER DEFERRED DEBITS - ARO	1,569,466,409
TOTAL	4,631,997,074

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 7 - FORM 1120, PG 6, SCH L, LN 18, BEG
OTHER CURRENT LIABILITIES - BEGINNING

LINE 18: OTHER CURRENT LIABILITIES	
OTHER CURRENT LIABILITIES	146,360,510
OTHER CURRENT LIAB - PENSION	4,992,100
ASSET RETIREMENT OLIG - CURRENT LIAB	205,973,811
COLLATERAL LIABILITIES	132,101,362
ACCRUED PAYROLL	271,370,459
MARK TO MARKET - CURRENT	39,209,587
FEDERAL INCOME TAX PAYABLE	9,706,678
STATE INCOME TAX PAYABLE	4
SALES TAX PAYABLE	11,979,754
ACCRUED PAYROLL TAXES	6,895,948
ACCRUED PROPERTY TAX	10,470,189
TAXES - OTHER	6,828,016
ACCRUED INTEREST	115,047,741
ST CAP LEASE OBLIG	5,145,168
ACCRUED I/C INTEREST	17,486
ACCRUED LIABILITIES	539,427
ACCRUED SEVERANCE	12,064,751
CUSTOMER DEPOSITS	3,630,735
OTHER REGULATORY LIABILITY	249,342,596
TOTAL	1,231,676,322

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 8 - FORM 1120, PG 6, SCH L, LN 21, BEG
OTHER LIABILITIES - BEGINNING

LINE 21: OTHER LIABILITIES		
ARO - Regulatory Liability		3,036,059,452
Deferred Investment Tax Credits		231,070,486
Oper Lease Liabilities		102,464,397
FED DEFERRED INC TAXES - NONCURRENT		8,116,736
ACCRUED DEFERRED INCOME TAXES		3,913,311,417
MARK TO MARKET - NONCURRENT		9,838,275
Other Def. Credits - Pension		83,956,934
OTHER DEF CREDITS - ARO		5,528,259,757
OTHER DEFERRED CREDITS		48,959,413
DEF. CREDIT - PENSION		38,733,167
OTHER LIABILITIES		949,105
RESERVE - INJURIES & DAMAGE		566,243,808
PROPERTY INSURANCE RSVE NUCLEAR		121,296,064
REGULATORY TAX LIABILITY		2,874,223,301
DEFERRED COMPENSATION		352,773,944
TOTAL		16,916,256,256

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 9 - FORM 1120, PG 6, SCH L, LN 24, BEG
RETAINED EARNINGS-APPROPRIATED - BEGINNING

LINE 24: RETAINED EARNINGS-APPROPRIATED	
RETAINED EARNINGS-APPROPRIATED	135,851,146

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 10 - FORM 1120, PG 6, SCH L, LN 26, BEG
ADJUSTMENTS TO SHAREHOLDERS' EQUITY - BEGINNING

LINE 26: ADJUSTMENTS TO SHAREHOLDERS' EQUITY

OTHER COMPREHENSIVE INCOME

(7,286,843)

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 11 - FORM 1120, PG 6, SCH L, LN 6, END
OTHER CURRENT ASSETS - ENDING

LINE 6: OTHER CURRENT ASSETS - ENDING	
REGULATORY ASSET	437,144,388
REGULATORY ASSET - RECEIVABLE	35,665,386
OTHER CURRENT ASSETS	913,502
OTHER PREPAID EXPENSES	7,395,617
MARK TO MARKET - CURRENT	12,001,435
TOTAL	493,120,328

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 12 - FORM 1120, PG 6, SCH L, LN 9, END
OTHER INVESTMENTS - ENDING

LINE 9: OTHER INVESTMENTS	
INVESTMENTS IN SUBSIDIARIES	13,114,192
DECOMMISSIONING TRUST FUNDS	4,977,010,743
TOTAL	4,990,124,935

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 13 - FORM 1120, PG 6, SCH L, LN 14, END
OTHER ASSETS - ENDING

LINE 14: OTHER ASSETS		
Oper Lease Right of Use Asset		109,921,902
CLEARING - OTHER		(3,246)
NON-AMORTIZABLE INTANGIBLE ASSETS		65,192,530
DEFERRED CHARGES		38,694,466
RETIREMENT PLAN PREFUNDING		393,097,971
L.T. Tax Receivable		2,587,106
MARK TO MARKET - NONCURRENT		5,258,252
UNAMORTIZED DEBT EXPENSES		3,797,067
UNAMORT LOSS ON REACQUIRED DEBT		41,138,005
OTHER ASSETS		678,417,422
REGULATORY ASSET		1,239,056,024
Regulatory Asset - Pension		426,934,956
OTHER DEFERRED DEBITS - ARO		1,288,062,078
TOTAL		4,292,154,533

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 14 - FORM 1120, PG 6, SCH L, LN 18, END
OTHER CURRENT LIABILITIES - ENDING

LINE 18: OTHER CURRENT LIABILITIES	
OTHER CURRENT LIABILITIES	177,971,591
OTHER CURRENT LIAB - PENSION	4,722,124
ASSET RETIREMENT OLIG - CURRENT LIAB	264,009,114
COLLATERAL LIABILITIES	126,762,366
ACCRUED PAYROLL	212,669,403
MARK TO MARKET - CURRENT	15,902,193
FEDERAL INCOME TAX PAYABLE	29,740,590
STATE INCOME TAX PAYABLE	788,135
SALES TAX PAYABLE	11,011,838
ACCRUED PAYROLL TAXES	25,089,875
ACCRUED PROPERTY TAX	(2,097,429)
TAXES - OTHER	11,518,190
ACCRUED INTEREST	116,973,757
ST CAP LEASE OBLIG	5,249,307
ACCRUED I/C INTEREST	5,812
ACCRUED LIABILITIES	549,051
ACCRUED SEVERANCE	4,126,770
CUSTOMER DEPOSITS	2,612,725
OTHER REGULATORY LIABILITY	460,099,041
TOTAL	1,467,704,453

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 15 - FORM 1120, PG 6, SCH L, LN 21, END
OTHER LIABILITIES - ENDING

LINE 21: OTHER LIABILITIES		
ARO - Regulatory Liability		3,487,305,489
Deferred Investment Tax Credits		235,970,195
Oper Lease Liabilities		96,849,708
LT Capital Lease Obligation		(47,735)
FED DEFERRED INC TAXES - NONCURRENT		10,026,831
ACCRUED DEFERRED INCOME TAXES		3,831,659,633
MARK TO MARKET - NONCURRENT		1,418,372
Other Def. Credits - Pension		73,197,728
OTHER DEF CREDITS - ARO		5,086,491,003
OTHER DEFERRED CREDITS		70,474,696
DEF. CREDIT - PENSION		32,198,417
OTHER LIABILITIES		18,904,700
RESERVE - INJURIES & DAMAGE		535,011,909
PROPERTY INSURANCE RSVE NUCLEAR		128,573,618
REGULATORY TAX LIABILITY		2,536,006,437
DEFERRED COMPENSATION		350,427,164
TOTAL		16,494,468,165

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 16 - FORM 1120, PG 6, SCH L, LN 24, END
RETAINED EARNINGS-APPROPRIATED - ENDING

LINE 24: RETAINED EARNINGS-APPROPRIATED

RETAINED EARNINGS-APPROPRIATED

148,029,446

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 17 - FORM 1120, PG 6, SCH L, LN 26, END
ADJUSTMENTS TO SHAREHOLDERS' EQUITY - ENDING

LINE 26: ADJUSTMENTS TO SHAREHOLDERS' EQUITY

OTHER COMPREHENSIVE INCOME

(6,871,198)

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 18 - FORM 1120, SCH M-2, LN 6
OTHER DECREASES

LINE 6: OTHER DECREASES

OTHER DECREASES

24,442,259

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 19 - FORM 1125-A, LINE 5
OTHER COSTS

LINE 5: OTHER COSTS	
COGS: OPERATING EXPENSE	692,062,899
Intercompany Operating Expenses	1,639,255
TRANSMISSION EXPENSES	20,239,975
DISTRIBUTION EXPENSES	84,953,790
FUEL COSTS	896,081,574
Intercompany COGS - Fuel	2,043,686
TOTAL	1,697,021,179

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

	COLUMN A INCOME (LOSS) PER INCOME STATEMENT	COLUMN B TEMPORARY DIFFERENCE	COLUMN C PERMANENT DIFFERENCE	COLUMN D INCOME (LOSS) PER TAX RETURN
STMT 20 - SCH M-3, PART II, LINE 25				
LINE 25: OTHER INCOME (LOSS) ITEMS WITH DIFFERENCES				
GROSS SALES	6,984,143,836	112,591,176		7,096,735,012
MISCELLANEOUS OTHER INCOME	60,878,512	(24,292,917)	8,100,696	44,686,291
AFUDC EQUITY	62,337,034		(62,337,034)	
TOTAL	7,107,359,382	88,298,259	(54,236,338)	7,141,421,303

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 21 - SCH M-3, PART II, LINE 28

LINE 28: OTHER INC (LOSS) EXP ITEMS WITH NO DIFF

Intercompany Electric Revenue	38,190,476
PROVISION FOR ELECTIC REFUNDS	3,118,176
OTHER RENTAL INCOME	1,431,448
INTERCO RENTAL INCOME	17,947
FRANCHISE TAX	(34,569,497)
ADVERTISING	(6,265,976)
EDIT LIABILITY REFUND	(13,141,675)
OFFICE SUPPLIES	(66,076,312)
Interco G&A Expenses	(33,305,474)
RESEARCH & DEVELOPMENT	(2,577,428)
OUTSIDE SERVICES	(60,346,009)
TOTAL	(173,524,324)

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2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

	COLUMN A EXPENSE PER INCOME STATEMENT	COLUMN B TEMPORARY DIFFERENCE	COLUMN C PERMANENT DIFFERENCE	COLUMN D DEDUCTION PER TAX RETURN
STATEMENT 22 - SCH M-3, PART III, LINE 38				
LINE 38: OTHER EXPENSE/DED ITEMS WITH DIFFERENCES				
SALARIES & WAGES	23,204,577	121,564,577		144,769,154
EQUIPMENT REPAIRS	590,533,356	470,178,056		1,060,711,412
RENTS	31,658,894	(12,149,220)		19,509,674
PROPERTY TAXES	226,495,468	(3,331,061)		223,164,407
PAYROLL TAXES	45,350,657	(42,218,021)		3,132,636
FUEL TAX - FEDERAL AND STATE	122,207		(122,207)	
MISCELLANEOUS OTHER TAXES	6,320,200	212,280		6,532,480
EMPLOYEE BENEFIT PROGRAMS	76,724,084	(26,688,659)		50,035,425
FAS 112 POST EMPLOYMENT BENEFITS	9,312,415	(2,920,040)		6,392,375
401(k) INCENTIVE MATCH	5,422,411	2,115,435		7,537,846
COMMUTER BENEFITS	1,301,541		(1,301,541)	
GENERAL AND ADMIN EXPENSES	64,673,330	(7,070,041)		57,603,289
EXP REG DEF FOR BK NOT TAX	40,906,678	(17,976,993)		22,929,685
INJURIES AND DAMAGES	13,805,348	2,605,534		16,410,882
INSURANCE - OTHER	21,126,881	(7,277,555)		13,849,326
SELF DEVELOPED SOFTWARE		67,803,843		67,803,843
MISCELLANEOUS DEDUCTIONS	25,377,796	(2,693,764)		22,684,032
CIVIC & POLITICAL	8,846,091		(5,550,291)	3,295,800
ENVIRONMENTAL CLEANUP EXPENSE	(34,363,679)	122,824,365		88,460,686
CONTINGENCY RESERVE	110,742,982	(110,742,982)		
DECOMMISSIONING & DISMANTLEMENT EXP	(51,093)	51,093		
SECTION 174 R&E DEDUCTION		30,130,644		30,130,644
TOTAL	1,267,510,144	584,417,491	(6,974,039)	1,844,953,596

15-Sep-2021 13:04:51

2020 FEDERAL FORM 1120 TAX RETURN

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

	COLUMN A EXPENSE PER INCOME STATEMENT	COLUMN B TEMPORARY DIFFERENCE	COLUMN C PERMANENT DIFFERENCE	COLUMN D DEDUCTION PER TAX RETURN
STMT 23 - FORM 8916-A, LINE 6				
LINE 6: OTHER ITEMS WITH DIFFERENCES				
PURCHASED POWER	(188,032,163)	(2,051,370)		(190,083,533)
COGS: OPERATING EXPENSE	(814,937,420)	122,874,521		(692,062,899)
DISTRIBUTION EXPENSES	(81,141,247)	(3,812,543)		(84,953,790)
FUEL COSTS	(1,117,893,418)	221,811,844		(896,081,574)
TOTAL	(2,202,004,248)	338,822,452	0	(1,863,181,796)

CD-405 (44)

C Corporation Tax Return 2020
North Carolina Department of Revenue

8-20-20

For calendar year 2020, or other tax year beginning 20 and ending		DOR Use Only
DUKE ENERGY CAROLINAS LLC 550 SOUTH TRYON STREET DEC44A CHARLOTTE NC 28202		Federal Employer ID Number 560205520 N.C. Secretary of State ID Number NAICS Code 221100
<input type="checkbox"/> Initial Return	<input type="checkbox"/> Short Year Return	<input type="checkbox"/> Captive REIT
<input type="checkbox"/> Final Return	<input type="checkbox"/> Amended Return	<input type="checkbox"/> Tax Exempt
<input type="checkbox"/> Non U.S./Foreign		<input type="checkbox"/> NC- Rehab
<input checked="" type="checkbox"/> Combined Return (Approved Taxpayers Only)		<input type="checkbox"/> NC- 478 is attached
		<input type="checkbox"/> Has Escheatable Property
DUKE 550 28202 560205520 221100		Federal Extension Were you granted an automatic extension to file your 2020 federal income tax return (Form 1120)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

PP 34-656559 PFSP IR N FR N SR N AR N
TN RE N TE N NF N CR Y NCR N 478 N EP N FDEXT Y

DUKE ENERGY CAROLINAS LLC

550 SOUTH TRYON STREET DEC44A CHARLOTTE NC 28202

GR	7134925488	09	0	21	0	30	0
TA	45060287074	10	1230186530	22	0	34	0
01	3341242995	11	-520671843	24	0	EU	
HCE	N	13	0	26	11742433	35A	0
02	18058177709	15	0	27A	0	35B	0
03	6523000000	16	709514687	27B	0	38	0
05	27087267	17	0661998	27C	0	39	0
06	0	18	469697304	27D	0	40	0
07	0	19	0	27E	0	41	0
08	27087267	20	469697304	29	11742433		

Sch. A Computation of Franchise Tax	9. Franchise Tax Overpaid 0
1. Net Worth 3341242995	Sch. B Computation of Corporate Income Tax
Holding Company Exception N	10. Federal Taxable Income 1230186530
2. Investment in N.C. Tangible Property 18058177709	11. Adjustments to Federal Taxable Income -520671843
3. Appraised Value of N.C. Tangible Property 6523000000	12. Net Income Before Contributions 709514687
4. Taxable Amount 18058177709	13. Contributions to Donees Outside N.C. 0
5. Total Franchise Tax Due 27087267	14. N.C. Taxable Income 709514687
6. Payment with Franchise Tax Extension 0	15. Nonapportionable Income 0
7. Tax Credits 0	16. Apportionable Income 709514687
8. Franchise Tax Due 27087267	17. Apportionment Factor 066.1998%

I declare and certify that I have examined this return and accompanying schedules and statements, and to the best of my knowledge and belief, they are true, correct, and complete.

T. COOPER MONROE, III
VICE PRESIDENT, TAX

Signature and Title of Officer: Date Corporate Phone Number

☐ Refund Due 0 ☒ Payment Due 38829700

☐ Check if you authorize the North Carolina Department of Revenue to discuss this return and attachments with the paid preparer below.

PAID PREPARER USE ONLY If prepared by a person other than taxpayer, this certification is based on all information of which the preparer has any knowledge.

Signature of Paid Preparer: GARY L SHEPHERD Date Preparer's Phone Number 704-372-6300 Preparer's FEIN, SSN, or PTIN 34-6565596

Mail to: NCDOR, P.O. Box 25000, Raleigh, N.C. 27640-0500. Returns are due by the 15th day of the 4th month after the end of the income year.

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Jan 19 2023

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Legal Name (First 10 Characters) DUKE ENERG Federal Employer ID Number 560205520

CD-405 Line-by-Line Information

N.C. Education Endowment Fund: You may contribute to the N.C. Education Endowment Fund by making a contribution or designating some or all of your overpayment to the Fund. To make a contribution, enclose Form NC- EDU and your payment of

0

Sch. B Computation of Corporate Income Tax	Sch. D Investment in N.C. Tangible Property
18. Income Apportioned to N.C. 469697304	Inventory valuation method
19. Nonapportionable Income Allocated to N.C. 0	1. Total inventories located in N. C. 1325081273
20. Income Subject to N.C. Tax 469697304	2. Total furniture, fixtures, and M & E located in N.C. 33469031270
21. % Depletion over Cost - N.C. Property 0	3. Total land and buildings located in N.C. 0
22. State Net Loss (Attach schedule) 0	4. Total leasehold improvements and other
23. Income Before Contributions to N.C. Donees 469697304	N.C. tangible property 1180413129
24. Contributions to N.C. Donees 0	5. Add Lines 1 through 4 35974525672
25. Net Taxable Income 469697304	6. Accumulated depreciation, depletion, and
26. N.C. Net Income Tax 11742433	amortization with respect to N.C. tangible property
27. Payments and Credits	7. Debts existing for the purchase or improvement of
a. Income Tax Extension 0	N.C. real estate 0
b. 2020 Estimated Tax	8. Investment in N.C. Tangible Property 18058177709
(previous payments if amended) 0	Sch. E Appraised Value of N.C. Tangible Property
c. Partnership (include Form D- 403, NC K- 1) 0	1. County tax value of N.C. tangible property 11860000000
d. Nonresident Withholding (include 1099 or W- 2) 0	2. Appraised value of N.C. tangible property 6523000000
e. Tax Credits 0	Sch. G Federal Taxable Income Before NOL Deduction
28. Add Lines 27a through 27e 0	1. a. Gross receipts or sales 7134925488
29. Income Tax Due 11742433	b. Returns and allowances -3118176
30. Income Tax Overpaid 0	c. Balance - Line 1a minus Line 1b 7138043664
Tax Due or Refund	2. Cost of goods sold (Attach schedule) 2001244148
31. Franchise Tax Due or Overpayment 27087267	3. Gross Profit (Line 1c minus Line 2) 5136799516
32. Income Tax Due or Overpayment 11742433	4. Dividends (Attach schedule) 2747663
33. Balance of Tax Due or Overpayment 38829700	5. a. Interest on obligations of U.S. and its instrumentalities 0
34. Underpayment of Estimated Income Tax 0	b. Other interest 3732208
EU. Exception to Underpayment of Estimated Tax	6. Gross rents 1449395
35. a. Interest 0	7. Gross royalties (Attach schedule) 0
b. Penalties 0	8. Capital gain net income (Attach schedule) -2133193
c. Add Lines 35a and 35b 0	9. Net gain (loss) (Attach schedule) -156314972
36. Total Due 38829700	10. Other income (Attach schedule) 44686291
37. Overpayment 0	11. Total Income 5030966908
38. 2021 Estimated Income Tax 0	12. Compensation of officers (Attach sch., including addresses) 0
39. N.C. Nongame and Endangered Wildlife Fund 0	13. Salaries and wages (less employment credits) 149596365
40. N.C. Education Endowment Fund 0	14. Repairs and maintenance 1060711412
41. Amount to be Refunded 0	15. Bad debts 12520144
Sch. C Net Worth	16. Rents 19509674
1. Total assets 62512631441	17. Taxes and licenses 302181995
2. Total liabilities 31905841610	18. Interest 530883969
3. Line 1 minus Line 2 30606789831	19. Charitable contributions 1330917
4. Accumulated depreciation, depletion, and amortization	20. a. Depreciation 1116963661
permitted for income tax purposes (Attach schedule) 25559579726	b. Depreciation included in cost of goods sold 0
5. Line 3 minus Line 4 5047210105	c. Balance - Line 20a minus 20b 1116963661
6. Affiliated indebtedness (Attach schedule) 0	21. Depletion 0
7. Line 5 plus (or minus) Line 6 5047210105	22. Advertising 6265976
8. Apportionment factor 66.1998%	23. Pension, profit- sharing, and similar plans 0
9. Net Worth 3341242995	24. Employee benefit programs 74310540
	25. Reserved for future use
	26. Other deductions (Attach schedule) 525214241
	27. Total Deductions 3799488894
	28. Taxable Income Per Federal Return Before NOL
	and Special Deductions 1231478014
	29. Special Deductions 1291484
	30. Federal Taxable Income 1230186530

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Legal Name (First 10 Characters) DUKE ENERG Federal Employer ID Number 560205520

Sch. H Adjustments to Federal Taxable Income

1.	Additions		
a.	Taxes based on net income	1a.	34782975
b.	Contributions	1b.	1330917
c.	Royalties to related members	1c.	0
d.	Net interest expense to related members	1d.	0
e.	Expenses attributable to income not taxed	1e.	0
f.	Bonus depreciation	1f.	11815749
g.	Section 179 expense deduction	1g.	0
h.	Other (Attach schedule)	1h.	11191795
2.	Total Additions	2.	59121436
3.	Deductions		
a.	U.S. obligation interest (net of expenses) (Attach schedule)	3a.	0
b.	Other deductible dividends	3b.	80427
c.	Royalties received from related members	3c.	0
d.	Qualified interest expense to related members	3d.	0
e.	Bonus depreciation	3e.	556399508
f.	Section 179 expense deduction	3f.	0
g.	Other (Attach schedule)	3g.	23313344
4.	Total Deductions	4.	579793279
5.	Adjustments to Federal Taxable Income	5.	-520671843

Sch. I Contributions

1.	Contributions to Donees Outside N.C.		
a.	Total contributions to donees outside N.C.	1a.	0
b.	Multiply Schedule B, Line 12 by 5%, if Line 12 is greater than zero. Otherwise enter zero.	1b.	0
c.	Amount Deductible	1c.	0
2.	Contributions to N.C. Donees		
a.	Total contributions to N.C. donees other than those listed in Line 2d	2a.	0
b.	Multiply Sch. B, Line 23 by 5%, if Line 23 is greater than zero. Otherwise enter zero.	2b.	0
c.	Enter the lesser of Line 2a or 2b	2c.	0
d.	Total contributions to the State of N.C. and its political subdivisions	2d.	0
e.	Amount Deductible	2e.	0

Sch. F Other Information - All Taxpayers Must Complete this Schedule

1.	a. State of incorporation	NC	8.	Is this corporation subject to franchise tax but not N.C. income tax because the corporation's income tax activities are protected under P.L. 86-272? (If yes, attach explanation)	N
	b. Date incorporated	05 03 05			
2.	Date of N.C. Certificate of Authority		9.	Officers' names and addresses:	
3.	a. Regular or principal trade or business in N.C.	ELECTRIC U		President	SEE ATTACHED LIST
	b. Regular or principal trade or business everywhere	ELECTRIC UTI		Vice- President	
4.	Principal place business is directed or managed	NC		Secretary	
5.	What was the last year the IRS redetermined the corporation's federal taxable income?			Treasurer	
6.	a. Were adjustments reported to N.C.?				
	b. If so, when?				
7.	Does this corporation finance or discount its receivables through a related or an affiliated company?				

Explanation of Changes for Amended Return:

CD-405 2020 Page 4 (44)

Legal Name (First 10 Characters)

DUKE ENERG

Federal Employer ID Number

560205520

Sch. L Balance Sheet per Books

Assets	Beginning of Tax Year		End of Tax Year	
	(a)	(b)	(c)	(d)
1. Cash		18218730		20826070
2. a. Trade notes and accounts receivable	1089513556		1090174392	
b. Less allowance for bad debts	(9792583)	1079720973	(23562863)	1066611529
3. Inventories		995884287		1010071950
4. a. U.S. government obligations		0		0
b. State and other obligations		0		0
5. Tax-exempt securities		0		0
6. Other current assets (Attach end of year schedule)		571379654		493120328
7. Loans to shareholders		0		0
8. Mortgage and real estate loans		0		0
9. Other investments (Attach end of year schedule)		4371767959		4990124935
10. a. Buildings and other depreciable assets	48866698626		50580996414	
b. Less accumulated depreciation	(16524638946)	32342059680	(17452344367)	33128652047
11. a. Depletable assets	0		0	
b. Less accumulated depletion	(0)	0	(0)	0
12. Land (net of any amortization)		55209669		58725682
13. a. Intangible assets (amortizable only)	0		0	
b. Less accumulated amortization	(0)	0	(0)	0
14. Other assets (Attach end of year schedule)		4631997074		4292154533
15. Total Assets		44066238026		45060287074
Liabilities and Shareholders' Equity				
16. Accounts payable		1183223160		1224151213
17. Mortgages, notes, and bonds payable in less than 1 year		529667633		1007094353
18. Other current liabilities (Attach end of year schedule)		1231676322		1467704453
19. Loans from shareholders		0		0
20. Mortgages, notes, and bonds payable in 1 year or more		11394829838		11712423426
21. Other liabilities (Attach end of year schedule)		16916256256		16494468165
22. Capital stock: a. Preferred Stock	0		0	
b. Common Stock	0	0	0	0
23. Additional paid-in capital		1422086386		1422086386
24. Retained earnings - Appropriated (Attach end of year sch.)		135851146		148029446
25. Retained earnings - Unappropriated		11259934128		11591200830
26. Adjustments to shareholders' equity (Attach end of year sch.)		-7286843		-6871198
27. Less cost of treasury stock		(0)		(0)
28. Total Liabilities and Shareholders' Equity		44066238026		45060287074

Sch. M-1 Reconciliation of Income (Loss) per Books with Income per Return

1. Net income (loss) per books	955708961	7. Income recorded on books this year not included on this return:	
2. Federal income tax	140057784	Tax-exempt interest	\$ 0
3. Excess of capital losses over capital gains	0	STATEMENT 13 - CD-4	
4. Income subject to tax not recorded on books this year:			68764051
STATEMENT 11 - CD-4	49785732		
5. Expenses recorded on books this year not deducted on this return:		8. Deductions on this return not charged against book income this year:	
a. Depreciation	\$414534565	a. Depreciation	\$153285543
b. Charitable Contributions	\$ 0	b. Charitable Contributions	\$ 0
c. Travel and entertainment	\$ 3187656	STATEMENT 14 - CD-4	
STATEMENT 12 - CD-4			4154846661
	4309536249	9. Add Lines 7 and 8	4223610712
6. Add Lines 1 through 5	5455088726	10. Income	1231478014

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Legal Name (First 10 Characters) **DUKE ENERG** Federal Employer ID Number **560205520**

Sch. M-2 Retained Earnings Analysis

1. Balance at beginning of year	11259934128	5. Distributions:	a. Cash	6000000000
2. Net income (loss) per books	955708961		b. Stock	0
3. Other increases:			c. Property	0
	0	6. Other decreases:	STATEMENT 15 -	24442259
4. Add Lines 1, 2, and 3	12215643089	7. Add Lines 5 and 6		624442259
		8. Balance at End of Year		11591200830

Sch. N Nonapportionable Income

(A) Nonapportionable Income	(B) Gross Amounts	(C) Related Expenses	(D) Net Amounts	(E) Net Amounts Allocated Directly to N.C.
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
1. Nonapportionable Income			0	
2. Nonapportionable Income Allocated to N.C.				0

Explanation of why income listed is nonapportionable income rather than apportionable income:

Sch. O Computation of Apportionment Factor

Part 1. Domestic and Other Corporations Not Apportioning Franchise or Income Outside N.C. 0.0000%

Part 2. Corporations Apportioning Franchise or Income to N.C. and to Other States

State Net Loss Apportionment

Are you electing to apportion receipts based on income-producing activities due to a State Net Loss?

Yes ☐ No ☐

1. Within North Carolina

2. Total Everywhere

1. Gross Receipts Subject to Apportionment	4757936749	7187240891
2. Gross Rents Subject to Apportionment	0	0
3. Gross Royalties Subject to Apportionment	0	0
4. Dividends Subject to Apportionment	0	0
5. Interest Subject to Apportionment	0	0
6. Other Apportionable Income	0	0
7. Share of Receipts from Noncorporate Entities Subject to Apportionment	0	0
8. Total	4757936749	7187240891
9. N.C. Apportionment Factor		66.1998%

Part 3. Special Apportionment Formulas 0.0000%

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 1 - CD-405, PAGE 3, SCHEDULE H, LINE 1H
OTHER ADDITIONS

LINE 1H: OTHER ADDITIONS

OTHER MISCELLANEOUS ADDITIONS	
OTHER ADDITIONS	11,191,795
TOTAL	11,191,795

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 2 - CD-405, PAGE 3, SCH H, LINE 3B
DEDUCTIBLE DIVIDENDS

LINE 3B: DEDUCTIBLE DIVIDENDS

DEDUCTIBLE PORTION OF DIVIDENDS

80,427

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 3 - CD-405, PAGE 3, SCH H , LINE 3G
OTHER DEDUCTIONS

LINE 3G: OTHER DEDUCTIONS	
EXP NOT DEDUCTED ON FED RETURN DUE TO TAX CREDIT	15,212,648
OTHER MISCELLANEOUS DEDUCTIONS	
OTHER SUBTRACTIONS	8,100,696
TOTAL	23,313,344

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 4 - CD-405, PAGE 4, SCHEDULE L, LINE 6
OTHER CURRENT ASSETS

LINE 6: OTHER CURRENT ASSETS

OTHER CURRENT ASSETS- BEGINNING OF YEAR

REGULATORY ASSET	392,488,869
REGULATORY ASSET - RECEIVABLE	157,162,830
OTHER CURRENT ASSETS	545,730
OTHER PREPAID EXPENSES	16,637,926
STATE INCOME TAX RECEIVABLE	4,544,299
TOTAL	571,379,654

OTHER CURRENT ASSETS- END OF YEAR

REGULATORY ASSET	437,144,388
REGULATORY ASSET - RECEIVABLE	35,665,386
OTHER CURRENT ASSETS	913,502
OTHER PREPAID EXPENSES	7,395,617
MARK TO MARKET - CURRENT	12,001,435
TOTAL	493,120,328

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

**STATEMENT 5 - CD-405, PAGE 4, SCHEDULE L, LINE 9
OTHER INVESTMENTS**

LINE 9: OTHER INVESTMENTS

OTHER INVESTMENTS- BEGINNING OF YEAR

INVESTMENTS IN SUBSIDIARIES	13,114,070
DECOMMISSIONING TRUST FUNDS	4,358,653,889
TOTAL	4,371,767,959

OTHER INVESTMENTS- END OF YEAR

INVESTMENTS IN SUBSIDIARIES	13,114,192
DECOMMISSIONING TRUST FUNDS	4,977,010,743
TOTAL	4,990,124,935

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 6 - CD-405, PAGE 4, SCHEDULE L, LINE 14

OTHER ASSETS

LINE 14: OTHER ASSETS

OTHER ASSETS- BEGINNING OF YEAR

Oper Lease Right of Use Asset	123,373,974
CLEARING - OTHER	(30,969)
NON-AMORTIZABLE INTANGIBLE ASSETS	53,701,571
DEFERRED CHARGES	28,208,885
RETIREMENT PLAN PREFUNDING	340,030,181
L.T. Tax Receivable	2,587,106
UNAMORTIZED DEBT EXPENSES	3,740,963
UNAMORT LOSS ON REACQUIRED DEBT	44,748,823
OTHER ASSETS	720,551,643
REGULATORY ASSET	1,269,182,182
Regulatory Asset - Pension	476,436,306
OTHER DEFERRED DEBITS - ARO	1,569,466,409
TOTAL	4,631,997,074

OTHER ASSETS- END OF YEAR

Oper Lease Right of Use Asset	109,921,902
CLEARING - OTHER	(3,246)
NON-AMORTIZABLE INTANGIBLE ASSETS	65,192,530
DEFERRED CHARGES	38,694,466
RETIREMENT PLAN PREFUNDING	393,097,971
L.T. Tax Receivable	2,587,106
MARK TO MARKET - NONCURRENT	5,258,252
UNAMORTIZED DEBT EXPENSES	3,797,067
UNAMORT LOSS ON REACQUIRED DEBT	41,138,005
OTHER ASSETS	678,417,422
REGULATORY ASSET	1,239,056,024
Regulatory Asset - Pension	426,934,956
OTHER DEFERRED DEBITS - ARO	1,288,062,078
TOTAL	4,292,154,533

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 7 - CD-405, PAGE 4, SCHEDULE L, LN 18

OTHER CURRENT LIABILITIES

LINE 18: OTHER CURRENT LIABILITIES

OTHER CURRENT LIABILITIES- BEGINNING OF YEAR

OTHER CURRENT LIABILITIES	146,360,510
OTHER CURRENT LIAB - PENSION	4,992,100
ASSET RETIREMENT OLIG - CURRENT LIAB	205,973,811
COLLATERAL LIABILITIES	132,101,362
ACCRUED PAYROLL	271,370,459
MARK TO MARKET - CURRENT	39,209,587
FEDERAL INCOME TAX PAYABLE	9,706,678
STATE INCOME TAX PAYABLE	4
SALES TAX PAYABLE	11,979,754
ACCRUED PAYROLL TAXES	6,895,948
ACCRUED PROPERTY TAX	10,470,189
TAXES - OTHER	6,828,016
ACCRUED INTEREST	115,047,741
ST CAP LEASE OBLIG	5,145,168
ACCRUED I/C INTEREST	17,486
ACCRUED LIABILITIES	539,427
ACCRUED SEVERANCE	12,064,751
CUSTOMER DEPOSITS	3,630,735
OTHER REGULATORY LIABILITY	249,342,596
TOTAL	1,231,676,322

OTHER CURRENT LIABILITIES- END OF YEAR

OTHER CURRENT LIABILITIES	177,971,591
OTHER CURRENT LIAB - PENSION	4,722,124
ASSET RETIREMENT OLIG - CURRENT LIAB	264,009,114
COLLATERAL LIABILITIES	126,762,366
ACCRUED PAYROLL	212,669,403
MARK TO MARKET - CURRENT	15,902,193
FEDERAL INCOME TAX PAYABLE	29,740,590
STATE INCOME TAX PAYABLE	788,135
SALES TAX PAYABLE	11,011,838
ACCRUED PAYROLL TAXES	25,089,875
ACCRUED PROPERTY TAX	(2,097,429)
TAXES - OTHER	11,518,190
ACCRUED INTEREST	116,973,757
ST CAP LEASE OBLIG	5,249,307

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC

56-0205520

Year: 2020

ACCruED I/C INTEREST	5,812
ACCruED LIABILITIES	549,051
ACCruED SEVERANCE	4,126,770
CUSTOMER DEPOSITS	2,612,725
OTHER REGULATORY LIABILITY	460,099,041
TOTAL	1,467,704,453

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 8 - CD-405, PAGE 4, SCHEDULE L, LINE 21
OTHER LIABILITIES

LINE 21: OTHER LIABILITIES

OTHER LIABILITIES- BEGINNING OF YEAR

ARO - Regulatory Liability	3,036,059,452
Deferred Investment Tax Credits	231,070,486
Oper Lease Liabilities	102,464,397
FED DEFERRED INC TAXES - NONCURRENT	8,116,736
ACCRUED DEFERRED INCOME TAXES	3,913,311,417
MARK TO MARKET - NONCURRENT	9,838,275
Other Def. Credits - Pension	83,956,934
OTHER DEF CREDITS - ARO	5,528,259,757
OTHER DEFERRED CREDITS	48,959,413
DEF. CREDIT - PENSION	38,733,167
OTHER LIABILITIES	949,105
RESERVE - INJURIES & DAMAGE	566,243,808
PROPERTY INSURANCE RSVE NUCLEAR	121,296,064
REGULATORY TAX LIABILITY	2,874,223,301
DEFERRED COMPENSATION	352,773,944
TOTAL	16,916,256,256

OTHER LIABILITIES- END OF YEAR

ARO - Regulatory Liability	3,487,305,489
Deferred Investment Tax Credits	235,970,195
Oper Lease Liabilities	96,849,708
LT Capital Lease Obligation	(47,735)
FED DEFERRED INC TAXES - NONCURRENT	10,026,831
ACCRUED DEFERRED INCOME TAXES	3,831,659,633
MARK TO MARKET - NONCURRENT	1,418,372
Other Def. Credits - Pension	73,197,728
OTHER DEF CREDITS - ARO	5,086,491,003
OTHER DEFERRED CREDITS	70,474,696
DEF. CREDIT - PENSION	32,198,417
OTHER LIABILITIES	18,904,700
RESERVE - INJURIES & DAMAGE	535,011,909
PROPERTY INSURANCE RSVE NUCLEAR	128,573,618
REGULATORY TAX LIABILITY	2,536,006,437
DEFERRED COMPENSATION	350,427,164
TOTAL	16,494,468,165

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 9 - CD-405, PAGE 4, SCHEDULE L, LN 24
RETAINED EARNINGS APPROPRIATED

LINE 24: RETAINED EARNINGS APPROPRIATED

RETAINED EARNINGS APPROPRIATED- BEG. OF YEAR

RETAINED EARNINGS-APPROPRIATED 135,851,146

RETAINED EARNINGS APPROPRIATED- END OF YEAR

RETAINED EARNINGS-APPROPRIATED 148,029,446

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 10 - CD-405, PAGE 4, SCHEDULE L, LN 26
ADJUST. TO STOCKHOLDERS' EQUITY

LINE 26: ADJUST. TO STOCKHOLDERS' EQUITY

ADJUSTMENTS TO STOCKHOLDERS' EQUITY- BEG. OF YEAR

OTHER COMPREHENSIVE INCOME (7,286,843)

ADJUSTMENTS TO STOCKHOLDERS' EQUITY- END OF YEAR

OTHER COMPREHENSIVE INCOME (6,871,198)

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 11 - CD-405, PAGE 4, SCHEDULE M-1, LN 4
INCOME SUBJECT TO TAX NOT ON BOOKS

LINE 4: INCOME SUBJECT TO TAX NOT RECORDED ON BOOKS

INCOME SUBJECT TO TAX NOT RECORDED ON BOOKS

Fuel Tax Credit	122,207
Misc Perm Taxable Income Adj	8,100,696
CPRE Rider	10,000
Extra Facility Lighting	3,047,546
I&D Insurance Proceeds	38,505,283
TOTAL	49,785,732
TOTAL	49,785,732

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

**STATEMENT 12 - CD-405, PAGE 4, SCH M-1, LN 5, OTHER
EXP RECORDED ON BOOKS NOT DEDUCTED**

LINE 5: EXPENSES RECORDED ON BKS NOT DEDUCTED ON	
Lobbying	5,550,291
Acquisition Adjustment (Acct. 42	3,001
TRANSPORTATION BENEFITS-Commute	855,447
TRANSPORTATION BENEFITS-EMP PARK	446,094
After Tax ADC,M&E,ITC Permanent	89,258,534
Bad Debts - Tax over Book	12,770,259
Surplus Materials Write-off Asset	115,578
Cost of Coal Consumed	1,728,833
Contributions in Aid (CIAC's)	70,058,050
Capitalized Hardware/Software	5,459,282
Tax Interest Capitalized	30,507,835
Capitalized Property Taxes	2,356,320
Nuclear Fuel Book Burned	255,177,963
NC Property Tax Prepayment	58,765
Amortization Sec 124 Asset	75,974
ASSET RETIREMENT OBLIGATION	137,078,305
Non-Cash Overhead Basis Adj	23,079,033
LT Cap Lease Oblig-Tax Oper	115,453,843
Impairment of Plant Assets	16,411,017
Capitalized OH - Transportation	318,815
CASUALTY RESTORATION ADDBACK	6,884,782
Loss on Reacquired Debt-Amort	3,610,817
EXTRAORDINARY REPAIRS	12,157
CPRE Rider	1,594,973
Cash Flow Hedge - Reg Asset/Liab	1,741,746
Reg Asset Pension Retirement PAA	50,190,206
Returns on State Excess Def Tax	469,120
Reg Asset - Pen Post Ret PAA	901,644
Reg Asset-Rotable Spare Parts	1,035,035
Reg Asset - Harris COLA -Wholesale	1,165,988
Reg Asset - Harris COLA - Retail	39,227,869
Reg Asset - NBV Old Non-AMI Meters	2,882,763
Reg Asset - Def Cost on AMI Meters	844,014
Regulatory Fee NC	555,412
Non-AMI Meters Retired Early NBV	7,806,408
SC Energy Efficiency Reg Asset	10,051,760
NC Energy Efficiency Reg Asset	43,905,855
Reg Asset - Earlu Ret Plant NCR	5,033,438
Accrued Vacation	10,217,081

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC

56-0205520

Year: 2020

MGP Sites	7,135,085
Deferred Revenue	767,444
Deferred Fuel Asset - LT	185,044,867
Deferred Fuel Liability - LT	13,408,467
Reserve for Claims	6,099,618
Cares Act Reserve	35,911,189
CWDC Deferred Costs - Reg Asset SC	168,078
SC Grid Defd Costs - Reg Asset CE	4,852,453
Lee CC Defd Costs - Reg Asset NC	2,199,234
Lee CC Defd Costs - Reg Asset SC	3,987,533
COR Settlement - South Carolina	1,313,724
End of Life Nuclear Fuel Cost Rsv	14,153,915
COR Settlement - North Carolina	2,042,113
Renewable Energy Liability - Whsl	1,038,943
Pipeline Upgrades - Deferred Costs	106,542
Dan River & Cliff 6 Deferred Costs	115,404
McGuire Uprate Deferred Costs	11,591
McGuire Uprate Equity Reserve	12,804
Buck Bridgewater Deferred Costs	121,728
Reg Asset-Hydro Imprmnt - NC Ret	1,426,330
ABSAT - Equity Reserve - NC	3,414,658
ABSAT - Equity Reserve - SC	1,499,499
Def Storm Costs - Equity Rsv SC R	15,304,674
Emission Allowance Expense	3,324
Charitable Contribution Accrual	4,702,637
Clt Metro Tower Fin Agreement	20,438,165
Environmental Reserve	851,343
Nuclear Insur Res - Tax over Book	7,277,555
FAS 112 Medical Expenses Accrual	2,920,040
Decommissioning Liability	486,808,557
Asset Ret Costs - Coal Ash	640,094,594
Coal Ash Capitalized for Tax	73,752,243
Coal Ash Spend Reg Asset - CE	8,448,606
Coal Ash Spend - Wholesale	4,950,712
Coal Ash Spend RA Def SC&FLl	71,221,463
Coal Ash Spend RA Approved SC&FL	17,524,961
Coal Ash Spend Reg Asset Def NC&MW	196,151,455
Coal Ash Spend RA Apvd Rell NC&MW	101,638,173
TOTAL	2,891,814,028
TOTAL	2,891,814,028

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 13 - CD-405, PAGE 4, SCH M-1, LN 7, OTHER
INCOME RECORDED ON BOOKS NOT INCL

LINE 7: INCOME RECORDED ON BOOKS NOT INCLUDED ON

Reverse Equity in Subsidiaries	122
Reg Asset - Harris COLA - Retail	13,690,112
Unbilled Revenue	49,492,714
Asset Retirement Costs - ARO	5,581,103
TOTAL	68,764,051

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

**STATEMENT 14 - CD-405, PAGE 4, SCH M-1, LN 8, OTHER
DEDUCTIONS ON RETURN NOT FOR BOOK**

LINE 8: DEDUCTIONS ON RETURN NOT CHARGED AGAINST	
Exec. Life Insurance Exp.	51,732
AFUDC Equity	62,337,034
Surplus Materials Write-off Liab	1,259
AFUDC Interest	27,809,635
Book Depreciation Manual Adjustmen	153,412,185
Lease Right of Use Asset	100,786,652
Book Gain/Loss on Property	16,760
Cost of Removal	124,056,023
After Tax ADC,M&E, ITC Temporary	89,258,534
Tax Gains/Losses	25,392,604
Plant License Renewal	4,156,571
Catawba Wateree Relicensing Projec	527,330
Casualty Loss	6,884,782
Section 174 R&E Deduction	30,130,644
263A ADJUSTMENT	132,394,403
Capitalized Vacation Carryover Acc	1,592,423
EQUIPMENT REPAIRS	207,893,818
T&D Repairs - Annual Adj	211,771,898
Asset Retmnt Obligation - Coa Ashl	470,811,756
Deferred State Tax	86,498,145
Deferred Asset - SC DERP	2,584,256
SC Storm Reserve Fund	21,660,141
Reg Asset Rate Case Exp - SC	3,017,140
Reg Asset - DEO Rate Case Expense	2,738,614
Reg Asset - Pension Post Ret PAA	6,534,750
Reg Asset - Gallagher 1&3 Retire	472,941
Storm Cost Deferral-Asset	34,489,125
NC Customer Connect Deferral	19,988,743
SC Customer Connect Deferral	1,603,467
Reg Asset - Depreciation Deferral	1,296,032
ORS Avoided Cost Deferral	41,953
Reg Asset SC Solar Bill	549,826
Reg Asset - NC Solar Rebate Pgm	5,222,507
Vacation Carryover - Reg Asset	3,708,975
Severance Accrual	7,937,982
Deferred Compensation	2,919,822
Dan River Stakeholder Project Accr	116,010
Deferred Cost - Electric Vehicles	3,374
LAWSUIT CONTINGENCY	7,798,206

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC

56-0205520

Year: 2020

CWDC Defd Costs - Reg Asset CE	54,595
SC Grid Deferred Costs - Reg Asset	17,324,833
Lee CC Defd Costs - Reg Asset CE	1,303,145
REPS incremental costs	2,115,131
Return on Solar Assets	7,240,919
Return on Equity BPM Sharing Ride	12,301
RateRefunds	10,059,841
Renewable Energy Adjustment	3,295,804
Reg Asset Nuclear Leviliatio.	20,051,403
Regulatory Liability - Job Retenti	10,956,809
Reg Asset - Sevrance Non Rate Base	35,675,119
Reg Asset - COVID-19 Deferral	31,335,254
Reg Asset - Cr Card Pgrm - SC Ret	172,332
Demand Side Management (DSM) Defer	280,796
ABSAT - Deferred Costs - NC	12,820,696
ABSAT - Deferred Costs - SC	4,326,923
Operating Lease Deferral	263,237
SELF-DEVELOPED SOFTWARE	67,803,843
Ret Plan Expense - Overfunded	53,067,790
Non-qualified Pension - Accrual	1,463,936
Greensboro Transit Principal Payme	755,568
ANNUAL INCENTIVE PLAN COMP	49,080,870
PAYABLE 401 (K) MATCH	2,115,435
MISCELLANEOUS NC DEFF DEBIT/CREDIT	32,223,506
Tax Int Accrual - Non-cur Asset	759,340
Reutrnr on Debt BPM Sharing Rider	11,260
OPEB Expense Accrual	9,565,464
Injuries and Damages	32,083,373
I & D AMORTIZATION	971,694
Non-Qualified Fund MTM Earnings	24,770,403
Decommissioning Qualified Fund	593,153,788
ARO Reg Asset - Coal Ash	117,977,658
TOTAL	3,001,561,118

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 15 - CD-405, PAGE 5, SCHEDULE M-2, LN 6
OTHER DECREASES

LINE 6: OTHER DECREASES

OTHER DECREASES

24,442,259

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 16 - CD-405, PAGE 2, SCHEDULE G, LN 2
COST OF GOODS SOLD

LINE 2: COST OF GOODS SOLD		
PURCHASED POWER		190,083,533
Intercompany Purchased Power		114,139,436
COGS: OPERATING EXPENSE		692,062,899
Intercompany Operating Expenses		1,639,255
TRANSMISSION EXPENSES		20,239,975
DISTRIBUTION EXPENSES		84,953,790
FUEL COSTS		896,081,574
Intercompany COGS - Fuel		2,043,686
TOTAL		2,001,244,148

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 17 - CD-405, PAGE 2, SCHEDULE G, LN 4
DIVIDENDS

LINE 4: DIVIDENDS	
DOMESTIC CORPORATIONS - 50%	2,582,967
FOREIGN CORPORATIONS-OTHER	80,427
OTHER DIVIDENDS	84,269
TOTAL	2,747,663

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 18 - CD-405, PAGE 2, SCHEDULE G, LN 10
OTHER INCOME

LINE 10: OTHER INCOME

MISCELLANEOUS OTHER INCOME

44,686,291

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 19 - CD-405, PAGE 2, SCHEDULE G, LN 26
OTHER DEDUCTIONS

LINE 26: OTHER DEDUCTIONS	
EDIT LIABILITY REFUND	13,141,675
GENERAL AND ADMIN EXPENSES	57,603,289
OFFICE SUPPLIES	66,076,312
Interco G&A Expenses	33,305,474
MEALS & ENTERTAINMENT	4,290,375
EXP REG DEF FOR BK NOT TAX	22,929,685
INJURIES AND DAMAGES	16,410,882
INSURANCE - OTHER	13,849,326
SELF DEVELOPED SOFTWARE	67,803,843
MISCELLANEOUS DEDUCTIONS	22,684,032
RESEARCH & DEVELOPMENT	2,577,428
CIVIC & POLITICAL	3,295,800
ENVIRONMENTAL CLEANUP EXPENSE	88,460,686
OUTSIDE SERVICES	60,346,009
SECTION 174 R&E DEDUCTION	30,130,644
OTHER AMORTIZATION - PRIOR YEAR	21,940,696
OTHER AMORTIZATION - CURRENT YEAR	368,085
TOTAL	525,214,241

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
NCUC Form E-1 Data Request
For the Test Period Ending December 31, 2021

Item No. 13(a)(9)

Pursuant to N.C.G.S §105-116, in prior years, Duke Energy Carolinas paid the higher of the North Carolina utility franchise tax which was paid on a quarterly basis or the North Carolina general business franchise tax which was paid on an annual basis. N.C.G.S §105-116 was repealed by H.B. 998 effective July 1, 2014; therefore, Duke Energy Carolinas now pays the North Carolina general franchise tax on an annual basis. The most recently filed general franchise tax return is attached.

Due to its status as an LLC, Duke Energy Carolinas files as part of the Duke Energy Corporation, Inc.'s North Carolina franchise tax return. A separate pro-forma version of the LLC return for Duke Energy Carolinas, LLC is attached.

CD-405 (44)

C Corporation Tax Return 2020
North Carolina Department of Revenue

8-20-20

For calendar year 2020, or other tax year beginning 20 and ending		DOR Use Only
DUKE ENERGY CAROLINAS LLC 550 SOUTH TRYON STREET DEC44A CHARLOTTE NC 28202		Federal Employer ID Number 560205520 N.C. Secretary of State ID Number NAICS Code 221100
<input type="checkbox"/> Initial Return	<input type="checkbox"/> Short Year Return	<input type="checkbox"/> Captive REIT
<input type="checkbox"/> Final Return	<input type="checkbox"/> Amended Return	<input type="checkbox"/> Tax Exempt
<input type="checkbox"/> Non U.S./Foreign		<input type="checkbox"/> NC- Rehab
<input checked="" type="checkbox"/> Combined Return (Approved Taxpayers Only)		<input type="checkbox"/> NC- 478 is attached
		<input type="checkbox"/> Has Escheatable Property
DUKE 550 28202 560205520 221100		Federal Extension Were you granted an automatic extension to file your 2020 federal income tax return (Form 1120)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

PP 34-656559 PFSP IR N FR N SR N AR N
TN RE N TE N NF N CR Y NCR N 478 N EP N FDEXT Y

DUKE ENERGY CAROLINAS LLC

550 SOUTH TRYON STREET DEC44A CHARLOTTE NC 28202

GR	7134925488	09	0	21	0	30	0
TA	45060287074	10	1230186530	22	0	34	0
01	3341242995	11	-520671843	24	0	EU	
HCE	N	13	0	26	11742433	35A	0
02	18058177709	15	0	27A	0	35B	0
03	6523000000	16	709514687	27B	0	38	0
05	27087267	17	0661998	27C	0	39	0
06	0	18	469697304	27D	0	40	0
07	0	19	0	27E	0	41	0
08	27087267	20	469697304	29	11742433		

Sch. A Computation of Franchise Tax	9. Franchise Tax Overpaid 0
1. Net Worth 3341242995	Sch. B Computation of Corporate Income Tax
Holding Company Exception N	10. Federal Taxable Income 1230186530
2. Investment in N.C. Tangible Property 18058177709	11. Adjustments to Federal Taxable Income -520671843
3. Appraised Value of N.C. Tangible Property 6523000000	12. Net Income Before Contributions 709514687
4. Taxable Amount 18058177709	13. Contributions to Donees Outside N.C. 0
5. Total Franchise Tax Due 27087267	14. N.C. Taxable Income 709514687
6. Payment with Franchise Tax Extension 0	15. Nonapportionable Income 0
7. Tax Credits 0	16. Apportionable Income 709514687
8. Franchise Tax Due 27087267	17. Apportionment Factor 066.1998%

I declare and certify that I have examined this return and accompanying schedules and statements, and to the best of my knowledge and belief, they are true, correct, and complete.

T. COOPER MONROE, III
VICE PRESIDENT, TAX

Signature and Title of Officer: Date Corporate Phone Number

☐ Refund Due 0 ☒ Payment Due 38829700

☐ Check if you authorize the North Carolina Department of Revenue to discuss this return and attachments with the paid preparer below.

PAID PREPARER USE ONLY If prepared by a person other than taxpayer, this certification is based on all information of which the preparer has any knowledge.

Signature of Paid Preparer: GARY L SHEPHERD Date Preparer's Phone Number 704-372-6300 Preparer's FEIN, SSN, or PTIN 34-6565596

Mail to: NCDOR, P.O. Box 25000, Raleigh, N.C. 27640-0500. Returns are due by the 15th day of the 4th month after the end of the income year.

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Jan 19 2023

CD-405 2020 Page 2 (44)

Legal Name (First 10 Characters) **DUKE ENERG** Federal Employer ID Number **560205520**

CD-405 Line-by-Line Information

N.C. Education Endowment Fund: You may contribute to the N.C. Education Endowment Fund by making a contribution or designating some or all of your overpayment to the Fund. To make a contribution, enclose Form NC-EDU and your payment of

0

Sch. B Computation of Corporate Income Tax	Sch. D Investment in N.C. Tangible Property
18. Income Apportioned to N.C. 469697304	Inventory valuation method
19. Nonapportionable Income Allocated to N.C. 0	1. Total inventories located in N. C. 1325081273
20. Income Subject to N.C. Tax 469697304	2. Total furniture, fixtures, and M & E located in N.C. 33469031270
21. % Depletion over Cost - N.C. Property 0	3. Total land and buildings located in N.C. 0
22. State Net Loss (Attach schedule) 0	4. Total leasehold improvements and other
23. Income Before Contributions to N.C. Donees 469697304	N.C. tangible property 1180413129
24. Contributions to N.C. Donees 0	5. Add Lines 1 through 4 35974525672
25. Net Taxable Income 469697304	6. Accumulated depreciation, depletion, and
26. N.C. Net Income Tax 11742433	amortization with respect to N.C. tangible property
27. Payments and Credits	7. Debts existing for the purchase or improvement of
a. Income Tax Extension 0	N.C. real estate 0
b. 2020 Estimated Tax	8. Investment in N.C. Tangible Property 18058177709
(previous payments if amended) 0	Sch. E Appraised Value of N.C. Tangible Property
c. Partnership (include Form D-403, NC K-1) 0	1. County tax value of N.C. tangible property 11860000000
d. Nonresident Withholding (include 1099 or W-2) 0	2. Appraised value of N.C. tangible property 6523000000
e. Tax Credits 0	Sch. G Federal Taxable Income Before NOL Deduction
28. Add Lines 27a through 27e 0	1. a. Gross receipts or sales 7134925488
29. Income Tax Due 11742433	b. Returns and allowances -3118176
30. Income Tax Overpaid 0	c. Balance - Line 1a minus Line 1b 7138043664
Tax Due or Refund	2. Cost of goods sold (Attach schedule) 2001244148
31. Franchise Tax Due or Overpayment 27087267	3. Gross Profit (Line 1c minus Line 2) 5136799516
32. Income Tax Due or Overpayment 11742433	4. Dividends (Attach schedule) 2747663
33. Balance of Tax Due or Overpayment 38829700	5. a. Interest on obligations of U.S. and its instrumentalities 0
34. Underpayment of Estimated Income Tax 0	b. Other interest 3732208
EU. Exception to Underpayment of Estimated Tax	6. Gross rents 1449395
35. a. Interest 0	7. Gross royalties (Attach schedule) 0
b. Penalties 0	8. Capital gain net income (Attach schedule) -2133193
c. Add Lines 35a and 35b 0	9. Net gain (loss) (Attach schedule) -156314972
36. Total Due 38829700	10. Other income (Attach schedule) 44686291
37. Overpayment 0	11. Total Income 5030966908
38. 2021 Estimated Income Tax 0	12. Compensation of officers (Attach sch., including addresses) 0
39. N.C. Nongame and Endangered Wildlife Fund 0	13. Salaries and wages (less employment credits) 149596365
40. N.C. Education Endowment Fund 0	14. Repairs and maintenance 1060711412
41. Amount to be Refunded 0	15. Bad debts 12520144
Sch. C Net Worth	16. Rents 19509674
1. Total assets 62512631441	17. Taxes and licenses 302181995
2. Total liabilities 31905841610	18. Interest 530883969
3. Line 1 minus Line 2 30606789831	19. Charitable contributions 1330917
4. Accumulated depreciation, depletion, and amortization	20. a. Depreciation 1116963661
permitted for income tax purposes (Attach schedule) 25559579726	b. Depreciation included in cost of goods sold 0
5. Line 3 minus Line 4 5047210105	c. Balance - Line 20a minus 20b 1116963661
6. Affiliated indebtedness (Attach schedule) 0	21. Depletion 0
7. Line 5 plus (or minus) Line 6 5047210105	22. Advertising 6265976
8. Apportionment factor 66.1998%	23. Pension, profit-sharing, and similar plans 0
9. Net Worth 3341242995	24. Employee benefit programs 74310540
	25. Reserved for future use
	26. Other deductions (Attach schedule) 525214241
	27. Total Deductions 3799488894
	28. Taxable Income Per Federal Return Before NOL
	and Special Deductions 1231478014
	29. Special Deductions 1291484
	30. Federal Taxable Income 1230186530

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Legal Name (First 10 Characters) DUKE ENERG Federal Employer ID Number 560205520

Sch. H Adjustments to Federal Taxable Income

1.	Additions		
a.	Taxes based on net income	1a.	34782975
b.	Contributions	1b.	1330917
c.	Royalties to related members	1c.	0
d.	Net interest expense to related members	1d.	0
e.	Expenses attributable to income not taxed	1e.	0
f.	Bonus depreciation	1f.	11815749
g.	Section 179 expense deduction	1g.	0
h.	Other (Attach schedule)	1h.	11191795
2.	Total Additions	2.	59121436
3.	Deductions		
a.	U.S. obligation interest (net of expenses) (Attach schedule)	3a.	0
b.	Other deductible dividends	3b.	80427
c.	Royalties received from related members	3c.	0
d.	Qualified interest expense to related members	3d.	0
e.	Bonus depreciation	3e.	556399508
f.	Section 179 expense deduction	3f.	0
g.	Other (Attach schedule)	3g.	23313344
4.	Total Deductions	4.	579793279
5.	Adjustments to Federal Taxable Income	5.	-520671843

Sch. I Contributions

1.	Contributions to Donees Outside N.C.		
a.	Total contributions to donees outside N.C.	1a.	0
b.	Multiply Schedule B, Line 12 by 5%, if Line 12 is greater than zero. Otherwise enter zero.	1b.	0
c.	Amount Deductible	1c.	0
2.	Contributions to N.C. Donees		
a.	Total contributions to N.C. donees other than those listed in Line 2d	2a.	0
b.	Multiply Sch. B, Line 23 by 5%, if Line 23 is greater than zero. Otherwise enter zero.	2b.	0
c.	Enter the lesser of Line 2a or 2b	2c.	0
d.	Total contributions to the State of N.C. and its political subdivisions	2d.	0
e.	Amount Deductible	2e.	0

Sch. F Other Information - All Taxpayers Must Complete this Schedule

1.	a. State of incorporation	NC	8.	Is this corporation subject to franchise tax but not N.C. income tax because the corporation's income tax activities are protected under P.L. 86-272? (If yes, attach explanation)	N
	b. Date incorporated	05 03 05			
2.	Date of N.C. Certificate of Authority		9.	Officers' names and addresses:	
3.	a. Regular or principal trade or business in N.C.	ELECTRIC U		President	SEE ATTACHED LIST
	b. Regular or principal trade or business everywhere	ELECTRIC UTI		Vice- President	
4.	Principal place business is directed or managed	NC		Secretary	
5.	What was the last year the IRS redetermined the corporation's federal taxable income?			Treasurer	
6.	a. Were adjustments reported to N.C.?				
	b. If so, when?				
7.	Does this corporation finance or discount its receivables through a related or an affiliated company?				

Explanation of Changes for Amended Return:

CD-405 2020 Page 4 (44)

Legal Name (First 10 Characters) DUKE ENERG Federal Employer ID Number 560205520

Sch. L Balance Sheet per Books

Assets	Beginning of Tax Year		End of Tax Year	
	(a)	(b)	(c)	(d)
1. Cash		18218730		20826070
2. a. Trade notes and accounts receivable	1089513556		1090174392	
b. Less allowance for bad debts	(9792583)	1079720973	(23562863)	1066611529
3. Inventories		995884287		1010071950
4. a. U.S. government obligations		0		0
b. State and other obligations		0		0
5. Tax-exempt securities		0		0
6. Other current assets (Attach end of year schedule)		571379654		493120328
7. Loans to shareholders		0		0
8. Mortgage and real estate loans		0		0
9. Other investments (Attach end of year schedule)		4371767959		4990124935
10. a. Buildings and other depreciable assets	48866698626		50580996414	
b. Less accumulated depreciation	(16524638946)	32342059680	(17452344367)	33128652047
11. a. Depletable assets	0		0	
b. Less accumulated depletion	(0)	0	(0)	0
12. Land (net of any amortization)		55209669		58725682
13. a. Intangible assets (amortizable only)	0		0	
b. Less accumulated amortization	(0)	0	(0)	0
14. Other assets (Attach end of year schedule)		4631997074		4292154533
15. Total Assets		44066238026		45060287074
Liabilities and Shareholders' Equity				
16. Accounts payable		1183223160		1224151213
17. Mortgages, notes, and bonds payable in less than 1 year		529667633		1007094353
18. Other current liabilities (Attach end of year schedule)		1231676322		1467704453
19. Loans from shareholders		0		0
20. Mortgages, notes, and bonds payable in 1 year or more		11394829838		11712423426
21. Other liabilities (Attach end of year schedule)		16916256256		16494468165
22. Capital stock: a. Preferred Stock	0		0	
b. Common Stock	0	0	0	0
23. Additional paid-in capital		1422086386		1422086386
24. Retained earnings - Appropriated (Attach end of year sch.)		135851146		148029446
25. Retained earnings - Unappropriated		11259934128		11591200830
26. Adjustments to shareholders' equity (Attach end of year sch.)		-7286843		-6871198
27. Less cost of treasury stock		(0)		(0)
28. Total Liabilities and Shareholders' Equity		44066238026		45060287074

Sch. M-1 Reconciliation of Income (Loss) per Books with Income per Return

1. Net income (loss) per books	955708961	7. Income recorded on books this year not included on this return:	
2. Federal income tax	140057784	Tax-exempt interest	\$ 0
3. Excess of capital losses over capital gains	0	STATEMENT 13 - CD-4	
4. Income subject to tax not recorded on books this year:			68764051
STATEMENT 11 - CD-4	49785732		
5. Expenses recorded on books this year not deducted on this return:		8. Deductions on this return not charged against book income this year:	
a. Depreciation	\$414534565	a. Depreciation	\$153285543
b. Charitable Contributions	\$ 0	b. Charitable Contributions	\$ 0
c. Travel and entertainment	\$ 3187656	STATEMENT 14 - CD-4	
STATEMENT 12 - CD-4			4154846661
	4309536249	9. Add Lines 7 and 8	4223610712
6. Add Lines 1 through 5	5455088726	10. Income	1231478014

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CD-405 2020 Page 5 (44)

Legal Name (First 10 Characters) **DUKE ENERG** Federal Employer ID Number **560205520**

Sch. M-2 Retained Earnings Analysis

1. Balance at beginning of year	11259934128	5. Distributions:	a. Cash	6000000000
2. Net income (loss) per books	955708961		b. Stock	0
3. Other increases:			c. Property	0
	0	6. Other decreases:	STATEMENT 15 -	24442259
4. Add Lines 1, 2, and 3	12215643089	7. Add Lines 5 and 6		624442259
		8. Balance at End of Year		11591200830

Sch. N Nonapportionable Income

(A) Nonapportionable Income	(B) Gross Amounts	(C) Related Expenses	(D) Net Amounts	(E) Net Amounts Allocated Directly to N.C.
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0
1. Nonapportionable Income			0	
2. Nonapportionable Income Allocated to N.C.				0

Explanation of why income listed is nonapportionable income rather than apportionable income:

Sch. O Computation of Apportionment Factor

Part 1. Domestic and Other Corporations Not Apportioning Franchise or Income Outside N.C. 0.0000%

Part 2. Corporations Apportioning Franchise or Income to N.C. and to Other States

State Net Loss Apportionment

Are you electing to apportion receipts based on income-producing activities due to a State Net Loss?

Yes ☐ No ☐

1. Within North Carolina

2. Total Everywhere

1. Gross Receipts Subject to Apportionment	4757936749	7187240891
2. Gross Rents Subject to Apportionment	0	0
3. Gross Royalties Subject to Apportionment	0	0
4. Dividends Subject to Apportionment	0	0
5. Interest Subject to Apportionment	0	0
6. Other Apportionable Income	0	0
7. Share of Receipts from Noncorporate Entities Subject to Apportionment	0	0
8. Total	4757936749	7187240891
9. N.C. Apportionment Factor		66.1998%

Part 3. Special Apportionment Formulas 0.0000%

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 1 - CD-405, PAGE 3, SCHEDULE H, LINE 1H
OTHER ADDITIONS

LINE 1H: OTHER ADDITIONS

OTHER MISCELLANEOUS ADDITIONS	
OTHER ADDITIONS	11,191,795
TOTAL	11,191,795

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STATEMENT 2 - CD-405, PAGE 3, SCH H, LINE 3B
DEDUCTIBLE DIVIDENDS

LINE 3B: DEDUCTIBLE DIVIDENDS

DEDUCTIBLE PORTION OF DIVIDENDS

80,427

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Duke Energy Carolinas, LLC
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STATEMENT 3 - CD-405, PAGE 3, SCH H , LINE 3G
OTHER DEDUCTIONS

LINE 3G: OTHER DEDUCTIONS	
EXP NOT DEDUCTED ON FED RETURN DUE TO TAX CREDIT	15,212,648
OTHER MISCELLANEOUS DEDUCTIONS	
OTHER SUBTRACTIONS	8,100,696
TOTAL	23,313,344

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Duke Energy Carolinas, LLC
56-0205520
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STATEMENT 4 - CD-405, PAGE 4, SCHEDULE L, LINE 6
OTHER CURRENT ASSETS

LINE 6: OTHER CURRENT ASSETS

OTHER CURRENT ASSETS- BEGINNING OF YEAR

REGULATORY ASSET	392,488,869
REGULATORY ASSET - RECEIVABLE	157,162,830
OTHER CURRENT ASSETS	545,730
OTHER PREPAID EXPENSES	16,637,926
STATE INCOME TAX RECEIVABLE	4,544,299
TOTAL	571,379,654

OTHER CURRENT ASSETS- END OF YEAR

REGULATORY ASSET	437,144,388
REGULATORY ASSET - RECEIVABLE	35,665,386
OTHER CURRENT ASSETS	913,502
OTHER PREPAID EXPENSES	7,395,617
MARK TO MARKET - CURRENT	12,001,435
TOTAL	493,120,328

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Duke Energy Carolinas, LLC
56-0205520
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**STATEMENT 5 - CD-405, PAGE 4, SCHEDULE L, LINE 9
OTHER INVESTMENTS**

LINE 9: OTHER INVESTMENTS

OTHER INVESTMENTS- BEGINNING OF YEAR

INVESTMENTS IN SUBSIDIARIES	13,114,070
DECOMMISSIONING TRUST FUNDS	4,358,653,889
TOTAL	4,371,767,959

OTHER INVESTMENTS- END OF YEAR

INVESTMENTS IN SUBSIDIARIES	13,114,192
DECOMMISSIONING TRUST FUNDS	4,977,010,743
TOTAL	4,990,124,935

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Duke Energy Carolinas, LLC
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STATEMENT 6 - CD-405, PAGE 4, SCHEDULE L, LINE 14
OTHER ASSETS

LINE 14: OTHER ASSETS

OTHER ASSETS- BEGINNING OF YEAR	
Oper Lease Right of Use Asset	123,373,974
CLEARING - OTHER	(30,969)
NON-AMORTIZABLE INTANGIBLE ASSETS	53,701,571
DEFERRED CHARGES	28,208,885
RETIREMENT PLAN PREFUNDING	340,030,181
L.T. Tax Receivable	2,587,106
UNAMORTIZED DEBT EXPENSES	3,740,963
UNAMORT LOSS ON REACQUIRED DEBT	44,748,823
OTHER ASSETS	720,551,643
REGULATORY ASSET	1,269,182,182
Regulatory Asset - Pension	476,436,306
OTHER DEFERRED DEBITS - ARO	1,569,466,409
TOTAL	4,631,997,074

OTHER ASSETS- END OF YEAR	
Oper Lease Right of Use Asset	109,921,902
CLEARING - OTHER	(3,246)
NON-AMORTIZABLE INTANGIBLE ASSETS	65,192,530
DEFERRED CHARGES	38,694,466
RETIREMENT PLAN PREFUNDING	393,097,971
L.T. Tax Receivable	2,587,106
MARK TO MARKET - NONCURRENT	5,258,252
UNAMORTIZED DEBT EXPENSES	3,797,067
UNAMORT LOSS ON REACQUIRED DEBT	41,138,005
OTHER ASSETS	678,417,422
REGULATORY ASSET	1,239,056,024
Regulatory Asset - Pension	426,934,956
OTHER DEFERRED DEBITS - ARO	1,288,062,078
TOTAL	4,292,154,533

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STATEMENT 7 - CD-405, PAGE 4, SCHEDULE L, LN 18

OTHER CURRENT LIABILITIES

LINE 18: OTHER CURRENT LIABILITIES

OTHER CURRENT LIABILITIES- BEGINNING OF YEAR

OTHER CURRENT LIABILITIES	146,360,510
OTHER CURRENT LIAB - PENSION	4,992,100
ASSET RETIREMENT OLIG - CURRENT LIAB	205,973,811
COLLATERAL LIABILITIES	132,101,362
ACCRUED PAYROLL	271,370,459
MARK TO MARKET - CURRENT	39,209,587
FEDERAL INCOME TAX PAYABLE	9,706,678
STATE INCOME TAX PAYABLE	4
SALES TAX PAYABLE	11,979,754
ACCRUED PAYROLL TAXES	6,895,948
ACCRUED PROPERTY TAX	10,470,189
TAXES - OTHER	6,828,016
ACCRUED INTEREST	115,047,741
ST CAP LEASE OBLIG	5,145,168
ACCRUED I/C INTEREST	17,486
ACCRUED LIABILITIES	539,427
ACCRUED SEVERANCE	12,064,751
CUSTOMER DEPOSITS	3,630,735
OTHER REGULATORY LIABILITY	249,342,596
TOTAL	1,231,676,322

OTHER CURRENT LIABILITIES- END OF YEAR

OTHER CURRENT LIABILITIES	177,971,591
OTHER CURRENT LIAB - PENSION	4,722,124
ASSET RETIREMENT OLIG - CURRENT LIAB	264,009,114
COLLATERAL LIABILITIES	126,762,366
ACCRUED PAYROLL	212,669,403
MARK TO MARKET - CURRENT	15,902,193
FEDERAL INCOME TAX PAYABLE	29,740,590
STATE INCOME TAX PAYABLE	788,135
SALES TAX PAYABLE	11,011,838
ACCRUED PAYROLL TAXES	25,089,875
ACCRUED PROPERTY TAX	(2,097,429)
TAXES - OTHER	11,518,190
ACCRUED INTEREST	116,973,757
ST CAP LEASE OBLIG	5,249,307

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ACCRUED I/C INTEREST	5,812
ACCRUED LIABILITIES	549,051
ACCRUED SEVERANCE	4,126,770
CUSTOMER DEPOSITS	2,612,725
OTHER REGULATORY LIABILITY	460,099,041
TOTAL	1,467,704,453

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STATEMENT 8 - CD-405, PAGE 4, SCHEDULE L, LINE 21
OTHER LIABILITIES

LINE 21: OTHER LIABILITIES

OTHER LIABILITIES- BEGINNING OF YEAR

ARO - Regulatory Liability	3,036,059,452
Deferred Investment Tax Credits	231,070,486
Oper Lease Liabilities	102,464,397
FED DEFERRED INC TAXES - NONCURRENT	8,116,736
ACCRUED DEFERRED INCOME TAXES	3,913,311,417
MARK TO MARKET - NONCURRENT	9,838,275
Other Def. Credits - Pension	83,956,934
OTHER DEF CREDITS - ARO	5,528,259,757
OTHER DEFERRED CREDITS	48,959,413
DEF. CREDIT - PENSION	38,733,167
OTHER LIABILITIES	949,105
RESERVE - INJURIES & DAMAGE	566,243,808
PROPERTY INSURANCE RSVE NUCLEAR	121,296,064
REGULATORY TAX LIABILITY	2,874,223,301
DEFERRED COMPENSATION	352,773,944
TOTAL	16,916,256,256

OTHER LIABILITIES- END OF YEAR

ARO - Regulatory Liability	3,487,305,489
Deferred Investment Tax Credits	235,970,195
Oper Lease Liabilities	96,849,708
LT Capital Lease Obligation	(47,735)
FED DEFERRED INC TAXES - NONCURRENT	10,026,831
ACCRUED DEFERRED INCOME TAXES	3,831,659,633
MARK TO MARKET - NONCURRENT	1,418,372
Other Def. Credits - Pension	73,197,728
OTHER DEF CREDITS - ARO	5,086,491,003
OTHER DEFERRED CREDITS	70,474,696
DEF. CREDIT - PENSION	32,198,417
OTHER LIABILITIES	18,904,700
RESERVE - INJURIES & DAMAGE	535,011,909
PROPERTY INSURANCE RSVE NUCLEAR	128,573,618
REGULATORY TAX LIABILITY	2,536,006,437
DEFERRED COMPENSATION	350,427,164
TOTAL	16,494,468,165

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Duke Energy Carolinas, LLC
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STATEMENT 9 - CD-405, PAGE 4, SCHEDULE L, LN 24
RETAINED EARNINGS APPROPRIATED

LINE 24: RETAINED EARNINGS APPROPRIATED

RETAINED EARNINGS APPROPRIATED- BEG. OF YEAR

RETAINED EARNINGS-APPROPRIATED 135,851,146

RETAINED EARNINGS APPROPRIATED- END OF YEAR

RETAINED EARNINGS-APPROPRIATED 148,029,446

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Duke Energy Carolinas, LLC
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STATEMENT 10 - CD-405, PAGE 4, SCHEDULE L, LN 26
ADJUST. TO STOCKHOLDERS' EQUITY

LINE 26: ADJUST. TO STOCKHOLDERS' EQUITY

ADJUSTMENTS TO STOCKHOLDERS' EQUITY- BEG. OF YEAR

OTHER COMPREHENSIVE INCOME (7,286,843)

ADJUSTMENTS TO STOCKHOLDERS' EQUITY- END OF YEAR

OTHER COMPREHENSIVE INCOME (6,871,198)

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Duke Energy Carolinas, LLC
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Year: 2020

STATEMENT 11 - CD-405, PAGE 4, SCHEDULE M-1, LN 4
INCOME SUBJECT TO TAX NOT ON BOOKS

LINE 4: INCOME SUBJECT TO TAX NOT RECORDED ON BOOKS

INCOME SUBJECT TO TAX NOT RECORDED ON BOOKS

Fuel Tax Credit	122,207
Misc Perm Taxable Income Adj	8,100,696
CPRE Rider	10,000
Extra Facility Lighting	3,047,546
I&D Insurance Proceeds	38,505,283
TOTAL	49,785,732
TOTAL	49,785,732

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Duke Energy Carolinas, LLC
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Year: 2020

**STATEMENT 12 - CD-405, PAGE 4, SCH M-1, LN 5, OTHER
EXP RECORDED ON BOOKS NOT DEDUCTED**

LINE 5: EXPENSES RECORDED ON BKS NOT DEDUCTED ON	
Lobbying	5,550,291
Acquisition Adjustment (Acct. 42	3,001
TRANSPORTATION BENEFITS-Commute	855,447
TRANSPORTATION BENEFITS-EMP PARK	446,094
After Tax ADC,M&E,ITC Permanent	89,258,534
Bad Debts - Tax over Book	12,770,259
Surplus Materials Write-off Asset	115,578
Cost of Coal Consumed	1,728,833
Contributions in Aid (CIAC's)	70,058,050
Capitalized Hardware/Software	5,459,282
Tax Interest Capitalized	30,507,835
Capitalized Property Taxes	2,356,320
Nuclear Fuel Book Burned	255,177,963
NC Property Tax Prepayment	58,765
Amortization Sec 124 Asset	75,974
ASSET RETIREMENT OBLIGATION	137,078,305
Non-Cash Overhead Basis Adj	23,079,033
LT Cap Lease Oblig-Tax Oper	115,453,843
Impairment of Plant Assets	16,411,017
Capitalized OH - Transportation	318,815
CASUALTY RESTORATION ADDBACK	6,884,782
Loss on Reacquired Debt-Amort	3,610,817
EXTRAORDINARY REPAIRS	12,157
CPRE Rider	1,594,973
Cash Flow Hedge - Reg Asset/Liab	1,741,746
Reg Asset Pension Retirement PAA	50,190,206
Returns on State Excess Def Tax	469,120
Reg Asset - Pen Post Ret PAA	901,644
Reg Asset-Rotable Spare Parts	1,035,035
Reg Asset - Harris COLA -Wholesale	1,165,988
Reg Asset - Harris COLA - Retail	39,227,869
Reg Asset - NBV Old Non-AMI Meters	2,882,763
Reg Asset - Def Cost on AMI Meters	844,014
Regulatory Fee NC	555,412
Non-AMI Meters Retired Early NBV	7,806,408
SC Energy Efficiency Reg Asset	10,051,760
NC Energy Efficiency Reg Asset	43,905,855
Reg Asset - Earlu Ret Plant NCR	5,033,438
Accrued Vacation	10,217,081

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MGP Sites	7,135,085
Deferred Revenue	767,444
Deferred Fuel Asset - LT	185,044,867
Deferred Fuel Liability - LT	13,408,467
Reserve for Claims	6,099,618
Cares Act Reserve	35,911,189
CWDC Deferred Costs - Reg Asset SC	168,078
SC Grid Defd Costs - Reg Asset CE	4,852,453
Lee CC Defd Costs - Reg Asset NC	2,199,234
Lee CC Defd Costs - Reg Asset SC	3,987,533
COR Settlement - South Carolina	1,313,724
End of Life Nuclear Fuel Cost Rsv	14,153,915
COR Settlement - North Carolina	2,042,113
Renewable Energy Liability - Whsl	1,038,943
Pipeline Upgrades - Deferred Costs	106,542
Dan River & Cliff 6 Deferred Costs	115,404
McGuire Uprate Deferred Costs	11,591
McGuire Uprate Equity Reserve	12,804
Buck Bridgewater Deferred Costs	121,728
Reg Asset-Hydro Imprmnt - NC Ret	1,426,330
ABSAT - Equity Reserve - NC	3,414,658
ABSAT - Equity Reserve - SC	1,499,499
Def Storm Costs - Equity Rsv SC R	15,304,674
Emission Allowance Expense	3,324
Charitable Contribution Accrual	4,702,637
Clt Metro Tower Fin Agreement	20,438,165
Environmental Reserve	851,343
Nuclear Insur Res - Tax over Book	7,277,555
FAS 112 Medical Expenses Accrual	2,920,040
Decommissioning Liability	486,808,557
Asset Ret Costs - Coal Ash	640,094,594
Coal Ash Capitalized for Tax	73,752,243
Coal Ash Spend Reg Asset - CE	8,448,606
Coal Ash Spend - Wholesale	4,950,712
Coal Ash Spend RA Def SC&FLl	71,221,463
Coal Ash Spend RA Approved SC&FL	17,524,961
Coal Ash Spend Reg Asset Def NC&MW	196,151,455
Coal Ash Spend RA Apvd Rell NC&MW	101,638,173
TOTAL	2,891,814,028
TOTAL	2,891,814,028

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2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
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STATEMENT 13 - CD-405, PAGE 4, SCH M-1, LN 7, OTHER
INCOME RECORDED ON BOOKS NOT INCL

LINE 7: INCOME RECORDED ON BOOKS NOT INCLUDED ON

Reverse Equity in Subsidiaries	122
Reg Asset - Harris COLA - Retail	13,690,112
Unbilled Revenue	49,492,714
Asset Retirement Costs - ARO	5,581,103
TOTAL	68,764,051

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**STATEMENT 14 - CD-405, PAGE 4, SCH M-1, LN 8, OTHER
DEDUCTIONS ON RETURN NOT FOR BOOK**

LINE 8: DEDUCTIONS ON RETURN NOT CHARGED AGAINST	
Exec. Life Insurance Exp.	51,732
AFUDC Equity	62,337,034
Surplus Materials Write-off Liab	1,259
AFUDC Interest	27,809,635
Book Depreciation Manual Adjustmen	153,412,185
Lease Right of Use Asset	100,786,652
Book Gain/Loss on Property	16,760
Cost of Removal	124,056,023
After Tax ADC,M&E, ITC Temporary	89,258,534
Tax Gains/Losses	25,392,604
Plant License Renewal	4,156,571
Catawba Wateree Relicensing Projec	527,330
Casualty Loss	6,884,782
Section 174 R&E Deduction	30,130,644
263A ADJUSTMENT	132,394,403
Capitalized Vacation Carryover Acc	1,592,423
EQUIPMENT REPAIRS	207,893,818
T&D Repairs - Annual Adj	211,771,898
Asset Retmnt Obligation - Coa Ashl	470,811,756
Deferred State Tax	86,498,145
Deferred Asset - SC DERP	2,584,256
SC Storm Reserve Fund	21,660,141
Reg Asset Rate Case Exp - SC	3,017,140
Reg Asset - DEO Rate Case Expense	2,738,614
Reg Asset - Pension Post Ret PAA	6,534,750
Reg Asset - Gallagher 1&3 Retire	472,941
Storm Cost Deferral-Asset	34,489,125
NC Customer Connect Deferral	19,988,743
SC Customer Connect Deferral	1,603,467
Reg Asset - Depreciation Deferral	1,296,032
ORS Avoided Cost Deferral	41,953
Reg Asset SC Solar Bill	549,826
Reg Asset - NC Solar Rebate Pgm	5,222,507
Vacation Carryover - Reg Asset	3,708,975
Severance Accrual	7,937,982
Deferred Compensation	2,919,822
Dan River Stakeholder Project Accr	116,010
Deferred Cost - Electric Vehicles	3,374
LAWSUIT CONTINGENCY	7,798,206

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CWDC Defd Costs - Reg Asset CE	54,595
SC Grid Deferred Costs - Reg Asset	17,324,833
Lee CC Defd Costs - Reg Asset CE	1,303,145
REPS incremental costs	2,115,131
Return on Solar Assets	7,240,919
Return on Equity BPM Sharing Ride	12,301
RateRefunds	10,059,841
Renewable Energy Adjustment	3,295,804
Reg Asset Nuclear Leviliatio.	20,051,403
Regulatory Liability - Job Retenti	10,956,809
Reg Asset - Sevrance Non Rate Base	35,675,119
Reg Asset - COVID-19 Deferral	31,335,254
Reg Asset - Cr Card Pgrm - SC Ret	172,332
Demand Side Management (DSM) Defer	280,796
ABSAT - Deferred Costs - NC	12,820,696
ABSAT - Deferred Costs - SC	4,326,923
Operating Lease Deferral	263,237
SELF-DEVELOPED SOFTWARE	67,803,843
Ret Plan Expense - Overfunded	53,067,790
Non-qualified Pension - Accrual	1,463,936
Greensboro Transit Principal Payme	755,568
ANNUAL INCENTIVE PLAN COMP	49,080,870
PAYABLE 401 (K) MATCH	2,115,435
MISCELLANEOUS NC DEFF DEBIT/CREDIT	32,223,506
Tax Int Accrual - Non-cur Asset	759,340
Reutrnr on Debt BPM Sharing Rider	11,260
OPEB Expense Accrual	9,565,464
Injuries and Damages	32,083,373
I & D AMORTIZATION	971,694
Non-Qualified Fund MTM Earnings	24,770,403
Decommissioning Qualified Fund	593,153,788
ARO Reg Asset - Coal Ash	117,977,658
TOTAL	3,001,561,118

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Duke Energy Carolinas, LLC
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STATEMENT 15 - CD-405, PAGE 5, SCHEDULE M-2, LN 6
OTHER DECREASES

LINE 6: OTHER DECREASES

OTHER DECREASES

24,442,259

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Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 16 - CD-405, PAGE 2, SCHEDULE G, LN 2
COST OF GOODS SOLD

LINE 2: COST OF GOODS SOLD		
PURCHASED POWER		190,083,533
Intercompany Purchased Power		114,139,436
COGS: OPERATING EXPENSE		692,062,899
Intercompany Operating Expenses		1,639,255
TRANSMISSION EXPENSES		20,239,975
DISTRIBUTION EXPENSES		84,953,790
FUEL COSTS		896,081,574
Intercompany COGS - Fuel		2,043,686
TOTAL		2,001,244,148

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STATEMENT 17 - CD-405, PAGE 2, SCHEDULE G, LN 4
DIVIDENDS

LINE 4: DIVIDENDS	
DOMESTIC CORPORATIONS - 50%	2,582,967
FOREIGN CORPORATIONS-OTHER	80,427
OTHER DIVIDENDS	84,269
TOTAL	2,747,663

02-Nov-2021 11:44:25

2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 18 - CD-405, PAGE 2, SCHEDULE G, LN 10
OTHER INCOME

LINE 10: OTHER INCOME

MISCELLANEOUS OTHER INCOME

44,686,291

02-Nov-2021 11:44:25

2020 NORTH CAROLINA FORM CD-405

Duke Energy Carolinas, LLC
56-0205520
Year: 2020

STATEMENT 19 - CD-405, PAGE 2, SCHEDULE G, LN 26
OTHER DEDUCTIONS

LINE 26: OTHER DEDUCTIONS	
EDIT LIABILITY REFUND	13,141,675
GENERAL AND ADMIN EXPENSES	57,603,289
OFFICE SUPPLIES	66,076,312
Interco G&A Expenses	33,305,474
MEALS & ENTERTAINMENT	4,290,375
EXP REG DEF FOR BK NOT TAX	22,929,685
INJURIES AND DAMAGES	16,410,882
INSURANCE - OTHER	13,849,326
SELF DEVELOPED SOFTWARE	67,803,843
MISCELLANEOUS DEDUCTIONS	22,684,032
RESEARCH & DEVELOPMENT	2,577,428
CIVIC & POLITICAL	3,295,800
ENVIRONMENTAL CLEANUP EXPENSE	88,460,686
OUTSIDE SERVICES	60,346,009
SECTION 174 R&E DEDUCTION	30,130,644
OTHER AMORTIZATION - PRIOR YEAR	21,940,696
OTHER AMORTIZATION - CURRENT YEAR	368,085
TOTAL	525,214,241

Taxes Accrued, Prepaid and Charged During Year

Kind of Tax (See instruction 5) (a)	Type of Tax (b)	State (c)	Tax Year (d)	BALANCE AT BEGINNING OF YEAR		Taxes Charged During Year (g)	Taxes Paid During Year (h)	Adjustments (i)	BALANCE AT END OF YEAR	
				Taxes Accrued (Account 236) (e)	Prepaid Taxes (Include in Account 165) (f)				Taxes Accrued (Account 236) (j)	Prepaid Taxes (Include in Account 165) (k)
				December 31, 2020	December 31, 2020				December 31, 2021	December 31, 2021
North Carolina										
NC Property Tax	Property Tax	NC	2021	25,438	3,445,614	108,411,787	107,903,837	(268,227)	201,613	3,382,066
NC Unemployment Tax	Unemployment Tax	NC	2021	6,135	-	856,625	860,568	-	2,192	
NC Sales and Use Tax	Sales & Use Tax	NC	2021	1,710,578	-	11,007,602	10,747,192	-	1,970,988	
NC Franchise Tax	Franchise Tax	NC	2021	12,733,595	-	26,103,421	25,013,953	-	13,823,063	
NC Miscellaneous Tax	Miscellaneous Other Tax	NC	2021	-	-	174,903	188,695	-	(13,792)	
TOTAL				14,475,746	3,445,614	146,554,338	144,714,245	(268,227)	15,984,064	3,382,066

2021 State Def Rate 2.9750%
2021 Federal Def Rate 20.3753%
23.3503%

A
B

Item No. 13(c)

Calculation of Deferred Tax Expense

Code	Name	Pretax Current Year					Tax Effect on Pretax for Current Year Activity		
		C	D	E	F	C+D+E+F=G	G*A=H	G*B=I	H*I
		Current Activity	Deferred Only	Balance Sheet Only	Return to Provision	Total Pretax	State	Federal	Total
190001/2	ADIT: Prepaid: Taxes								
Total 190001/2		730,762,160	0	0	(53,175,970)	677,586,190	20,158,189	138,059,880	158,218,069
190051/52	Accum Deferred -OCI								
Total 190051/52		0	0	0	0	0	0	0	0
282100/1	ADIT: PP&E								
Total 282100/1		(318,052,077)	6,678,722	0	(38,599,114)	(349,972,469)	(10,411,681)	(71,307,765)	(81,719,446)
283100/1	ADIT: Other								
Total 283100/1		(565,537,713)	(6,678,722)	0	20,992,918	(551,223,517)	(16,398,900)	(112,313,170)	(128,712,069)
Total		(152,827,630)	0	0	(70,782,166)	(223,609,796)	(6,652,391)	(45,561,055)	(52,213,446)

After Tax Codes	Name	Current Activity	Deferred Only	Balance Sheet Only	Return to Provision	Total After Tax State	Total After Tax Federal	Grand Total After Tax
State:								
AT_OTH_190_SC_EIZCredit	Deferral of SC EIZ Credit	2,678,634	-	-	2,254,915	4,933,549		4,933,549
AT_OTH_190_ST_SEDIT	Other ST Edit AT DTA	-	(100,693,670)	-	-	(100,693,670)		(100,693,670)
AT_OTH_282_NC_ST	Other Non-Current AT ST DTL for PP&E	-	153,112	-	-	153,112		153,112
AT_OTH_282_NC_ST_Solar	Other Noncurrent After-tax DTA for Solar Basis Reduction	(410,368)	-	-	-	(410,368)		(410,368)
AT_OTH_282_ST_SEDIT	NC State EDIT DTL	-	283,511,250	-	-	283,511,250		283,511,250
F_SEC124A_282101-411101	FERC-SIT Adj. - Sec 124A	-	1,753	-	-	1,753		1,753
AT_OTH_283_ST_SEDIT	NC Tax Reform State After-Tax	-	100,000,109	-	-	100,000,109		100,000,109
F_SEC124_283101-411101	F_SEC124_283101-411101	-	2,762	-	-	2,762		2,762
F_RGAL_BS_253600-411	Excess NC Tax Amortization - Blended State - SC Retail	-	(64,955,410)	-	-	(64,955,410)		(64,955,410)
F_RGAL_BS_254037-411	Excess NC Tax Amortization - Blended State - SC Retail	-	20,458,172	-	-	20,458,172		20,458,172
F_RGAL_BS_254053-411	Reg Liab - NC EDIT - WHSL - Blended State	-	(27,107,153)	-	-	(27,107,153)		(27,107,153)
F_RGAL_BS_254054-411	Reg Liab - NC EDIT - Blended State	-	(190,400,192)	-	-	(190,400,192)		(190,400,192)
F_RGAL_BS_254150-411	Excess NC Tax Amortization - Blended State - NC Retail	-	73,779,506	-	-	73,779,506		73,779,506
TNC050	NC Charitable Contribution Carryover	-	40,312	-	54,187	94,499		94,499
TNC010	NC - Bonus Depreciation Adj.	-	(6,618,443)	-	(484,735)	(7,103,178)		(7,103,178)
TSC010	SC - SC Bonus Depreciation Adj.	-	(4,677,668)	-	(143,613)	(4,821,281)		(4,821,281)
						87,443,460	-	87,443,460
Federal:								
F_RGAL_182320-411100-CHP	OTH NC After-Tax DTA for CHP Basis Reduction	-	-	-	2,638	2,638		2,638
F_RGAL_182320-411100-Hydro	OTH NC After-tax DTA for Hydro Basis Reduction	-	-	-	2,006,517	2,006,517		2,006,517
F_RGAL_182320-411100-Solar	Other Noncurrent After-tax DTA for Solar Basis Reduction	868,735	-	-	-	868,735		868,735
AT_OTH_190_NC_Alt Fuel Credit	OTH NC AT DTA for Alt Fuel Credit-Fed	-	-	-	33,225	33,225		33,225
AT_OTH_190_NC_CHP_ITC	Other Noncurrent After-Tax DTA for CHP ITC	-	-	-	25,120	25,120		25,120
AT_OTH_190_NC_EPRI_Credit	Other Noncurrent After-tax DTA for EPRI Credit	1,424,556	-	-	-	1,424,556		1,424,556
AT_OTH_190_NC_Hydro_Credit	Other Noncurrent After-tax DTA for Hydro Credit	-	-	-	19,109,682	19,109,682		19,109,682
AT_OTH_190_NC_R&D_CREDIT	Other Noncurrent After-Tax DTA for R&D Credit	-	-	-	8,544,602	8,544,602		8,544,602
AT_OTH_190_NC_Solar_ITC	Other Noncurrent After-tax DTA for Solar ITC	35,861,429	-	-	-	35,861,429		35,861,429
AT_OTH_190_NC_Solar_ITC_411	Other Noncurrent After-tax DTA for Solar ITC 411	5,565,199	-	-	-	5,565,199		5,565,199
AT_OTH_190_SC_EIZCredit	Deferral of SC EIZ Credit	(562,513)	-	-	(473,532)	(1,036,045)		(1,036,045)
AT_OTH_190_SEDIT	NC Tax Reform After-Tax DTA SEDIT	-	21,145,671	-	-	21,145,671		21,145,671
TNC050	NC Charitable Contribution Carryover	-	(8,466)	-	(11,379)	(19,845)		(19,845)
AT_OTH_282_NC_CHP	OTH NC After-Tax DTA for CHP Basis Reduction	-	-	-	(2,638)	(2,638)		(2,638)
AT_OTH_282_NC_Hydro	OTH NC After-tax DTA for Hydro Basis Reduction	-	-	-	(2,006,517)	(2,006,517)		(2,006,517)
AT_OTH_282_NC_Solar	Other Noncurrent After-tax DTA for Solar Basis Reduction	(3,679,273)	-	-	-	(3,679,273)		(3,679,273)
AT_OTH_282_NC_ST	Other Non-Current AT ST DTL for PP&E	-	(32,154)	-	-	(32,154)		(32,154)
AT_OTH_282_SEDIT	NC Tax Reform After-Tax DTL SEDIT	-	(59,537,363)	-	-	(59,537,363)		(59,537,363)
F_SEC124A_282100-411100	FERC-FIT Adj. - Sec 124A	-	12,008	-	-	12,008		12,008
TNC010	NC - Bonus Depreciation Adj.	-	1,389,873	-	101,794	1,491,667		1,491,667
TSC010	SC - SC Bonus Depreciation Adj.	-	962,310	-	30,159	1,012,469		1,012,469
AT_OTH_283_SEDIT	NC Tax Reform After-Tax DTA SEDIT	-	(21,000,023)	-	-	(21,000,023)		(21,000,023)
F_SEC124_283100-411100	F_SEC124_283100-411100	-	18,919	-	-	18,919		18,919
AT_OTH_190_NC_Federal NOL	190155 Other NC Federal NOLs	(853,166)	-	-	-	(853,166)		(853,166)
F_RGAL_FD_253600-411	Excess NC Tax Amortization - FBOS - SC Retail	-	13,640,636	-	-	13,640,636		13,640,636
F_RGAL_FEDIT_PROTECTED_254036-411115	Amortize Base Protected FEDIT to P&L	-	23,372,259	-	719,708	24,091,967		24,091,967
F_RGAL_FEDIT_UNPROTECTED_254036-411115	Amortize Base Unprotected FEDIT to P&L	-	132,299,043	-	0	132,299,043		132,299,043
F_RGAL_FEDIT_PROTECTED_254042-411115	Amortize Base Protected FEDIT to P&L - SC Retail	-	8,048,618	-	698,467	8,747,085		8,747,085
F_RGAL_FEDIT_UNPROTECTED_254042-411115	Amortize Base Unprotected FEDIT to P&L - SC Retail	-	21,619,788	-	-	21,619,788		21,619,788
F_RGAL_FEDIT_PROTECTED_254044-411115	Amortize Base Protected FEDIT to P&L - W/S	-	3,169,060	-	262,002	3,431,062		3,431,062
F_RGAL_FEDIT_UNPROTECTED_254044-411115	Amortize Base Unprotected FEDIT to P&L - W/S	-	6,935,204	-	(231,338)	6,703,866		6,703,866
F_RGAL_FD_254037-411	Excess NC Tax Amortization - FBOS - SC Retail	-	(7,160,360)	-	-	(7,160,360)		(7,160,360)
F_RGAL_FD_254053-411	Reg Liab - NC EDIT - WHSL - FBOS	-	5,692,502	-	-	5,692,502		5,692,502
F_RGAL_FD_254054-411	Reg Liab - NC EDIT	-	39,984,040	-	-	39,984,040		39,984,040
F_Cash_Grant_254100-411100	50% Tax Basis Reduct to Plant - Fed Only_Amort	-	161,724	-	-	161,724		161,724
F_RGAL_FD_254150-411	Excess NC Tax Amortization - FBOS - NC Retail	-	(25,701,872)	-	-	(25,701,872)		(25,701,872)
F_ITC_255000_410100_CHP	CHP ITC	-	-	-	(25,120)	(25,120)		(25,120)
F_ITC_255000_410100_Hydro	Hydro ITC Section 48	-	-	-	(19,109,682)	(19,109,682)		(19,109,682)
F_ITC_255000_410100_Solar	Solar ITC Section 48	(35,861,429)	-	-	-	(35,861,429)		(35,861,429)

Item No. 13(c)

		Pretax Current Year					Tax Effect on Pretax for Current Year Activity		
Code	Name	C Current Activity	D Deferred Only	E Balance Sheet Only	F Return to Provision	G C+D+E+F=G Total Pretax	G*A=H State	G*B=I Federal	H+I Total
							-	177,468,663	177,468,663
	Total Per OneSource Tax Provision System						80,791,069	131,907,808	212,698,677
	PeopleSoft JE's:								
	FIN48 - Not Incuded in OneSource System Balance						(1,634,133)	(1,365,752)	(2,999,885)
	Total PeopleSoft JE's						(1,634,133)	(1,365,752)	(2,999,885)
	Grand Total - 2021 Deferred Income Tax Expense						79,156,936	130,541,856	209,698,792
	Utility per FERC IS						(78,388,731)	(125,663,053)	(204,051,784)
	Non-Utility per FERC IS						(768,205)	(4,878,803)	(5,647,008)
	Total per FERC IS						(79,156,936)	(130,541,856)	(209,698,792)
	Difference						-	-	-

Reconciliation of Beginning and Ending Year Accumulated Deferred Income Tax - 190_283

Code	Name	A	B	B	B	B	SUM B	C	B+C=D	A+D
		Beginning Balance	Amounts Debited to Account 410.1	Amounts Credited to Account 411.1	Amounts Debited to Account 410.2	Amounts Credited to Account 411.2	410/411 Total	Adjustments	Total Year Change	Ending Balance
Total 190001/2		3,352,763,764	(219,814,774)	375,287,650	(2,423,152)	156,317	153,206,041	(33,124,710)	120,081,331	3,472,845,095
Total 190051/52		2,093,212	0	0	0	0	0	(126,620)	(126,620)	1,966,592
Total 190155		853,166	(853,166)	0	0	0	(853,166)	0	(853,166)	0
Total 283100/1		(2,285,070,092)	(370,357,765)	320,613,744	0	53,715	(49,690,306)	4,407,338	(45,282,968)	(2,330,353,060)
Total	Total Per OneSource Tax Provision System	1,070,640,050	(591,025,705)	695,901,394	(2,423,152)	210,032	102,662,569	(28,843,992)	73,818,577	1,144,458,627
Other Reconciling Items:										
	FIN48 - Not included in OneSource System Balance	(10,026,831)	(2,999,885)				(2,999,885)		(2,999,885)	(13,026,716)
	SFAS 158 Rate Differential	2,832					0	(2,832)	(2,832)	-
	Rounding	(2)					-	4	3	1
	Total Other Reconciling Items	(10,024,001)	(2,999,885)	-	-	-	(2,999,885)	(2,828)	(3,002,714)	(13,026,715)
	Subtotal 190/283	1,060,616,049	(594,025,590)	695,901,394	(2,423,152)	210,032	99,662,684	(28,846,820)	70,815,863	1,131,431,912
	Per FERC Balance Sheet - Page 111, Line 82	3,345,683,309								3,461,784,968
	Per FERC Balance Sheet - Page 113, Line 64	(2,285,067,260)								(2,330,353,066)
	Total ADIT Per FERC Balance Sheet	1,060,616,049								1,131,431,912

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7 Sub 1276
NCUC Form E-1 Data Request
For the Test Period Ending December 31, 2021

Item No. 13(d)

Reconciliation of Beginning and Ending Year Accumulated Deferred Income Tax - 282

<u>TAX_SEGMENT</u>	<u>TAX_RECONCILE_ITEM_DESC</u>	<u>GL Balance</u> <u>12/31/20</u>	<u>GL Activity</u> <u>2021</u>	<u>GL Balance</u> <u>12/31/21</u>
DEC Tax	AAA Method/Life	(2,536,438,367)	(70,252,515)	(2,606,690,883)
DEC Tax	ACQUISITION ADJMT	(19,770,039)	925,749	(18,844,290)
DEC Tax	AFUDC Debt	(115,623,524)	1,233,700	(114,389,824)
DEC Tax	AFUDC Debt Contra - NC	5,828,820	(330,230)	5,498,590
DEC Tax	AFUDC Debt Contra - SC	5,833,464	(76,181)	5,757,283
DEC Tax	AFUDC Equity	(274,568,177)	5,005,240	(269,562,937)
DEC Tax	AFUDC Equity Contra - NC	13,014,569	(737,355)	12,277,214
DEC Tax	AFUDC Equity Contra - SC	12,968,046	(184,583)	12,783,464
DEC Tax	ARO	(379,693,710)	59,117,707	(320,576,003)
DEC Tax	Capital Improvements	1,691,909	(257,634)	1,434,276
DEC Tax	Capital Lease Book	(72,250,659)	2,286,153	(69,964,505)
DEC Tax	Casualty Loss	(19,745,544)	186,985	(19,558,559)
DEC Tax	Casualty Restoration Addback	18,622,753	(88,090)	18,534,663
DEC Tax	CIAC	44,047,357	12,829,950	56,877,307
DEC Tax	Clearing Cost	1,481,405	(47,150)	1,434,255
DEC Tax	Coal Ash - Capital for tax	79,504,677	(2,339,544)	77,165,133
DEC Tax	COMMISSIONING COST ADJ	(1,599,113)	119,327	(1,479,786)
DEC Tax	DEFERRED 1031 GAIN	(2,040,825)	9,135	(2,031,690)
DEC Tax	Depr Cap Trans Equip	(1,930,915)	92,446	(1,838,469)
DEC Tax	Depreciation Lag	(6,788,135)	313,321	(6,474,814)
DEC Tax	Disallow Meals & Entertainmnt	(3,681,031)	104,214	(3,576,817)
DEC Tax	Elec Vehicle Chargers	-	-	-
DEC Tax	Entertain 100% Non-Deduct	(6,327)	(52)	(6,379)
DEC Tax	Fed Alt Fuel Credit	-	-	-
DEC Tax	Grants	6,665,484	(189,924)	6,475,560
DEC Tax	Hardware Capitalized	942,395	121,473	1,063,868
DEC Tax	InterCo Tax Gain/Loss	808,345	2,050,475	2,858,821
DEC Tax	INVENTORY - READY & AVAIL	(1,197,432)	(555,391)	(1,752,822)
DEC Tax	INVENTORY FED	(85,230)	37,680	(47,550)
DEC Tax	ITC Basis Reduction	(37,765,643)	(2,642,559)	(40,408,203)
DEC Tax	Job Creation - Adj to Prior Year	36,048,884	(3,459,586)	32,589,298
DEC Tax	Mixed Service Costs 263A	(646,350,352)	(17,344,090)	(663,694,443)
DEC Tax	Mixed Service Loss Adjmt	4,444,124	(137,558)	4,306,566
DEC Tax	NC Bonus Basis Reduce Auto Calc	(22,412,848)	2,492,838	(19,920,009)
DEC Tax	NC Bonus Basis Reduction PY/481a	(14,833,401)	1,514,426	(13,318,975)

DUKE ENERGY CAROLINAS, LLC
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Reconciliation of Beginning and Ending Year Accumulated Deferred Income Tax - 282

<u>TAX_SEGMENT</u>	<u>TAX_RECONCILE_ITEM_DESC</u>	<u>GL Balance</u> <u>12/31/20</u>	<u>GL Activity</u> <u>2021</u>	<u>GL Balance</u> <u>12/31/21</u>
DEC Tax	NC Bonus To Amortize	10,714,561	(4,780,368)	5,934,193
DEC Tax	Non-cash Overheads	14,779,766	(4,086,184)	10,693,582
DEC Tax	NONTAX CIAC/HIWAY REIMB	(7,318,150)	327,211	(6,990,939)
DEC Tax	OPERATING LEASES BOOK	(25,431,081)	3,772,372	(21,658,709)
DEC Tax	ORIG TAX ADJ FED	(2,968,821)	631,178	(2,337,643)
DEC Tax	Other Adj	(6,676,274)	439,857	(6,236,416)
DEC Tax	Pension Cost	41,838	(2,935)	38,904
DEC Tax	Percentage Repair Allowance	(16,013,283)	992,885	(15,020,399)
DEC Tax	POST ADR REPAIRS ALLOWED FED	(14,846,118)	579,895	(14,266,222)
DEC Tax	PPE Impairment	8,921,771	5,205,089	14,126,861
DEC Tax	PROP TAX OH FED	3,636,422	269,516	3,905,938
DEC Tax	RAR Adjustment	3,038,400	(231,935)	2,806,465
DEC Tax	RECONCILE DIFF FED	(16,702)	1,539	(15,164)
DEC Tax	REELS ADJ FED	(1,186,253)	48,325	(1,137,928)
DEC Tax	Relicensing Nuc & Hydro	(2,793,756)	147,223	(2,646,533)
DEC Tax	RELOCATIONS LABOR & OH	(86,693,649)	4,539,628	(82,154,021)
DEC Tax	Salvage Artificial Loss	5,293,133	(579,676)	4,713,456
DEC Tax	Salvaged Inventory Proceeds	(54,043,289)	2,846,818	(51,196,471)
DEC Tax	Sect. 174 Adjust	(127,879,844)	(7,707,079)	(135,586,924)
DEC Tax	SmokeStack	4,980	(614)	4,366
DEC Tax	Software Capitalized	2,529,771	14,702	2,544,473
DEC Tax	SOFTWARE EXPENSED	(46,463,897)	(17,472,765)	(63,936,663)
DEC Tax	Spent Nuclear Fuel	(83,274,366)	6,254,267	(77,020,099)
DEC Tax	TAX ADJ FED	-	-	-
DEC Tax	Tax Expensing	(723,220,674)	(67,332,971)	(790,553,644)
DEC Tax	Tax Repair Retirements	4,151,776	(74,473)	4,077,303
DEC Tax	TIC	181,654,181	(1,137,435)	180,516,746
DEC Tax	TIC Tax Adj	(11,646,456)	719,242	(10,927,214)
DEC Tax	TRANSMISSION TOWER FED	49,976	(49,976)	-
DEC Tax	WESTINGHOUSE CREDIT	(3,964)	272	(3,692)
DEC Tax	X OPERATING LEASES TAX	-	-	-
DEC Tax	X POST ADR REPAIRS ALLOWED E&P	(665,458)	39,249	(626,208)
DEC Tax	X SECTION 174 R&E E&P	(1,250)	62	(1,188)
DEC Tax	X SECTION 198 REMEDIATION E&P	(187,255)	45	(187,209)
DEC Tax	X TRANSMISSION TOWER E&P	-	-	-

DUKE ENERGY CAROLINAS, LLC
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For the Test Period Ending December 31, 2021

Item No. 13(d)

Reconciliation of Beginning and Ending Year Accumulated Deferred Income Tax - 282

<u>TAX_SEGMENT</u>	<u>TAX_RECONCILE_ITEM_DESC</u>	GL Balance <u>12/31/20</u>	GL Activity <u>2021</u>	GL Balance <u>12/31/21</u>
Grand Total		(4,901,393,004)	(86,828,658)	(4,988,221,662)
	NC Tax Rate Changed booked in 2021	-	223,973,887	223,973,887
	Total Deferred Tax including the NC Rate Change	(4,901,393,004)	137,145,229	(4,764,247,775)
	Per FERC Balance Sheet - Page 113, Line 63	(4,901,393,004)		(4,764,247,775)

Calculation of Investment Tax Credits for the Year

		(Dr)Cr Acct 255
Current Year Deferrals:		Per Tax Provision
Hydro (Tax in Service Year 2020)*		
Investment Tax Credit Eligible Amount		63,698,940
Federal Investment Tax Credit %		30%
Credit Amount	\$	19,109,683
Gaston Solar (Tax in Service Year 2020)*		
Investment Tax Credit Eligible Amount		36,285,715
Federal Investment Tax Credit %		30%
Credit Amount	\$	10,885,715
Clemson Combined Heat and Power (Tax in Service Year 2020)*		
Investment Tax Credit Eligible Amount		251,200
Federal Investment Tax Credit %		10%
Credit Amount	\$	25,120
Maiden Creek Solar		
Investment Tax Credit Eligible Amount		83,252,377
Federal Investment Tax Credit %		30%
Credit Amount	\$	24,975,713
Total Credit Amount	\$	54,996,231

*Credit was accounted for during the 2020 provision to tax return
true up process which occurred during 2021

Reconciliation of Beginning and Ending Unamortized Investment Tax Credits

	<u>(DR)/CR</u>
Balance in Account 255 - Beginning of Year	235,970,195
Balance in Account 255 - End of Year	<u>287,006,804</u>
Activity for the Year	51,036,609

Current Year Amortization

Electric 4%	(136,803)
Electric 8%	(451,629)
Electric 10%	(2,284,375)
Maiden Creek Solar - CPRE portion	(687,363)
Gaston Solar - CPRE portion	<u>(399,451)</u>
Total Current Year Amortization	<u>(3,959,622)</u>

Current Year Deferrals

<u>Hydro (Tax in Service Year 2020)</u>	
Investment Tax Credit Eligible Amount	<u>63,698,940</u>
Federal Investment Tax Credit %	30%
Credit Amount	<u>\$ 19,109,683</u> *Note 1

<u>Gaston Solar (Tax in Service Year 2020)</u>	
Investment Tax Credit Eligible Amount	<u>36,285,715</u>
Federal Investment Tax Credit %	30%
Credit Amount	<u>\$ 10,885,715</u> *Note 1

<u>Clemson Combined Heat and Power (Tax in Service Year 2020)</u>	
Investment Tax Credit Eligible Amount	<u>251,200</u>
Federal Investment Tax Credit %	10%
Credit Amount	<u>\$ 25,120</u> *Note 1

<u>Maiden Creek Solar</u>	
Investment Tax Credit Eligible Amount	<u>83,252,377</u>
Federal Investment Tax Credit %	30%
Credit Amount	<u>\$ 24,975,713</u>

Total Current Year Deferrals **54,996,231**

Total Activity for the Year **\$ 51,036,609**

Note 1: Credit was accounted for during the 2020 provision to tax return true up process which occurred during 2021

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 14

☐ **CONFIDENTIAL**

☒ **NOT CONFIDENTIAL**

Request:

Prepare a complete detailed lead-lag study for the test year for total company electric. North Carolina retail, other retail jurisdictions, and FERC wholesale including all workpapers in support thereof.

Note: Nantahala Power and Light Company is not subject to this requirement.

Response:

DEC has calculated cash working capital requirements for the 12-month test period ended December 31, 2021, in its per books cost of service, in accordance with the methodology per the Commission's June 22, 2018, order in Docket No. E-7 Sub 1146.

The calculation is provided in the files attached below, which calculate the lead lag-based cash working capital applied in DEC's per books cost of service studies filed under the following allocation method:

- the 12-Month Coincident Peak Firm for production demand, modified average and excess (A&E) within retail approach (proposed in this case) in file DEC Summary and Lead Lag Schedules NC 2021_12CP FirmAE PB COS.

The lead lag calculation applies lead lag days to revenues and expenses allocated to the NC retail jurisdiction per the per books cost of service studies filed under E-1 Item 45A in this docket. The number of lead lag days to the various revenue and expense categories are obtained from the last DEC lead lag study by Ernst & Young (E&Y), which was finalized in 2020 and approved by the Commission in its Order Accepting Stipulations, Granting Partial Rate Increase, and Requiring Customer Notice issued on March 31, 2021, in Docket No. E-7, Sub 1214. The E&Y report narrative of that DEC study for the test year ended December 31, 2018, is attached as E&Y 2020 DEC Lead Lag Report.pdf and an excel version is E&Y 2020 DEC Lead Lag Report Summary and Revenue and Expense Lead Lag. Also attached is the related summary of the exhibits for the 2017 test year in the DEC Summary of Exhibits 2017.

The Revenue and Expense Lead Lag tab in the attached lead lag calculation file lists the revenues and expenses from the cost of service provided in E-1 Item 45A, the lead or lag days applicable to each, and a combined weighted lead or lag for the major revenue and cost components. The Summary tab then combines these to calculate net lag days for revenues versus expenses, and the

resulting cash working capital to be applied in the per books cost of service under the Company's proposed allocation method (12CPFirm modified A&E) in E-1 Item 45.

Additional supporting work papers: DEC NC Sales Tax Cash Working Capital 2021 (see tab COS-0923 within attachment DEC Summary and Lead Lag Schedules NC 2021_12CPFirmAE PB COS) and DEC Interest on Long Term Debt Lead Calculation 2018.xls. References to these files are included in the lead lag calculation file.

Lead lag calculations were performed at the NC retail jurisdictional level. The resulting cash working capital was then grossed up to a system level using the net plant allocator. Amounts that would be allocable to other retail and FERC wholesale jurisdictions can be viewed in the per books cost of service studies filed under E-1 Item 45A in this docket.

Duke Energy Carolinas, LLC
Docket No. E-7, Sub 1214
Calculation of (Lead) Lag
Interest on Long Term Debt
12 Months Ended December 31, 2018

Line No.	Long Term Debt Account and Account Description	Amount O/S 31-Dec-18	Interest Rate	Annualized Interest 31-Dec-18	(Lead) Lag Days	Weighted Dollar Days
1	0221005 - 6.05% FMB due 4/15/2038	\$ 600,000,000	6.050%	\$ 36,300,000	91.25	\$ 3,312,375,000
2	0221055 - \$500M 3.90% FMB due 6/15/21	500,000,000	3.900%	19,500,000	91.25	1,779,375,000
3	0221062 - \$650M 4% FMB due 09/30/2042	650,000,000	4.000%	26,000,000	91.25	2,372,500,000
4	0221094 - \$550M 3.7% FMB due 12/1/2047	550,000,000	3.700%	20,350,000	91.25	1,856,937,500
5	0221096 - \$500M 3.05% FMB due 3/15/2023	500,000,000	3.050%	15,250,000	91.25	1,391,562,500
6	0221097 - \$500M 3.95% FMB due 3/15/2048	500,000,000	3.950%	19,750,000	91.25	1,802,187,500
7	0221160 - 8.95% Grnsboro Transit Due2027	9,011,177	8.950%	744,432	182.50	135,858,857
8	0221240 - Sr Unsecured Bds Due 10/15/32	350,000,000	6.450%	22,575,000	91.25	2,059,968,750
9	0221284 - \$650M 4.25% FMB due 12/15/41	650,000,000	4.250%	27,625,000	91.25	2,520,781,250
10	0221285 - \$750M 5.3% FMB due 2/15/2040	750,000,000	5.300%	39,750,000	91.25	3,627,187,500
11	0221286 - \$450M 4.3% FMB due 6/15/2020	450,000,000	4.300%	19,350,000	91.25	1,765,687,500
12	0221287 - \$350M 3.35% FMB due 5/15/2022	350,000,000	3.350%	11,725,000	91.25	1,069,906,250
13	0221288 - \$650M 3.95% FMB due 11/15/2028	650,000,000	3.950%	25,675,000	91.25	2,342,843,750
14	0221380 - Series A 6% Snr Notes Due 2028	300,000,000	6.000%	18,000,000	91.25	1,642,500,000
15	0221801 - \$500M 6.1% Sr Nte due 6/1/37-L	500,000,000	6.100%	30,500,000	91.25	2,783,125,000
16	0221803 - \$500M 6.0% FMB due 1/15/38	500,000,000	6.000%	30,000,000	91.25	2,737,500,000
17	0221856 - \$500M 3.75% FMB due 6/1/2045	500,000,000	3.750%	18,750,000	91.25	1,710,937,500
18	0221857 - \$500M 2.5% FMB due 3/15/23	500,000,000	2.500%	12,500,000	91.25	1,140,625,000
19	0221858 - \$500M 3.875% FMB due 3/15/2046	500,000,000	3.875%	19,375,000	91.25	1,767,968,750
20	0221859 - \$600M 2.95% FMB due 12/1/26	600,000,000	2.950%	17,700,000	91.25	1,615,125,000
21	0223306 - Intercompany Notes Payable LT	300,000,000		8,382,000	0.00	-
22	0224560 - Long-Term Debt Derf Due 9/5/06	450,000,000		15,573,000	15.21	236,865,330
23	0224610 - Pollution Control Fin Due 2017	71,605,000	4.375%	3,132,719	91.25	285,860,609
24	0224620 - PC Bonds 2006B 10-1-2031	71,595,000	4.375%	3,132,281	91.25	285,820,641
25	0224804 - PC Bonds 2007A 11/01/2040	50,000,000	4.625%	2,312,500	91.25	211,015,625
26	0224805 - PC Bonds 2007B 11/01/2040	50,000,000	4.625%	2,312,500	91.25	211,015,625
27	Capital Lease - Buck Pipeline	8,264,547	12.132%	525,615	15.21	7,994,602
28	Capital Lease - Cliffside PSNC Pipeline	51,896,720	12.089%	6,193,050	15.21	94,196,283
29	Capital Lease - Dan River Pipeline	6,488,507	16.791%	1,065,819	15.21	16,211,105
30	Capital Lease - Dan River Water Heaters	1,842,289	10.446%	188,948	15.21	2,873,900
31	Capital Lease - Lee CC	40,778,312	13.550%	5,453,632	15.21	82,949,741
32						
33	Total	\$ 11,011,481,552		\$ 479,691,495	85.20	\$ 40,869,756,068
34						
35						
36	Total Long Term Debt included in Lead Calculation	\$ 11,011,481,552				
37	Fair Value Hedge - g/l on cancelled swaps	5,061,570				
38	Unamortized Debt Discount/Premium	(23,479,383)				
39	Unamortized Debt Issuance Costs	(53,940,186)				
40	Tie to E-1 #34b	\$ 10,939,123,553				

Duke Energy Carolinas, LLC

Lead-Lag Study

January 2020

OFFICIAL COPY

Jan 19 2023





Ernst & Young LLP
100 N Tryon St
Charlotte, NC 28202

Tel: +1 704 372 6300
ey.com

January 8, 2020

Abbe Greenfield
Rate Case Planning & Execution, Duke Energy Carolinas, LLC
526 South Church Street
Charlotte, NC 28202

Mrs. Greenfield:

We have completed our procedures with respect to analyzing a detailed lead-lag study for Duke Energy Carolinas, LLC ("the Company" or "DEC") focused on retail operations in the state of North Carolina. Our procedures were performed in accordance with our Statement of Work, dated April 19, 2018. Our report consists of three parts. We summarize our scope, approach and findings in a narrative executive summary; we present our detailed findings in a schedule that provides the lag and lead days by revenue and expense component used by DEC in its cost of service filings; and we provide an appendix that provides the company's summary calculations with a reference to 19 underlying detail schedules.

The information provided in this report is intended to be used to support the Company's request for a cash working capital allowance to be included in the Company's requested rate base to be authorized by the North Carolina Utility Commission. The report is not intended to be, and should not be, used without our prior written consent by any other party or for any other purpose. Our calculations relied on underlying accounting information provided by the Company. We did not audit that underlying accounting information.

We value the opportunity to work with you and appreciate the cooperation and assistance provided. We would be pleased to discuss any aspect of our work or this report with you or other members of management at your convenience. If you have questions, please call Jake Van Reen at (617) 375-2446.

Thank you,

Jake Van Reen

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Jan 19 2023

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Executive Summary

1.1. Organization of Report

This report is composed of three parts: Executive Summary, Detailed Findings, and Appendix.

The Executive Summary provides background on the engagement, the purpose and scope of the lead-lag study, the standards applied and the relation to previous studies, and a discussion of key findings.

The Detailed Findings are provided in a DEC Lead-Lag Summary schedule contained within E-1 Item 14. This schedule provides the lag and lead days by revenue and expense component used by the Company in its cost of service filings. The summary was agreed to the underlying supporting schedules.

1.2. Background

Duke Energy Company, LLC ("Duke") engaged Ernst & Young ("EY") to support the preparation of a lead-lag study for Duke's retail operations in the state of North Carolina. The study will be used to support the Company's request for a cash working capital allowance to be included in the requested rate base. This report presents the methodology and approach used in the study and the results covering the twelve-month period ending December 31, 2017, subject to known changes.

The Company last presented a lead-lag study to the North Carolina Utility Commission ("NCUC" or the "Commission") for the twelve-month period ending December 31, 2009. This report presents the lead-lag study in the same general format and applies the same methodologies where applicable. Since that time, there are assumed to have been no significant changes in the operating and regulatory environments that would materially affect the calculation of the cash working capital requirements. To confirm this assumption, EY interviewed Duke personnel and a contractor responsible for compiling the study. EY also analyzed certain of the Company's financial statements and riders to DEC's regulatory requirements for the same purpose.

Changes from report previously filed on May 22, 2019

Total Cash Working Capital Requirements decreased by \$8.2M as compared to the previously

filed report.

Cash Working Capital Requirements decreased due to the following adjustments:

- Payroll deductions and payroll taxes – Within payroll deductions and payroll taxes, amounts related to incentive compensation were identified. The service period related to these amounts was adjusted to correspond to the service period for incentive compensation. Adjustments to payroll deductions result in a (\$10.6M) decrease, while adjustments to payroll taxes result in a (\$3.7M) decrease.
- Regulatory commission expense – Regulatory commission expense related to the South Carolina PSC was included in the original study. Removing this item resulting in a (\$379K) decrease.

Cash Working Capital Requirements increased due to the following adjustments:

- Pension and benefits – For account 1B410 (Undergrad Tuition Reimbursement), the payment date was adjusted for a January payment. This adjustment results in a \$37K increase.
- Property insurance – Line items related to account 0924980 were not calculated correctly in the original study due to an erroneous relative cell reference, resulting in a \$5.3M increase.
- Other O&M expense – Other O&M expense in the final Cost of Service decreased by \$1.5M from the Cost of Service version used for the original study. Additionally, uncollectible accounts were broken out separately and a zero-day expense lead was applied consistent with NCUC practice. These two adjustments result in a net increase of \$1.1M to cash working capital requirements.

1.3. Cash Working Capital

1.3.1. Purpose of lead-lag study

The lead-lag study is designed to measure the average amount of capital, over and above the investments in plant, and other separately identified rate base items, provided by investors to bridge the gap between the time expenditures are required to provide service and the time collections of revenues are received for the service. This quantity is referred to as cash working capital. Cash working capital is more comprehensive than simply financing the lag between

Company payments and receipts, as investor capital is required to finance the lag in the recovery of the entire cost of service, including depreciation and cost of capital.

1.3.2. Cash working capital requirement

A requirement for cash working capital represents the amount necessary to provide the utility with an opportunity to appropriately earn an authorized return on all capital invested in utility operations. Unless all capital supplied by investors has that opportunity, investors will not be fully compensated for the capital supplied and the objective of the cash working capital requirement will not be met. Consequently, the key test of the adequacy of the cash working capital requirement should be whether the inclusion of such an amount when added to net utility plant and other items includible in the rate base will produce a fair representation of the capital on which there should be an opportunity to earn a return.

1.3.3. Lead-lag study methodology

To the extent applicable, this study tracks the methodology used in the previous rate filings of the Company and decisions of the NCUC.

The lead-lag study measures the difference in time frames between: (1) when service is rendered and the revenue for that service is received ("revenue lag"); and (2) when the costs of providing service are incurred (including costs of fuel and purchased power, labor, materials, services, etc.) and the time for which those costs are paid ("expense lead"). The difference between these lag periods is expressed in terms of days. The calculated number of days multiplied by the average daily operating revenues or cost of service produces the cash working capital required by the Company.

To fully identify cash working capital requirements, there are additions and deductions to the amount calculated in the lead-lag study. This is done to adjust for items not accounted for in rate base. For example, we must add operational cash requirements and add or deduct any other requirements for, or sources of, cash working capital (such as prepayments, reserves, and items capitalized prior to payment). In previous rate case proceedings, these adjustments have been considered separately from the lead-lag study, so they are not considered in this report.

1.3.4. Results of lead-lag study for DEC retail electric operations

The following section provides a summary of the most significant revenue lags and expense leads calculated. Additional detailed identification of the calculated revenue lags and expense leads is included in the attached schedule entitled E-1 Item 14 ("the summary schedule").

1.4. Revenue Lag

The revenue lag measures the time between service delivery to customers and the collection of revenue for service from customers. For the year ending December 31, 2017, approximately 99% of North Carolina retail jurisdictional revenue was received from cycle billed customers (customers billed on a periodic basis) and the large customer billing group, DEC's Customer Billing Information System (CBIS) and Lodestar Billing Expert systems, respectively.

The revenue lag for these services is the sum of three components: (i) service lag, (ii) billing lag and (iii) collection lag.

The first component is service lag. The Company reads the meters on a monthly basis; therefore the average time between meter reads is 30.42 days (365 days in a year divided by 12 monthly meter reads). Dividing by two provides the midpoint in time, or the average time between when service is provided and the meter read, for a service lag of 15.21 days. (See summary schedule line 4.)

The second component of the total revenue lag is billing lag, the time from the meter reading to when the customer is billed and the bill is posted in the Company's accounts receivable system. Most customers are billed the next business day after the meter is read. Taking into account weekends and holidays, the calculation of the total billing lag is 1.74 days. (See summary schedule line 11.) This amount differs from the previous study, which deemed the billing lag to be at approximately half a day, as the previous study did not account for weekends and holidays.

The third component of the total revenue lag is the collection lag, the period from the billing date to the time the customer pays their bill (i.e., the date cash payments are credited on the accounts receivable records). This component of the revenue lag is measured by dividing average daily accounts receivable (based on a thirteen-month average) by average daily sales.

Collection policies for retail operations in North Carolina are governed by NCUC rules. We calculated the collection lag to be 22.63 days. (See summary schedule line 15.)

Adding these three components together produced a total lag of 39.58 days in the collection of revenues for services provided to cycle-read and large customer billing group customers on electric delivery rate schedules. (See summary schedule line 17.)

EY did not factor in the potential impact of float. The Company experiences two float periods - the time from when funds are received from customers until the funds clear the banks, and the time between when the Company sends a check to pay for services and when those checks are deposited. In the first instance, the Company's cash requirements are increased by the float (i.e. funds are not actually available until after the deposits clear). However, in the second instance, the Company's cash requirements are reduced by the float. Given the relative levels of electronic funds transfers in the Company's payments versus in its receipts, we are confident that the float for revenue is larger than the float for expense. Accordingly, excluding float in this instance is a conservative assumption that would not harm the ratepayer.

In addition to the above, the Company records a variety of additional and miscellaneous revenues which are also applicable to the North Carolina retail jurisdiction. These include intersystem sales for resale, miscellaneous riders (unbilled fuel and deferred revenue), provisions for refunds, forfeited discounts, rental income, pole and line attachment, and revenue from the transmission of electricity to others. To calculate the overall average revenue lag, we calculated the revenue lags for each of the additional and miscellaneous revenues. The total revenue lag for DEC is 38.01 days. (See summary schedule line 80.)

1.5. Expense lead

There are several major categories of expense including:

- O&M Fuel
- O&M Purchased Power
- Labor and Benefits
- Other specifically identified O&M
- Other O&M sampled

- Depreciation and Amortization
- Taxes other than Income
- Interest on Customer Deposits
- Income Taxes
- Net Operating Income

Each of the above are described in more detail below.

1.5.1. O&M Fuel

O&M Fuel costs consist of coal, oil, and natural gas purchases. Fuel is the largest cost category, accounting for approximately 20% of the cost of service for the year ending December 31, 2017. Coal costs include two major components: coal commodity purchases and coal transportation costs. The cost of coal purchases and transportation are inventoried and, by NCUC precedent, coal fuel inventories are included in rate base. However, the cash working capital requirement must recognize the cash available to the Company stemming from the time between receipt of coal and the subsequent payment of the fuel or transportation invoice.

DEC receives thousands of coal deliveries at its coal generating stations each year. DEC employs the following coal payment terms: (i) contract deliveries made between the 1st and 15th of the current month are paid by the 30th of the current month or contract deliveries made between the 16th and 31st of the current month are paid by the 15th of the following month (22.5 days); (ii) contract deliveries made between the 1st and 15th of the current month are paid by the 15th of the following month or contract deliveries made between the 16th and 31st of the current month are paid by the 30th of the following month (37.5 days); (iii) contract deliveries made between the 1st and 31st of the current month are paid by the 30th of the following month (45 days); (iv) contract deliveries made between the 1st and 15th of the current month are paid by the 25th of the current month or contract deliveries made between the 16th and 31st of the current month are paid by the 10th of the following month (17.5 days); (v) contract deliveries made between the 1st and 31st of the current month are paid by the 20th of the following month (35 days); and (vi) contract deliveries paid 10 days after ship date (10 days). Vendor contracts require DEC payments to be received by the vendor by the noted due date.

DEC employs the following vendor coal transportation contract terms: (i) coal freight payments 15 days after the ship date (15 days); (ii) coal freight received between the 1st and 15th of the current month are paid by the 30th of the current month or coal freight received between the 16th and 31st of the current month are paid by the 15th of the following month (22.5 days). The weighted average coal and coal freight expense lead is 20.79 days. (See summary schedule line 93.)

Nuclear fees have a calculated expense lead of (34.15) days. (See summary schedule line 119.)

Small amounts of oil and natural gas are also used as a fuel for generation. Unlike coal or oil, natural gas is not stored and inventoried, rather it is purchased as it is used to generate electricity. Therefore, the expense lag for natural gas is computed conventionally as the difference between the service period and the date of payment. Since Duke is not storing natural gas to be used for generation, the service period is considered to be the mid-point of the billing period from the gas supplier, and the payment date is simply the date of payment. We calculated the natural gas invoices and their computed expense leads as 38.00 days. (See summary schedule line 107.)

1.5.2. O&M Purchased Power

DEC provided listings of all transactions for each of the purchased power accounts for our analysis. We weighted the individual invoices by dollar amount, resulting in an overall expense lead of 39.00 days. (See summary schedule line 115.)

1.5.3. O&M Labor and Benefits

Labor and benefits comprised approximately 12% of the cost of service for the year ending December 31, 2017. Labor costs fall into three categories: net payroll, deductions from payroll, and taxes. In turn, the Company's payroll consists of two primary categories, semi-monthly payroll and bi-weekly payroll, with lesser amounts of incentive pay. We identified each pay period and the payment dates corresponding to that pay period. Similarly, for payroll related deductions we identified when the payments were made for each deduction type corresponding to each pay period, including identifying the deductions related to incentive compensation. We performed similar analyses on taxes, looking at pay periods the taxes applied to and when the tax payments were made, including identifying the taxes related to incentive compensation.

1.5.4. Other Specifically Identified O&M

Other specifically identified O&M categories include the following accounts:

- Uncollectible accounts
- Regulatory expenses
- Insurance expenses
- Injuries and damages – workers compensation

Uncollectible accounts expenses result from the timing of the write-off of customer accounts receivable as uncollectible. By NCUC practice, these expenses are valued at zero days expense lead. (See summary schedule line 134.)

We calculated expense lead days for regulatory expenses, insurance expenses and injuries and damages expenses by analyzing service periods, payment amounts and payment patterns. Insurance expenses and injuries and damages are payments for insurance policies. By their nature, insurance policies are paid prior to the service period for coverage; both have negative expense leads. (See summary schedule lines 130 and 132.)

1.5.5. Other O&M Sampled

To determine the expense lead for other O&M not specifically analyzed (summary schedule line 136), the Company provided EY with a listing of cash disbursements for the twelve-month period ending December 31, 2017. We removed records for capital costs, non-electric O&M costs, and any costs already analyzed, resulting in a sample population consisting of \$757,657,609 and 38,262 rolled vouchers (Note: there were over 510,000 records, but multiple disbursements were made on the same voucher; since the voucher was the unit sampled, the records were rolled up to the voucher level). From that population, a stratified random sample in nine strata, based on the invoice dollar amount, was selected (274 total selections) for sample testing. For each item sampled, the supporting documentation was obtained and analyzed. For purposes of the analysis, service period information was either provided by Duke based on the supporting documentation or, in instances where the service period was not available, the invoice date was provided. The paid dates utilized in the analysis were taken from the Company's payables ledger.

The estimated weighted average expense lead calculated from the sample was 39.98 days, plus or minus 5.85 days with 90% confidence. This contrasts to the 25.72 days calculated for the other O&M sample from the previous lead-lag study. When asked about the increase in days, the client informed us that Duke has 45-day payment terms, and has been following these more closely than previously. EY used statisticians to sample the Other O&M population.

In addition, approximately 2% of the other O&M were employee expenses. These were included in our sample, and for large dollar amounts the service period and payment date were provided. For the remainder, we calculated the average lead lag days based on the credit card payment dates; this made up 63% of the sample. All credit cards have the same cut off dates for service periods and the same payment dates. As a result, these were not sampled. Rather the expense lead was calculated as the average time from the midpoint of the service period to the payment date.

1.5.6. Depreciation and Amortization

Expenses for depreciation and amortization are the result of prior cash transactions that are not initially charged to expense. A zero lag is applied because the expense is deducted from rate base when the expense is recorded. By way of example, investors supply cash for capital investments such as plant assets. A cash transaction occurs when a plant asset is acquired. The plant asset is included in rate base and the cash investment earns a return until depreciation expense is recorded. When depreciation expense is recorded, the amount of the expense is removed from rate base and the expense becomes recoverable in cost of service. However, the cash is not recovered until revenues are collected (e.g., after the revenue lag). Thus, depreciation expense is included in the lead-lag study with a zero-expense lead to provide a return for the period from when the depreciation expense is booked and removed from rate base until it is recovered from revenues. (See summary schedule line 142.)

1.5.7. Taxes Other than Income

Expense leads for taxes other than income taxes consider the timing between when the taxes are assessed, and the related service period. Some taxes are assessed and paid prior to the start of the service period and others are paid after a significant portion of the service period has occurred. Overall the average expense lead on taxes other than income for the period

ending December 31, 2017 was 171.93 days. (See summary schedule line 149.) Per the 2009 lead-lag study, the average expense lead on taxes other than income was 83.21. The increase in the number of lead lag days is the result of tax reform occurring in 2014, which significantly reduced the franchise tax (historically paid soon after each billing cycle). This had previously offset the impact of property taxes, which are paid nearly a year after the service period begins. Additionally, there was a considerable increase in the level of property taxes between 2009 and 2017.

1.5.8. Interest on Customer Deposits

Interest is credited to customers who are required to maintain deposits, and the interest is paid either when the deposit is returned or at periodic intervals. The expense lead on customer deposits is 218.40 days. (See summary schedule line 151.)

1.5.9. Income Taxes

Income taxes has two major components, current and deferred income taxes. In turn, current income taxes include taxes for the current year and taxes for prior periods. The expense lead for current income taxes for the current year is the result of the statutory payment dates. Similar to the rationale for depreciation expense, the deferred tax expense lead is zero days because net deferred tax liabilities are deducted from rate base when the expense is recorded. The expense lead on Net Income Taxes is 16.76 days. (See summary schedule line 158.)

1.5.10. Net Operating Income

Net operating income is the return on invested capital, just as depreciation expense is a return on invested capital. Like depreciation expense, a zero lag was assigned to net operating income in recognition of the fact that the return is earned when the service is provided. Because the return is earned when the service is provided, it would be inappropriate to consider subsequent below the line treatment of net operating income. Therefore we did not further analyze the subsequent use of net operating income for interest, dividends or reinvestment.

1.5.11. Cash Working Capital Impacts of Pass Through Items

As noted, to fully identify the cash working capital requirements, to the amount calculated in the lead lag study we must add operational cash requirements and add or deduct any other requirements for or sources of cash working capital. One item the Company has not included

elsewhere and is therefore considered here is pass through taxes. Pass through taxes are similar to taxes other than income except the payment is due from customers not the company. The primary pass through tax is the North Carolina utility sales tax. The Company collects these pass-through taxes from customers in their bills and pays the tax to the State. The tax is not a Company expense because the Company is merely a conduit of the payments from customers to the state. But, to the extent the Company pays the tax before the funds are received from customers, investors in the Company need to provide the cash to finance the time between payment and recovery. The impact on total DEC cash working capital requirements due to the NC sales pass through tax is \$6,694,345. (See summary schedule line 169.)

Conclusion

We have calculated the revenue lag days and expense lead days documented in the schedule described above. We have also tested the reasonableness of the results based on both a logical review of the revenue and expense items using business operating parameters, and on a comparison to historical results. Based on our analyses, we conclude that these revenue lag days and expense lead days are reasonable and calculated properly.

Detailed Findings

The revenue lag and expense lead calculations developed in this study are overall quite similar when compared to the 2009 calculations, indicating there have been no significant changes in the operating and regulatory environments that would materially affect the overall calculation of the cash working capital requirements. The calculated overall revenue lag is 38.01 days versus 38.62 days in the prior study, reflecting a stable revenue lag.

On the expense side there appears to be some variability in the calculated expense leads among individual expense line items. However, the overall expense lead of 22.21 days is fairly consistent with the 19.48 days in the prior study.

Among individual expense items, the expense lead for Taxes Other than Income was considerably different. The current study calculated this lead at 171.93 days, versus 83.21

days previously. This is driven by the 2014 tax reform, which significantly reduced the amount of franchise tax paid. This tax, which was historically paid soon after each billing cycle, had previously offset the long lead of property taxes. Since this account has decreased by over \$100 million from the 2009 study, there are limited transactions to offset the long lead of property taxes.

As previously noted, the expense lead for other O&M not separately analyzed increased to 39.98 days, due to stricter adherence to DEC's 45-day payment terms.

The cash working capital requirement is currently calculated at \$215.5 million. When factoring in NC Sales Tax, this amount increases to \$222.2 million, representing an approximately \$17.2 million increase from the previous study. This appears to be predominantly driven by a higher daily requirement, representing normal growth and inflation from the time of the previous study. Items like Other Income Taxes had a minimizing effect by expanding the Requirement Lead Days, but normal growth and inflation still requires a larger Cash Working Capital Requirement.

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Jan 19 2023

Duke Energy Carolinas, LLC					
Cash Working Capital Requirements for NC Retail Operations					
Revenue and Expense Lead-Lag Summary					
For the Test Year Ended December 31, 2017					
Line		NC Retail	Lead		
No.		Jurisdictional	\Lag	Weighted	
		Amount	Days	Amount	
1	Total Revenue Lag	(4,979,947,688)	38.01	(189,265,107,983)	
2	Operation and Maintenance Expense	2,552,765,002	27.46	70,093,254,867	
3	Depreciation and Amortization	781,791,508	0.00	0	
4	Taxes Other Than Income Taxes	185,453,667	171.93	31,884,878,468	
5	Interest on Customer Deposits	7,471,530	218.40	1,631,782,152	
6	Income Taxes	418,227,583	16.76	7,010,730,021	
7	Investment of Tax Credit	(3,551,995)	0.00	0	
8	Net Operating Income	1,037,790,393	0.00	0	
10	Total Requirements	4,979,947,688	22.21	110,620,645,508	
11	Revenue Lag Days		38.01		
12	Requirement Lead Days		22.21		
13	Net Lag Days		15.79		
14	Daily Requirements			13,643,692	
15	Cash Working Capital Requirements			215,464,281	
16	Working Capital Related to NC Sales Tax			6,694,345	
17	Total Cash Working Capital Requirements			222,158,626	

DE CAROLINAS, LLC		Duke Energy Carolinas, LLC					
INCOME STATEMENT		Cash Working Capital Requirements for NC Retail Operations					
		Revenue and Expense Lead-Lag Summary					
		For the Test Year Ended December 31, 2017					
Support	Line			Total YTD	NC Retail	Lead	Weighted
Sch #	No.	Total Utility Operating Revenue and Expense Line Description	Account	Dec 2017	Jurisdictional Amount	\ Lag Days	Amount
	1	OPERATING REVENUES:					
	2						
	3	CBIS & MBAS Billing System					
Calc	4	Service Lag				15.21	
	5	Billing Lag					
	6	Total Retail Sales		(6,190,731,044)			
	7	Cycle & Non-Cycle Read Customers		(6,153,742,033)			
	8	Hourly Pricing (HP, HPX, HPF)		(17,239,443)			
	9	Parallel Generation (PG)		(1,481,690)			
	10	Governmental Lighting (PL)		(36,989,011)			
1	11	Total Billing Lag		(6,209,452,177)	(4,601,261,829)	1.74	
	12						
	13	Unbilled Revenue	0440.99, 0442.19, 0442.29, 0444.99	(20,628,546)	(14,921,709)		
	14						
2	15	Collection Lag				22.63	
	16						
	17	Total Revenue Lag Elec Delivery Rate Schedule (Ln 11 + 17)		(6,230,080,723)	(4,616,183,538)	39.58	(182,700,850,795)
	18						
	19	BPM Billing System					
3	20	Total Revenue Lag Sales for Resale BPM		(555,060,872)	(36,446,619)	35.44	(1,291,668,177)
	21						
	22	Total Miscellaneous Rider Revenue	0456500 - 0456570	(287,755,803)	(216,904,840)	0.00	-
	23						
	24	Provisions For Rate Refunds	0449100	13,034,471	13,034,471	39.58	515,882,638
	25						
	26	Forfeited Discounts	0450100, 0450200	(18,368,585)	(14,012,496)	70.00	(980,874,720)
	27						
	28	Miscellaneous Revenues	0451100, 0451200	(10,801,723)	(8,240,106)	76.00	(626,248,056)
	29						
	30	Rent - Joint Use	0454004	(133,305)	(97,798)	45.21	(4,421,448)
	31						
	32	Rent from Electric Property					
	33	Extra Facilities - Depreciation	0454100	(7,930,359)	(6,150,488)	0.00	-
	34	Extra Facilities - Other	0454100	(23,215,514)	(18,005,078)	39.58	(712,610,979)
	35	Interconnection Cogeneration	0454110	(2,064,812)	(1,601,391)	39.58	(63,380,387)
	36	Total Acct 0454.1 (Ln 33 through Ln 35)		(33,210,686)	(25,756,957)		(775,991,366)
	37						
4	38	Pole & Line Attachments	0454200	(33,120,695)	(25,735,528)	143.39	(3,690,217,290)
	39						
4	40	0454300 - Tower Lease Revenues	0454300	(13,042,761)	(6,826,747)	(93.97)	641,499,431
4	41	0454400 - Other Electric Rents	0454400	(4,180,486)	(2,861,893)	45.21	(129,386,183)
	42	0454500 - Leased Facilities Fee - Catawba (NCWHL)	0454500	(564,717)	0		
	43	0454500 - Leased Facilities Fee - Catawba (SCWHL)	0454500	(112,069)	0		
	44	0454510 - Return and Dep - Catawba Gen Plt	0454510	(14,020,857)	(9,598,451)	(15.21)	145,992,432
	45	0454600 - Lease Revenue - CERT	0454600	0	0		
	46	0454601 - Other Miscellaneous Revenue - Timber Sales	0454720	(32,619)	(22,330)	0.00	-
	47	Total Acct 454 (L30 + L36 through L46)		(98,418,195)	(70,899,703)		(3,812,524,422)
	48						
	49	Subsidiary Cost of Capital	0455000	0	0	0.00	-
	50						
	51	Other Electric Revenues	0456100	(2,779)	(1,904)	0.00	-
	52						

Support Sch #	Line No.	Total Utility Operating Revenue and Expense Line Description	Account	Total YTD Dec 2017	NC Retail Jurisdictional Amount	Lead \ Lag Days	Weighted Amount
	53	Distribution Charge - Network					
	54	North Carolina	0456102	(2,583,893)	0	0.00	-
	55	South Carolina	0456102	(1,547,711)	0	0.00	-
	56	Total Acct 456.102 (L54 + L55)		(4,131,604)	0		-
	57						
	58	Metering - Network NCWHL	0456103	(18,340)	0	0.00	
	59	Metering - Network SCWHL	0456103	(48,823)	0	0.00	
	60	Comp For Serv To Other (Catawba)	0456300	(18,226,583)	(12,477,622)	(15.21)	189,784,631
	61						
	62	Other Electric Revenues	0456610	(1,601,984)	(1,096,692)	36.03	(39,513,813)
	63						
	64	Gross Up-Contr in Aid of Const	0456630	(1,540,650)	(1,137,770)	(15.21)	17,305,482
	65						
	66	Deferred Dsm Costs - NC	0456640	(170,147)	(170,147)	0.00	-
	67	Deferred Dsm Costs - SC	0456650	0	0	0.00	-
	68	Other Revenue Affiliate	0456949	(13,703,408)	(9,381,130)	40.21	(377,215,253)
	69	Other Transmission Revenues	0456111	(2,090,331)	(2,090,331)	0.00	-
	70						
	71	Revenues from Transmission of Electricity to Others					
	72	Other Variable Revenues-Reg	0456001	(153,765)	(101,448)	40.41	(4,099,514)
	73	I/C Joint Disp - Trans NW Rev	0456016	(55,075)	(36,336)	40.41	(1,468,338)
	74	Transmission Study Revenue	0456050	(11,401)	(7,522)	40.41	(303,964)
	75	Trans of Elec to Others-NCWHL		(56,918,760)	0	40.41	-
	76	Trans of Elec to Others-SCWHL		(25,311,998)	0	40.41	-
	77	Trans Charge PTP-Non-Firm-BPM & WO Sharing		(3,793,954)	(3,793,954)	40.41	(153,313,681)
	78	Total Revenues from Transm of Electricity to Others (L72 through L77)		(86,244,953)	(3,939,260)		(159,185,497)
	79	Total Acct 456 (L51 + L56 + L58 through L69 + L78)		(127,779,602)	(30,294,857)		(368,824,450)
	80	Utility Oper Revenues (L17 + L20+ L22 +L24 + L26 + L47 +L49 + L79)		(7,315,231,033)	(4,979,947,688)	38.01	(189,265,107,983)
	81	ELECTRIC OPERATING REVENUE		(7,315,231,033)	(4,979,947,688)		
	84						
	85	OPERATION AND MAINTENANCE EXPENSE:					
	86						
	87	Fuel Used in Electric Generation					
	88						
	89	Fossil					
5	90	Beneficial Reuse - Coal Ash	0501007	120,481,185	79,423,035	20.79	1,651,204,908
	91	Contra Fuel Exp BR Ash - SC	0501008	(28,538,740)	-		-
	92	Contra Fuel Exp BR Ash - WS	0501009	0	-		-
5	93	Coal Consumed Fossil Steam	0501110	747,365,798	492,674,936	20.79	10,242,711,930
5	94	Oil Consumed - Fossil Steam	0501310	5,771,526	3,804,678	10.00	38,046,780
5	95	Oil Light-Off - Fossil Steam	0501330	7,542,632	4,972,218	10.00	49,722,180
	96	Emission Allowances	0509000	5,450	3,596	0.00	-
	97	NOx Emission Expense	0509210	(30)	(20)	0.00	-
	98	RECS Consumption Expense	0509213	13,635,107	12,630,118	0.00	-
	99	Commissions/Brokerage Expense	0557450	21,600	14,251	26.80	381,880
	100	EA & Coal Broker Fees	0557451	4,625	3,051	0.00	-
	101						
	102	Nuclear					
	103	Burnup of Owned Fuel	0518100	307,787,905	202,898,483	0.00	-
	104	Canister Design Expense	0518620	338,622	223,409	0.00	-
	105						

Support Sch #	Line No.	Total Utility Operating Revenue and Expense Line Description	Account	Total YTD Dec 2017	NC Retail Jurisdictional Amount	Lead Lag Days	Weighted Amount
	106	Other Production					
6	107	Natural Gas	0547100	23,821,600	15,703,562	38.00	596,735,356
	108	Natural Gas - CC	0547101	259,880,254	171,317,028	38.00	6,510,047,064
	109	Biogas Expense	0547106	996,324	656,792	38.00	24,958,096
	110	REC Biogas Contra Expense	0547107	(404,508)	(266,658)	38.00	(10,133,004)
	111	IC Gas Purchases	0547124	11,387,785	7,507,002	38.00	285,266,076
	112	Oil	0547200	3,711,900	2,446,941	38.00	92,983,758
	113	Fuel Used in Elec Gen (HFM Greenbook I/S)	F_FUEL_USED_ELEC_GEN	1,473,809,036	994,012,423	19.60	19,481,925,024
	114						
7	115	Purchased Power	0555XXX	348,770,283	231,120,265	39.00	9,013,690,335
	116						
	117	Total Other O&M Excluding Fuel and Purchased Power					
	118						
8	119	Nuclear Fees in Acct 524	0524000	51,817,979	34,187,378	(34.15)	(1,167,498,959)
	120						
	121	Labor					
9	122	Payroll Net of Deductions		427,972,177	292,982,787	40.43	11,845,294,078
9	123	Payroll Deductions		278,369,096	190,566,952	30.13	5,741,782,264
	124	Total Labor (Ln 149+150)		706,341,273	483,549,739	36.37	17,587,076,342
	125						
10	126	Pension and Benefits	0926XXX	130,547,562	89,254,582	12.21	1,089,798,446
	127						
11	128	Regulatory Commission Expense	0928000	11,375,477	7,901,083	89.82	709,705,428
	129						
15	130	Property Insurance	0924XXX	10,862,755	7,383,136	(474.55)	(3,503,667,189)
	131						
17	132	Injuries & Damages - Workman's Compensation	0925980	7,400,514	5,171,934	(145.50)	(752,516,397)
	133						
	134	Uncollectible Accounts	0904000, 0904001	11,758,924	8,970,309	0.00	-
	135						
	136	Remaining Other Oper & Maint Expense		990,120,126	691,214,153	39.98	27,634,741,837
	137						
	138	Total O&M Excl. Fuel and Purch. Power		1,920,224,610	1,327,632,314	31.33	41,597,639,509
	139						
	140	Total Operation and Maintenance Expense (L113 + L115 + L136)		3,742,803,929	2,552,765,002	27.46	70,093,254,867
	141						
	142	Total Depreciation & Amortization & Property Loss		1,134,170,294	781,791,508	0.00	-
	143						

Support Sch #	Line No.	Total Utility Operating Revenue and Expense Line Description	Account	Total YTD Dec 2017	NC Retail Jurisdictional Amount	Lead Lag Days	Weighted Amount
	144	Taxes Other Than Income Taxes					
9	145	Payroll Taxes		46,582,702	31,853,838	51.17	1,629,960,890
13	146	North Carolina Property Tax		106,165,393	78,521,714	186.50	14,644,299,661
13	147	South Carolina Property Tax		132,014,761	79,966,798	196.50	15,713,475,807
13	148	Other Non-Income Taxes		(7,441,533)	(4,888,683)	21.04	(102,857,890)
	149	Taxes Other Than Income Taxes		277,321,324	185,453,667	171.93	31,884,878,468
	150						
16	151	Total Interest on Customer Deposits		8,499,601	7,471,530	218.40	1,631,782,152
	152						
	153	Net Income Taxes					
14	154	Federal Income Tax		212,429,582	143,446,030	44.75	6,419,209,843
14	155	State Income Tax		19,575,054	13,218,328	44.75	591,520,178
	156	Federal Income Tax - Deferred		352,901,899	238,872,663	0.00	-
	157	State Income Tax - Deferred		33,602,511	22,690,562	0.00	-
	158	Net Income Taxes		618,509,046	418,227,583	16.76	7,010,730,021
	159						
	160	Investment of Tax Credit Adj Net	04114XX	(5,298,340)	(3,551,995)	0.00	-
	161						
	162	Total Utility Operating Expenses (L138 + L140 + L147 + L149 + L151 + L153)		5,776,005,854	3,942,157,295	28.06	110,620,645,508
	163						
	164	Net Utility Operating Income		1,539,225,180	1,037,790,393	0.00	-
	165						
	166	Total Requirements (Ln 269+273)		7,315,231,034	4,979,947,688		110,620,645,508
	167						
	168						
COS 923	169	Cash Working Capital Related to NC Sales Tax		6,694,345			

Duke Energy Carolinas, LLC							
Docket No. E-7, Sub 1214							
Cash Working Capital Requirements for NC Retail Operations							
Revenue and Expense Lead-Lag Summary							
For the Test Year Ended December 31, 2017							
Line		NC Retail	Lead				
No.		Jurisdictional	\Lag			Weighted	
		Amount	Days			Amount	
1	Total Revenue Lag	(4,979,947,688)	38.01			(189,265,107,983)	
2	Operation and Maintenance Expense	2,554,282,983	26.80			68,446,810,371	
3	Depreciation and Amortization	781,791,508	0.00			0	
4	Taxes Other Than Income Taxes	185,453,667	164.74			30,552,113,886	
5	Interest on Customer Deposits	7,471,530	218.40			1,631,782,152	
6	Income Taxes	418,227,583	16.76			7,010,730,021	
7	Investment of Tax Credit	(3,551,995)	0.00			0	
8	Net Operating Income	1,036,272,412	0.00			0	
10	Total Requirements	4,979,947,688	21.61			107,641,436,430	
11	Revenue Lag Days		38.01				
12	Requirement Lead Days		21.61				
13	Net Lag Days		16.39				
14	Daily Requirements					13,643,692	
15	Cash Working Capital Requirements					223,626,497	
16	Working Capital Related to NC Sales Tax					6,694,345	
17	Total Cash Working Capital Requirements					230,320,842	

Duke Energy Carolinas, LLC									
Docket No. E-7, Sub 1214									
Cash Working Capital Requirements for NC Retail Operations									
Revenue and Expense Lead-Lag Summary									
For the Test Year Ended December 31, 2017									
Support	Line			Total YTD	NC Retail	Lead		Weighted	
Sch #	No.	Total Utility Operating Revenue and Expense Line Description	Account	Dec 2017	Jurisdictional Amount	\ Lag Days		Amount	
	1	OPERATING REVENUES:							
	2								
	3	CBIS & MBAS Billing System							
Calc	4	Service Lag				15.21			
	5	Billing Lag							
	6	Total Retail Sales		(6,190,731,044)					
	7	Cycle & Non-Cycle Read Customers		(6,153,742,033)					
	8	Hourly Pricing (HP, HPX, HPF)		(17,239,443)					
	9	Parallel Generation (PG)		(1,481,690)					
	10	Governmental Lighting (PL)		(36,989,011)					
1	11	Total Billing Lag		(6,209,452,177)	(4,601,261,829)	1.74			
	12								
	13	Unbilled Revenue	0440.99, 0442.19, 0442.29, 0444.99	(20,628,546)	(14,921,709)				
	14								
2	15	Collection Lag				22.63			
	16								
	17	Total Revenue Lag Elec Delivery Rate Schedule (Ln 11 + 17)		(6,230,080,723)	(4,616,183,538)	39.58		(182,700,850,795)	
	18								
	19	BPM Billing System							
3	20	Total Revenue Lag Sales for Resale BPM		(555,060,872)	(36,446,619)	35.44		(1,291,668,177)	
	21								
	22	Total Miscellaneous Rider Revenue	0456500 - 0456570	(287,755,803)	(216,904,840)	0.00		-	
	23								
	24	Provisions For Rate Refunds	0449100	13,034,471	13,034,471	39.58		515,882,638	
	25								
	26	Forfeited Discounts	0450100, 0450200	(18,368,585)	(14,012,496)	70.00		(980,874,720)	
	27								
	28	Miscellaneous Revenues	0451100, 0451200	(10,801,723)	(8,240,106)	76.00		(626,248,056)	
	29								
	30	Rent - Joint Use	0454004	(133,305)	(97,798)	45.21		(4,421,448)	
	31								
	32	Rent from Electric Property							
	33	Extra Facilities - Depreciation	0454100	(7,930,359)	(6,150,488)	0.00		-	
	34	Extra Facilities - Other	0454100	(23,215,514)	(18,005,078)	39.58		(712,610,979)	
	35	Interconnection Cogeneration	0454110	(2,064,812)	(1,601,391)	39.58		(63,380,387)	
	36	Total Acct 0454.1 (Ln 33 through Ln 35)		(33,210,686)	(25,756,957)			(775,991,366)	
	37								
4	38	Pole & Line Attachments	0454200	(33,120,695)	(25,735,528)	143.39		(3,690,217,290)	
	39								
4	40	0454300 - Tower Lease Revenues	0454300	(13,042,761)	(6,826,747)	(93.97)		641,499,431	
4	41	0454400 - Other Electric Rents	0454400	(4,180,486)	(2,861,893)	45.21		(129,386,183)	
	42	0454500 - Leased Facilities Fee - Catawba (NCWHL)	0454500	(564,717)	0				
	43	0454500 - Leased Facilities Fee - Catawba (SCWHL)	0454500	(112,069)	0				
	44	0454510 - Return and Dep - Catawba Gen Plt	0454510	(14,020,857)	(9,598,451)	(15.21)		145,992,432	
	45	0454600 - Lease Revenue - CERT	0454600	0	0				
	46	0454601 -Other Miscellaneous Revenue - Timber Sales	0454720	(32,619)	(22,330)	0.00		-	
	47	Total Acct 454 (L30 + L36 through L46)		(98,418,195)	(70,899,703)			(3,812,524,422)	
	48								
	49	Subsidiary Cost of Capital	0455000	0	0	0.00		-	
	50								
	51	Other Electric Revenues	0456100	(2,779)	(1,904)	0.00		-	
	52								
	53	Distribution Charge - Network							

Duke Energy Carolinas, LLC							
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Cash Working Capital Requirements for NC Retail Operations							
Revenue and Expense Lead-Lag Summary							
For the Test Year Ended December 31, 2017							
Support	Line		Total YTD	NC Retail	Lead		Weighted
Sch #	No.	Total Utility Operating Revenue and Expense Line Description	Dec 2017	Jurisdictional Amount	\ Lag Days		Amount
	54	North Carolina	(2,583,893)	0	0.00		-
	55	South Carolina	(1,547,711)	0	0.00		-
	56	Total Acct 456.102 (L54 + L55)	(4,131,604)	0			-
	57						
	58	Metering - Network NCWHL	(18,340)	0	0.00		
	59	Metering - Network SCWHL	(48,823)	0	0.00		
	60	Comp For Serv To Other (Catawba)	(18,226,583)	(12,477,622)	(15.21)		189,784,631
	61						
	62	Other Electric Revenues	(1,601,984)	(1,096,692)	36.03		(39,513,813)
	63						
	64	Gross Up-Contr in Aid of Const	(1,540,650)	(1,137,770)	(15.21)		17,305,482
	65						
	66	Deferred Dsm Costs - NC	(170,147)	(170,147)	0.00		-
	67	Deferred Dsm Costs - SC	0	0	0.00		-
	68	Other Revenue Affiliate	(13,703,408)	(9,381,130)	40.21		(377,215,253)
	69	Other Transmission Revenues	(2,090,331)	(2,090,331)	0.00		-
	70						
	71	Revenues from Transmission of Electricity to Others					
	72	Other Variable Revenues-Reg	(153,765)	(101,448)	40.41		(4,099,514)
	73	I/C Joint Disp - Trans NW Rev	(55,075)	(36,336)	40.41		(1,468,338)
	74	Transmission Study Revenue	(11,401)	(7,522)	40.41		(303,964)
	75	Trans of Elec to Others-NCWHL	(56,918,760)	0	40.41		-
	76	Trans of Elec to Others-SCWHL	(25,311,998)	0	40.41		-
	77	Trans Charge PTP-Non-Firm-BPM & WO Sharing	(3,793,954)	(3,793,954)	40.41		(153,313,681)
	78	Total Revenues from Transm of Electricity to Others (L72 through L77)	(86,244,953)	(3,939,260)			(159,185,497)
	79	Total Acct 456 (L51 + L56 + L58 through L69 + L78)	(127,779,602)	(30,294,857)			(368,824,450)
	80	Utility Oper Revenues (L17 + L20+ L22 +L24 + L26 + L47 +L49 + L79)	(7,315,231,033)	(4,979,947,688)	38.01		(189,265,107,983)
	81	ELECTRIC OPERATING REVENUE	(7,315,231,033)	(4,979,947,688)			
	84						
	85	OPERATION AND MAINTENANCE EXPENSE:					
	86						
	87	Fuel Used in Electric Generation					
	88						
	89	Fossil					
5	90	Beneficial Reuse - Coal Ash	0501007	120,481,185	79,423,035	20.79	1,651,204,908
	91	Contra Fuel Exp BR Ash - SC	0501008	(28,538,740)	-		-
	92	Contra Fuel Exp BR Ash - WS	0501009	0	-		-
5	93	Coal Consumed Fossil Steam	0501110	747,365,798	492,674,936	20.79	10,242,711,930
5	94	Oil Consumed - Fossil Steam	0501310	5,771,526	3,804,678	10.00	38,046,780
5	95	Oil Light-Off - Fossil Steam	0501330	7,542,632	4,972,218	10.00	49,722,180
	96	Emission Allowances	0509000	5,450	3,596	0.00	-
	97	NOx Emission Expense	0509210	(30)	(20)	0.00	-
	98	RECS Consumption Expense	0509213	13,635,107	12,630,118	0.00	-
	99	Commissions/Brokerage Expense	0557450	21,600	14,251	26.80	381,880
	100	EA & Coal Broker Fees	0557451	4,625	3,051	0.00	-
	101						
	102	Nuclear					
	103	Burnup of Owned Fuel	0518100	307,787,905	202,898,483	0.00	-
	104	Canister Design Expense	0518620	338,622	223,409	0.00	-
	105						
	106	Other Production					
6	107	Natural Gas	0547100	23,821,600	15,703,562	38.00	596,735,356
	108	Natural Gas - CC	0547101	259,880,254	171,317,028	38.00	6,510,047,064
	109	Biogas Expense	0547106	996,324	656,792	38.00	24,958,096

Duke Energy Carolinas, LLC							
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Support	Line		Total YTD	NC Retail	Lead		
Sch #	No.	Total Utility Operating Revenue and Expense Line Description	Dec 2017	Jurisdictional Amount	\ Lag Days	Weighted	
	110	REC Biogas Contra Expense	(404,508)	(266,658)	38.00	(10,133,004)	
	111	IC Gas Purchases	11,387,785	7,507,002	38.00	285,266,076	
	112	Oil	3,711,900	2,446,941	38.00	92,983,758	
	113	Fuel Used in Elec Gen (HFM Greenbook I/S)	F_FUEL_USED_ELEC_GEN 1,473,809,036	994,012,423	19.60	19,481,925,024	
	114						
7	115	Purchased Power	0555XXX 348,770,283	231,120,265	39.00	9,013,690,335	
	116						
	117	Total Other O&M Excluding Fuel and Purchased Power					
	118						
8	119	Nuclear Fees in Acct 524	0524000 51,817,979	34,187,378	(34.15)	(1,167,498,959)	
	120						
	121	Labor					
9	122	Payroll Net of Deductions	427,972,177	292,982,787	40.43	11,845,294,078	
9	123	Payroll Deductions	278,369,096	190,566,952	9.78	1,863,744,791	
	124	Total Labor (Ln 149+150)	706,341,273	483,549,739	28.35	13,709,038,869	
	125						
10	126	Pension and Benefits	0926XXX 130,547,562	89,254,582	12.36	1,103,186,634	
	127						
11	128	Regulatory Commission Expense	0928000 11,375,477	7,901,083	72.31	571,327,312	
	129						
15	130	Property Insurance	0924XXX 10,862,755	7,383,136	(212.16)	(1,566,406,134)	
	131						
17	132	Injuries & Damages - Workman's Compensation	0925980 7,400,514	5,171,934	(145.50)	(752,516,397)	
	133						
	134	Remaining Other Oper & Maint Expense	1,001,879,049	701,702,443	39.98	28,054,063,688	
	135						
	136	Total O&M Excl. Fuel and Purch. Power	1,920,224,610	1,329,150,295	30.06	39,951,195,012	
	137						
	138	Total Operation and Maintenance Expense (L113 + L115 + L136)	3,742,803,929	2,554,282,983	26.80	68,446,810,371	
	139						
	140	Total Depreciation & Amortization & Property Loss	1,134,170,294	781,791,508	0.00	-	
	141						
	142	Taxes Other Than Income Taxes					
9	143	Payroll Taxes	46,582,702	31,853,838	9.33	297,196,309	
13	144	North Carolina Property Tax	106,165,393	78,521,714	186.50	14,644,299,661	
13	145	South Carolina Property Tax	132,014,761	79,966,798	196.50	15,713,475,807	
13	146	Other Non-Income Taxes	(7,441,533)	(4,888,683)	21.04	(102,857,890)	
	147	Taxes Other Than Income Taxes	277,321,324	185,453,667	164.74	30,552,113,886	
	148						
16	149	Total Interest on Customer Deposits	8,499,601	7,471,530	218.40	1,631,782,152	
	150						

Duke Energy Carolinas, LLC									
Docket No. E-7, Sub 1214									
Cash Working Capital Requirements for NC Retail Operations									
Revenue and Expense Lead-Lag Summary									
For the Test Year Ended December 31, 2017									
Support	Line			Total YTD	NC Retail	Lead		Weighted	
Sch #	No.	Total Utility Operating Revenue and Expense Line Description	Account	Dec 2017	Jurisdictional Amount	\ Lag Days		Amount	
	151	Net Income Taxes							
14	152	Federal Income Tax		212,429,582	143,446,030	44.75		6,419,209,843	
14	153	State Income Tax		19,575,054	13,218,328	44.75		591,520,178	
	154	Federal Income Tax - Deferred		352,901,899	238,872,663	0.00		-	
	155	State Income Tax - Deferred		33,602,511	22,690,562	0.00		-	
	156	Net Income Taxes		618,509,046	418,227,583	16.76		7,010,730,021	
	157								
	158	Investment of Tax Credit Adj Net	04114XX	(5,298,340)	(3,551,995)	0.00		-	
	159								
	160	Total Utility Operating Expenses (L138 + L140 + L147 + L149 + L151 + L153)		5,776,005,853	3,943,675,276	27.29		107,641,436,430	
	161								
	162	Net Utility Operating Income		1,539,225,180	1,036,272,412	0.00		-	
	163								
	164	Total Requirements (Ln 269+273)		7,315,231,033	4,979,947,688			107,641,436,430	
	165								
	166								
COS 923	167	Cash Working Capital Related to NC Sales Tax		6,694,345					

Appendix

Duke Energy Carolinas, LLC							
Docket No. E-7, Sub 1214							
Cash Working Capital Requirements for NC Retail Operations							
Revenue and Expense Lead-Lag Summary							
For the Test Year Ended December 31, 2017							
Line		NC Retail	Lead				
No.		Jurisdictional	\Lag			Weighted	
		Amount	Days			Amount	
1	Total Revenue Lag	(4,979,947,688)	38.01			(189,265,107,983)	
2	Operation and Maintenance Expense	2,554,282,983	26.80			68,446,810,371	
3	Depreciation and Amortization	781,791,508	0.00			0	
4	Taxes Other Than Income Taxes	185,453,667	164.74			30,552,113,886	
5	Interest on Customer Deposits	7,471,530	218.40			1,631,782,152	
6	Income Taxes	418,227,583	16.76			7,010,730,021	
7	Investment of Tax Credit	(3,551,995)	0.00			0	
8	Net Operating Income	1,036,272,412	0.00			0	
10	Total Requirements	4,979,947,688	21.61			107,641,436,430	
11	Revenue Lag Days		38.01				
12	Requirement Lead Days		21.61				
13	Net Lag Days		16.39				
14	Daily Requirements					13,643,692	
15	Cash Working Capital Requirements					223,626,497	
16	Working Capital Related to NC Sales Tax					6,694,345	
17	Total Cash Working Capital Requirements					230,320,842	

		Duke Energy Carolinas, LLC							
		Docket No. E-7, Sub 1214							
		Cash Working Capital Requirements for NC Retail Operations							
		Revenue and Expense Lead-Lag Summary							
		For the Test Year Ended December 31, 2017							
Support	Line			Total YTD	NC Retail	Lead		Weighted	
Sch #	No.	Total Utility Operating Revenue and Expense Line Description	Account	Dec 2017	Jurisdictional Amount	\ Lag Days		Amount	
	1	OPERATING REVENUES:							
	2								
	3	CBIS & MBAS Billing System							
Calc	4	Service Lag				15.21			
	5	Billing Lag							
	6	Total Retail Sales		(6,190,731,044)					
	7	Cycle & Non-Cycle Read Customers		(6,153,742,033)					
	8	Hourly Pricing (HP, HPX, HPF)		(17,239,443)					
	9	Parallel Generation (PG)		(1,481,690)					
	10	Governmental Lighting (PL)		(36,989,011)					
1	11	Total Billing Lag		(6,209,452,177)	(4,601,261,829)	1.74			
	12								
	13	Unbilled Revenue	0440.99, 0442.19, 0442.29, 0444.99	(20,628,546)	(14,921,709)				
	14								
2	15	Collection Lag				22.63			
	16								
	17	Total Revenue Lag Elec Delivery Rate Schedule (Ln 11 + 17)		(6,230,080,723)	(4,616,183,538)	39.58		(182,700,850,795)	
	18								
	19	BPM Billing System							
3	20	Total Revenue Lag Sales for Resale BPM		(555,060,872)	(36,446,619)	35.44		(1,291,668,177)	
	21								
	22	Total Miscellaneous Rider Revenue	0456500 - 0456570	(287,755,803)	(216,904,840)	0.00		-	
	23								
	24	Provisions For Rate Refunds	0449100	13,034,471	13,034,471	39.58		515,882,638	
	25								
	26	Forfeited Discounts	0450100, 0450200	(18,368,585)	(14,012,496)	70.00		(980,874,720)	
	27								
	28	Miscellaneous Revenues	0451100, 0451200	(10,801,723)	(8,240,106)	76.00		(626,248,056)	
	29								
	30	Rent - Joint Use	0454004	(133,305)	(97,798)	45.21		(4,421,448)	
	31								
	32	Rent from Electric Property							
	33	Extra Facilities - Depreciation	0454100	(7,930,359)	(6,150,488)	0.00		-	
	34	Extra Facilities - Other	0454100	(23,215,514)	(18,005,078)	39.58		(712,610,979)	
	35	Interconnection Cogeneration	0454110	(2,064,812)	(1,601,391)	39.58		(63,380,387)	
	36	Total Acct 0454.1 (Ln 33 through Ln 35)		(33,210,686)	(25,756,957)			(775,991,366)	
	37								
4	38	Pole & Line Attachments	0454200	(33,120,695)	(25,735,528)	143.39		(3,690,217,290)	
	39								
4	40	0454300 - Tower Lease Revenues	0454300	(13,042,761)	(6,826,747)	(93.97)		641,499,431	
4	41	0454400 - Other Electric Rents	0454400	(4,180,486)	(2,861,893)	45.21		(129,386,183)	
	42	0454500 - Leased Facilities Fee - Catawba (NCWHL)	0454500	(564,717)	0				
	43	0454500 - Leased Facilities Fee - Catawba (SCWHL)	0454500	(112,069)	0				
	44	0454510 - Return and Dep - Catawba Gen Plt	0454510	(14,020,857)	(9,598,451)	(15.21)		145,992,432	
	45	0454600 - Lease Revenue - CERT	0454600	0	0				
	46	0454601 -Other Miscellaneous Revenue - Timber Sales	0454720	(32,619)	(22,330)	0.00		-	
	47	Total Acct 454 (L30 + L36 through L46)		(98,418,195)	(70,899,703)			(3,812,524,422)	
	48								
	49	Subsidiary Cost of Capital	0455000	0	0	0.00		-	
	50								
	51	Other Electric Revenues	0456100	(2,779)	(1,904)	0.00		-	
	52								
	53	Distribution Charge - Network							

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		Revenue and Expense Lead-Lag Summary						
		For the Test Year Ended December 31, 2017						
Support	Line			Total YTD	NC Retail	Lead		
Sch #	No.	Total Utility Operating Revenue and Expense Line Description	Account	Dec 2017	Jurisdictional Amount	\ Lag Days		Weighted Amount
	54	North Carolina	0456102	(2,583,893)	0	0.00		-
	55	South Carolina	0456102	(1,547,711)	0	0.00		-
	56	Total Acct 456.102 (L54 + L55)		(4,131,604)	0			-
	57							
	58	Metering - Network NCWHL	0456103	(18,340)	0	0.00		
	59	Metering - Network SCWHL	0456103	(48,823)	0	0.00		
	60	Comp For Serv To Other (Catawba)	0456300	(18,226,583)	(12,477,622)	(15.21)		189,784,631
	61							
	62	Other Electric Revenues	0456610	(1,601,984)	(1,096,692)	36.03		(39,513,813)
	63							
	64	Gross Up-Contr in Aid of Const	0456630	(1,540,650)	(1,137,770)	(15.21)		17,305,482
	65							
	66	Deferred Dsm Costs - NC	0456640	(170,147)	(170,147)	0.00		-
	67	Deferred Dsm Costs - SC	0456650	0	0	0.00		-
	68	Other Revenue Affiliate	0456949	(13,703,408)	(9,381,130)	40.21		(377,215,253)
	69	Other Transmission Revenues	0456111	(2,090,331)	(2,090,331)	0.00		-
	70							
	71	Revenues from Transmission of Electricity to Others						
	72	Other Variable Revenues-Reg	0456001	(153,765)	(101,448)	40.41		(4,099,514)
	73	I/C Joint Disp - Trans NW Rev	0456016	(55,075)	(36,336)	40.41		(1,468,338)
	74	Transmission Study Revenue	0456050	(11,401)	(7,522)	40.41		(303,964)
	75	Trans of Elec to Others-NCWHL		(56,918,760)	0	40.41		-
	76	Trans of Elec to Others-SCWHL		(25,311,998)	0	40.41		-
	77	Trans Charge PTP-Non-Firm-BPM & WO Sharing		(3,793,954)	(3,793,954)	40.41		(153,313,681)
	78	Total Revenues from Transm of Electricity to Others (L72 through L77)		(86,244,953)	(3,939,260)			(159,185,497)
	79	Total Acct 456 (L51 + L56 + L58 through L69 + L78)		(127,779,602)	(30,294,857)			(368,824,450)
	80	Utility Oper Revenues (L17 + L20+ L22 +L24 + L26 + L47 +L49 + L79)		(7,315,231,033)	(4,979,947,688)	38.01		(189,265,107,983)
	81	ELECTRIC OPERATING REVENUE		(7,315,231,033)	(4,979,947,688)			
	84							
	85	OPERATION AND MAINTENANCE EXPENSE:						
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	87	Fuel Used in Electric Generation						
	88							
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	92	Contra Fuel Exp BR Ash - WS	0501009	0	-			-
5	93	Coal Consumed Fossil Steam	0501110	747,365,798	492,674,936	20.79		10,242,711,930
5	94	Oil Consumed - Fossil Steam	0501310	5,771,526	3,804,678	10.00		38,046,780
5	95	Oil Light-Off - Fossil Steam	0501330	7,542,632	4,972,218	10.00		49,722,180
	96	Emission Allowances	0509000	5,450	3,596	0.00		-
	97	NOx Emission Expense	0509210	(30)	(20)	0.00		-
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	99	Commissions/Brokerage Expense	0557450	21,600	14,251	26.80		381,880
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	102	Nuclear						
	103	Burnup of Owned Fuel	0518100	307,787,905	202,898,483	0.00		-
	104	Canister Design Expense	0518620	338,622	223,409	0.00		-
	105							
	106	Other Production						
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	111	IC Gas Purchases	0547124 11,387,785	7,507,002	38.00		285,266,076	
	112	Oil	0547200 3,711,900	2,446,941	38.00		92,983,758	
	113	Fuel Used in Elec Gen (HFM Greenbook I/S)	F_FUEL_USED_ELEC_GEN 1,473,809,036	994,012,423	19.60		19,481,925,024	
	114							
7	115	Purchased Power	0555XXX 348,770,283	231,120,265	39.00		9,013,690,335	
	116							
	117	Total Other O&M Excluding Fuel and Purchased Power						
	118							
8	119	Nuclear Fees in Acct 524	0524000 51,817,979	34,187,378	(34.15)		(1,167,498,959)	
	120							
	121	Labor						
9	122	Payroll Net of Deductions	427,972,177	292,982,787	40.43		11,845,294,078	
9	123	Payroll Deductions	278,369,096	190,566,952	9.78		1,863,744,791	
	124	Total Labor (Ln 149+150)	706,341,273	483,549,739	28.35		13,709,038,869	
	125							
10	126	Pension and Benefits	0926XXX 130,547,562	89,254,582	12.36		1,103,186,634	
	127							
11	128	Regulatory Commission Expense	0928000 11,375,477	7,901,083	72.31		571,327,312	
	129							
15	130	Property Insurance	0924XXX 10,862,755	7,383,136	(212.16)		(1,566,406,134)	
	131							
17	132	Injuries & Damages - Workman's Compensation	0925980 7,400,514	5,171,934	(145.50)		(752,516,397)	
	133							
	134	Remaining Other Oper & Maint Expense	1,001,879,049	701,702,443	39.98		28,054,063,688	
	135							
	136	Total O&M Excl. Fuel and Purch. Power	1,920,224,610	1,329,150,295	30.06		39,951,195,012	
	137							
	138	Total Operation and Maintenance Expense (L113 + L115 + L136)	3,742,803,929	2,554,282,983	26.80		68,446,810,371	
	139							
	140	Total Depreciation & Amortization & Property Loss	1,134,170,294	781,791,508	0.00		-	
	141							
	142	Taxes Other Than Income Taxes						
9	143	Payroll Taxes	46,582,702	31,853,838	9.33		297,196,309	
13	144	North Carolina Property Tax	106,165,393	78,521,714	186.50		14,644,299,661	
13	145	South Carolina Property Tax	132,014,761	79,966,798	196.50		15,713,475,807	
13	146	Other Non-Income Taxes	(7,441,533)	(4,888,683)	21.04		(102,857,890)	
	147	Taxes Other Than Income Taxes	277,321,324	185,453,667	164.74		30,552,113,886	
	148							
16	149	Total Interest on Customer Deposits	8,499,601	7,471,530	218.40		1,631,782,152	
	150							

		Duke Energy Carolinas, LLC							
		Docket No. E-7, Sub 1214							
		Cash Working Capital Requirements for NC Retail Operations							
		Revenue and Expense Lead-Lag Summary							
		For the Test Year Ended December 31, 2017							
Support	Line			Total YTD	NC Retail	Lead		Weighted	
Sch #	No.		Account	Dec	Jurisdictional	\ Lag		Amount	
		Total Utility Operating Revenue and Expense Line Description		2017	Amount	Days		Amount	
	151	Net Income Taxes							
14	152	Federal Income Tax		212,429,582	143,446,030	44.75		6,419,209,843	
14	153	State Income Tax		19,575,054	13,218,328	44.75		591,520,178	
	154	Federal Income Tax - Deferred		352,901,899	238,872,663	0.00		-	
	155	State Income Tax - Deferred		33,602,511	22,690,562	0.00		-	
	156	Net Income Taxes		618,509,046	418,227,583	16.76		7,010,730,021	
	157								
	158	Investment of Tax Credit Adj Net		04114XX	(5,298,340)	(3,551,995)	0.00	-	
	159								
	160	Total Utility Operating Expenses (L138 + L140 + L147 + L149 + L151 + L153)		5,776,005,853	3,943,675,276	27.29		107,641,436,430	
	161								
	162	Net Utility Operating Income		1,539,225,180	1,036,272,412	0.00		-	
	163								
	164	Total Requirements (Ln 269+273)		7,315,231,033	4,979,947,688			107,641,436,430	
	165								
	166								
COS 923	167	Cash Working Capital Related to NC Sales Tax		6,694,345					

Duke Energy Carolinas, LLC
Docket No. E-7, Sub 1214
Calculation of (Lead) Lag
Interest on Long Term Debt
12 Months Ended December 31, 2018

Line No.	Long Term Debt Account and Account Description	Amount O/S 31-Dec-18	Interest Rate	Annualized Interest 31-Dec-18	(Lead) Lag Days	Weighted Dollar Days
1	0221005 - 6.05% FMB due 4/15/2038	\$ 600,000,000	6.050%	\$ 36,300,000	91.25	\$ 3,312,375,000
2	0221055 - \$500M 3.90% FMB due 6/15/21	500,000,000	3.900%	19,500,000	91.25	1,779,375,000
3	0221062 - \$650M 4% FMB due 09/30/2042	650,000,000	4.000%	26,000,000	91.25	2,372,500,000
4	0221094 - \$550M 3.7% FMB due 12/1/2047	550,000,000	3.700%	20,350,000	91.25	1,856,937,500
5	0221096 - \$500M 3.05% FMB due 3/15/2023	500,000,000	3.050%	15,250,000	91.25	1,391,562,500
6	0221097 - \$500M 3.95% FMB due 3/15/2048	500,000,000	3.950%	19,750,000	91.25	1,802,187,500
7	0221160 - 8.95% Grnsboro Transit Due2027	9,011,177	8.950%	744,432	182.50	135,858,857
8	0221240 - Sr Unsecured Bds Due 10/15/32	350,000,000	6.450%	22,575,000	91.25	2,059,968,750
9	0221284 - \$650M 4.25% FMB due 12/15/41	650,000,000	4.250%	27,625,000	91.25	2,520,781,250
10	0221285 - \$750M 5.3% FMB due 2/15/2040	750,000,000	5.300%	39,750,000	91.25	3,627,187,500
11	0221286 - \$450M 4.3% FMB due 6/15/2020	450,000,000	4.300%	19,350,000	91.25	1,765,687,500
12	0221287 - \$350M 3.35% FMB due 5/15/2022	350,000,000	3.350%	11,725,000	91.25	1,069,906,250
13	0221288 - \$650M 3.95% FMB due 11/15/2028	650,000,000	3.950%	25,675,000	91.25	2,342,843,750
14	0221380 - Series A 6% Snr Notes Due 2028	300,000,000	6.000%	18,000,000	91.25	1,642,500,000
15	0221801 - \$500M 6.1% Sr Nte due 6/1/37-L	500,000,000	6.100%	30,500,000	91.25	2,783,125,000
16	0221803 - \$500M 6.0% FMB due 1/15/38	500,000,000	6.000%	30,000,000	91.25	2,737,500,000
17	0221856 - \$500M 3.75% FMB due 6/1/2045	500,000,000	3.750%	18,750,000	91.25	1,710,937,500
18	0221857 - \$500M 2.5% FMB due 3/15/23	500,000,000	2.500%	12,500,000	91.25	1,140,625,000
19	0221858 - \$500M 3.875% FMB due 3/15/2046	500,000,000	3.875%	19,375,000	91.25	1,767,968,750
20	0221859 - \$600M 2.95% FMB due 12/1/26	600,000,000	2.950%	17,700,000	91.25	1,615,125,000
21	0223306 - Intercompany Notes Payable LT	300,000,000		8,382,000	0.00	-
22	0224560 - Long-Term Debt Derf Due 9/5/06	450,000,000		15,573,000	15.21	236,865,330
23	0224610 - Pollution Control Fin Due 2017	71,605,000	4.375%	3,132,719	91.25	285,860,609
24	0224620 - PC Bonds 2006B 10-1-2031	71,595,000	4.375%	3,132,281	91.25	285,820,641
25	0224804 - PC Bonds 2007A 11/01/2040	50,000,000	4.625%	2,312,500	91.25	211,015,625
26	0224805 - PC Bonds 2007B 11/01/2040	50,000,000	4.625%	2,312,500	91.25	211,015,625
27	Capital Lease - Buck Pipeline	8,264,547	12.132%	525,615	15.21	7,994,602
28	Capital Lease - Cliffside PSNC Pipeline	51,896,720	12.089%	6,193,050	15.21	94,196,283
29	Capital Lease - Dan River Pipeline	6,488,507	16.791%	1,065,819	15.21	16,211,105
30	Capital Lease - Dan River Water Heaters	1,842,289	10.446%	188,948	15.21	2,873,900
31	Capital Lease - Lee CC	40,778,312	13.550%	5,453,632	15.21	82,949,741
32						
33	Total	\$ 11,011,481,552		\$ 479,691,495	85.20	\$ 40,869,756,068
34						
35						
36	Total Long Term Debt included in Lead Calculation	\$ 11,011,481,552				
37	Fair Value Hedge - g/l on cancelled swaps	5,061,570				
38	Unamortized Debt Discount/Premium	(23,479,383)				
39	Unamortized Debt Issuance Costs	(53,940,186)				
40	Tie to E-1 #34b	\$ 10,939,123,553				

Duke Energy Carolinas, LLC

Lead-Lag Study

January 2020

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Jan 19 2023



Building a better
working world



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ey.com

January 8, 2020

Abbe Greenfield
Rate Case Planning & Execution, Duke Energy Carolinas, LLC
526 South Church Street
Charlotte, NC 28202

Mrs. Greenfield:

We have completed our procedures with respect to analyzing a detailed lead-lag study for Duke Energy Carolinas, LLC ("the Company" or "DEC") focused on retail operations in the state of North Carolina. Our procedures were performed in accordance with our Statement of Work, dated April 19, 2018. Our report consists of three parts. We summarize our scope, approach and findings in a narrative executive summary; we present our detailed findings in a schedule that provides the lag and lead days by revenue and expense component used by DEC in its cost of service filings; and we provide an appendix that provides the company's summary calculations with a reference to 19 underlying detail schedules.

The information provided in this report is intended to be used to support the Company's request for a cash working capital allowance to be included in the Company's requested rate base to be authorized by the North Carolina Utility Commission. The report is not intended to be, and should not be, used without our prior written consent by any other party or for any other purpose. Our calculations relied on underlying accounting information provided by the Company. We did not audit that underlying accounting information.

We value the opportunity to work with you and appreciate the cooperation and assistance provided. We would be pleased to discuss any aspect of our work or this report with you or other members of management at your convenience. If you have questions, please call Jake Van Reen at (617) 375-2446.

Thank you,

Jake Van Reen

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Jan 19 2023

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Executive Summary

1.1. Organization of Report

This report is composed of three parts: Executive Summary, Detailed Findings, and Appendix.

The Executive Summary provides background on the engagement, the purpose and scope of the lead-lag study, the standards applied and the relation to previous studies, and a discussion of key findings.

The Detailed Findings are provided in a DEC Lead-Lag Summary schedule contained within E-1 Item 14. This schedule provides the lag and lead days by revenue and expense component used by the Company in its cost of service filings. The summary was agreed to the underlying supporting schedules.

1.2. Background

Duke Energy Company, LLC ("Duke") engaged Ernst & Young ("EY") to support the preparation of a lead-lag study for Duke's retail operations in the state of North Carolina. The study will be used to support the Company's request for a cash working capital allowance to be included in the requested rate base. This report presents the methodology and approach used in the study and the results covering the twelve-month period ending December 31, 2017, subject to known changes.

The Company last presented a lead-lag study to the North Carolina Utility Commission ("NCUC" or the "Commission") for the twelve-month period ending December 31, 2009. This report presents the lead-lag study in the same general format and applies the same methodologies where applicable. Since that time, there are assumed to have been no significant changes in the operating and regulatory environments that would materially affect the calculation of the cash working capital requirements. To confirm this assumption, EY interviewed Duke personnel and a contractor responsible for compiling the study. EY also analyzed certain of the Company's financial statements and riders to DEC's regulatory requirements for the same purpose.

Changes from report previously filed on May 22, 2019

Total Cash Working Capital Requirements decreased by \$8.2M as compared to the previously

filed report.

Cash Working Capital Requirements decreased due to the following adjustments:

- Payroll deductions and payroll taxes – Within payroll deductions and payroll taxes, amounts related to incentive compensation were identified. The service period related to these amounts was adjusted to correspond to the service period for incentive compensation. Adjustments to payroll deductions result in a (\$10.6M) decrease, while adjustments to payroll taxes result in a (\$3.7M) decrease.
- Regulatory commission expense – Regulatory commission expense related to the South Carolina PSC was included in the original study. Removing this item resulting in a (\$379K) decrease.

Cash Working Capital Requirements increased due to the following adjustments:

- Pension and benefits – For account 1B410 (Undergrad Tuition Reimbursement), the payment date was adjusted for a January payment. This adjustment results in a \$37K increase.
- Property insurance – Line items related to account 0924980 were not calculated correctly in the original study due to an erroneous relative cell reference, resulting in a \$5.3M increase.
- Other O&M expense – Other O&M expense in the final Cost of Service decreased by \$1.5M from the Cost of Service version used for the original study. Additionally, uncollectible accounts were broken out separately and a zero-day expense lead was applied consistent with NCUC practice. These two adjustments result in a net increase of \$1.1M to cash working capital requirements.

1.3. Cash Working Capital

1.3.1. Purpose of lead-lag study

The lead-lag study is designed to measure the average amount of capital, over and above the investments in plant, and other separately identified rate base items, provided by investors to bridge the gap between the time expenditures are required to provide service and the time collections of revenues are received for the service. This quantity is referred to as cash working capital. Cash working capital is more comprehensive than simply financing the lag between

Company payments and receipts, as investor capital is required to finance the lag in the recovery of the entire cost of service, including depreciation and cost of capital.

1.3.2. Cash working capital requirement

A requirement for cash working capital represents the amount necessary to provide the utility with an opportunity to appropriately earn an authorized return on all capital invested in utility operations. Unless all capital supplied by investors has that opportunity, investors will not be fully compensated for the capital supplied and the objective of the cash working capital requirement will not be met. Consequently, the key test of the adequacy of the cash working capital requirement should be whether the inclusion of such an amount when added to net utility plant and other items includible in the rate base will produce a fair representation of the capital on which there should be an opportunity to earn a return.

1.3.3. Lead-lag study methodology

To the extent applicable, this study tracks the methodology used in the previous rate filings of the Company and decisions of the NCUC.

The lead-lag study measures the difference in time frames between: (1) when service is rendered and the revenue for that service is received ("revenue lag"); and (2) when the costs of providing service are incurred (including costs of fuel and purchased power, labor, materials, services, etc.) and the time for which those costs are paid ("expense lead"). The difference between these lag periods is expressed in terms of days. The calculated number of days multiplied by the average daily operating revenues or cost of service produces the cash working capital required by the Company.

To fully identify cash working capital requirements, there are additions and deductions to the amount calculated in the lead-lag study. This is done to adjust for items not accounted for in rate base. For example, we must add operational cash requirements and add or deduct any other requirements for, or sources of, cash working capital (such as prepayments, reserves, and items capitalized prior to payment). In previous rate case proceedings, these adjustments have been considered separately from the lead-lag study, so they are not considered in this report.

1.3.4. Results of lead-lag study for DEC retail electric operations

The following section provides a summary of the most significant revenue lags and expense leads calculated. Additional detailed identification of the calculated revenue lags and expense leads is included in the attached schedule entitled E-1 Item 14 ("the summary schedule").

1.4. Revenue Lag

The revenue lag measures the time between service delivery to customers and the collection of revenue for service from customers. For the year ending December 31, 2017, approximately 99% of North Carolina retail jurisdictional revenue was received from cycle billed customers (customers billed on a periodic basis) and the large customer billing group, DEC's Customer Billing Information System (CBIS) and Lodestar Billing Expert systems, respectively.

The revenue lag for these services is the sum of three components: (i) service lag, (ii) billing lag and (iii) collection lag.

The first component is service lag. The Company reads the meters on a monthly basis; therefore the average time between meter reads is 30.42 days (365 days in a year divided by 12 monthly meter reads). Dividing by two provides the midpoint in time, or the average time between when service is provided and the meter read, for a service lag of 15.21 days. (See summary schedule line 4.)

The second component of the total revenue lag is billing lag, the time from the meter reading to when the customer is billed and the bill is posted in the Company's accounts receivable system. Most customers are billed the next business day after the meter is read. Taking into account weekends and holidays, the calculation of the total billing lag is 1.74 days. (See summary schedule line 11.) This amount differs from the previous study, which deemed the billing lag to be at approximately half a day, as the previous study did not account for weekends and holidays.

The third component of the total revenue lag is the collection lag, the period from the billing date to the time the customer pays their bill (i.e., the date cash payments are credited on the accounts receivable records). This component of the revenue lag is measured by dividing average daily accounts receivable (based on a thirteen-month average) by average daily sales.

Collection policies for retail operations in North Carolina are governed by NCUC rules. We calculated the collection lag to be 22.63 days. (See summary schedule line 15.)

Adding these three components together produced a total lag of 39.58 days in the collection of revenues for services provided to cycle-read and large customer billing group customers on electric delivery rate schedules. (See summary schedule line 17.)

EY did not factor in the potential impact of float. The Company experiences two float periods - the time from when funds are received from customers until the funds clear the banks, and the time between when the Company sends a check to pay for services and when those checks are deposited. In the first instance, the Company's cash requirements are increased by the float (i.e. funds are not actually available until after the deposits clear). However, in the second instance, the Company's cash requirements are reduced by the float. Given the relative levels of electronic funds transfers in the Company's payments versus in its receipts, we are confident that the float for revenue is larger than the float for expense. Accordingly, excluding float in this instance is a conservative assumption that would not harm the ratepayer.

In addition to the above, the Company records a variety of additional and miscellaneous revenues which are also applicable to the North Carolina retail jurisdiction. These include intersystem sales for resale, miscellaneous riders (unbilled fuel and deferred revenue), provisions for refunds, forfeited discounts, rental income, pole and line attachment, and revenue from the transmission of electricity to others. To calculate the overall average revenue lag, we calculated the revenue lags for each of the additional and miscellaneous revenues. The total revenue lag for DEC is 38.01 days. (See summary schedule line 80.)

1.5. Expense lead

There are several major categories of expense including:

- O&M Fuel
- O&M Purchased Power
- Labor and Benefits
- Other specifically identified O&M
- Other O&M sampled

- Depreciation and Amortization
- Taxes other than Income
- Interest on Customer Deposits
- Income Taxes
- Net Operating Income

Each of the above are described in more detail below.

1.5.1. O&M Fuel

O&M Fuel costs consist of coal, oil, and natural gas purchases. Fuel is the largest cost category, accounting for approximately 20% of the cost of service for the year ending December 31, 2017. Coal costs include two major components: coal commodity purchases and coal transportation costs. The cost of coal purchases and transportation are inventoried and, by NCUC precedent, coal fuel inventories are included in rate base. However, the cash working capital requirement must recognize the cash available to the Company stemming from the time between receipt of coal and the subsequent payment of the fuel or transportation invoice.

DEC receives thousands of coal deliveries at its coal generating stations each year. DEC employs the following coal payment terms: (i) contract deliveries made between the 1st and 15th of the current month are paid by the 30th of the current month or contract deliveries made between the 16th and 31st of the current month are paid by the 15th of the following month (22.5 days); (ii) contract deliveries made between the 1st and 15th of the current month are paid by the 15th of the following month or contract deliveries made between the 16th and 31st of the current month are paid by the 30th of the following month (37.5 days); (iii) contract deliveries made between the 1st and 31st of the current month are paid by the 30th of the following month (45 days); (iv) contract deliveries made between the 1st and 15th of the current month are paid by the 25th of the current month or contract deliveries made between the 16th and 31st of the current month are paid by the 10th of the following month (17.5 days); (v) contract deliveries made between the 1st and 31st of the current month are paid by the 20th of the following month (35 days); and (vi) contract deliveries paid 10 days after ship date (10 days). Vendor contracts require DEC payments to be received by the vendor by the noted due date.

DEC employs the following vendor coal transportation contract terms: (i) coal freight payments 15 days after the ship date (15 days); (ii) coal freight received between the 1st and 15th of the current month are paid by the 30th of the current month or coal freight received between the 16th and 31st of the current month are paid by the 15th of the following month (22.5 days). The weighted average coal and coal freight expense lead is 20.79 days. (See summary schedule line 93.)

Nuclear fees have a calculated expense lead of (34.15) days. (See summary schedule line 119.)

Small amounts of oil and natural gas are also used as a fuel for generation. Unlike coal or oil, natural gas is not stored and inventoried, rather it is purchased as it is used to generate electricity. Therefore, the expense lag for natural gas is computed conventionally as the difference between the service period and the date of payment. Since Duke is not storing natural gas to be used for generation, the service period is considered to be the mid-point of the billing period from the gas supplier, and the payment date is simply the date of payment. We calculated the natural gas invoices and their computed expense leads as 38.00 days. (See summary schedule line 107.)

1.5.2. O&M Purchased Power

DEC provided listings of all transactions for each of the purchased power accounts for our analysis. We weighted the individual invoices by dollar amount, resulting in an overall expense lead of 39.00 days. (See summary schedule line 115.)

1.5.3. O&M Labor and Benefits

Labor and benefits comprised approximately 12% of the cost of service for the year ending December 31, 2017. Labor costs fall into three categories: net payroll, deductions from payroll, and taxes. In turn, the Company's payroll consists of two primary categories, semi-monthly payroll and bi-weekly payroll, with lesser amounts of incentive pay. We identified each pay period and the payment dates corresponding to that pay period. Similarly, for payroll related deductions we identified when the payments were made for each deduction type corresponding to each pay period, including identifying the deductions related to incentive compensation. We performed similar analyses on taxes, looking at pay periods the taxes applied to and when the tax payments were made, including identifying the taxes related to incentive compensation.

1.5.4. Other Specifically Identified O&M

Other specifically identified O&M categories include the following accounts:

- Uncollectible accounts
- Regulatory expenses
- Insurance expenses
- Injuries and damages – workers compensation

Uncollectible accounts expenses result from the timing of the write-off of customer accounts receivable as uncollectible. By NCUC practice, these expenses are valued at zero days expense lead. (See summary schedule line 134.)

We calculated expense lead days for regulatory expenses, insurance expenses and injuries and damages expenses by analyzing service periods, payment amounts and payment patterns. Insurance expenses and injuries and damages are payments for insurance policies. By their nature, insurance policies are paid prior to the service period for coverage; both have negative expense leads. (See summary schedule lines 130 and 132.)

1.5.5. Other O&M Sampled

To determine the expense lead for other O&M not specifically analyzed (summary schedule line 136), the Company provided EY with a listing of cash disbursements for the twelve-month period ending December 31, 2017. We removed records for capital costs, non-electric O&M costs, and any costs already analyzed, resulting in a sample population consisting of \$757,657,609 and 38,262 rolled vouchers (Note: there were over 510,000 records, but multiple disbursements were made on the same voucher; since the voucher was the unit sampled, the records were rolled up to the voucher level). From that population, a stratified random sample in nine strata, based on the invoice dollar amount, was selected (274 total selections) for sample testing. For each item sampled, the supporting documentation was obtained and analyzed. For purposes of the analysis, service period information was either provided by Duke based on the supporting documentation or, in instances where the service period was not available, the invoice date was provided. The paid dates utilized in the analysis were taken from the Company's payables ledger.

The estimated weighted average expense lead calculated from the sample was 39.98 days, plus or minus 5.85 days with 90% confidence. This contrasts to the 25.72 days calculated for the other O&M sample from the previous lead-lag study. When asked about the increase in days, the client informed us that Duke has 45-day payment terms, and has been following these more closely than previously. EY used statisticians to sample the Other O&M population.

In addition, approximately 2% of the other O&M were employee expenses. These were included in our sample, and for large dollar amounts the service period and payment date were provided. For the remainder, we calculated the average lead lag days based on the credit card payment dates; this made up 63% of the sample. All credit cards have the same cut off dates for service periods and the same payment dates. As a result, these were not sampled. Rather the expense lead was calculated as the average time from the midpoint of the service period to the payment date.

1.5.6. Depreciation and Amortization

Expenses for depreciation and amortization are the result of prior cash transactions that are not initially charged to expense. A zero lag is applied because the expense is deducted from rate base when the expense is recorded. By way of example, investors supply cash for capital investments such as plant assets. A cash transaction occurs when a plant asset is acquired. The plant asset is included in rate base and the cash investment earns a return until depreciation expense is recorded. When depreciation expense is recorded, the amount of the expense is removed from rate base and the expense becomes recoverable in cost of service. However, the cash is not recovered until revenues are collected (e.g., after the revenue lag). Thus, depreciation expense is included in the lead-lag study with a zero-expense lead to provide a return for the period from when the depreciation expense is booked and removed from rate base until it is recovered from revenues. (See summary schedule line 142.)

1.5.7. Taxes Other than Income

Expense leads for taxes other than income taxes consider the timing between when the taxes are assessed, and the related service period. Some taxes are assessed and paid prior to the start of the service period and others are paid after a significant portion of the service period has occurred. Overall the average expense lead on taxes other than income for the period

ending December 31, 2017 was 171.93 days. (See summary schedule line 149.) Per the 2009 lead-lag study, the average expense lead on taxes other than income was 83.21. The increase in the number of lead lag days is the result of tax reform occurring in 2014, which significantly reduced the franchise tax (historically paid soon after each billing cycle). This had previously offset the impact of property taxes, which are paid nearly a year after the service period begins. Additionally, there was a considerable increase in the level of property taxes between 2009 and 2017.

1.5.8. Interest on Customer Deposits

Interest is credited to customers who are required to maintain deposits, and the interest is paid either when the deposit is returned or at periodic intervals. The expense lead on customer deposits is 218.40 days. (See summary schedule line 151.)

1.5.9. Income Taxes

Income taxes has two major components, current and deferred income taxes. In turn, current income taxes include taxes for the current year and taxes for prior periods. The expense lead for current income taxes for the current year is the result of the statutory payment dates. Similar to the rationale for depreciation expense, the deferred tax expense lead is zero days because net deferred tax liabilities are deducted from rate base when the expense is recorded. The expense lead on Net Income Taxes is 16.76 days. (See summary schedule line 158.)

1.5.10. Net Operating Income

Net operating income is the return on invested capital, just as depreciation expense is a return on invested capital. Like depreciation expense, a zero lag was assigned to net operating income in recognition of the fact that the return is earned when the service is provided. Because the return is earned when the service is provided, it would be inappropriate to consider subsequent below the line treatment of net operating income. Therefore we did not further analyze the subsequent use of net operating income for interest, dividends or reinvestment.

1.5.11. Cash Working Capital Impacts of Pass Through Items

As noted, to fully identify the cash working capital requirements, to the amount calculated in the lead lag study we must add operational cash requirements and add or deduct any other requirements for or sources of cash working capital. One item the Company has not included

elsewhere and is therefore considered here is pass through taxes. Pass through taxes are similar to taxes other than income except the payment is due from customers not the company. The primary pass through tax is the North Carolina utility sales tax. The Company collects these pass-through taxes from customers in their bills and pays the tax to the State. The tax is not a Company expense because the Company is merely a conduit of the payments from customers to the state. But, to the extent the Company pays the tax before the funds are received from customers, investors in the Company need to provide the cash to finance the time between payment and recovery. The impact on total DEC cash working capital requirements due to the NC sales pass through tax is \$6,694,345. (See summary schedule line 169.)

Conclusion

We have calculated the revenue lag days and expense lead days documented in the schedule described above. We have also tested the reasonableness of the results based on both a logical review of the revenue and expense items using business operating parameters, and on a comparison to historical results. Based on our analyses, we conclude that these revenue lag days and expense lead days are reasonable and calculated properly.

Detailed Findings

The revenue lag and expense lead calculations developed in this study are overall quite similar when compared to the 2009 calculations, indicating there have been no significant changes in the operating and regulatory environments that would materially affect the overall calculation of the cash working capital requirements. The calculated overall revenue lag is 38.01 days versus 38.62 days in the prior study, reflecting a stable revenue lag.

On the expense side there appears to be some variability in the calculated expense leads among individual expense line items. However, the overall expense lead of 22.21 days is fairly consistent with the 19.48 days in the prior study.

Among individual expense items, the expense lead for Taxes Other than Income was considerably different. The current study calculated this lead at 171.93 days, versus 83.21

days previously. This is driven by the 2014 tax reform, which significantly reduced the amount of franchise tax paid. This tax, which was historically paid soon after each billing cycle, had previously offset the long lead of property taxes. Since this account has decreased by over \$100 million from the 2009 study, there are limited transactions to offset the long lead of property taxes.

As previously noted, the expense lead for other O&M not separately analyzed increased to 39.98 days, due to stricter adherence to DEC's 45-day payment terms.

The cash working capital requirement is currently calculated at \$215.5 million. When factoring in NC Sales Tax, this amount increases to \$222.2 million, representing an approximately \$17.2 million increase from the previous study. This appears to be predominantly driven by a higher daily requirement, representing normal growth and inflation from the time of the previous study. Items like Other Income Taxes had a minimizing effect by expanding the Requirement Lead Days, but normal growth and inflation still requires a larger Cash Working Capital Requirement.

Appendix

Duke Energy Carolinas, LLC					
Cash Working Capital Requirements for NC Retail Operations					
Revenue and Expense Lead-Lag Summary					
For the Test Year Ended December 31, 2017					
Line		NC Retail	Lead		
No.		Jurisdictional	\Lag	Weighted	
		Amount	Days	Amount	
1	Total Revenue Lag	(4,979,947,688)	38.01	(189,265,107,983)	
2	Operation and Maintenance Expense	2,552,765,002	27.46	70,093,254,867	
3	Depreciation and Amortization	781,791,508	0.00	0	
4	Taxes Other Than Income Taxes	185,453,667	171.93	31,884,878,468	
5	Interest on Customer Deposits	7,471,530	218.40	1,631,782,152	
6	Income Taxes	418,227,583	16.76	7,010,730,021	
7	Investment of Tax Credit	(3,551,995)	0.00	0	
8	Net Operating Income	1,037,790,393	0.00	0	
10	Total Requirements	4,979,947,688	22.21	110,620,645,508	
11	Revenue Lag Days		38.01		
12	Requirement Lead Days		22.21		
13	Net Lag Days		15.79		
14	Daily Requirements			13,643,692	
15	Cash Working Capital Requirements			215,464,281	
16	Working Capital Related to NC Sales Tax			6,694,345	
17	Total Cash Working Capital Requirements			222,158,626	

DE CAROLINAS, LLC		Duke Energy Carolinas, LLC					
INCOME STATEMENT		Cash Working Capital Requirements for NC Retail Operations					
		Revenue and Expense Lead-Lag Summary					
		For the Test Year Ended December 31, 2017					
Support	Line			Total YTD	NC Retail	Lead	Weighted
Sch #	No.	Total Utility Operating Revenue and Expense Line Description	Account	Dec 2017	Jurisdictional Amount	\ Lag Days	Amount
	1	OPERATING REVENUES:					
	2						
	3	CBIS & MBAS Billing System					
Calc	4	Service Lag				15.21	
	5	Billing Lag					
	6	Total Retail Sales		(6,190,731,044)			
	7	Cycle & Non-Cycle Read Customers		(6,153,742,033)			
	8	Hourly Pricing (HP, HPX, HPF)		(17,239,443)			
	9	Parallel Generation (PG)		(1,481,690)			
	10	Governmental Lighting (PL)		(36,989,011)			
1	11	Total Billing Lag		(6,209,452,177)	(4,601,261,829)	1.74	
	12						
	13	Unbilled Revenue	0440.99, 0442.19, 0442.29, 0444.99	(20,628,546)	(14,921,709)		
	14						
2	15	Collection Lag				22.63	
	16						
	17	Total Revenue Lag Elec Delivery Rate Schedule (Ln 11 + 17)		(6,230,080,723)	(4,616,183,538)	39.58	(182,700,850,795)
	18						
	19	BPM Billing System					
3	20	Total Revenue Lag Sales for Resale BPM		(555,060,872)	(36,446,619)	35.44	(1,291,668,177)
	21						
	22	Total Miscellaneous Rider Revenue	0456500 - 0456570	(287,755,803)	(216,904,840)	0.00	-
	23						
	24	Provisions For Rate Refunds	0449100	13,034,471	13,034,471	39.58	515,882,638
	25						
	26	Forfeited Discounts	0450100, 0450200	(18,368,585)	(14,012,496)	70.00	(980,874,720)
	27						
	28	Miscellaneous Revenues	0451100, 0451200	(10,801,723)	(8,240,106)	76.00	(626,248,056)
	29						
	30	Rent - Joint Use	0454004	(133,305)	(97,798)	45.21	(4,421,448)
	31						
	32	Rent from Electric Property					
	33	Extra Facilities - Depreciation	0454100	(7,930,359)	(6,150,488)	0.00	-
	34	Extra Facilities - Other	0454100	(23,215,514)	(18,005,078)	39.58	(712,610,979)
	35	Interconnection Cogeneration	0454110	(2,064,812)	(1,601,391)	39.58	(63,380,387)
	36	Total Acct 0454.1 (Ln 33 through Ln 35)		(33,210,686)	(25,756,957)		(775,991,366)
	37						
4	38	Pole & Line Attachments	0454200	(33,120,695)	(25,735,528)	143.39	(3,690,217,290)
	39						
4	40	0454300 - Tower Lease Revenues	0454300	(13,042,761)	(6,826,747)	(93.97)	641,499,431
4	41	0454400 - Other Electric Rents	0454400	(4,180,486)	(2,861,893)	45.21	(129,386,183)
	42	0454500 - Leased Facilities Fee - Catawba (NCWHL)	0454500	(564,717)	0		
	43	0454500 - Leased Facilities Fee - Catawba (SCWHL)	0454500	(112,069)	0		
	44	0454510 - Return and Dep - Catawba Gen Plt	0454510	(14,020,857)	(9,598,451)	(15.21)	145,992,432
	45	0454600 - Lease Revenue - CERT	0454600	0	0		
	46	0454601 - Other Miscellaneous Revenue - Timber Sales	0454720	(32,619)	(22,330)	0.00	-
	47	Total Acct 454 (L30 + L36 through L46)		(98,418,195)	(70,899,703)		(3,812,524,422)
	48						
	49	Subsidiary Cost of Capital	0455000	0	0	0.00	-
	50						
	51	Other Electric Revenues	0456100	(2,779)	(1,904)	0.00	-
	52						

Support Sch #	Line No.	Total Utility Operating Revenue and Expense Line Description	Account	Total YTD Dec 2017	NC Retail Jurisdictional Amount	Lead Lag Days	Weighted Amount
	53	Distribution Charge - Network					
	54	North Carolina	0456102	(2,583,893)	0	0.00	-
	55	South Carolina	0456102	(1,547,711)	0	0.00	-
	56	Total Acct 456.102 (L54 + L55)		(4,131,604)	0		-
	57						
	58	Metering - Network NCWHL	0456103	(18,340)	0	0.00	
	59	Metering - Network SCWHL	0456103	(48,823)	0	0.00	
	60	Comp For Serv To Other (Catawba)	0456300	(18,226,583)	(12,477,622)	(15.21)	189,784,631
	61						
	62	Other Electric Revenues	0456610	(1,601,984)	(1,096,692)	36.03	(39,513,813)
	63						
	64	Gross Up-Contr in Aid of Const	0456630	(1,540,650)	(1,137,770)	(15.21)	17,305,482
	65						
	66	Deferred Dsm Costs - NC	0456640	(170,147)	(170,147)	0.00	-
	67	Deferred Dsm Costs - SC	0456650	0	0	0.00	-
	68	Other Revenue Affiliate	0456949	(13,703,408)	(9,381,130)	40.21	(377,215,253)
	69	Other Transmission Revenues	0456111	(2,090,331)	(2,090,331)	0.00	-
	70						
	71	Revenues from Transmission of Electricity to Others					
	72	Other Variable Revenues-Reg	0456001	(153,765)	(101,448)	40.41	(4,099,514)
	73	I/C Joint Disp - Trans NW Rev	0456016	(55,075)	(36,336)	40.41	(1,468,338)
	74	Transmission Study Revenue	0456050	(11,401)	(7,522)	40.41	(303,964)
	75	Trans of Elec to Others-NCWHL		(56,918,760)	0	40.41	-
	76	Trans of Elec to Others-SCWHL		(25,311,998)	0	40.41	-
	77	Trans Charge PTP-Non-Firm-BPM & WO Sharing		(3,793,954)	(3,793,954)	40.41	(153,313,681)
	78	Total Revenues from Transm of Electricity to Others (L72 through L77)		(86,244,953)	(3,939,260)		(159,185,497)
	79	Total Acct 456 (L51 + L56 + L58 through L69 + L78)		(127,779,602)	(30,294,857)		(368,824,450)
	80	Utility Oper Revenues (L17 + L20+ L22 +L24 + L26 + L47 +L49 + L79)		(7,315,231,033)	(4,979,947,688)	38.01	(189,265,107,983)
	81	ELECTRIC OPERATING REVENUE		(7,315,231,033)	(4,979,947,688)		
	84						
	85	OPERATION AND MAINTENANCE EXPENSE:					
	86						
	87	Fuel Used in Electric Generation					
	88						
	89	Fossil					
5	90	Beneficial Reuse - Coal Ash	0501007	120,481,185	79,423,035	20.79	1,651,204,908
	91	Contra Fuel Exp BR Ash - SC	0501008	(28,538,740)	-		-
	92	Contra Fuel Exp BR Ash - WS	0501009	0	-		-
5	93	Coal Consumed Fossil Steam	0501110	747,365,798	492,674,936	20.79	10,242,711,930
5	94	Oil Consumed - Fossil Steam	0501310	5,771,526	3,804,678	10.00	38,046,780
5	95	Oil Light-Off - Fossil Steam	0501330	7,542,632	4,972,218	10.00	49,722,180
	96	Emission Allowances	0509000	5,450	3,596	0.00	-
	97	NOx Emission Expense	0509210	(30)	(20)	0.00	-
	98	RECS Consumption Expense	0509213	13,635,107	12,630,118	0.00	-
	99	Commissions/Brokerage Expense	0557450	21,600	14,251	26.80	381,880
	100	EA & Coal Broker Fees	0557451	4,625	3,051	0.00	-
	101						
	102	Nuclear					
	103	Burnup of Owned Fuel	0518100	307,787,905	202,898,483	0.00	-
	104	Canister Design Expense	0518620	338,622	223,409	0.00	-
	105						

Support	Line			Total YTD	NC Retail	Lead	
Sch #	No.	Total Utility Operating Revenue and Expense Line Description	Account	Dec 2017	Jurisdictional Amount	\ Lag Days	Weighted Amount
	106	Other Production					
6	107	Natural Gas	0547100	23,821,600	15,703,562	38.00	596,735,356
	108	Natural Gas - CC	0547101	259,880,254	171,317,028	38.00	6,510,047,064
	109	Biogas Expense	0547106	996,324	656,792	38.00	24,958,096
	110	REC Biogas Contra Expense	0547107	(404,508)	(266,658)	38.00	(10,133,004)
	111	IC Gas Purchases	0547124	11,387,785	7,507,002	38.00	285,266,076
	112	Oil	0547200	3,711,900	2,446,941	38.00	92,983,758
	113	Fuel Used in Elec Gen (HFM Greenbook I/S)	F_FUEL_USED_ELEC_GEN	1,473,809,036	994,012,423	19.60	19,481,925,024
	114						
7	115	Purchased Power	0555XXX	348,770,283	231,120,265	39.00	9,013,690,335
	116						
	117	Total Other O&M Excluding Fuel and Purchased Power					
	118						
8	119	Nuclear Fees in Acct 524	0524000	51,817,979	34,187,378	(34.15)	(1,167,498,959)
	120						
	121	Labor					
9	122	Payroll Net of Deductions		427,972,177	292,982,787	40.43	11,845,294,078
9	123	Payroll Deductions		278,369,096	190,566,952	30.13	5,741,782,264
	124	Total Labor (Ln 149+150)		706,341,273	483,549,739	36.37	17,587,076,342
	125						
10	126	Pension and Benefits	0926XXX	130,547,562	89,254,582	12.21	1,089,798,446
	127						
11	128	Regulatory Commission Expense	0928000	11,375,477	7,901,083	89.82	709,705,428
	129						
15	130	Property Insurance	0924XXX	10,862,755	7,383,136	(474.55)	(3,503,667,189)
	131						
17	132	Injuries & Damages - Workman's Compensation	0925980	7,400,514	5,171,934	(145.50)	(752,516,397)
	133						
	134	Uncollectible Accounts	0904000, 0904001	11,758,924	8,970,309	0.00	-
	135						
	136	Remaining Other Oper & Maint Expense		990,120,126	691,214,153	39.98	27,634,741,837
	137						
	138	Total O&M Excl. Fuel and Purch. Power		1,920,224,610	1,327,632,314	31.33	41,597,639,509
	139						
	140	Total Operation and Maintenance Expense (L113 + L115 + L136)		3,742,803,929	2,552,765,002	27.46	70,093,254,867
	141						
	142	Total Depreciation & Amortization & Property Loss		1,134,170,294	781,791,508	0.00	-
	143						

Support	Line			Total YTD	NC Retail	Lead	
Sch #	No.	<u>Total Utility Operating Revenue and Expense Line Description</u>	<u>Account</u>	<u>Dec</u>	<u>Jurisdictional</u>	<u>\ Lag</u>	<u>Weighted</u>
				<u>2017</u>	<u>Amount</u>	<u>Days</u>	<u>Amount</u>
	144	Taxes Other Than Income Taxes					
9	145	Payroll Taxes		46,582,702	31,853,838	51.17	1,629,960,890
13	146	North Carolina Property Tax		106,165,393	78,521,714	186.50	14,644,299,661
13	147	South Carolina Property Tax		132,014,761	79,966,798	196.50	15,713,475,807
13	148	Other Non-Income Taxes		(7,441,533)	(4,888,683)	21.04	(102,857,890)
	149	Taxes Other Than Income Taxes		277,321,324	185,453,667	171.93	31,884,878,468
	150						
16	151	Total Interest on Customer Deposits		8,499,601	7,471,530	218.40	1,631,782,152
	152						
	153	<u>Net Income Taxes</u>					
14	154	Federal Income Tax		212,429,582	143,446,030	44.75	6,419,209,843
14	155	State Income Tax		19,575,054	13,218,328	44.75	591,520,178
	156	Federal Income Tax - Deferred		352,901,899	238,872,663	0.00	-
	157	State Income Tax - Deferred		33,602,511	22,690,562	0.00	-
	158	Net Income Taxes		618,509,046	418,227,583	16.76	7,010,730,021
	159						
	160	Investment of Tax Credit Adj Net	04114XX	(5,298,340)	(3,551,995)	0.00	-
	161						
	162	Total Utility Operating Expenses (L138 + L140 + L147 + L149 + L151 + L153)		5,776,005,854	3,942,157,295	28.06	110,620,645,508
	163						
	164	Net Utility Operating Income		1,539,225,180	1,037,790,393	0.00	-
	165						
	166	Total Requirements (Ln 269+273)		7,315,231,034	4,979,947,688		110,620,645,508
	167						
	168						
COS 923	169	Cash Working Capital Related to NC Sales Tax		6,694,345			

Duke Energy Carolinas, LLC

Cash Working Capital Requirements for NC Retail Operations

Lead Lag Summary

NC RETAIL COST OF SERVICE-PER BOOK-12CP FIRM, AVERAGE & EXCESS WITHIN RETAIL

For the Test Year Ended December 31, 2021

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Jan 19 2023

Line No.		Full Detail [1]		
		NC Retail Jurisdictional Amount	Lead Lag Days	Weighted Amount
1	Total Revenue Lag	4,823,958,863	40.17	193,781,372,644
2	Operation and Maintenance Expense	2,274,985,491	32.50	73,938,506,562
3	Depreciation and Amortization	1,033,226,316	0.00	0
4	Taxes Other Than Income Taxes	212,490,469	180.79	38,415,863,145
5	Interest on Customer Deposits	5,651,568	218.40	1,234,302,480
6	Income Taxes	15,835,809	521.75	8,262,350,937
7	Investment of Tax Credit	(2,829,634)	0.00	0
8	Net Operating Income	1,284,598,843	23.75	30,509,760,828
10	Total Requirements	4,823,958,863	31.58	152,360,783,951
11	Revenue Lag Days		40.17	
12	Requirement Lead Days		31.58	
13	Net Lag Days		8.59	
14	Daily Requirements			13,216,326
15	Cash Working Capital Requirements			113,481,065
16	Working Capital Related to NC Sales Tax			9,397,405
17	Total Cash Working Capital Requirements			122,878,470
18	Calculation of Total Company and Jurisdictional Amounts:			
19	NC Retail Factor "All - Rate Base x CWC - Jur" Allocation Factor			68.2877%
20	Total Company Cash Working Capital Requirements (L17 / L19)			179,942,273.23

Notes:

[1] Includes the following changes from the E&Y 2017 Study:

*Nuclear fees were included in "Remaining Other Oper & Maint Expense" and a composite days factor was used from the 2017 study

*Interest Expense for Electric Operations was included in the cost of service calculation

[2] Includes interest expense and composite factors from the E&Y 2017 Study for the following categories:

*Fuel

*Total O&M Excl. Fuel and Purch. Power

Jan 19 2023

COS-920 Rev & Exp LL Detail

Duke Energy Carolinas, LLC

Cash Working Capital Requirements for NC Retail Operations
Revenue and Expense Lead Lag Summary
For the Test Year Ended December 31, 2019

Line No.	Total Utility Operating Revenue and Expense Line Description	COS Description	Account	Total YTD Dec 2021	Allocation Factor	12CP Firm Allocation Percentage	NC Retail Jurisdictional Amount	Lead \ Lag Days	Ref.	Weighted Amount
		454 RENT-EXTRA FACILITIES-D/A		5,772,781	Direct assign to SC Retail	0.0000%	0			
		454 RENT-EXTRA FACILITIES-D/A		613,858	Direct Assign NC Wholesale	0.0000%	0			
		454 RENT-EXTRA FACILITIES-D/A		143,264	Direct Assign SC Wholesale	0.0000%	0			
		454 RENT-EXTRA FACILITIES-D/A		39,674	Direct Assign to Other	0.0000%	0			
33	Total Acct 454.1 Extra Facilities	formula	0454100, 0454110, 0454500	30,506,507	various (see above)		23,936,929	30.13	[2]	721,158,571
34										
	454 RENT-DISTR POLE RENTAL REVENUE-NC	0454200-Input-Rent-Distr Pole Rental Rev-NC	0454200	27,832,263	NC - Dist PIR OH - Jur	99.9705%	27,824,042			
	454 RENT-DISTR POLE RENTAL REVENUE-SC	0454200-Input-Rent-Distr Pole Rental Rev-SC	0454200	7,827,837	SC - Dist PIR OH - Jur	0.0000%	0			
35	Pole & Line Attachments	formula	0454200	35,660,100	various (see grouped rows)		27,824,042	143.39	[1]	3,989,689,398
36										
37	454 RENT-TOWER LEASE REVENUE-TRANS	0454105	0454105	38,106	All - Transmission Demand - Jur	48.1470%	18,347	(93.97)	[1]	(1,724,034)
38	454 RENT-TOWER LEASE REVENUE-LABOR	0454105	0454105	13,880,792	All - Labor - Jur	68.2076%	9,467,760	(93.97)	[1]	(889,685,446)
39	454 RENT-TOWER LEASE REVENUE	0454300	0454300	7,910,849	All - Transmission Demand - Jur	48.1470%	3,808,833	(93.97)	[1]	(357,916,026)
40	454 RENT-REAL ESTATE	0454400 - Other Electric Rents	0454400	4,960,573	All - Labor - Jur	68.2076%	3,383,490	45.21	[1]	152,967,577
41	454 RENT-LABOR REL	0454510 - Rtn & Dep-Joint-Owner Gen Pit	0454510	14,794,991	All - Labor - Jur	68.2076%	10,091,313	(15.21)	[1]	(153,488,876)
42	Total Acct 454 (L30 through L41)	formula		109,743,089			79,346,970			3,497,904,102
43										
44	Subsidiary Cost of Capital	0455000 - Subsidiary Cost of Capital	0455000	0				0.00	[1]	0
45										
46	Other Electric Revenues	0456100 - Profit Or Loss on Sale of M&S	0456100	21,787	All - Mat & Supplies x Fuel - Jur	69.3765%	15,115	0.00	[1]	0
47										
48	Distribution Charge - Network									
49	North Carolina	0456102-Input-Distribution Charge-Network-NCWHL	0456102	3,002,644	Direct Assign NC Wholesale	0.0000%	0	0.00	[1]	0
50	South Carolina	0456102-Input-Distribution Charge-Network-SCWHL	0456102	1,382,163	Direct Assign SC Wholesale	0.0000%	0	0.00	[1]	-
51	Total Acct 456.102 (L49 + L50)	formula		4,384,808			0			0
52										
53	Metering - Network NCWHL	0456103-Input-Metering-Network-NCWHL	0456103	18,384	Direct Assign NC Wholesale	0.0000%	0	0.00	[1]	
54	Metering - Network SCWHL	0456103-Input-Metering-Network-SCWHL	0456103	42,151	Direct Assign SC Wholesale	0.0000%	0	0.00	[1]	
55	Comp For Serv To Other (Catawba)	0456300 - Comp For Serv Oth JointOwner	0456300	3,867	Direct Assign to Other	0.0000%	0	(15.21)	[1]	0
56	0456390 - T&LF Est Rev Cr-Other-WVPA	0456390 - T&LF Est Rev Cr-Other-WVPA	0456390	0	All - Labor - Jur	68.2076%	0	(15.21)	[1]	0
57										
58	Other Electric Revenues	0456610 - Other Electric Revenues	0456610	2,175,154	All - MWHs at Generation - Jur	67.4869%	1,467,944	36.03	[1]	52,890,011
59										
60	Gross Up-Contr in Aid of Const	0456630 - Gross Up - Contr in Aid of Const	0456630	1,431,963	All - Dist Plant - Jur	74.0820%	1,060,826	(15.21)	[1]	(16,135,164)
61										
60	Lincoln Siemens Billing	0456528 - Lincoln CT Siemens Billing	0456528	246,896	All - MWHs at Generation - Jur	67.4869%	166,622	(15.21)	[1]	(2,534,049)
61										
62	Steam Sales Revenue (Clemson CHP)	0456700 - Steam Sales Revenue	0456700	1,642,725	All - MWHs at Generation - Jur	67.4869%	1,108,624	25.50	[1]	28,275,140
63										
64	Deferred Dsm Costs - NC	0456640 - Deferred Dsm Costs - Nc	0456640	(657,296)	Direct Assign to NC Retail	100.0000%	(657,296)	0.00	[1]	0
65	Deferred Dsm Costs - SC	0456650-Deferred Dsm Costs - Sc	0456650	0	Direct Assign to SC Retail	0.0000%	0	0.00	[1]	0
66	Other Revenue Affiliate	0456949 - Other Revenue Affiliate	0456949	0	All - Labor - Jur	68.2076%	0	40.21	[1]	0
67	Other Transmission Revenues	456 OTHER ELEC REV-OTHER-NCR	0456111	1,534,975	Direct Assign to NC Retail	100.0000%	1,534,975	0.00	[1]	0
68										
69	Revenues from Transmission of Electricity to Others									
70	Other Variable Revenues-Reg	0456001 - Other Variable Revenues-Reg	0456001	86,178	All - MWHs at Generation - Jur	67.4869%	58,159	40.41	[1]	2,350,196
71	Other Variable Revenues	0456000 - Other Variable Revenues	0456000	50	All - MWHs at Generation - Jur	67.4869%	34	40.41	[1]	1,364
72	I/C Joint Disp - Trans NW Rev	0456016 - I/C Joint Disp - Trans NW Rev	0456016	(10,864)	All - MWHs at Generation - Jur	67.4869%	(7,332)	40.41	[1]	(296,280)
73	Transmission Study Revenue	0456050 - Transmission Study Revenue	0456050	0	All - MWHs at Generation - Jur	67.4869%	0	40.41	[1]	-
74	Trans of Elec to Others-NCWHL	0456104-Input-Trans of Elec to Others-NCWHL	0456104 through 110	72,909,161	Direct Assign NC Wholesale	0.0000%	0	40.41	[1]	-
75	Trans of Elec to Others-SCWHL	0456104-Input-Trans of Elec to Others-SCWHL	0456104 through 110	31,134,000	Direct Assign SC Wholesale	0.0000%	0	40.41	[1]	-
76	Trans Charge PTP-Non-Firm-BPM & WO Sharing	0456110-Input-Trans Charge PTP-Non-Firm-Sharing-NCR	0456110	6,291,863	Direct Assign to NC Retail	100.0000%	6,291,863	40.41	[1]	254,254,182
77	Total Revenues from Transm of Electricity to Others (L70 through L76)	formula		110,410,388			6,342,724			256,309,462
78	Total Acct 456 (L46 + L51 through L76)	formula		121,255,801			11,039,534			318,805,400
79	Utility Oper Revenues (L17 + L20+ L22 + L24 + L26 + L28 + L42 + L44 + L78)	formula		7,100,634,161			4,823,958,863	40.17		193,781,372,644
	F_ELEC_OP_REVENUE	F_ELEC_OP_REVENUE		7,100,634,161			4,823,958,863			
	ERROR CHECK									
80										
81	OPERATION AND MAINTENANCE EXPENSE:									
82										
83	Fuel Used in Electric Generation									
84										
85	Fossil									
86	Beneficial Reuse - Coal Ash	0501007 - Beneficial Reuse - Coal Ash	0501007	2,656,802	Net Fuel NC Retail Allocation Factor	67.4669%	1,792,463	20.79	[1]	37,265,306
87	Contra Fuel Exp BR Ash - SC	0501008 - Contra Fuel Exp BR Ash - SC	0501008	(670,266)	SCRGW - MWHs at Generation - Jur	0.0000%	0	20.79	[1]	-
88	Contra Fuel Exp BR Ash - WS	0501009 - Contra Fuel Exp BR Ash - W/S	0501009	18,614	WHL - MWHs at Generation - Jur	0.0000%	0	20.79	[1]	-
89	Coal Consumed Fossil Steam	0501110-Coal Consumed-Fossil Steam	0501110	428,535,150	Net Fuel NC Retail Allocation Factor	67.4669%	289,119,591	20.79	[1]	6,010,796,292
90	Oil Consumed - Fossil Steam	0501310-Oil Consumed-Fossil Steam	0501310	1,264,107	Net Fuel NC Retail Allocation Factor	67.4669%	852,854	10.00	[1]	8,528,544
91	Oil Light-Off - Fossil Steam	0501330-Oil Light-Off - Fossil Steam	0501330	1,119,252	Net Fuel NC Retail Allocation Factor	67.4669%	755,125	10.00	[1]	7,551,252
92	Emission Allowances	0509000 - Emission Allowances	0509000	2,675	All - MWHs at Generation - Jur	67.4869%	1,805	0.00	[1]	-
93	NOx Emission Expense	0509210-NOx Emission Expense	0509210	0	All - MWHs at Generation - Jur	67.4869%	0	0.00	[1]	-
94	RECS Consumption Expense	0509213 - RECS Consumption Expense	0509213	28,903,071	NC - MWHs at Generation - Jur	94.5604%	27,330,870	0.00	[1]	-
95	Commissions/Brokerage Expense	0557450 - Commissions/Brokerage Expense	0557450	16,440	All - MWHs at Generation - Jur	67.4869%	11,095	26.80	[1]	297,342
96	EA & Coal Broker Fees	0557451 - EA & Coal Broker Fees	0557451	9,152	All - MWHs at Generation - Jur	67.4869%	6,176	0.00	[1]	-
97										
98	Nuclear									
99	Burnup of Owned Fuel	0518100-Burnup Of Owned Fuel	0518100	259,578,561	Net Fuel NC Retail Allocation Factor	67.4669%	175,129,735	0.00	[1]	-

Duke Energy Carolinas, LLC

Cash Working Capital Requirements for NC Retail Operations
Revenue and Expense Lead Lag Summary
For the Test Year Ended December 31, 2019

Line No.	Total Utility Operating Revenue and Expense Line Description	COS Description	Account	Total YTD Dec 2021	Allocation Factor	12CP Firm Allocation Percentage	NC Retail Jurisdictional Amount	Lead \ Lag Days	Ref.	Weighted Amount
100	Canister Design Expense	0518620 - Canister Design Expense	0518620	1,538,887	All - MWHs at Generation - Jur	67.4869%	1,038,547	0.00	[1]	-
101										
102	Other Production									
103	Natural Gas	0547100-Natural Gas	0547100	378,918,900	Net Fuel NC Retail Allocation Factor	67.4669%	255,645,021	38.00	[1]	9,714,510,799
104	Natural Gas - CC	0547101-Natural Gas - CC	0547101	392,828,920	Net Fuel NC Retail Allocation Factor	67.4669%	265,029,687	38.00	[1]	10,071,128,105
		0547106-Input-Biogaz Expense-REPS Premium-NCR	0547106	2,352,639	Direct Assign to NC Retail	100.0000%	2,352,639			
		0547106-Input-Biogaz Expense-NCR	0547106	779,309	Direct Assign to NC Retail	100.0000%	779,309			
		0547106-Input-Biogaz Expense-SCR	0547106	213,271	Direct Assign to SC Retail	0.0000%	0			
		0547106-Input-Biogaz Expense-WHL	0547106	107,355	WHL - MWHs at Generation - Jur	0.0000%	0			
		0547106-Input-Biogaz Expense-REPS SC Nonrecov-NCR	0547106	61,187	Direct Assign to NC Retail	100.0000%	61,187			
105	Biogaz Expense	formula	0547107	3,513,761	various (see grouped rows)		3,193,134	38.00	[1]	121,339,105
		0547107 - REC Biogaz Contra Expense	0547107	(2,450,137)	Direct Assign to NC Retail	100.0000%	(2,450,137)			
		0547108 - REC Biogaz Contra Expense - SC	0547108	(65,124)	Direct Assign to NC Retail	100.0000%	(65,124)			
106	REC Biogaz Contra Expense	formula		(2,515,262)	Direct Assign to NC Retail	100.0000%	(2,515,262)	38.00	[1]	(95,579,938)
107	IC Gas Purchases	0547124 - IC Gas Purchases	0547124	2,145,990	Net Fuel NC Retail Allocation Factor	67.4669%	1,447,834	38.00	[1]	55,017,691
108	Oil	0547200-Oil	0547200	6,445,340	Net Fuel NC Retail Allocation Factor	67.4669%	4,348,474	38.00	[1]	165,242,028
109	Fuel Used in Elec Gen (HFM Greenbook I/S)	F_FUEL_USED_ELEC_GEN	F_FUEL_USED_ELEC_GEN	1,504,310,094			1,023,187,152	25.50	[1]	26,096,096,525
	F_FUEL_USED_ELEC_GEN			1,504,310,094			1,023,187,152			
	ERROR CHECK									
110										
		SSS PURCHASED POWER-DEMAND		47,312,934	All - Production Plant - Jur	67.0678%	31,731,748			
		SSS PURCHASED POWER-ENERGY		365,033,759	All - MWHs at Generation - Jur	67.4869%	246,349,939			
		SSS PURCHASED POWER-GREEN SOURCE-NCR		1,014,553	Direct Assign to NC Retail	100.0000%	1,014,553			
		0555135-Input-Purch Pwr-SC DERP Recoverable-SCR		960,013	Direct Assign to SC Retail	0.0000%	0			
		0555135-Input-Purch Pwr-SC DERP Recoverable-GW		2,840	Direct Assign to Greenwood	0.0000%	0			
		SSS PURCHASED POWER-CPRE-DEMAND		(15,504)	All - Production Demand - Jur	66.9690%	(10,383)			
		SSS PURCHASED POWER-CPRE-SALES		(54,496)	All - MWHs at Meter - Jur	67.2646%	(36,657)			
111	Purchased Power less Retail Deferred Fuel Exp	Purchased Power (SSS)	0555XXX	414,254,099			279,049,201	39.00	[1]	10,882,918,821
112	Retail Deferred Fuel Exp - NCR	0557980-Input-Retail Def Fuel Exp-NCR	0557980	(220,116,561)	Direct Assign to NC Retail	100.0000%	(220,116,561)	25.50	[5]	(5,614,010,118)
113	Retail Deferred Fuel Exp - SCR	0557980-Input-Retail Def Fuel Exp-SCR	0557980	(96,363,766)	Direct Assign to SC Retail	0.0000%	0	25.50	[5]	-
	F_FUEL_USED_ELEC_GEN	F_FUEL_USED_ELEC_GEN		97,773,773			58,932,640			
	ERROR CHECK						(0.00)			
114										
115	Total Other O&M Excluding Fuel and Purchased Power									
116										
117	Labor									
118	Payroll Net of Deductions			413,468,105	All - Labor - Jur	68.2076%	282,016,822	40.43	[1]	11,401,940,095
119	Payroll Deductions	LABOR EXPENSE		268,935,105	All - Labor - Jur	68.2076%	183,434,279	30.13	[1]	5,526,874,813
120	Total Labor (L118 + L119)	Labor Allocations Total		682,403,209			465,451,100	36.37		16,928,814,908
121										
122	Pension and Benefits	see Inputs tab	0926XXX	79,751,982			54,175,002	12.21	[1]	661,476,771
123										
		920-931 A&G EXP-928 REG FEE-FERC		3,058,284	All - MWHs at Meter - Jur	67.2646%	2,057,143			
		920-931 A&G EXP-928 REG FEE-NCUC-NCR		6,831,445	Direct Assign to NC Retail	100.0000%	6,831,445			
		920-931 A&G EXP-928 REG FEE-PSCSC-SCRGW		3,737,200	Direct Assign to SC Retail	0.0000%	0			
124	Regulatory Commission Expense	formula	0928000	13,626,929	various		8,888,588	89.82	[1]	798,372,952
125										
126	Property Insurance	see Inputs tab	0924XXX	(5,002,254)	All - Labor - Jur	68.2076%	(3,411,919)	(474.55)	[1]	1,619,126,250
127										
128	Injuries & Damages - Workman's Compensation	see Inputs tab	0925980	8,929,953	All - Labor - Jur	68.2076%	6,090,910	(145.50)	[1]	(886,227,397)
129										
		0904000 - Uncollectible Accounts	0904000	24,152,761	All - Cust Num - Jur	76.2232%	18,410,000			
		0904001 - Bad Debt Expense	0904001	659,282	All - Cust Num - Jur	76.2232%	502,526			
130	Uncollectible Accounts		0904000, 0904001	24,812,044			18,912,526	0.00	[1]	-
131										
132	Remaining Other Oper & Maint Expense	plug/formula		906,890,946			642,759,493	36.49	[3]	23,451,937,850
133										
134	Total O&M Excl. Fuel and Purch. Power	Total Operating & Maintenance Expense		1,711,412,809			1,192,865,700	35.69		42,573,501,334
				1,711,412,809			1,192,865,700			
135										
136	Total Operation and Maintenance Expense (L109 + L111 + L112 + L113 + L134)			3,313,496,675			2,274,985,491	32.50		73,938,506,562
	F_OTH_OPERATION	F_OTH_OPERATION		1,194,285,616						
	F_GAS_OPER_EXP	F_GAS_PROD_MAINT_EXP		(1,582)						
	F_MAINT_EXP	F_MAINT_EXP		517,128,775						
	ERROR CHECK									
137										
138	Total Depreciation & Amortization & Property Loss	F_DEP_AMOR_PROP_LOSS - Depreciation and Amortization		1,508,461,202			1,033,226,316	0.00		-
139										
140	Taxes Other Than Income Taxes									
		0408960 - Allocated Payroll Taxes		(27,739,888)	All - Labor - Jur	68.2076%	(18,920,722)			
		0408960-Allocated Payroll Taxes-Offset		(986,076)	All - Labor - Jur	68.2076%	(672,579)			
		0408960-Input-Gen Tax-Other Tax-Presidents Cost-NC		251,112	NC - Labor - Jur	94.1135%	236,331			
		0408960-Input-Gen Tax-Other Tax-Presidents Cost-SC		116,587	SC - Labor - Jur	0.0000%	0			
		0408960-Input-Gen Tax-Other Tax-Demand-DSM/EE		140,452	Retail - Production Demand - Jur	73.4698%	103,190			
		0408960-Input-Gen Tax-Other Tax-Energy-DSM/EE		450,094	Retail - MWHs at Generation - Jur	73.8926%	332,586			
		0408960-Input-Gen Tax-Other Tax-CPRE-SCRGW		0	SCRGW - Labor - Jur	0.0000%	0			

Duke Energy Carolinas, LLC

Cash Working Capital Requirements for NC Retail Operations
Revenue and Expense Lead Lag Summary
For the Test Year Ended December 31, 2019

Line No.	Total Utility Operating Revenue and Expense Line Description	COS Description	Account	Total YTD Dec 2021	Allocation Factor	12CP Firm Allocation Percentage	NC Retail Jurisdictional Amount	Lead \ Lag Days	Ref.	Weighted Amount
		0408960-Input-Gen Tax-Other Tax-CPRE-WHL		0	WHL - Labor - Jur	0.0000%	0			
		0408960-Input-Gen Tax-Other Tax-GreenSource Advantage-EXCL		1,684	Direct Assign to Other	0.0000%	0			
		0408960-Input-Gen Tax-Other Tax-ATL Shareholder Exp-EXCL		28	Direct Assign to Other	0.0000%	0			
		0408960-Input-Gen Tax-Other Tax-DERP Recoverable-SCR		8,123	Direct Assign to SC Retail	0.0000%	0			
		0408960-Input-Gen Tax-Other Tax-DERP Recoverable-GW		24	Direct Assign to Greenwood	0.0000%	0			
		0408152 - Employer FICA Tax		66,346,780	All - Labor - Jur	68.2076%	45,253,570			
		0408Rxx-Employer FICA Tax-Offset		0	All - Labor - Jur	68.2076%	0			
		0408960-Input-Employer FICA Tax-BPM & WO Sharing-NCR		8,436	Direct Assign to NC Retail	100.0000%	8,436			
		0408960-Input-Employer FICA Tax-BPM & WO Sharing-SCRGW		1,350	Direct Assign to SC Retail	0.0000%	0			
		0408960-Input-Employer FICA Tax-BPM & WO Sharing-NCWHL		1,478	Direct Assign to Wholesale	0.0000%	0			
		0408960-Input-Employer FICA Tax-BPM & WO Sharing-SCWHL		2,687	Direct Assign to Wholesale	0.0000%	0			
		0408960-Input-Gen Tax-Other Tax-EV Pilot Costs-NCR		971	Direct Assign to NC Retail	100.0000%	971			
		0408960-Input-Gen Tax-Other Tax-EV Pilot Costs-SCRGW		3,050	SCRGW - Labor - Jur	0.0000%	0			
		0408151 - Federal Unemployment Tax		436,457	All - Labor - Jur	68.2076%	297,697			
		0408153 - Employer Local Tax		33,000	All - Labor - Jur	68.2076%	22,509			
		0408963 - NC Alloc Payroll Tax		(158,592)	Direct Assign to NC Retail	100.0000%	(158,592)			
		0408964 - SC Alloc Payroll Tax		(14,170)	Direct Assign to SC Retail	0.0000%	0			
141	Payroll Taxes	formula		38,903,586	various (see grouped rows)		26,503,397	51.17	[1]	1,356,178,848
		0408000-Input-Gen Tax-Prop Tax-NC Prod		54,423,265	All - Production Demand - Jur	66.9690%	36,446,691			
		0408000-Input-Gen Tax-Prop Tax-NC Trmsm		12,263,292	All - Transmission Demand - Jur	48.1470%	5,904,402			
		0408000-Input-Gen Tax-Prop Tax-NC Distr		36,361,506	All - Dist Plant - Jur	74.0820%	26,937,313			
		0408000-Input-Gen Tax-Prop Tax-NC Gnrfl		4,510,670	All - General Plant - Jur	68.1625%	3,074,584			
		0408000-Input-Gen Tax-Prop Tax-Mitigation-EXCL		125,210	Direct Assign to Other	0.0000%	0			
		0408100 - Franchise Tax - Electric		235,598	NC - Elec Rev - Jur	96.2201%	226,693			
		0408120 - Franchise Tax - Non Electric		12	Direct Assign to Other	0.0000%	0			
		0408123 - Deferred Property Tax - NC		96,602	Direct Assign to NC Retail	100.0000%	96,602			
		0408124 - Deferred Property Tax - SC		5,403	Direct Assign to SC Retail	0.0000%	0			
		0408125 - Deferred Property Taxes-WH		0	Direct Assign to Wholesale	0.0000%	0			
		0408200 - NC Industrial Comm - Electric		174,828	All - Labor - Jur	68.2076%	119,246			
		0408470-Input-Gen Tax-Franchise Tax-NCR		26,103,138	NC - Elec Rev - Jur	96.2201%	25,116,469			
		0408121-Taxes Property-Operating		0	Direct Assign to Other	0.0000%	0			
		0408120-Franchise Tax - Non Electric		0	Direct Assign to Other	0.0000%	0			
142	North Carolina Property Tax	formula		134,299,523	various (see grouped rows)		97,922,000	186.50	[1]	18,262,452,935
		0408360-Input-Gen Tax-Prop Tax-SC Prod		83,369,717	All - Production Demand - Jur	66.9690%	55,831,827			
		0408360-Input-Gen Tax-PROP TAX-SC Trmsm		18,335,368	All - Transmission Demand - Jur	48.1470%	8,827,921			
		0408360-Input-Gen Tax- Prop Tax-SC Distr		37,754,120	All - Dist Plant - Jur	74.0820%	27,968,988			
		0408360-Input-Gen Tax-Prop Tax-SC Gnrfl		1,478,009	All - General Plant - Jur	68.1625%	1,007,447			
		0408470-Input-Gen Tax-Prop Tax-Prod-SC License Fee		2,612,945	All - Production Demand - Jur	66.9690%	1,749,862			
		0408470-Input-Gen Tax-Prop Tax-Trmsm-SC License Fee		574,661	All - Transmission Demand - Jur	48.1470%	276,682			
		0408470-Input-Gen Tax-Prop Tax-Distr-SC License Fee		1,183,277	All - Dist Plant - Jur	74.0820%	876,594			
		0408470-Input-Gen Tax-Prop Tax-Gnrfl-SC License Fee		46,323	All - General Plant - Jur	68.1625%	31,575			
		0408470-Franchise Tax-Offset		(4,417,206)	Direct Assign to SC Retail	0.0000%	0			
		0408470-Input-Gen Tax-Franchise Tax-SCR		9,533,789	Direct Assign to SC Retail	0.0000%	0			
		0408050 - Municipal License-Electric		75	NC - Elec Rev - Jur	96.2201%	72			
		0408460 - SC Kwh Power Gen Tax - Electric		9,348,059	SC - SC MWH Sales - Jur	0.0000%	0			
		0408620 - SC Greenwood Tax - Electric		163	SC - Opr Rev - Jur	0.0000%	0			
143	South Carolina Property Tax	formula		159,819,300	various (see grouped rows)		96,570,969	196.50	[1]	18,976,195,439
144	Other Property Tax	0408470-Input-Gen Tax-Franchise Tax-EXCL		271	Direct Assign to Other	0.0000%	0			-
		0408800 - Federal Highway Use Tax - Elec		0	All - General Plant - Jur	68.1625%	0			-
		0408205 - Highway Use Tax		0	All - General Plant - Jur	68.1625%	0			-
		0408150 - State Unemployment Tax		856,625	All - Labor - Jur	68.2076%	584,284			-
		0408851 - Sales and Use Tax Exp		(13,469,551)	All - MWHs at Generation - Jur	67.4869%	(9,090,181)			-
145	Other Non-Income Taxes	formula		(12,612,925)	various (see grouped rows)		(8,505,897)	21.04	[1]	(178,964,077)
146	Taxes Other Than Income Taxes	formula		320,409,756			212,490,469	180.79		38,415,863,145
	F_TAX_OTH_INC_TAX	F_TAX_OTH_INC_TAX		320,409,756			212,490,469			
147										
		0431100 - Int Accrued/Cust Deposits - Nc		5,651,568	Direct Assign to NC Retail	100.0000%	5,651,568			
		0431200 - Int Accrued/Cust Deposits - Sc		255,489	SCRGW - Cust Num - Jur	0.0000%	0			
148	Total interest on Customer Deposits	INTEREST ON CUSTOMER DEPOSITS		5,907,057			5,651,568	218.40	[1]	1,234,302,480
149										
150	Net Income Taxes									
		0409190 - Federal Income Tax - Electric CY		269,362,369	All - Pre Tax Income - Jur	65.7935%	177,222,912			
		0409191 - Federal Income Tax - Electric PY		(16,454,362)	All - Pre Tax Income - Jur	65.7935%	(10,825,899)			
		0409192 - UTP Tax Expense: Fed Utility		0	All - Pre Tax Income - Jur	65.7935%	0			
		0409195 - UTP Tax Expense: Fed Util-PY		0	All - Pre Tax Income - Jur	65.7935%	0			
151	Federal Income Tax	formula		252,908,008			166,397,012	44.75	[1]	7,446,266,308
		0409102 - SIT Exp - Utility		30,139,061	All - Pre Tax Income - Jur	65.7935%	19,829,541			
		0409104 - Current State Income Tax - PY		(2,421,232)	All - Pre Tax Income - Jur	65.7935%	(1,593,013)			
		0409112 - UTP Tax Expense: State Utility		0	All - Pre Tax Income - Jur	65.7935%	0			
		0409113 - UTP Tax Exp: State Util-PY		0	All - Pre Tax Income - Jur	65.7935%	0			
152	State Income Tax	formula		27,717,829			18,236,528	44.75	[1]	816,084,629
		0410100 - DfIt: Utility: Current Year		1,017,389,346	All - Pre Tax Income - Jur	65.7935%	669,375,988			
		0410105 - DfIt: Utility: Prior Year		59,286,988	All - Pre Tax Income - Jur	65.7935%	39,006,980			
		0411100 - DfIt: Utility: Curr Year Cr		(951,336,091)	All - Pre Tax Income - Jur	65.7935%	(625,917,244)			
		0411102 - DfIt: Utility: Prior Year Cr		(55,476,236)	All - Pre Tax Income - Jur	65.7935%	(36,499,754)			
		0410130 - UTP DFIT:Utility:PY		1,365,752	All - Pre Tax Income - Jur	65.7935%	898,576			

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Duke Energy Carolinas, LLC
NC Lead Lag Inputs
12 Months Ended December 31, 2021

COS-0920-1

		Total YTD Dec 2021			NC Retail Jurisdictional Amount
<u>Calculation of Pension and Benefits - A&G 926xxx</u>					
0926000 - Employee Benefits	0926000	255,221,719	All - Labor - Jur	68.2076%	174,080,702
0926003 - NC Employee Benefits	0926003	(542,363)	Direct Assign to NC Retail	100.0000%	(542,363)
0926004 - SC Employee Benefits	0926004	(48,671)	Direct Assign to SC Retail	0.0000%	0
0926420 - Employees' Tuition Refund	0926420	871	All - Labor - Jur	68.2076%	594
0926430 - Employees' Recreation Expense	0926430	43,866	All - Labor - Jur	68.2076%	29,920
0926600 - Employee Benefits - Transferred	0926600	(94,933,331)	All - Labor - Jur	68.2076%	(64,751,781)
0926999 - Non Service Cost (ASU 2017-07)	0926999	(79,990,109)	All - Labor - Jur	68.2076%	(54,559,363)
Offset items identified below	formula	(3,222,090)	All - Labor - Jur	68.2076%	(2,197,712)
0926lxx-O&M-A&G-Expense-BPM & WO Sharing-NCR	COS-0120	24,854	Direct Assign to NC Retail	100.0000%	24,854
0926lxx-O&M-A&G-Expense-BPM & WO Sharing-SCRGW	COS-0120	3,978	SCRGW - MWHs at Generation - Jur	0.0000%	0
0926lxx-O&M-A&G-Expense-BPM & WO Sharing-NCWHL	COS-0120	4,356	Direct Assign NC Wholesale	0.0000%	0
0926lxx-O&M-A&G-Expense-BPM & WO Sharing-SCWHL	COS-0120	7,915	Direct Assign SC Wholesale	0.0000%	0
0926600-Input-O&M-A&G-Demand-DSM/EE	COS-0325	419,811	Retail - Production Demand - Jur	73.4698%	308,434
0926600-Input-O&M-A&G-Energy-DSM/EE	COS-0325	1,354,472	Retail - MWHs at Generation - Jur	73.8926%	1,000,854
0926600-Input-O&M-A&G-GreenSource Advantage-EXCL	COS-0344	5,179	Direct Assign to Other	0.0000%	0
0926600-Input-O&M-A&G-Expense-CPRE-SCRGW	COS-0345	(0)	SCRGW - Production Demand - Jur	0.0000%	0
0926600-Input-O&M-A&G-Expense-CPRE-WHL	COS-0345	0	WHL - Production Demand - Jur	0.0000%	0
0926600-Input-O&M-A&G-EV Pilot Costs-NCR	COS-0346	2,905	Direct Assign to NC Retail	100.0000%	2,905
0926600-Input-O&M-A&G-EV Pilot Costs-SCRGW	COS-0346	9,646	SCRGW - Labor - Jur	0.0000%	0
0926600-Input-O&M-A&G-Presidents Costs-NC	COS-0350	826,614	NC - Labor - Jur	94.1135%	777,956
0926600-Input-O&M-A&G-Presidents Costs-SC	COS-0350	355,562	SC - Labor - Jur	0.0000%	0
0926600-Input-O&M-A&G-Wholesale Mktng Exp-WHL	COS-0351	180,424	WHL - Labor - Jur	0.0000%	0
0926600-Input-O&M-A&G-ATL Shareholder Exp-EXCL	COS-0365	92	Direct Assign to Other	0.0000%	0
0926600-Input-O&M-A&G-ATL Shareholder Exp-EXCL	COS-0365	92	Direct Assign to Other	0.0000%	0
0926600-Input-O&M-A&G-SC DERP Recov-SCR	COS-0370	26,114	Direct Assign to SC Retail	0.0000%	0
0926600-Input-O&M-A&G-SC DERP Recov-GW	COS-0370	77	Direct Assign to Greenwood	0.0000%	0
Total Pension and Benefits		\$79,751,982			\$54,175,002

Calculation Property Insurance - A&G 924xxx

0924000 - Property Insurance	0924000	163,768
0924050 - Intercompany Property Insurance Exp	0924050	4,333,633
0924100 - Admin - EH&S Expense	0924100	0
0924980 - Property Insurance For Corp.	0924980	(9,499,655)
Total Property Insurance		(\$5,002,254)

Injuries & Damages - Workman's Compensation

#LOGON	0925980	8,929,953
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Calculation of Extra Facilities Rent

0454100 - Extra - Facilities	0454100	27,564,916
0454110 - Inter - Connection - Cogeneration	0454110	2,284,213
0454500 - Leased Facilities Fee - Catawba	0454500	657,378
		\$30,506,507

	Total YTD Dec 2021
0501lxx-Fuel Expense-Remainder	1,209,756,126.41
0501lxx-Input-NC-Intersys-BPM & WO Sharing-NCR	2,521,606.70
0501lxx-Input-NC-Intersys-BPM & WO Sharing-SCRGW	403,583.18
0501lxx-Input-NC-Intersys-BPM & WO Sharing-NCWHL	441,905.71
0501lxx-Input-NC-Intersys-BPM & WO Sharing-SCWHL	803,065.42
0501lxx-Input-SC-Intersys-BPM & WO Sharing-NCR	-
0501lxx-Input-SC-Intersys-BPM & WO Sharing-SCRGW	-
0501lxx-Input-SC-Intersys-BPM & WO Sharing-NCWHL	-
0501lxx-Input-SC-Intersys-BPM & WO Sharing-SCWHL	-
0557450-Input-Comm Exp-BPM & WO Sharing-NCR	9,940.91
0557450-Input-Comm Exp-BPM & WO Sharing-SCRGW	1,591.04
0557450-Input-Comm Exp-BPM & WO Sharing-NCWHL	1,742.12
0557450-Input-Comm Exp-BPM & WO Sharing-SCWHL	3,165.92
0501008 - Contra fuel Exp BR Ash - SC	(670,265.82)
0501009 - Contra Fuel Exp BR Ash - W/S	18,613.65
0509213 - RECS Consumption Expense	28,903,070.62
0518100 - Burnup of Owned Fuel	259,578,561.22
0518620 - Canister Design Expense	1,538,887.46
0547106 - Biogas Expense-Remainder	-
0547106-Input-Biogas Expense-REPS Premium-NCR	2,352,639.02
0547106-Input-Biogas Expense-NCR	779,308.69
0547106-Input-Biogas Expense-SCR	213,271.18
0547106-Input-Biogas Expense-WHL	107,355.13
0547106-Input-Biogas Expense-REPS SC Nonrecov-NCR	61,186.63
0547107 - REC Biogas Contra Expense	(2,450,137.24)
0547108 - REC Biogas Contra Expense - SC	(65,124.29)
Fuel Used in Electric Generation	1,504,310,094
	0

Less Items Identified Below with Specific Allocations:

0501008-Contra Fuel Exp BR Ash-SC	(670,265.82)
0501009-Contra Fuel Exp BR Ash-WS	18,613.65
0509000-Emission Allowances	2,674.52
0509210-NOx Emission Expense	-
0509213-RECS Consumption Expense	28,903,070.62
0557450-Commissions/Brokerage Expense	16,440.00
0557451-EA & Coal Broker Fees	9,152.06
0518620-Canister Design Expense	1,538,887.46
0547106-Input-Biogas Expense-REPS Premium-NCR	2,352,639.02
0547106-Input-Biogas Expense-NCR	779,308.69
0547106-Input-Biogas Expense-SCR	213,271.18
0547106-Input-Biogas Expense-WHL	107,355.13
0547106-Input-Biogas Expense-REPS SC Nonrecov-NCR	61,186.63

0547107-REC Biogas Contra Expense	(2,450,137.24)
0547108-REC Biogas Contra Expense - SC	(65,124.29)
Net Fuel - Used to Determine Allocation Factor	1,473,493,022
Net Fuel Retail Allocation Factor	

Allocation Factor	NC Retail Allocation Percentage	NC Retail Jurisdictional Amount
All - MWHs at Generation - Jur	67.4869%	816,426,810.45
Direct Assign to NC Retail	100.0000%	2,521,606.70
SCRGW - MWHs at Generation - Jur	0.0000%	-
Direct Assign NC Wholesale	0.0000%	-
Direct Assign SC Wholesale	0.0000%	-
Direct Assign to NC Retail	100.0000%	-
SCRGW - MWHs at Generation - Jur	0.0000%	-
Direct Assign NC Wholesale	0.0000%	-
Direct Assign SC Wholesale	0.0000%	-
Direct Assign to NC Retail	100.0000%	9,940.91
SCRGW - MWHs at Generation - Jur	0.0000%	-
Direct Assign NC Wholesale	0.0000%	-
Direct Assign SC Wholesale	0.0000%	-
SCRGW - MWHs at Generation - Jur	0.0000%	-
WHL - MWHs at Generation - Jur	0.0000%	-
NC - MWHs at Generation - Jur	94.5604%	27,330,870.30
All - MWHs at Generation - Jur	67.4869%	175,181,503.26
All - MWHs at Generation - Jur	67.4869%	1,038,547.32
All - MWHs at Generation - Jur	67.4869%	-
Direct Assign to NC Retail	100.0000%	2,352,639.02
Direct Assign to NC Retail	100.0000%	779,308.69
Direct Assign to SC Retail	0.0000%	-
WHL - MWHs at Generation - Jur	0.0000%	-
Direct Assign to NC Retail	100.0000%	61,186.63
Direct Assign to NC Retail	100.0000%	(2,450,137.24)
Direct Assign to NC Retail	100.0000%	(65,124.29)
		1,023,187,152
		0

-

-

1,804.95

-

27,330,870.30

11,094.85

6,176.44

1,038,547.32

2,352,639.02

779,308.69

-

-

61,186.63

(2,450,137.24)
(65,124.29)

994,120,785
67.4669%

	Source	January	February	March	April	May	June	July	August	September	October	November	December
Gross Sales from RAC Report	Wp8	643,583,320.85	1,188,352,266.73	1,707,886,549.70	2,202,949,310.00	2,664,314,986.48	3,243,030,115.60	3,929,856,655.14	4,641,081,739.25	5,311,937,470.21	5,850,743,793.26	6,347,746,378.00	6,951,776,600.51
Gross Sales from Prior Month		-	643,583,320.85	1,188,352,266.73	1,707,886,549.70	2,202,949,310.00	2,664,314,986.48	3,243,030,115.60	3,929,856,655.14	4,641,081,739.25	5,311,937,470.21	5,850,743,793.26	6,347,746,378.00
Gross Sales to Line 1- E-500E		643,583,321	544,768,946.00	519,534,283.00	495,062,760.00	461,365,676.00	578,715,129.00	686,826,540.00	711,225,084.00	670,855,731.00	538,806,323.00	497,002,585.00	604,030,223.00
Sales for Resale from RAC Report	Wp8	42,620,381	87,420,284.54	131,377,555.56	173,157,212.07	216,282,012.27	263,403,958.79	302,346,769.70	345,089,136.18	385,339,827.40	425,048,391.78	461,020,357.61	530,223,665.77
Sales for Resale from Prior Month		-	42,620,381.01	87,420,284.54	131,377,555.56	173,157,212.07	216,282,012.27	263,403,958.79	302,346,769.70	345,089,136.18	385,339,827.40	425,048,391.78	461,020,357.61
Sales for Resale to Line 2 - E-500E		42,620,381	44,799,904.00	43,957,271.00	41,779,656.51	43,124,800.20	47,121,946.52	38,942,810.91	42,742,366.48	40,250,691.22	39,708,564.38	35,971,965.83	69,203,308.16
Tax Charged per GL	WpC	25,669,272	21,846,017.79	22,044,051.02	19,531,146.73	17,425,271.48	22,658,165.92	26,839,086.96	27,621,015.51	26,486,177.46	20,799,571.05	18,052,534.66	22,976,073.45
Divide: Sales Tax Rate		7.0%	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
Electricity Receipts to Line 5 - E-500E		366,703,879	312,085,968.00	314,915,015.00	279,016,382.00	248,932,450.00	323,688,085.00	383,415,528.00	394,585,936.00	378,373,964.00	297,136,729.00	257,893,352.00	328,229,621.00
Gross Sales from Line 1		643,583,321	544,768,946.00	519,534,283.00	495,062,760.00	461,365,676.00	578,715,129.00	686,826,540.00	711,225,084.00	670,855,731.00	538,806,323.00	497,002,585.00	604,030,223.00
Less: Sales for Resale from Line 2		42,620,381	44,799,904.00	43,957,271.00	41,779,656.51	43,124,800.20	47,121,946.52	38,942,810.91	42,742,366.48	40,250,691.22	39,708,564.38	35,971,965.83	69,203,308.16
Less: Electricity Receipts from Line 5		366,703,879	312,085,968.00	314,915,015.00	279,016,382.00	248,932,450.00	323,688,085.00	383,415,528.00	394,585,936.00	378,373,964.00	297,136,729.00	257,893,352.00	328,229,621.00
Exempt Sales to Line 3 -E-500E		234,259,061	187,883,074.00	160,661,997.00	174,266,721.49	169,308,425.80	207,905,097.48	264,468,201.09	273,896,781.52	252,231,075.78	201,961,029.62	203,137,267.17	206,597,293.84
Tax Due from Line 5		25,669,272	21,846,017.79	22,044,051.02	19,531,146.73	17,425,271.48	22,658,165.92	26,839,086.96	27,621,015.51	26,486,177.46	20,799,571.05	18,052,534.66	22,976,073.45
Less: Prepayment for this Period		14,632,000	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00
Add: Prepayment for Next Period - ACH-2		14,632,000	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,632,000.00	14,700,000.00
Total Due to Line 18		25,669,272	21,846,017.79	22,044,051.02	19,531,146.73	17,425,271.48	22,658,165.92	26,839,086.96	27,621,015.51	26,486,177.46	20,799,571.05	18,052,534.66	23,044,073.45
True-Up Payment - ACH-1		11,037,272	7,214,017.79	7,412,051.02	4,899,146.73	2,793,271.48	8,026,165.92	12,207,086.96	12,989,015.51	11,854,177.46	6,167,571.05	3,420,534.66	8,344,073.45

YTD NC Sales Tax Payments 368,380,767.18
Number of Days in Year 365.00
Daily Amount 1,009,262
(Lead) Lag Days (COS-0924) (9.31)
Cash Working Capital Related to NC Sales Tax 9,397,405.00

Duke Energy Carolinas
Calculation of (Lead) Lag Days
12 months ended December 31, 2017
Sales Tax Cash WC Requirements

Line No.	Service Period		Total Days	Midpoint Service Period	Collection Lag	Payment Date	Lag Days	Lead Lag vs Collection Lag	Weighted Amount
	Amount	Start End							
1	Estimated Paymen January	15,499,099 X	1/1/2017 1/31/2017	31 R	1/16/2017 A	22.63 B	1/20/2017 A	3.5 R	(296,497,772)
2	Estimated Paymen February	15,862,164	2/1/2017 2/28/2017	28	2/15/2017	22.63	2/20/2017	5.0	(279,649,952)
3	Estimated Paymen March	14,352,692	3/1/2017 3/31/2017	31	3/16/2017	22.63	3/20/2017	3.5	(274,566,989)
4	Estimated Paymen April	12,429,126	4/1/2017 4/30/2017	30	4/16/2017	22.63	4/20/2017	4.0	(231,554,611)
5	Estimated Paymen May	12,217,888	5/1/2017 5/31/2017	31	5/16/2017	22.63	5/20/2017	3.5	(233,728,195)
6	Estimated Paymen June	15,153,332	6/1/2017 6/30/2017	30	6/16/2017	22.63	6/20/2017	4.0	(282,306,579)
7	Estimated Paymen July	18,221,459	7/1/2017 7/31/2017	31	7/16/2017	22.63	7/20/2017	3.5	(348,576,504)
8	Estimated Paymen August	18,913,659	8/1/2017 8/31/2017	31	8/16/2017	22.63	8/20/2017	3.5	(361,818,306)
9	Estimated Paymen Septembe	18,493,526	9/1/2017 9/30/2017	30	9/16/2017	22.63	9/20/2017	4.0	(344,534,393)
10	Estimated Paymen October	13,571,134	10/1/2017 10/31/2017	31	10/16/2017	22.63	10/20/2017	3.5	(259,615,797)
11	Estimated Paymen November	11,725,830	11/1/2017 11/30/2017	30	11/16/2017	22.63	11/20/2017	4.0	(218,452,206)
12	Estimated Paymen December	13,852,686	12/1/2017 12/31/2017	31	12/16/2017	22.63	12/20/2017	3.5	(265,001,876)
13	True up Payment January	8,583,772	12/1/2016 12/31/2016	31	12/16/2016	22.63	1/20/2017	34.5	101,889,374
14	True up Payment February	4,513,117	1/1/2017 1/31/2017	31	1/16/2017	22.63	2/20/2017	34.5	53,570,694
15	True up Payment March	5,089,001	2/1/2017 2/28/2017	28	2/15/2017	22.63	3/20/2017	33.0	52,772,938
16	True up Payment April	7,582,613	3/1/2017 3/31/2017	31	3/16/2017	22.63	4/20/2017	34.5	90,005,613
17	True up Payment May	6,232,106	4/1/2017 4/30/2017	30	4/16/2017	22.63	5/20/2017	34.0	70,859,044
18	True up Payment June	7,238,376	5/1/2017 5/31/2017	31	5/16/2017	22.63	6/20/2017	34.5	85,919,527
19	True up Payment July	8,222,586	6/1/2017 6/30/2017	30	6/16/2017	22.63	7/20/2017	34.0	93,490,799
20	True up Payment August	7,430,229	7/1/2017 7/31/2017	31	7/16/2017	22.63	8/20/2017	34.5	88,196,819
21	True up Payment Septembe	5,768,405	8/1/2017 8/31/2017	31	8/16/2017	22.63	9/20/2017	34.5	68,470,966
22	True up Payment October	6,462,524	9/1/2017 9/30/2017	30	9/16/2017	22.63	10/20/2017	34.0	73,478,900
23	True up Payment November	7,217,292	10/1/2017 10/31/2017	31	10/16/2017	22.63	11/20/2017	34.5	85,669,256
24	True up Payment December	7,787,463	11/1/2017 11/30/2017	30	11/16/2017	22.63	12/20/2017	34.0	88,543,459
Total		262,420,078 ✓	Total Amount		262,420,078	IC	(2,443,435,790)		✓
		Total Weighted Dollars		(2,443,435,790)		IC			
		(Lead) Lag Days		(9.31)		R			
		Average Daily Amount		718,959		R			
		Cash Working Capital Requirement		(6,694,345)		R			

Tickmark Legend

- A Compared dates for consistency against corresponding calendar weeks
- B Number agrees to DEC Schedule 2 - Collection Lag AR Turnover
- X Agrees to Calculations - Input 2017 tab
- R Recalculated
- ✓ Footed
- IC Internally consistent within spreadsheet

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Duke Energy Carolinas, LLC
Docket No. E-7, Sub 1214
Cash Working Capital for NC Retail Operations - Summary of Exhibits
For the test period ended December 31, 2017
Summer CP Demand Allocation with MINIMUM SYSTEM

<u>Schedule #</u>	<u>Exhibit Name</u>
1	Billing Statistics
2	Collection Lag AR Turnover
3	Sales for Resale
4	Misc Revenue
5	Coal Oil Biomass
6	Gas Purchase and Costs
7	Purchased Power
8	Nuclear Fees
9	Payroll
10	Pension and Benefits
11	Regulatory Expense
12	Limestone
13	Taxes Other Than Income
14	Income Taxes
15	Property Insurance
16	Interest on Customer Deposits
17	Workers Comp
18	Cash Working Capital Related to NC Sales Tax

DUKE ENERGY CAROLINAS, LLC
Docket No. E-7, Sub 1276
NCUC Form E-1 Data Request
For the test year ended December 31, 2021

Item No. 15

☐ **CONFIDENTIAL**

☒ **NOT CONFIDENTIAL**

Request:

None.

Response: