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August 30, 2021

**VIA ELECTRONIC FILING**

Ms. A. Shonta Dunston, Chief Clerk  
North Carolina Utilities Commission  
4325 Mail Service Center  
Raleigh, North Carolina 27699-4300

**RE: Duke Energy Carolinas, LLC's Quarterly Surveillance Report E.S.-1  
Docket No. M-1, Sub 12DEC**

Dear Ms. Dunston:

Pursuant to the North Carolina Utilities Commission's ("Commission") January 30, 2010 *Order Requiring Electronic Filing of Quarterly Financial and Operational Data* in Docket No. M-100, Sub 157, I enclose Duke Energy Carolinas, LLC's ("DEC") verified quarterly surveillance report, Commission Form E.S.-1, for the period ending June 30, 2021 for filing in connection with the referenced matter. Pursuant to the requirements of Docket No. E-7, Sub 1032, I also enclose supplemental schedules related to demand-side management and energy efficiency.

In this report, the use of composite allocation factors from the December 31, 2020 Cost of Service Study and current book numbers give a somewhat different perspective than would a cost of service study using the same 12 months data. In addition, different methodologies are used in arriving at the Income for Return and Rate Base Components for ratemaking purposes than are represented in this report. Therefore, DEC respectfully submits that this report should be used for informational purposes only and not for jurisdictional ratemaking purposes.

Thank you for your attention to this matter. If you have any questions, please let me know.

Sincerely,

Jack E. Jirak

Enclosure

cc: Parties of Record

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NCUC Form E.S.-1  
Rate of Return Calculations  
Duke Energy Carolinas, LLC  
Twelve Months Ended 30-Jun-2021

N.C. Rate Base Method  
Schedule 1  
(\$000s)

		Total Company (Booked)					
Line No.	Item	Average Capital (a)	Average Capital Ratio (b)	Rate Base (c)	Average Embedded Cost (d)	Overall Cost/Rate % (e)	Total Company Earnings (f)
1	Long-term Debt	\$ 12,651,329	48.71%	\$ 12,651,329	4.23%	2.06%	\$ 534,542
2	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
3	Members' Equity	13,321,425	51.29%	13,321,425	9.30%	4.77%	1,239,127
4	Total Capitalization	<u>\$ 25,972,754</u>	<u>100.00%</u>	<u>\$ 25,972,754</u>		<u>6.83%</u>	<u>\$ 1,773,668</u>
		Total Company Booked			Wholesale & Other Electric Operations Portion		
5	Long-term Debt	\$ 12,651,329	48.71%	\$ 1,081,328	4.23%	2.06%	\$ 45,740
6	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
7	Members' Equity	13,321,425	51.29%	1,138,603	2.08%	1.07%	23,648
8	Total Capitalization	<u>\$ 25,972,754</u>	<u>100.00%</u>	<u>\$ 2,219,931</u>		<u>3.13%</u>	<u>\$ 69,388</u>
		North Carolina Retail Electric Jurisdiction					
9	Long-term Debt	\$ 12,651,329	48.71%	\$ 7,920,067	4.23%	2.06%	\$ 335,019
10	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
11	Members' Equity	13,321,425	51.29%	8,339,566	10.76%	5.52%	897,352
12	Total Capitalization	<u>\$ 25,972,754</u>	<u>100.00%</u>	<u>\$ 16,259,632</u>	[A] [C]	<u>7.58%</u>	<u>\$ 1,232,371</u>
		South Carolina Retail Electric Jurisdiction					
13	Long-term Debt	\$ 12,651,329	48.71%	\$ 2,710,516	4.23%	2.06%	\$ 114,655
14	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
15	Members' Equity	13,321,425	51.29%	2,854,082	12.52%	6.42%	357,254
16	Total Capitalization	<u>\$ 25,972,754</u>	<u>100.00%</u>	<u>\$ 5,564,598</u>		<u>8.48%</u>	<u>\$ 471,909</u>
		Other Company Operations - Residual Balances					
17	Long-term Debt	\$ 12,651,329	48.71%	\$ 939,418	4.23%	2.03%	\$ 39,128
18	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
19	Members' Equity	13,321,425	51.29%	989,175	-3.96%	-2.03%	(39,128)
20	Total Capitalization	<u>\$ 25,972,754</u>	<u>100.00%</u>	<u>\$ 1,928,592</u>		<u>0.00%</u>	<u>\$ 0</u>

[A] If adjusted for weather, this rate would be 10.89%.

[B] Excludes costs and insurance proceeds associated with the Dan River release.

[C] This rate is based on historical information and average rate base over a 13-month period. It is not reflective of expected future returns. Future returns will be impacted by significant rate base additions, new costs, and the elimination of one-time expenses occurring in the historical period.

[D] Allocation factors based on 2020 Cost of Service.

NCUC Form E.S.-1  
Rate of Return Calculations  
Ratio of Earnings to Fixed Charges - SEC Method  
Duke Energy Carolinas, LLC  
Twelve Months Ended 30-Jun-2021

Financial Method  
Schedule 1a  
(\$000s)

Line No.	Item	Total Company (a)	Wholesale (b)	NC Retail (c)	SC Retail (d)	Other (e)
1	<u>Rate of Return on Investment</u>					
2	Net Operating Income (Schedule 4, Line 34)	\$ 1,773,668	\$ 69,388	\$ 1,232,371	\$ 471,909	\$ -
3	Net Investment Including Materials and Supplies (Schedule 5, Line 7)	\$ 31,695,303	\$ 2,962,390	\$ 21,426,200	\$ 7,306,714	\$ -
4	Rate of Return on Investment (L2 / L3)	5.60%	2.34%	5.75%	6.46%	0.00%
5	<u>Ratio of Earnings to Fixed Charges (SEC)</u>					
6	Net Income (Schedule 4, Line 55)	\$ 933,467	\$ 23,648	\$ 897,352	\$ 357,254	\$ (344,787)
7	Add Back:					
8	Federal Income Tax Including Investment Credits (Schedule 4, Line 28) [A]	\$ 50,348	\$ (8,440)	\$ 92,362	\$ 61,732	\$ (95,306)
9	State Income Tax (Schedule 4, Line 29 + Line 30) [B]	(54,855)	153	(31,846)	(9,231)	(13,931)
10	Total Net Income Plus Income Taxes (L6 + L8 + L9)	<u>\$ 928,960</u>	<u>\$ 15,361</u>	<u>\$ 957,868</u>	<u>\$ 409,755</u>	<u>\$ (454,024)</u>
11	<u>Fixed Charges</u>					
12	Interest Expense Excluding Allowance for Funds Used During Constr. [C]	\$ 528,351	\$ 45,740	\$ 343,466	\$ 115,412	\$ 23,733
13	1/3 Rentals Included in Fixed Charges	34,218	2,433	23,667	8,118	-
14	Total Fixed Charges (L12 + L13)	<u>\$ 562,570</u>	<u>\$ 48,173</u>	<u>\$ 367,133</u>	<u>\$ 123,529</u>	<u>\$ 23,733</u>
15	Earnings as Adjusted (L10 + L14)	<u>\$ 1,491,530</u>	<u>\$ 63,534</u>	<u>\$ 1,325,002</u>	<u>\$ 533,284</u>	<u>\$ (430,291)</u>
16	Ratio of Earnings to Fixed Charges (L15 / L14)	2.65	1.32	3.61	4.32	-18.13
17	Common Stock Dividends Paid/Declared	n/a				
18	<u>Number of Shares Outstanding: (Rounded to thousands)</u>					
19	End of Period	n/a				
20	Yearly Average	n/a				

[A] Includes below the line federal income taxes of -\$95,306.

[B] Includes below the line state income taxes of -\$13,931.

[C] Includes interest on customer deposits of \$8,447 for NC Retail and \$757 for SC Retail.

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NCUC Form E.S.-1  
Capital  
Duke Energy Carolinas, LLC  
Twelve Months Ended 30-Jun-2021

N.C. Rate Base Method  
Schedule 2  
(\$000s)

Line No.	Item	Long-term Debt* (a)	Preferred Stock (b)	Total Members' Equity (c)	Total Capital (col. a+b+c) (d)
1	<u>Total Company</u>				
2	Balance at end of:				
3	Jun-2020	\$ 12,587,580	\$ -	\$ 13,059,858	\$ 25,647,438
4	Jul-2020	12,594,342	-	13,263,153	25,857,495
5	Aug-2020	12,603,407	-	13,454,522	26,057,930
6	Sep-2020	12,611,866	-	13,285,044	25,896,911
7	Oct-2020	12,618,793	-	13,375,912	25,994,705
8	Nov-2020	12,281,958	-	13,448,720	25,730,678
9	Dec-2020	12,279,806	-	13,146,442	25,426,248
10	Jan-2021	12,386,574	-	13,311,678	25,698,252
11	Feb-2021	12,387,271	-	13,380,177	25,767,448
12	Mar-2021	12,388,958	-	13,466,209	25,855,167
13	Apr-2021	13,327,236	-	13,242,517	26,569,752
14	May-2021	13,428,743	-	13,340,080	26,768,823
15	Jun-2021	12,970,743	-	13,404,219	26,374,962
16	Total (Sum L3 through L15)	\$ 164,467,278	\$ -	\$ 173,178,531	\$ 337,645,808
17	13 Month Average (L16 / 13 Months)	\$ 12,651,329	\$ -	\$ 13,321,425	\$ 25,972,754
18	13 Month Average Ratio	48.71%	0.00%	51.29%	100.00%
19	Net Proceeds	NA			
20	<u>Allocation of Total Company Data</u>				
21	Wholesale Jurisdiction Amount	\$ 1,081,328	\$ -	\$ 1,138,603	\$ 2,219,931
22	N.C. Retail Electric Jurisdiction Amount	\$ 7,920,067	\$ -	\$ 8,339,566	\$ 16,259,632
23	S.C. Retail Electric Jurisdiction Amount	\$ 2,710,516	\$ -	\$ 2,854,082	\$ 5,564,598
24	Other Company Operations Amount	\$ 939,418	\$ -	\$ 989,175	\$ 1,928,593
25	Actual Interest Accrued for the Period (Schedule 4, L46 + L47 + L48)	\$ 534,542			
26	Average Embedded Cost for the Period (Col. a, L23/L16)	4.23%			

\*Long-term Debt includes Current Maturities

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NCUC Form E.S.-1  
Rate Base  
Duke Energy Carolinas, LLC  
Twelve Months Ended 30-Jun-2021

N.C. Rate Base Method  
Schedule 3  
(\$000s)

Line No.	Item	Plant in Service (a)	CWIP Allowed (b)	Accumulated Provision for Depreciation (c)	Cost Free Capital		Operating Reserves (e)	Working Capital Allowance (f)	Rate Base (a+b-c-d-e+f) (g)	Total Company Booked CWIP (h)
					Accumulated Deferred Income Taxes (d)					
1	<u>Total Company Jurisdictional Data</u>									
2	Balance at end of:									
3	Jun-2020	\$ 44,568,509	\$ -	\$ (17,103,180)	\$ (3,961,517)	\$ (434,030)	\$ 438,033	\$ 23,507,815		1,389,404
4	Jul-2020	44,593,552	-	(17,173,318)	(3,963,398)	(427,698)	381,988	23,411,126		1,479,372
5	Aug-2020	44,751,005	-	(17,216,076)	(3,963,371)	(549,173)	405,092	23,427,477		1,541,049
6	Sep-2020	44,939,143	-	(17,291,543)	(3,902,384)	(539,652)	361,854	23,567,417		1,646,868
7	Oct-2020	45,001,164	-	(17,286,313)	(3,928,364)	(534,956)	405,335	23,656,865		1,721,946
8	Nov-2020	45,246,621	-	(17,390,165)	(3,959,264)	(531,662)	414,985	23,780,515		1,691,581
9	Dec-2020	45,516,118	-	(17,425,306)	(3,856,695)	(509,469)	387,638	24,112,286		1,635,153
10	Jan-2021	45,691,456	-	(17,504,378)	(3,856,695)	(503,203)	377,854	24,205,033		1,567,356
11	Feb-2021	45,811,635	-	(17,594,870)	(3,856,698)	(496,240)	371,496	24,235,322		1,593,111
12	Mar-2021	45,916,134	-	(17,561,751)	(3,921,459)	(371,066)	271,611	24,333,470		1,532,546
13	Apr-2021	46,029,467	-	(17,619,872)	(4,046,470)	(364,014)	315,770	24,314,881		1,556,922
14	May-2021	46,201,829	-	(17,684,026)	(4,046,470)	(356,173)	330,804	24,445,964		1,534,986
15	Jun-2021	46,229,324	-	(17,736,442)	(4,106,841)	(348,715)	1,538,604	25,575,930		1,620,161
16	Total (Sum L3 through L15)	\$ 590,495,956	\$ -	\$ (226,587,241)	\$ (51,369,628)	\$ (5,966,050)	\$ 6,001,063	\$ 312,574,101	\$	20,510,455
17	13 Month Average (L16 / 13 Months)	\$ 45,422,766	\$ -	\$ (17,429,788)	\$ (3,951,510)	\$ (458,927)	\$ 461,620	\$ 24,044,162	\$	1,577,727
18	<u>Allocation of Total Company Jurisdictional Data</u>									
19	Wholesale Electric Jurisdiction Amount	\$ 4,258,049	\$ -	\$ (1,631,685)	\$ (374,542)	\$ (42,711)	\$ 10,820	\$ 2,219,931	\$	-
20	N.C. Retail Electric Jurisdiction Amount	\$ 30,683,344	\$ -	\$ (11,776,855)	\$ (2,674,102)	\$ (328,842)	\$ 356,087	\$ 16,259,632	\$	-
21	S.C. Retail Electric Jurisdiction Amount	\$ 10,481,373	\$ -	\$ (4,021,247)	\$ (902,866)	\$ (87,374)	\$ 94,713	\$ 5,564,598	\$	-
22	Other Company Operations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0	\$ 0	\$	1,577,727

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NCUC Form E.S.-1  
Income Statement  
Duke Energy Carolinas, LLC  
Twelve Months Ended 30-Jun-2021

N.C. Rate Base Method  
Schedule 4  
Page 1 of 2  
(\$000s)

Line No.	Item	Total Company (a)	Wholesale (b)	NC Retail (c)	SC Retail (d)	Other (e)
1	<u>OPERATING REVENUES</u>					
2	Residential Sales	\$ 3,036,823	\$ -	\$ 2,276,220	\$ 760,603	\$ -
3	Commercial Sales	2,134,324	-	1,678,114	456,210	-
4	Industrial Sales	1,104,823	-	666,990	437,834	-
5	Public Street Lighting Sales	43,625	-	35,139	8,486	-
6	Sales for Resale	410,004	386,675	17,227	6,102	-
7	Joint Dispatch	40,657	3,686	27,301	9,670	-
8	Provision for Rate Refund	3,283	-	3,283	-	-
9	Unbilled Revenue	952	-	6,918	(5,966)	-
10	Income Tax Reform	18,068	-	5,044	13,024	-
11	Total Sales of Electricity (Sum L2 through L10)	\$ 6,792,559	\$ 390,361	\$ 4,716,235	\$ 1,685,963	\$ -
12	Other Electric Revenues	183,409	111,120	54,391	17,898	-
13	Total Electric Operating Revenues (Sum L11 through L12)	\$ 6,975,968	\$ 501,482	\$ 4,770,626	\$ 1,703,861	\$ -
14	<u>OPERATING EXPENSES</u>					
15	Fuel Used in Electric Generation	\$ 1,300,443	\$ 116,913	\$ 881,472	\$ 302,058	\$ -
16	Purchased Power	183,789	17,091	128,697	38,002	-
17	Purchased Power - Joint Dispatch	135,620	12,297	91,066	32,258	-
18	Maintenance	557,648	39,666	382,498	135,484	-
19	Other Operating Expenses (Except Taxes) (A)	1,131,240	91,274	768,329	271,637	-
20	Total Operating Expenses (Sum L15 through L19)	\$ 3,308,742	\$ 277,241	\$ 2,252,063	\$ 779,438	\$ -
21	Depreciation and Amortization	1,489,447	137,710	1,026,935	324,803	-
22	Total Expenses and Depreciation (Sum L20 through L21)	\$ 4,798,189	\$ 414,951	\$ 3,278,998	\$ 1,104,241	\$ -
23	<u>OPERATING TAXES</u>					
24	Federal Income Tax Liability	\$ 280,737	\$ 3,120	194,441	\$ 83,176	-
25	Federal Income Tax - Deferred	(131,305)	(11,177)	(99,554)	(20,574)	-
26	Investment Tax Credit (ITC) Normalization	-	-	-	-	-
27	Amortization of Investment Tax Credits (ITC)	(3,778)	(382)	(2,526)	(870)	-
28	Total Federal Taxes - Operating (Sum L24 through L27)	145,654	\$ (8,440)	\$ 92,362	\$ 61,732	\$ -
29	State Income Tax	30,908	343	21,407	9,157	-
30	State Income Tax - Deferred	(71,832)	(191)	(53,253)	(18,388)	-
31	Other Operating Taxes (General)	299,381	25,430	198,741	75,210	-
32	Total Operating Taxes (Sum L28 through L31)	\$ 404,111	\$ 17,143	\$ 259,257	\$ 127,711	\$ -
33	Total Operating Expenses, Depreciation & Taxes (L22 - L32)	\$ 5,202,300	\$ 432,093	\$ 3,538,255	\$ 1,231,952	\$ -
34	Net Operating Income Net of Interest on Customer Deposits (L13 - L33)	\$ 1,773,668	\$ 69,388	\$ 1,232,371	\$ 471,909	\$ -

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Line No.	Item	Total Company (a)	Wholesale (b)	NC Retail (c)	SC Retail (d)	Other (e)
35	<u>OTHER INCOME</u>					
36	Allow for Equity Funds Used During Construction	\$ 63,170	\$ -	\$ -	\$ -	\$ 63,170
37	Equity and Earnings of Subsidiary Companies	-	-	-	-	-
38	Interest and Dividend Income (A)	998	-	-	-	998
39	Miscellaneous Income	58,157	-	-	-	58,157
40	Total Other Income (Sum L36 through L39)	\$ 122,325	\$ -	\$ -	\$ -	\$ 122,325
41	<u>OTHER DEDUCTIONS</u>					
42	Miscellaneous Income Deductions	\$ 579,835	\$ -	\$ -	\$ -	\$ 579,835
43	Taxes Applicable to Other Income & Deductions	(108,380)	-	-	-	(108,380)
44	Total Other Deductions (Sum L42 through L43)	\$ 471,455	\$ -	\$ -	\$ -	\$ 471,455
45	<u>INTEREST CHARGES</u>					
46	Interest on Long-term Debt	\$ 520,325	\$ 44,524	\$ 326,109	\$ 111,606	\$ 38,087
47	Amortization of Debt Discount and Expense	14,324	1,226	8,977	3,072	1,048
48	Amortization of Premium on Debt (Cr.)	(107)	(9)	(67)	(23)	(8)
49	Interest on Advances from Affiliated Companies	-	-	-	-	-
50	Other Interest Expense [A]	(15,394)	-	-	-	(15,394)
51	Allowance for Borrowed Funds Used During Constr.	(28,077)	-	-	-	(28,077)
52	Total Interest Charges (Sum L46 through L51)	\$ 491,071	\$ 45,740	\$ 335,019	\$ 114,655	\$ (4,343)
53	Net Income Before Extraordinary and Delayed Items (L34 + L40 - L44 - L52)	\$ 933,467	\$ 23,648	\$ 897,352	\$ 357,254	\$ (344,787)
54	Extraordinary & Delayed Items	-	-	-	-	-
55	Net Income (L53 + L54)	\$ 933,467	\$ 23,648	\$ 897,352	\$ 357,254	\$ (344,787)
56	Less Preferred Dividends	-	-	-	-	-
57	Net Income Available for Members' (Common) Equity	\$ 933,467	\$ 23,648	\$ 897,352	\$ 357,254	\$ (344,787)
58	Members' Equity Capital - Year End (Schedule 5, Line 16)	\$ 13,409,029	\$ 1,253,270	\$ 9,064,577	\$ 3,091,182	\$ -
59	Members' Equity Capital - Simple Average	\$ 13,239,292	\$ 1,237,405.44	\$ 8,949,834.09	\$ 3,052,052.08	\$ -
60	Rate of Return on Members' Equity - Year End	6.96%	1.89%	9.90%	11.56%	0.00%
61	Rate of Return on Members' (Common) Equity - Simple Average	7.05%	1.91%	10.03%	11.71%	0.00%

[A] Excludes interest on customer deposits of \$8,447 for NC Retail and \$757 for SC Retail.

NCUC Form E.S.-1  
Condensed Balance Sheet  
Duke Energy Carolinas, LLC  
Twelve Months Ended 30-Jun-2021

Financial Method  
Schedule 5  
(\$000s)

Line No.	Item	Total Company Booked (a)	Allocation Factor (b)	Wholesale Operations (c)	Allocation Factor (d)	NC Retail Operations (e)	Allocation Factor (f)	SC Retail Operations (g)	Other Company Operations (h)
1									
2	<u>ASSETS</u>								
3	Electric Plant in Service	\$ 48,773,633	9.3361%	\$ 4,553,561	67.5757%	\$ 32,959,143	23.0881%	\$ 11,260,929	\$ -
4	Less: Accumulated Depreciation & Amortization	18,148,535	9.3406%	1,695,189	67.5829%	12,265,313	23.0764%	4,188,033	-
5	Net Plant in Service (L3 - L4)	\$ 30,625,099		\$ 2,858,372		\$ 20,693,831		\$ 7,072,896	\$ -
6	Plus: Materials and Supplies	1,070,205	9.7194%	104,018	68.4326%	732,369	21.8480%	233,818	-
7	Net Plant in Service and Materials & Supplies(L5 + L6)	\$ 31,695,303		\$ 2,962,390		\$ 21,426,200		\$ 7,306,714	\$ -
8	Percent of Total (Line 7)	100.0000%		9.3465%		67.6006%		23.0530%	0.0000%
9	CWIP Allowed in General Rate Cases	-		-		-		-	-
10	CWIP - All Other	1,620,161	9.3465%	151,428	67.6006%	1,095,238	23.0530%	373,496	-
11	Other Property and Investments (Less Depreciation)	5,587,353	9.3465%	522,220	67.6006%	3,777,082	23.0530%	1,288,052	-
12	Current Assets	1,169,210	9.3465%	109,280	67.6006%	790,392	23.0530%	269,538	-
13	Deferred Debits	4,650,129	9.3465%	434,623	67.6006%	3,143,513	23.0530%	1,071,994	-
14	Total Assets (Sum L7 through L13)	<u>\$ 44,722,156</u>		<u>\$ 4,179,940</u>		<u>\$ 30,232,424</u>		<u>\$ 10,309,793</u>	<u>\$ 0</u>
15	<u>LIABILITIES AND MEMBERS' EQUITY</u>								
16	Total Members' Equity	\$ 13,409,029	9.3465%	\$ 1,253,270	67.6006%	\$ 9,064,577	23.0530%	\$ 3,091,182	\$ -
17	Total Long-term Debt	13,052,167	9.3465%	1,219,916	67.6006%	8,823,337	23.0530%	3,008,914	-
18	Total Capitalization (L16 + L17)	\$ 26,461,196		\$ 2,473,186		\$ 17,887,914		\$ 6,100,096	\$ -
19	Short-term Obligations	26,004	9.3465%	2,430	67.6006%	17,579	23.0530%	5,995	-
20	Advances from Parent or Affiliate								-
21	Deferred Credits	6,415,389	9.3465%	599,612	67.6006%	4,336,838	23.0530%	1,478,939	-
22	Operating Reserves	348,715	9.3465%	32,592	67.6006%	235,733	23.0530%	80,389	-
23	Accumulated Deferred Income Taxes (Net)	3,936,413	9.3465%	367,915	67.6006%	2,661,037	23.0530%	907,461	-
24	Other Liabilities	7,534,440	9.3465%	704,204	67.6006%	5,093,323	23.0530%	1,736,913	-
25	Total Liabilities (Sum L18 through L24)	<u>\$ 44,722,156</u>		<u>\$ 4,179,940</u>		<u>\$ 30,232,424</u>		<u>\$ 10,309,793</u>	<u>\$ -</u>

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Electric Operations N.C. Retail Revenues and Expenses (\$000s)										
Test Year 12 Months Ended December 31, 2018 End of Period After Increase NCUC Docket E-7, Sub 1214			Actual Operations for 12 Months Ended 30-Jun-2021							
			Allocation Factors in NCUC Docket E-7, Sub 1214					Current Allocation Cost Study if One Has Been Made Since Last Rate Case		
								Study Date	12/31/2020	Updated
Line No.	Item	Retail Amount (a)	Expenses as a % of Revenue (b)	Expenses (c)	Retail Amount (d)	Expenses as a % of Revenue (e)	Expenses (f)	Retail Amount (g)	Expenses as a % of Revenue (h)	Expenses (i)
1	<u>OPERATING REVENUES</u>									
2	Gross Operating Revenues	\$ 4,957,881	100.00%		\$ 4,777,934	100.00%		\$ 4,770,626	100.00%	
3	<u>OPERATING REVENUE DEDUCTIONS</u>									
4	Fuel Expense	\$ 1,039,423	20.97%	27.61%	\$ 864,921	18.10%	24.36%	\$ 881,472	18.48%	24.91%
5	Purchased Power	23,412	0.47%	0.62%	252,291	5.28%	7.11%	219,763	4.61%	6.21%
6	Operating & Maintenance Expense - Other	1,163,514	23.47%	30.90%	1,136,081	23.78%	32.00%	1,142,380	23.95%	32.29%
7	Depreciation and Amortization	1,084,682	21.88%	28.81%	1,034,643	21.65%	29.14%	1,026,935	21.53%	29.02%
8	Taxes Other Than Income Taxes	212,103	4.28%	5.63%	199,502	4.18%	5.62%	198,741	4.17%	5.62%
9	Income Taxes - State, Federal and Deferred	237,674	4.79%	6.31%	57,081	1.19%	1.61%	63,042	1.32%	1.78%
10	Amort. of Investment Tax Credits (ITC)	(2,836)	-0.06%	-0.08%	(2,533)	-0.05%	-0.07%	(2,526)	-0.05%	-0.07%
11	Interest on Customer Deposits	7,130	0.14%	0.19%	8,447	0.18%	0.24%	8,447	0.18%	0.24%
12	Total Oper Expenses (Sum L4 through L11)	<u>\$ 3,765,102</u>	75.94%	100.00%	<u>\$ 3,550,432</u>	74.31%	100.00%	<u>\$ 3,538,255</u>	74.17%	100.00%
13	Net Operating Income for Return (L2 - L12)	<u>\$ 1,192,779</u>	24.06%		<u>\$ 1,227,501</u>	25.69%		<u>\$ 1,232,371</u>	25.83%	

Rate Base										
Line No.	Item	Test Year 12 Months Ended December 31, 2016 End of Period After Increase NCUC Docket E-7, Sub 1214			Actual Operations for 12 Months Ended 30-Jun-2021					
		Total Company	Allocation Factor	N.C. Retail Amount	Total Company	Allocation Factor	N.C. Retail Amount	Total Company	Allocation Factor	N.C. Retail Amount
		(a)	(b)	(c)	(d)	(e) = (b)	(f)	(g)	(h)	(i)
14	<u>INVESTMENT IN ELECTRIC PLANT</u>									
15	Electric Plant in Service	\$ 40,519,492	73.46%	\$ 29,765,829	\$ 44,904,891	68.07%	\$ 30,565,235	\$ 44,904,891	67.56%	\$ 30,335,602
16	Net Nuclear Fuel	537,828	65.88%	354,338	517,875	65.88%	341,193	517,875	67.15%	347,742
17	Construction Work in Progress	-	100.00%	-	-	100.00%	-	-	100.00%	-
18	Less: Accumulated Provision for Depr.	(15,830,487)	73.79%	(11,680,960)	(17,429,788)	68.08%	(11,866,003)	(17,429,788)	67.57%	(11,776,855)
19	Less: Accumulated Deferred Income Taxes	(3,824,449)	37.84%	(1,447,189)	(3,951,510)	68.16%	(2,693,209)	(3,951,510)	67.67%	(2,674,102)
20	Operating Reserves	(628,321)	67.49%	(424,053)	(458,927)	72.39%	(332,222)	(458,927)	71.65%	(328,842)
21	Net Investment in Electric Plant	\$ 20,774,063	79.75%	\$ 16,567,965	\$ 23,582,541	67.91%	\$ 16,014,995	\$ 23,582,541	67.44%	\$ 15,903,545
22	<u>ALLOWANCE FOR WORKING CAPITAL AND DEFERRED DEBITS &amp; CREDITS</u>									
23	Cash Requirement	\$ 300	68.14%	\$ 204	\$ 300	68.14%	\$ 204	\$ 300	67.43%	\$ 202
24	Materials & Supplies	994,443	64.30%	639,426	1,081,433	68.19%	737,393	1,081,433	68.43%	740,053
25	Unamortized Debt	114,911	68.14%	78,306	113,786	68.14%	77,538	113,786	67.43%	76,730
26	Investor Funds Advanced for Operations	260,829	72.97%	190,338	239,393	67.56%	161,725	239,393	67.56%	161,725
27	Other Rate Base	(656,436)	67.12%	(440,597)	(860,502)	62.04%	(533,832)	(860,502)	62.43%	(537,178)
28	Customer Deposits	(126,585)	76.32%	(96,608)	(112,790)	75.76%	(85,445)	(112,790)	75.76%	(85,445)
29	Total (Sum L23 through L28)	\$ 587,464	63.16%	\$ 371,069	\$ 461,620	77.46%	\$ 357,584	\$ 461,620	77.14%	\$ 356,087
30	Original Cost Rate Base (L21 + L29)	\$ 21,361,527	79.30%	\$ 16,939,033	\$ 24,044,162	68.09%	\$ 16,372,579	\$ 24,044,162	67.62%	\$ 16,259,632

NCUC Form E.S.-1  
Long-Term Debt and Interest Charges  
Duke Energy Carolinas, LLC  
Twelve Months Ended 30-Jun-2021

N.C. Rate Base Method / Financial Method  
Schedule 7  
(\$000s)

Line No.	Type Obligation (Bonds, Debentures, Notes, etc.)	Issue Date	Maturity Date	Par Amount	Amount Outstanding	Interest Rate	Interest Booked for 12 Months Ended This Report	Interest Annualized On O/S Long-Term Debt Col. (d)*(e)
1	DE Car 350M 3.35% 05/15/22	11/8/2018	5/15/2022	350,000	350,000	3.35	11,725	11,725
2	DE Car 350M 3.20% 8/15/49	8/14/2019	8/15/2049	350,000	350,000	3.20	11,200	11,200
3	DE Car 400M 3.20% 8/15/49 Reopener	1/8/2020	8/15/2049	400,000	400,000	3.20	12,800	12,800
4	DE Car 450M 2.45% 8/15/29	8/14/2019	8/15/2029	450,000	450,000	2.45	11,025	11,025
5	DE Car 450M 3.45% 4/15/51	4/1/2021	4/15/2051	450,000	450,000	3.45	3,881	15,525
6	DE Car 500M 3.9% 6/15/21	5/19/2011	6/15/2021	500,000	-	3.90	18,633	-
7	DE Car 500M 3.75% 6/1/45	3/12/2015	6/1/2045	500,000	500,000	3.75	18,750	18,750
8	DE Car 500M 2.50% 3/15/23	3/11/2016	3/15/2023	500,000	500,000	2.50	12,500	12,500
9	DE Car 500M 3.875% 3/15/46	3/11/2016	3/15/2046	500,000	500,000	3.875	19,375	19,375
10	DE Car 500M 3.95% 3/15/48	3/1/2018	3/15/2048	500,000	500,000	3.95	19,750	19,750
11	DE Car 500M 3.05% 3/15/23	3/1/2018	3/15/2023	500,000	500,000	3.05	15,250	15,250
12	DE Car 500M 2.45% 2/1/30	1/8/2020	2/1/2030	500,000	500,000	2.45	12,250	12,250
13	DE Car 500M 6.00% 1/15/38	1/10/2008	1/15/2038	500,000	500,000	6.00	30,000	30,000
14	DE Car 50M PCB 4.625% 11/1/20_65820AAK4	9/1/2010	11/1/2020	50,000	-	4.625	771	-
15	DE Car 50M PCB 4.625% 11/1/20_65820AAL2	9/1/2010	11/1/2020	50,000	-	4.625	771	-
16	DE Car 550M 3.70% 12/1/47	11/14/2017	12/1/2047	550,000	550,000	3.70	20,350	20,350
17	DE Car 550M 2.55% 4/15/31	4/1/2021	4/15/2031	550,000	550,000	2.55	3,506	14,025
18	DE Car 600M 2.95% 12/1/26	11/17/2016	12/1/2026	600,000	600,000	2.95	17,700	17,700
19	DE Car 600M 6.05% 4/15/38	4/14/2008	4/15/2038	600,000	600,000	6.05	36,300	36,300
20	DE Car 650M 3.95% 11/15/28	11/8/2018	11/15/2028	650,000	650,000	3.95	25,675	25,675
21	DE Car 650M 4.25% 12/15/41	12/8/2011	12/15/2041	650,000	650,000	4.25	27,625	27,625
22	DE Car 650M 4.00% 9/30/42	9/21/2012	9/30/2042	650,000	650,000	4.00	26,000	26,000
23	DE Car 71.595M PCB 4.375% 10/01/20	9/1/2010	11/1/2020	71,595	-	4.375	1,044	-
24	DE Car 71.605M PCB 4.375% 10/01/20	9/1/2010	11/1/2020	71,605	-	4.375	1,044	-
25	DE Car 750M 5.30% 2/15/40	11/19/2009	2/15/2040	750,000	750,000	5.30	39,750	39,750
26	DE Car DERF 290.3M 12/13/22	12/1/2015	12/13/2022	289,776	289,776	0.84	2,589	2,420
27	DE Car DERF 184.7M 12/13/22	12/15/2017	12/13/2022	184,403	184,403	0.84	1,646	1,540
28	DE Car Greensboro Transit 8.95% 07/01/27	7/1/1991	7/1/2027	7,562	7,562	8.95	677	677
29	Charlotte Metro Debt	12/23/2019	12/31/2052	264,292	264,292	3.66	6,929	9,684
30	Total Mortgage, Pollution Control Bonds and DERF (Sum L1 through L29)			\$ 11,989,232	\$ 11,246,032		\$ 409,516	\$ 411,896
31	DE Car 300M 6.00% 12/1/28	12/4/1998	12/1/2028	300,000	300,000	6.00	18,000	18,000
32	DE Car 350M 6.45% 10/15/32	10/8/2002	10/15/2032	350,000	350,000	6.45	22,575	22,575
33	DE Car 500M 6.10% 6/1/37	6/5/2007	6/1/2037	500,000	500,000	6.10	30,500	30,500
34	Total Senior Debt (Sum L31 through L33)			\$ 1,150,000	\$ 1,150,000		\$ 71,075	\$ 71,075
35	Capital Leases			292,352	292,352		32,921	32,765
36	DE Car 300M CP LTD	9/30/2009	3/16/2026	300,000	300,000	0.17	1,071	515
37	Gains on Terminated Swaps (224.02 / 431.90)	Various	Various	3,914	3,914		5,742	4,233
38	Unamortized Debt Expense, Discount and Premium			(21,555)	(21,555)		14,217	14,463
39	Current Portion of Long-Term Debt			(350,000)	(350,000)	3.35		(11,725)
40	Total Long-Term Debt (L30 + L34 + Sum L35 through L39)			\$ 13,363,943	\$ 12,620,743		\$ 534,542	\$ 523,222
41	Wholesale Electric Jurisdiction Amount			\$ 1,219,916			\$ 51,669	\$ 50,574
42	N.C. Retail Electric Jurisdiction Amount			8,823,337			373,706	365,792
43	S.C. Retail Electric Jurisdiction Amount			3,008,914			127,440	124,741
44	Other Company Operations Amount			(431,424)			(18,273)	(17,886)
45	Total Company			\$ 12,620,743			\$ 534,542	\$ 523,222

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NCUC Form E.S.-1  
Duke Energy Carolinas, LLC  
Twelve Months Ended 30-Jun-2021

Statistical Data  
Schedule 8  
Page 1 of 2

Line No.	Item	Total Company (a)	Wholesale (b)	% of Total (c)	NC Retail (d)	% of Total (e)	SC Retail (f)	% of Total (g)
1	<u>Operating Revenues (\$000s)</u>							
2	Residential Sales	\$ 3,036,823	\$ -	0.0000%	\$ 2,276,220	74.9540%	\$ 760,603	25.0460%
3	Commercial Sales	2,134,324	-	0.0000%	1,678,114	78.6251%	456,210	21.3749%
4	Industrial Sales	1,104,823	-	0.0000%	666,990	60.3707%	437,834	39.6293%
5	Public Street Lighting Sales	43,625	-	0.0000%	35,139	80.5479%	8,486	19.4521%
6	Sales for Resale	410,004	386,675	94.3100%	17,227	4.2016%	6,102	1.4883%
7	Joint Dispatch	40,657	3,686	9.0669%	27,301	67.1478%	9,670	23.7853%
8	Provision for Rate Refund	3,283	-	0.0000%	3,283	100.0000%	-	0.0000%
9	Unbilled Revenue	952	-	0.0000%	6,918	726.3927%	(5,966)	-626.3927%
10	Income Tax Reform	18,068	-	0.0000%	5,044	27.9168%	13,024	72.0832%
11	Total Revenue from Sales of Electricity (Sum L2 through L10)	<u>\$ 6,792,559</u>	<u>\$ 390,361</u>	5.7469%	<u>\$ 4,716,235</u>	69.4324%	<u>\$ 1,685,963</u>	24.8207%
12	<u>Kilowatt-Hours Sold (000s)</u>							
13	Residential Sales	29,164,485	-	0.0000%	22,365,980	76.6891%	6,798,505	23.3109%
14	Commercial Sales	27,695,868	-	0.0000%	22,528,482	81.3424%	5,167,386	18.6576%
15	Industrial Sales	19,746,527	-	0.0000%	11,639,843	58.9463%	8,106,684	41.0537%
16	Public Street Lighting Sales	298,892	-	0.0000%	252,258	84.3978%	46,634	15.6022%
17	Sales for Resale	8,201,770	7,735,089	94.3100%	344,606	4.2016%	122,067	1.4883%
18	Joint Dispatch	1,394,173	126,408	9.0669%	936,156	67.1478%	331,608	23.7853%
19	Total KWH Sales (Subtotal) (Sum L13 through L18)	<u>86,501,715</u>	<u>7,861,498</u>	9.0883%	<u>58,067,326</u>	67.1285%	<u>20,572,883</u>	23.7832%
20	<u>Revenue Per KWH Sold (Cents)</u>							
21	Residential Sales	10.41	-		10.18		11.19	
22	Commercial Sales	7.71	-		7.45		8.83	
23	Industrial Sales	5.60	-		5.73		5.40	
24	Public Street Lighting Sales	14.60	-		13.93		18.20	
25	Sales for Resale	5.00	5.00					
26	Total Revenue per KWH Sold	7.85	4.97					

NCUC Form E.S.-1  
Duke Energy Carolinas, LLC  
Twelve Months Ended 30-Jun-2021

Statistical Data  
Schedule 8  
Page 2 of 2

Line No.	Item	Total Company (a)	Wholesale & Other Jurisdiction (b)	% of Total (c)	N.C. Retail (d)	% of Total (e)	S.C. Retail (f)	% of Total (g)
27	<u>Period End Number of Customers</u>							
28	Residential Sales	2,370,037	-	0.0000%	1,836,698	77.4966%	533,339	22.5034%
29	Commercial Sales	400,713	-	0.0000%	299,084	74.6380%	101,629	25.3620%
30	Industrial Sales	5,828	-	0.0000%	4,444	76.2526%	1,384	23.7474%
31	Public Street Lighting Sales	14,404	-	0.0000%	11,022	76.5204%	3,382	23.4796%
32	Sales for Resale	17	17	100.0000%		0.0000%		0.0000%
33	Total Customers - Period End (Sum L28 through L32)	<u>2,790,999</u>	<u>17</u>	0.0006%	<u>2,151,248</u>	77.0781%	<u>639,734</u>	22.9213%
34	<u>Average Number of Customers</u>							
35	Residential Sales	2,325,542	(0)	0.0000%	1,802,525	77.5099%	523,017	22.4901%
36	Commercial Sales	375,619	(1)	-0.0002%	280,385	74.6461%	95,235	25.3541%
37	Industrial Sales	6,014	0	0.0055%	4,536	75.4198%	1,478	24.5746%
38	Public Street Lighting Sales	20,533	1	0.0037%	15,591	75.9324%	4,941	24.0640%
39	Sales for Resale	17	17	100.0000%		0.0000%		0.0000%
40	Total Customers - Average (Sum L35 through L39)	<u>2,727,725</u>	<u>17</u>	0.0006%	<u>2,103,037</u>	77.0986%	<u>624,671</u>	22.9008%
41	<u>INFORMATIONAL ONLY</u>							
42	<u>Average MWH Usage per Customer</u>							
43	Residential Sales	12.541			12.408		12.999	
44	Commercial Sales	73.734			80.348		54.259	
45	Industrial Sales	3,283.244			2,566.103		5,484.901	
46	Public Street Lighting Sales	14.557			16.180		9.438	
47	Sales for Resale	482,457.058			-		-	
48	Total MWH Usage per Customer - Avg	31.712			27.611		32.934	

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NCUC Form E.S.-1  
NCUC Form E.S.-1 vs. NCUC Fee  
Duke Energy Carolinas, LLC  
Quarter Ended June 30, 2021

NC Jurisdictional Revenue  
Schedule 9  
(\$000s)

Line No.	Item	NCUC Form E.S.-1			NCUC Fee
		Total Company	NC Retail Alloc Fac	NC Retail	Quarter 30-Jun-21
1	Revenue from KWH Sales Subject to NCUC Fee:				
2	Retail Sales Billed:				
3	Residential Sales	\$ 647,190	Actual NC	\$ 486,630	\$ 486,630
4	Commercial Sales	483,943	Actual NC	382,835	382,835
5	Industrial Sales	249,010	Actual NC	153,093	153,093
6	Public Street Lighting Sales	10,557	Actual NC	8,803	8,803
7	Total Retail Sales Billed (Sum L3 through L6)	\$ 1,390,700		\$ 1,031,361	\$ 1,031,361
8	Sales for Resale:				
9	Wholesale & Other	\$ 115,810	29.3975%	\$ 34,045	\$ -
10	Catawba	3,811	0.0000%	-	-
11	Joint Dispatch	12,405	67.1478%	8,330	-
12	Provision for Rate Refund	181	100.0000%	181	-
13	Unbilled Revenue	37,631	Actual NC	24,425	-
14	Income Tax Reform	8,300	100.0000%	8,300	-
15	Total Revenue from Sales of Electricity (Sum L7 through L14)	\$ 1,568,838		\$ 1,106,641	\$ 1,031,361
16	Other Electric Revenue Subject to NCUC Fee:				
17	Other Revenue - Excluding Direct Assignments	\$ 50,312	45.0961%	\$ 22,689	\$ 22,689
18	0456392 - Jobs Retention Rider	3,873	100.0000%	3,873	-
19	0456540 - Wholesale Unbilled Fuel Clause	19	0.0000%	-	-
20	0456560 - NC EE Deferred Revenue	(13,353)	100.0000%	(13,353)	-
21	0456570 - SC EE Deferred Revenue	(638)	0.0000%	-	-
22	0456630 - Gross Up - Contr in Aid of Const	381	45.0961%	172	-
23	0456640 - Deferred Dsm Costs - Nc	106	100.0000%	106	-
24	Subtotal - Other Electric Revenue (Sum L17 through L23)	\$ 40,700		\$ 13,487	\$ 22,689
25	Total Electric Revenues (L15 + L24)	\$ 1,609,538		\$ 1,120,128	\$ 1,054,050
26	Uncollectible Accrual (NC Electric)	(79)		(79)	(79)
27	Electric Revenues Subject to Regulatory Fee (L25 - L26)	\$ 1,609,617		\$ 1,120,207	\$ 1,054,129

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NCUC Form E.S.-1  
Save-a-Watt  
Duke Energy Carolinas, LLC  
Twelve Months Ended 30-Jun-2021

Save-a-Watt  
Schedule 10  
Page 1 of 2  
(\$000s)

Line No.	Item	N.C. Retail from Schedule 4	Impacts of Save-a-Watt	N.C. Retail excluding Save-a-Watt
1	<u>OPERATING REVENUES</u>	\$ 4,770,626	\$ 142,899	\$ 4,627,727
2	Net Lost Revenues Earned		(47,587)	47,587
3	<u>OPERATING EXPENSES</u>			
4	Fuel	881,472	0	881,472
5	Purchased Power	219,763	0	219,763
6	Maintenance	382,498	0	382,498
7	Other Operating Expenses	768,329	77,040	691,289
8	Total Operating Expenses	\$ 2,252,063	\$ 77,040	\$ 2,175,023
9	Depreciation and Amortization	1,026,935		1,026,935
10	Total Expenses & Depreciation	\$ 3,278,998	\$ 77,040	\$ 3,201,958
11	<u>OPERATING TAXES</u>			
12	Total Operating Taxes	259,257	5,262	253,995
13	Total Operating Expenses, Depreciation & Taxes	3,538,255	82,302	3,455,953
14	Net Operating Income	\$ 1,232,371	\$ 13,010	\$ 1,219,361

		North Carolina Retail Electric Jurisdiction from Schedule 1					
Line No.	Item	Average Capital	Average Capital Ratio	Rate Base	Average Embedded Cost	Overall Cost/Rate %	Total Company Earnings
15	Long-term Debt	\$ 12,651,329	48.71%	\$ 7,920,067	4.23%	2.06%	\$ 335,019
16	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
17	Members' Equity	13,321,425	51.29%	8,339,566	10.76%	5.52%	897,352
18	Total Capitalization	<u>\$ 25,972,754</u>	<u>100.00%</u>	<u>\$ 16,259,632</u>		<u>7.58%</u>	<u>\$ 1,232,371</u>
Impacts of Save-a-Watt Total							
19	Long-term Debt	\$ -	48.71%	\$ -	0.00%	0.00%	\$ -
20	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
21	Members' Equity	-	51.29%	-	0.16%	0.00%	13,010
22	Total Capitalization	<u>\$ -</u>	<u>100.00%</u>	<u>\$ -</u>		<u>0.00%</u>	<u>\$ 13,010</u>
North Carolina Retail Electric Jurisdiction Excluding Save-a-Watt							
23	Long-term Debt	\$ 12,651,329	48.71%	\$ 7,920,067	4.23%	2.06%	\$ 335,019
24	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
25	Members' Equity	13,321,425	51.29%	8,339,566	10.60%	5.44%	884,342
26	Total Capitalization	<u>\$ 25,972,754</u>	<u>100.00%</u>	<u>\$ 16,259,632</u>		<u>7.50%</u>	<u>\$ 1,219,361</u>

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		North Carolina Retail Electric Jurisdiction from Schedule 1					
Line No.	Item	Average Capital (a)	Average Capital Ratio (b)	Rate Base (c)	Average Embedded Cost (d)	Overall Cost/ Rate % (e)	Total Company Earnings (f)
1	Long-term Debt	\$ 12,651,329	48.71%	\$ 7,920,067	4.23%	2.06%	\$ 335,019
2	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
3	Members' Equity	13,321,425	51.29%	8,339,566	10.76%	5.52%	897,352
4	Total Capitalization	\$ 25,972,754	100.00%	\$ 16,259,632		7.58%	\$ 1,232,371
Impacts of EE Programs							
5	Long-term Debt	\$ -	48.71%	\$ -	0.00%	0.00%	\$ -
6	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
7	Members' Equity	-	51.29%	-	0.09%	0.00%	7,305
8	Total Capitalization	\$ -	100.00%	\$ -		0.00%	\$ 7,305
North Carolina Retail Electric Jurisdiction Excluding EE							
9	Long-term Debt	\$ 12,651,329	48.71%	\$ 7,920,067	4.23%	2.06%	\$ 335,019
10	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
11	Members' Equity	13,321,425	51.29%	8,339,566	10.67%	5.47%	890,047
12	Total Capitalization	\$ 25,972,754	100.00%	\$ 16,259,632		7.53%	\$ 1,225,066
		North Carolina Retail Electric Jurisdiction from Schedule 1					
Line No.	Item	Average Capital (a)	Average Capital Ratio (b)	Rate Base (c)	Average Embedded Cost (d)	Overall Cost/ Rate % (e)	Total Company Earnings (f)
13	Long-term Debt	\$ 12,651,329	48.71%	\$ 7,920,067	4.23%	2.06%	\$ 335,019
14	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
15	Members' Equity	13,321,425	51.29%	8,339,566	10.76%	5.52%	897,352
16	Total Capitalization	\$ 25,972,754	100.00%	\$ 16,259,632		7.58%	\$ 1,232,371
Impacts of DSM							
17	Long-term Debt	\$ -	48.71%	\$ -	0.00%	0.00%	\$ -
18	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
19	Members' Equity	-	51.29%	-	0.07%	0.00%	5,705
20	Total Capitalization	\$ -	100.00%	\$ -		0.00%	\$ 5,705
North Carolina Retail Electric Jurisdiction Excluding DSM							
21	Long-term Debt	\$ 12,651,329	48.71%	\$ 7,920,067	4.23%	2.06%	\$ 335,019
22	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
23	Members' Equity	13,321,425	51.29%	8,339,566	10.69%	5.48%	891,647
24	Total Capitalization	\$ 25,972,754	100.00%	\$ 16,259,632		7.54%	\$ 1,226,666



NCUC Form E.S.-1  
Save-a-Watt Supplemental Information  
Duke Energy Carolinas, LLC  
Twelve Months Ended 30-Jun-2021

Save-a-Watt  
Supplemental Schedule 10a  
(\$000s)

North Carolina Retail		
Energy Efficiency Programs	Demand-Side Management Programs	Total Sav-a-Watt
\$ 55,164	\$ 22,009	\$ 77,173
10,737	7,402	18,139
45,961	1,626	47,587
		0
\$ 111,862	\$ 31,037	\$ 142,899
55,072	21,968	77,040
\$ 56,790	\$ 9,069	\$ 65,859
45,961	1,626	47,587
\$ 10,829	\$ 7,443	\$ 18,272
(3,524)	(1,738)	(5,262)
\$ 7,305	\$ 5,705	\$ 13,010

Line No.	Item
1	EE & DSM Program Revenues
2	Avoided Cost Revenues Earned
3	PPI/Shared Savings Incentive
4	Net Lost Revenues Earned
5	Timing Difference of Earned Revenues
6	Total Revenues per Financial Statements
7	EE & DSM Program Costs
8	Operating Income
9	Less Net Lost Revenues
10	Pre-tax Earnings Impact
11	Income Taxes on EE & DSM Earnings
12	EE & DSM Impact to Net Income

Note: Amounts herein represent balances associated with NC Rider EE. Amounts exclude balances associated with NC Rider DSM.

Program Performance incentives  
Duke Energy Carolinas, LLC  
Twelve Months Ended 30-Jun-2021

Program Performance Incentives  
Schedule 10b  
(\$000s)

Line No.	Item	N.C. Retail from Schedule 4	Impacts of Program Performance Incentives	N.C. Retail excl Program Performance Incentives
1	<u>OPERATING REVENUES</u>	\$ 4,770,626	\$ 18,139	\$ 4,752,487
2	Adjust for Net Lost Revenues			
3	<u>OPERATING EXPENSES</u>			
4	Fuel	881,472	0	881,472
5	Purchased Power	219,763	0	219,763
6	Maintenance	382,498	0	382,498
7	Other Operating Expenses	768,329	0	768,329
8	Total Operating Expenses	\$ 2,252,063	\$ -	\$ 2,252,063
9	Depreciation and Amortization	1,026,935	0	1,026,935
10	Total Expenses & Depreciation	\$ 3,278,998	\$ -	\$ 3,278,998
11	<u>OPERATING TAXES</u>			
12	Total Operating Taxes	259,257	3,809	255,448
13	Total Operating Expenses, Depreciation & Taxes	3,538,255	3,809	3,534,445
14	Net Operating Income	\$ 1,232,371	\$ 14,330	\$ 1,218,041

		North Carolina Retail Electric Jurisdiction from Schedule 1					
Line No.	Item	Average Capital (a)	Average Capital Ratio (b)	Rate Base (c)	Average Embedded Cost (d)	Overall Cost/ Rate % (e)	Total Company Earnings (f)
15	Long-term Debt	\$ 12,651,329	48.71%	\$ 7,920,067	4.23%	2.06%	\$ 335,019
16	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
17	Members' Equity	13,321,425	51.29%	8,339,566	10.76%	5.52%	897,352
18	Total Capitalization	\$ 25,972,754	100.00%	\$ 16,259,632		7.58%	\$ 1,232,371
Impacts of PPI							
19	Long-term Debt	\$ -	48.71%	\$ -	0.00%	0.00%	\$ -
20	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
21	Members' Equity	-	51.29%	-	0.17%	0.00%	14,330
22	Total Capitalization	\$ -	100.00%	\$ -		0.00%	\$ 14,330
North Carolina Retail Electric Jurisdiction Excluding PPI							
23	Long-term Debt	\$ 12,651,329	45.59%	\$ 7,920,067	4.23%	2.06%	\$ 335,019
24	Preferred Stock	-	0.00%	-	0.00%	0.00%	-
25	Members' Equity	13,321,425	54.41%	8,339,566	10.59%	5.43%	883,022
26	Total Capitalization	\$ 25,972,754	100.00%	\$ 16,259,632		7.49%	\$ 1,218,041

APPENDIX A

# VERIFICATION UNDER OATH REGARDING ACCURACY OF REPORT

(NOTE: THIS VERIFICATION SHALL BE COMPLETED BY EITHER THE CHIEF EXECUTIVE OFFICER, A SENIOR LEVEL FINANCIAL OFFICER, OR THE RESPONSIBLE ACCOUNTING OFFICER.)

I, Michael J. O'Keeffe, state and attest that the attached NCUC Form E.S.-1 Report is filed on behalf of Duke Energy Carolinas, LLC as required by the North Carolina Utilities Commission; that I have reviewed said Report and, in the exercise of due diligence, have made reasonable inquiry into the accuracy of the information provided therein; and that, to the best of my knowledge, information, and belief, all of the information contained therein is accurate and true, no material information or fact has been knowingly omitted or misstated therein, and all of the information contained in said Report has been prepared and presented in accordance with all applicable North Carolina General Statutes, Commission Rules, and Commission Orders.

Michael J. O'Keeffe  
Signature of Person Making Verification

Michael J. O'Keeffe  
Typed or Printed Name of Person Signing

Director, Electric Utilities & Infrastructure  
Title

August 26, 2021  
Date Signed

Mecklenburg County, North Carolina

Signed and sworn to before me this day by Michael J. O'Keeffe  
Name of principal

Date: 8/26/2021

Peggy Holton  
Official Signature of Notary

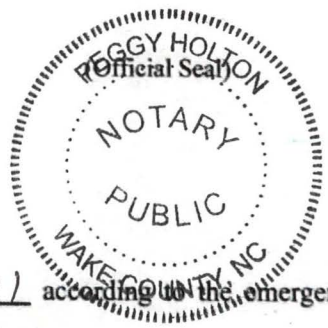
Peggy Holton Notary Public  
Notary's printed or typed name

My commission expires: 12/22/2021

I signed this notarial certificate on 8/26/2021 according to the emergency video notarization requirements contained in G.S. 10B-25.

Notary Public location during video notarization: Wake County

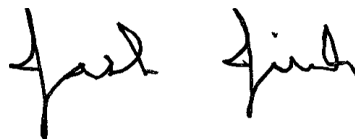
Stated physical location of principal during video notarization: Mecklenburg County



## CERTIFICATE OF SERVICE

I certify that a copy of Duke Energy Carolinas, LLC's Quarterly Surveillance Report, in Docket No. M-1, Sub 12DEC, has been served by electronic mail, hand delivery or by depositing a copy in the United States mail, postage prepaid to parties of record.

This the 30<sup>th</sup> day of August, 2021.



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