

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Exhibit Summary of Rider EE Exhibits and Factors

**Residential Billing Factor for Rider 16 True-up (EMF) Components**

Line No.			
1	Year 2019 EE/DSM True-Up (EMF) Revenue Requirement	Miller Exhibit 2 pg 1, Line 15	176,750
2	Year 2020 EE/DSM True-Up (EMF) Revenue Requirement	Miller Exhibit 2 pg 2, Line 15	1,058,599
3	Year 2021 EE/DSM True-Up (EMF) Revenue Requirement	Miller Exhibit 2 pg 3, Line 15	(5,213,382)
4	Year 2022 EE/DSM True-Up (EMF) Revenue Requirement	Miller Exhibit 2 pg 4, Line 15	(1,535,094)
5	Year 2023 EE/DSM True-Up (EMF) Revenue Requirement	Miller Exhibit 2 pg 5, Line 15	4,214,404
6	Total True-up (EMF) Revenue Requirement	Sum Lines 1-5	\$ (1,298,723)
7	Projected NC Residential Sales (kWh) for rate period	Miller Exhibit 6, Line 1	22,720,780,403
8	EE/DSM Revenue Requirement EMF Residential Rider EE (cents per kWh)	Line 6 / Line 7 * 100	(0.0057)

**Residential Billing Factor for Rider 16 Prospective Components**

9	Vintage 2022 Total EE/DSM Prospective Amounts Revenue Requirement	Miller Exhibit 2 pg 4, Line 15	1,789,666
10	Vintage 2023 Total EE/DSM Prospective Amounts Revenue Requirement	Miller Exhibit 2 pg 5, Line 15	5,711,555
11	Vintage 2024 Total EE/DSM Prospective Amounts Revenue Requirement	Miller Exhibit 2 pg 6, Line 1	5,498,894
12	Vintage 2025 Total EE/DSM Prospective Amounts Revenue Requirement	Miller Exhibit 2 pg 7, Line 11	100,880,266
13	Total Prospective Revenue Requirement	Sum Lines 9-12	\$ 113,880,380
14	Projected NC Residential Sales (kWh) for rate period	Miller Exhibit 6, Line 1	22,720,780,403
15	EE/DSM Revenue Requirement Prospective Residential Rider EE (cents per kWh)	Line 13 / Line 14 * 100	0.5012

Total Revenue Requirements in Rider 16 from Residential Customers

16	Total True-up (EMF) Revenue Requirement	Line 6	\$ (1,298,723)
17	Total Prospective Revenue Requirement	Line 13	113,880,380
18	Total EE/DSM Revenue Requirement for Residential Rider EE	Line 16 + Line 17	\$ 112,581,657
19	Total EE/DSM Revenue Requirement for Residential Rider EE (cents per kWh)	Line 8 + Line 15	0.4955

**Non-Residential Billing Factors for Rider 16 True-up (EMF) Components**

20	Vintage Year 2019 EE True-up (EMF) Revenue Requirement	Miller Exhibit 2 pg 1, Line 25	\$ 130,493
21	Projected Year 2019 EE Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 4	17,577,252,619
22	EE Revenue Requirement Year 2019 EMF Non-Residential Rider EE (cents per kWh)	Line 20 / Line 21 * 100	0.0007
23	Vintage Year 2019 DSM True-up (EMF) Revenue Requirement	Miller Exhibit 2 pg 1, Line 35	\$ (5,399)
24	Projected Year 2019 DSM Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 5	19,084,245,217
25	DSM Revenue Requirement Year 2019 EMF Non-Residential Rider EE (cents per kWh)	Line 23 / Line 24 * 100	-
26	Vintage Year 2020 EE True-up (EMF) Revenue Requirement	Miller Exhibit 2 pg 2, Line 25	\$ (807,863)
27	Projected Year 2020 EE Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 6	17,115,692,977
28	EE Revenue Requirement Year 2020 EMF Non-Residential Rider EE (cents per kWh)	Line 26 / Line 27 * 100	(0.0047)
29	Vintage Year 2020 DSM True-up (EMF) Revenue Requirement	Miller Exhibit 2 pg 2, Line 35	\$ (298,663)
30	Projected Year 2020 DSM Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 7	19,171,516,579
31	DSM Revenue Requirement Year 2020 EMF Non-Residential Rider EE (cents per kWh)	Line 29 / Line 30 * 100	(0.0016)
32	Vintage Year 2021 EE True-up (EMF) Revenue Requirement	Miller Exhibit 2 pg 3, Line 25	\$ (15,469,588)
33	Projected Year 2021 EE Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 8	17,181,808,293
34	EE Revenue Requirement Year 2021 EMF Non-Residential Rider EE (cents per kWh)	Line 32 / Line 33 * 100	(0.0900)
35	Vintage Year 2021 DSM True-up (EMF) Revenue Requirement	Miller Exhibit 2 pg 3, Line 35	\$ 61,835
36	Projected Year 2021 DSM Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 9	19,184,914,762
37	DSM Revenue Requirement Year 2021 EMF Non-Residential Rider EE (cents per kWh)	Line 35 / Line 36 * 100	0.0003
38	Vintage Year 2022 EE True-up (EMF) Revenue Requirement	Miller Exhibit 2 pg 4, Line 25	\$ (13,309,761)
39	Projected Year 2022 EE Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 10	17,354,450,704
40	EE Revenue Requirement Year 2022 EMF Non-Residential Rider EE (cents per kWh)	Line 38 / Line 39 * 100	(0.0767)
41	Vintage Year 2022 DSM True-up (EMF) Revenue Requirement	Miller Exhibit 2 pg 4, Line 35	\$ (387,050)
42	Projected Year 2022 DSM Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 11	19,359,664,534
43	DSM Revenue Requirement Year 2022 EMF Non-Residential Rider EE (cents per kWh)	Line 41 / Line 42 * 100	(0.0020)

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44	Vintage Year 2023 EE True-up (EMF) Revenue Requirement	Miller Exhibit 2 pg 5, Line 25	(27,208,711)
45	Projected Year 2023 EE Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 12	17,507,689,994
46	EE Revenue Requirement Year 2023 EMF Non-Residential Rider EE (cents per kWh)	Line 44 / Line 45 * 100	<b>(0.1554)</b>
47	Vintage Year 2023 DSM True-up (EMF) Revenue Requirement	Miller Exhibit 2 pg 5, Line 35	2,776,411
48	Projected Year 2023 DSM Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 13	19,464,357,420
49	DSM Revenue Requirement Year 2023 EMF Non-Residential Rider EE (cents per kWh)	Line 47 / Line 48 * 100	<b>0.0143</b>

**Non-Residential Billing Factors for Rider 16 Prospective Components**

50	Vintage Year 2022 EE Prospective Amounts Revenue Requirement	Miller Exhibit 2 pg 4, Line 25	\$ 1,372,032
51	Projected Vintage 2022 EE Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 10	17,354,450,704
52	EE Revenue Requirement Vintage 2022 Prospective Component - Non-Residential Rider EE (cents per kWh)	Line 50 / Line 51 * 100	<b>0.0079</b>
53	Vintage Year 2023 EE Prospective Amounts Revenue Requirement	Miller Exhibit 2 pg 5, Line 25	\$ 6,466,098
54	Projected Vintage 2023 EE Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 12	17,507,689,994
55	EE Revenue Requirement Vintage 2023 Prospective Component - Non-Residential Rider EE (cents per kWh)	Line 53 / Line 54 * 100	<b>0.0369</b>
56	Vintage Year 2024 EE Prospective Amounts Revenue Requirement	Miller Exhibit 2 pg 6, Line 4	\$ 15,398,529
57	Projected Vintage 2024 EE Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 14	16,584,048,645
58	EE Revenue Requirement Vintage 2024 Prospective Component - Non-Residential Rider EE (cents per kWh)	Line 56 / Line 57 * 100	<b>0.0929</b>
59	Vintage Year 2025 EE Prospective Amounts Revenue Requirement	Miller Exhibit 2 pg 7, Line 18	\$ 59,557,132
60	Projected Vintage 2025 EE Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 16	16,584,048,645
61	EE Revenue Requirement Vintage 2025 Prospective Component - Non-Residential Rider EE (cents per kWh)	Line 59 / Line 60 * 100	<b>0.3591</b>
62	Vintage Year 2025 DSM Prospective Amounts Revenue Requirement	Miller Exhibit 2 pg 7, Line 25	\$ 21,907,916
63	Projected Vintage 2025 DSM Participants NC Non-Residential Sales (kwh) for rate period	Miller Exhibit 6, Line 17	18,861,872,899
64	DSM Revenue Requirement Vintage 2025 Prospective Component - Non-Residential Rider EE (cents per kWh)	Line 62 / Line 63 * 100	<b>0.1161</b>
	<b>Total Prospective Rate</b>		<b>(0.3151)</b> <b>0.6129</b>

**Total Revenue Requirements in Rider 16 from Non-Residential Customers**

65	Vintage Year 2019 EE True-up (EMF) Revenue Requirement	Line 20	130,493
66	Vintage Year 2019 DSM True-up (EMF) Revenue Requirement	Line 23	(5,399)
67	Vintage Year 2020 EE True-up (EMF) Revenue Requirement	Line 26	(807,863)
68	Vintage Year 2020 DSM True-up (EMF) Revenue Requirement	Line 29	(298,663)
69	Vintage Year 2021 EE True-up (EMF) Revenue Requirement	Line 32	(15,469,588)
70	Vintage Year 2021 DSM True-up (EMF) Revenue Requirement	Line 35	61,835
71	Vintage Year 2022 EE True-up (EMF) Revenue Requirement	Line 38	(13,309,761)
72	Vintage Year 2022 DSM True-up (EMF) Revenue Requirement	Line 41	(387,050)
73	Vintage Year 2023 EE True-up (EMF) Revenue Requirement	Line 44	(27,208,711)
74	Vintage Year 2023 DSM True-up (EMF) Revenue Requirement	Line 47	2,776,411
73	Vintage Year 2022 EE Prospective Amounts Revenue Requirement	Line 50	1,372,032
74	Vintage Year 2023 EE Prospective Amounts Revenue Requirement	Line 53	6,466,098
75	Vintage Year 2024 EE Prospective Amounts Revenue Requirement	Line 56	15,398,529
76	Vintage Year 2025 EE Prospective Amounts Revenue Requirement	Line 59	59,557,132
77	Vintage Year 2025 DSM Prospective Amounts Revenue Requirement	Line 62	21,907,916
	<b>Total Non-Residential Revenue Requirement in Rider 16</b>	Sum (Lines 65-77)	<b>50,183,410</b>

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 True Up of Year 1, 2, 3 and 4 Lost Revenues for Vintage Year 2019

**RESIDENTIAL  
 Energy Efficiency Programs**

Line No.	Reference	E-7 Sub 1164 Rider 10 Year 1 Estimate	E-7 Sub 1192 Year 2019 Yr 2 LR Estimate	E-7 Sub 1230 Rider 12 True up	E-7 Sub 1230 Year 2019 Yr 3 LR Estimate	E-7 Sub 1249 Rider 13 True up	E-7 Sub 1249 Year 2020 Yr 4 LR Estimate	E-7 Sub 1265 Rider 14 True up	E-7 Sub 1285 Rider 15 True up	E-7 Sub 1305 Rider 16 True up	Year 2019
1	Residential EE Program Cost										
2	Residential EE Earned Utility Incentive	\$ 41,002,874		\$ 13,243,503		\$ (0)		\$ 0	\$ -	\$ -	\$ 54,246,377
3	Return on undercollection of Residential EE Program Costs	3,801,819		3,296,056		(124,962)		90,385	(34,414)	1,651	7,030,535
4	Total EE Program Cost and Incentive Components			55,738		750,744		511,698	(195)	94,782	1,412,766
5	Residential DSM Program Cost	44,804,694		16,595,296		625,782		602,083	(34,609)	96,432	62,689,678
6	Residential DSM Earned Utility Incentive	10,577,352		(308,751)		(0)		(0)	-	-	10,268,601
7	Return on undercollection of Residential DSM Program Costs	2,773,086		541,821		0		26,383	(205)	205	3,341,290
8	Total DSM Program Cost and Incentive Components			(6,600)		(21,193)		5,935	2,555	(2,836)	(22,139)
9	Total EE/DSM Program Cost and Incentive Components	13,350,438		226,469		(21,193)		32,318	2,351	(2,632)	13,587,752
10	Revenue-related taxes and regulatory fees factor **	58,155,132		16,821,766		604,589		634,402	(32,258)	93,801	76,277,430
11	Total EE/DSM Program Cost and Incentive Revenue Requirement	1,001,402		1,001,302		1,001,352		1,001,439	1,001,475	1,001,475	
12	Residential Net Lost Revenues	58,236,665		16,843,668		605,406		635,314	(32,306)	93,939	76,382,687
13	Total Residential EE/DSM Revenue Requirement	18,783,204	5,232,466	6,704,043	5,292,331	(1,623,869)	2,233,068	236,622	(80,649)	14,627	36,791,843
14	Total Collected for Vintage Year 2019 (through estimated Rider 15)	77,019,869	5,232,466	23,547,711	5,292,331	(1,018,463)	2,233,068	871,936	(112,955)	108,567	113,174,530
15	<b>Total Residential EE/DSM Revenue Requirement</b>										112,997,780
											\$ 176,750

See Miller Exhibit 1 for rate

**NON-RESIDENTIAL  
 Energy Efficiency Programs**

Line No.	Reference	E-7 Sub 1164 Rider 10 Year 1 Estimate	E-7 Sub 1192 Year 2019 Yr 2 LR Estimate	E-7 Sub 1230 Rider 12 True up	E-7 Sub 1230 Year 2019 Yr 3 LR Estimate	E-7 Sub 1249 Rider 13 True up	E-7 Sub 1249 Year 2020 Yr 4 LR Estimate	E-7 Sub 1265 Rider 14 True up	E-7 Sub 1285 Rider 15 True up	E-7 Sub 1305 Rider 16 True up	Year 2019
16	Non-Residential EE Program Cost										
17	Non-Residential EE Earned Utility Incentive	41,671,833		(8,698,625)		-		0	(0)	-	32,973,208
18	Return on undercollection of Non-residential EE Program Costs	8,464,629		1,873,850		759,937		(0)	249,134	244	11,347,794
19	Total EE Program Cost and Incentive Components			(553,659)		(275,034)		(228,890)	(78,141)	(8,587)	(1,144,311)
20	Revenue-related taxes and regulatory fees factor **	50,136,462		(7,378,434)		484,904		(228,890)	170,992	(8,343)	43,176,691
21	Total Non-Residential EE Program Cost and Incentive Revenue Requirements	1,001,402		1,001,302		1,001,352		1,001,439	1,001,475	1,001,475	
22	Non-Residential Net Lost Revenues	50,206,753		(7,388,041)		485,559		(229,219)	171,244	(8,356)	43,237,941
23	Total Non-Residential EE Revenue Requirement	5,590,446	8,746,000	452,216	10,794,655	(8,183,962)	2,074,187	874,289	663,225	(3,376)	21,007,679
24	Total Collected for Vintage Year 2019 (through estimated Rider 15)	55,797,199	8,746,000	(6,935,825)	10,794,655	(7,698,403)	2,074,187	645,070	834,469	(11,732)	64,245,620
25	Non-Residential EE Revenue Requirement										64,115,127
26	Projected NC Residential Sales (kWh)										130,493
27	<b>NC Non-Residential EE billing factor (Cents/kWh)</b>										17,577,252,619
											0.0007

**DSM Programs**

Line No.	Reference	E-7 Sub 1164 Rider 10 Year 1 Estimate	E-7 Sub 1230 Rider 12 True up	E-7 Sub 1249 Rider 13 True up	E-7 Sub 1265 Rider 14 True up	E-7 Sub 1285 Rider 15 True up	E-7 Sub 1305 Rider 16 True up	Year 2019
28	Non-Residential DSM Program Cost	12,538,168	(462,163)	-	(0)	-	-	12,076,005
29	Non-Residential DSM Earned Utility Incentive	3,287,157	611,215	-	31,027	(241)	241	3,929,399
30	Return on undercollection of Non-residential DSM Program Costs	-	(9,744)	7,619	2,253	(545)	(22,280)	(22,697)
31	Total Non-Residential DSM Program Cost and Incentive Components	15,825,325	139,308	7,619	33,279	(786)	(22,039)	15,982,707
32	Revenue-related taxes and regulatory fees factor **	1,001,402	1,001,302	1,001,352	1,001,439	1,001,475	1,001,475	
33	Total Non-Residential DSM Revenue Requirement	15,847,512	139,490	7,630	33,327	(787)	(22,072)	16,005,100
34	Total Collected for Vintage Year 2019 (through estimated Rider 15)							16,010,499
35	Non-Residential EE Revenue Requirement True-up Amount							(5,399)
36	Projected NC Non-Residential Sales (kWh)							19,084,245,217
37	<b>NC Non-Residential DSM billing factor (Cents/kWh)</b>							-

\*\* Actual regulatory fee rate in effect in year of collection. May differ from original filed estimates.

Duke Energy Carolinas, LLC  
Docket Number E-7 Sub 1305  
True Up of Year 1, 2, 3 and 4 Lost Revenues for Vintage Year 2020

**RESIDENTIAL  
Energy Efficiency Programs**

Line No.	Reference	E-7 Sub 1192 Rider 11 Year 1 Estimate	E-7 Sub 1230 Year 2020 Yr 2 LR Estimate	E-7 Sub 1249 Rider 13 True up	E-7 Sub 1249 Year 2020 Yr 3 LR Estimate	E-7 Sub 1265 Rider 14 True up	E-7 Sub 1265 Year 2020 Yr 4 LR Estimate	E-7 Sub 1285 Rider 15 True up	E-7 Sub 1305 Rider 16 True up	Year 2020
1	Residential EE Program Cost									
	Fields Exhibit 1 pg 2, Line 9 * NC Alloc. Factor	\$ 33,551,578		\$ 4,000,501		\$ -		\$ -	\$ -	\$ 37,552,079
2	Residential EE Earned Utility Incentive									
	Fields Exhibit 1 pg 2, Line 9 * NC Alloc. Factor	3,173,534		1,218,929		90,910		(38,754)	4,261	4,448,879
3	Return on undercollection of Residential EE Program Costs									
	Miller Exhibit 3 pg 5			146,624		434,746		(256,724)	614,404	939,049
4	Total EE Program Cost and Incentive Components									
	Line 1 + Line 2 + Line 3	36,725,112		5,366,054		525,656		(295,478)	618,664	42,940,008
5	Residential DSM Program Cost									
	Fields Exhibit 1 pg. 2, Line 10 + Line 26 * NC Alloc. Factor	12,243,392		(2,355,317)		-		(0)	-	9,888,075
6	Residential DSM Earned Utility Incentive									
	Fields Exhibit 1 pg. 2, Line 10 + Line 26 * NC Alloc. Factor	3,189,876		7,301		14,471		(21)	21	3,211,648
7	Return on overcollection of Residential DSM Program Costs									
	Miller Exhibit 3 pg 6			(73,960)		(198,174)		(119,312)	136,673	(254,773)
8	Total DSM Program Cost and Incentive Components									
	Line 5 + Line 6 + Line 7	15,433,268		(2,421,975)		(183,703)		(119,333)	136,694	12,844,950
9	Total EE/DSM Program Cost and Incentive Components									
	Line 4 + Line 8	52,158,380		2,944,078		341,953		(414,812)	755,358	55,784,958
10	Revenue-related taxes and regulatory fees factor **									
	Miller Exhibit 2 pg 8	1,001352		1,001352		1,001439		1,001475	1,001475	
11	Total EE/DSM Program Cost and Incentive Revenue Requirement									
	Line 9 * Line 10	52,228,898		2,948,059		342,445		(415,423)	756,472	55,860,451
12	Residential Net Lost Revenues									
	Fields Exhibit 2 pg 1-7	14,667,095	4,495,479	6,588,261	5,386,818	609,516	2,568,275	(362,420)	164,426	34,117,451
13	Total Residential EE/DSM Revenue Requirement									
	Line 11 + Line 12	66,895,993	4,495,479	9,536,320	5,386,818	951,961	2,568,275	(777,844)	920,899	89,977,901
14	Total Collected for Vintage Year 2020 (through estimated Rider 15)									88,919,302
	Miller Exhibit 4, Lines 2, 8, 14, 18									
15	<b>Total Residential EE/DSM Revenue Requirement</b>									<b>\$ 1,058,599</b>
	Line13 - Line 14									

See Miller Exhibit 1 for rate

**NON-RESIDENTIAL  
Energy Efficiency Programs**

Line No.	Reference	E-7 Sub 1192 Rider 11 Year 1 Estimate	E-7 Sub 1230 Year 2020 Yr 2 LR Estimate	E-7 Sub 1249 Rider 13 True up	E-7 Sub 1249 Year 2020 Yr 3 LR Estimate	E-7 Sub 1265 Rider 14 True up	E-7 Sub 1265 Year 2020 Yr 4 LR Estimate	E-7 Sub 1285 Rider 15 True up	E-7 Sub 1305 Rider 16 True up	Year 2020
16	Non- Residential EE Program Cost									
	Fields Exhibit 1 pg 2, Line 23 * NC Alloc. Factor	37,708,077		(15,681,234)		-		-	-	22,026,843
17	Non-Residential EE Earned Utility Incentive									
	Fields Exhibit 1 pg 2, Line 23 * NC Alloc. Factor	10,010,194		(2,909,256)		98,425		(76,329)	898	7,123,932
18	Return on overcollection of Non-residential EE Program Costs									
	Miller Exhibit 3 pg 7			(327,773)		(767,827)		(62,127)	(672,572)	(1,830,298)
19	Total EE Program Cost and Incentive Components									
	Line 16 + Line 17 + Line 18	47,718,271		(18,918,263)		(669,402)		(138,456)	(671,674)	27,320,477
20	Revenue-related taxes and regulatory fees factor **									
	Miller Exhibit 2 pg 8	1,001352		1,001352		1,001439		1,001475	1,001475	
21	Total Non-Residential EE Program Cost and Incentive Revenue Requirements									
	Line 19 * Line 20	47,782,786		(18,943,841)		(670,365)		(138,660)	(672,664)	27,357,257
22	Non-Residential Net Lost Revenues									
	Fields Exhibit 2 pg 1-7	5,183,193	9,376,721	(4,169,004)	6,802,676	1,081,898	3,845,961	(61,096)	(428,170)	21,632,179
23	Total Non-Residential EE Revenue Requirement									
	Line 21 + Line 22	52,965,979	9,376,721	(23,112,845)	6,802,676	411,533	3,845,961	(199,755)	(1,100,834)	48,989,436
24	Total Collected for Vintage Year 2020 (through estimated Rider 15)									49,797,300
	Miller Exhibit 4, Line 23, 29									
25	Non-Residential EE Revenue Requirement									(807,863)
	Line 23 - Line 24									
26	Projected NC Residential Sales (kWh)									17,115,692,977
	Miller Exhibit 6, Line 6									
27	<b>NC Non-Residential EE billing factor (Cents/kWh)</b>									<b>(0.0047)</b>
	Line 25/Line 26*100									

**DSM Programs**

Line No.	Reference	E-7 Sub 1192 Rider 11 Year 1 Estimate	E-7 Sub 1249 Rider 13 True up	E-7 Sub 1265 Rider 14 True up	E-7 Sub 1285 Rider 15 True up	E-7 Sub 1305 Rider 16 True up	Year 2020
28	Non-Residential DSM Program Cost						
	Fields Exhibit 1 pg 2, Line 10 + Line 26 * NC Alloc. Factor	15,789,462	(3,918,078)	-	(0)	(0)	11,871,383
29	Non-Residential DSM Earned Utility Incentive						
	Fields Exhibit 1 pg 2, Line 10 + Line 26 * NC Alloc. Factor	4,113,764	(275,311)	17,373	(25)	25	3,855,826
30	Return on overcollection of Non-residential DSM Program Costs						
	Miller Exhibit 3 page 8	-	(53,705)	(4,377)	124,794	(334,398)	(267,686)
31	Total Non-Residential DSM Program Cost and Incentive Components						
	Line 28 + Line 29 + Line 30	19,903,226	(4,247,095)	12,996	124,769	(334,372)	15,459,523
32	Revenue-related taxes and regulatory fees factor **						
	Miller Exhibit 2 pg 10	1,001352	1,001352	1,001439	1,001475	1,001475	
33	Total Non-Residential DSM Revenue Requirement						
	Line 31 * Line 32	19,930,135	(4,252,837)	13,015	124,953	(334,866)	15,480,400
34	Total Collected for Vintage Year 2020 (through estimated Rider 15)						15,779,063
	Miller Exhibit 4, Line 33, 39						
35	Non-Residential EE Revenue Requirement True-up Amount						(298,563)
	Line 33 - Line 34						
36	Projected NC Non-Residential Sales (kWh)						19,171,516,579
	Miller Exhibit 6, Line 7						
37	<b>NC Non-Residential DSM billing factor (Cents/kWh)</b>						<b>(0.0016)</b>
	Line 35/Line 36*100						

\*\* Actual regulatory fee rate in effect in year of collection. May differ from original filed estimates.

Duke Energy Carolinas, LLC  
Docket Number E-7 Sub 1305  
True Up of Year 1, 2 and 3 for Vintage Year 2021

**RESIDENTIAL  
Energy Efficiency Programs**

Line No.	Reference	E-7 Sub 1230	E-7 Sub 1249	E-7 Sub 1265	E-7 Sub 1265	E-7 Sub 1285	E-7 Sub 1285	E-7 Sub 1305	Year 2021
		Rider 12 Year 1 Estimate	Year 2021 Yr 2 LR Estimate	Rider 14 True up	Year 2021 Yr 3 LR Estimate	Rider 15 True up	Year 2021 Yr 4 LR Estimate	Rider 16 True up	
1	Residential EE Program Cost								
2	Residential EE Earned Utility Incentive	\$ 37,155,471		\$ (10,923,999)		\$ -		\$ -	\$ 26,231,472
3	Return on undercollection of Residential EE Program Costs	2,774,995		(244,088)		(254,158)		(18,838)	2,257,911
4	Total EE Program Cost and Incentive Components			(427,186)		(998,375)		(1,135,558)	(2,561,119)
5	Residential DSM Program Cost	39,930,466		(11,595,273)		(1,252,534)		(1,154,396)	25,928,263
6	Residential DSM Earned Utility Incentive	13,699,485		(2,210,071)		-		-	11,489,414
7	Return on overcollection of Residential DSM Program Costs	3,521,313		(751,140)		-		-	2,770,173
8	Total DSM Program Cost and Incentive Components			(105,970)		(194,724)		(112,541)	(413,234)
9	Total EE/DSM Program Cost and Incentive Components	17,220,797		(3,067,180)		(194,724)		(112,541)	13,846,353
10	Revenue-related taxes and regulatory fees factor **	57,151,264		(14,662,453)		(1,447,257)		(1,266,937)	39,774,616
11	Total EE/DSM Program Cost and Incentive Revenue Requirement	1,001,302		1,001,439		1,001,475		1,001,475	
12	Residential Net Lost Revenues	57,225,674		(14,683,545)		(1,449,392)		(1,268,805)	39,823,932
13	Total Residential EE/DSM Revenue Requirement	25,205,298	6,249,665	(8,091,427)	3,959,003	837,374	1,915,275	(2,851,123)	27,224,066
14	Total Collected for Vintage Year 2021 (through estimated Rider 15)	82,430,973	6,249,665	(22,774,972)	3,959,003	(612,018)	1,915,275	(4,119,928)	67,047,998
15	<b>Total Residential EE/DSM Revenue Requirement</b>								\$ (5,213,382)

See Miller Exhibit 1 for rate

**NON-RESIDENTIAL  
Energy Efficiency Programs**

Line No.	Reference	E-7 Sub 1230	E-7 Sub 1249	E-7 Sub 1265	E-7 Sub 1265	E-7 Sub 1285	E-7 Sub 1285	E-7 Sub 1305	Year 2021
		Rider 12 Year 1 Estimate	Year 2021 Yr 2 LR Estimate	Rider 14 True up	Year 2021 Yr 3 LR Estimate	Rider 15 True up	Year 2021 Yr 4 LR Estimate	Rider 16 True up	
16	Non-Residential EE Program Cost								
17	Non-Residential EE Earned Utility Incentive	38,264,959		(8,510,352)		(2)		-	29,754,605
18	Return on overcollection of Non-residential EE Program Costs	8,888,527		(1,494,004)		(196,113)		(2,115,670)	5,082,740
19	Total EE Program Cost and Incentive Components			(580,644)		(1,786,904)		404,035	(1,963,514)
20	Revenue-related taxes and regulatory fees factor **	47,153,486		(10,585,000)		(1,983,019)		(1,711,635)	32,873,832
21	Total Non-Residential EE Program Cost and Incentive Revenue Requirements	1,001,302		1,001,439		1,001,475		1,001,475	
22	Non-Residential Net Lost Revenues	47,214,880		(10,600,227)		(1,985,944)		(1,714,160)	32,914,550
23	Total Non-Residential EE Revenue Requirement	6,360,715	13,494,665	(4,819,745)	10,003,040	414,021	5,211,948	(13,387,991)	17,276,652
24	Total Collected for Vintage Year 2021 (through estimated Rider 15)	53,575,595	13,494,665	(15,419,972)	10,003,040	(1,571,922)	5,211,948	(15,102,151)	50,191,202
25	Non-Residential EE Revenue Requirement								65,660,790
26	Projected NC Residential Sales (kWh)								(15,469,588)
27	<b>NC Non-Residential EE billing factor (Cents/kWh)</b>								17,181,808,293
									<b>(0.0900)</b>

**DSM Programs**

Line No.	Reference	E-7 Sub 1230	E-7 Sub 1265	E-7 Sub 1285	E-7 Sub 1305	Year 2021
		Rider 12 Year 1 Estimate	Rider 14 True up	Rider 15 True up	Rider 16 True up	
28	Non-Residential DSM Program Cost					
29	Non-Residential DSM Earned Utility Incentive	16,110,767		(3,154,656)		12,956,111
30	Return on overcollection of Non-residential DSM Program Costs	4,141,109		(1,017,305)		3,123,804
31	Total Non-Residential DSM Program Cost and Incentive Components			(77,609)		(481,907)
32	Revenue-related taxes and regulatory fees factor **	-		(488,760)		84,462
33	Total Non-Residential DSM Revenue Requirement	20,251,876		(4,249,570)		15,598,007
34	Total Collected for Vintage Year 2021 (through estimated Rider 15)	1,001,302		1,001,439		1,001,475
35	Non-Residential EE Revenue Requirement	20,278,244		(4,255,683)		15,617,666
36	Projected NC Non-Residential Sales (kWh)					15,555,831
37	<b>NC Non-Residential DSM billing factor (Cents/kWh)</b>					61,835
						19,184,914,762
						<b>0.0003</b>

\*\* Actual regulatory fee rate in effect in year of collection. May differ from original filed estimates.

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Year 4 Lost Revenue and True Up of Year 1 and 2 for Vintage Year 2022

**RESIDENTIAL  
 Energy Efficiency Programs**

Line No.	Reference	Year 2022 Yr 4 LR Estimate
1	Residential EE Program Cost	
2	Residential EE Earned Utility Incentive	
3	Return on undercollection of Residential EE Program Costs	
4	Total EE Program Cost and Incentive Components	
5	Residential DSM Program Cost	
6	Residential DSM Earned Utility Incentive	
7	Return on overcollection of Residential DSM Program Costs	
8	Total DSM Program Cost and Incentive Components	
9	Total EE/DSM Program Cost and Incentive Components	
10	Revenue-related taxes and regulatory fees factor **	
11	Total EE/DSM Program Cost and Incentive Revenue Requirement	
12	Residential Net Lost Revenues	\$ 1,789,666
13	Total Residential EE/DSM Revenue Requirement	1,789,666
14	Total Collected for Vintage Year 2022 (through estimated Rider 15)	
15	<b>Total Residential EE/DSM Revenue Requirement</b>	<b>\$ 1,789,666</b>

E-7 Sub 1249	E-7 Sub 1265	E-7 Sub 1285	E-7 Sub 1285	E-7 Sub 1305	
Rider 13 Year 1 Estimate	Year 2022 Yr 2 LR Estimate	Rider 15 True up	Year 2022 Yr 3 LR Estimate	Rider 16 True up	Year 2022
\$ 39,429,805	3,287,459	\$ (8,070,781)		\$ -	\$ 31,359,024
		775,625		(22,430)	4,040,654
		(253,647)		(657,373)	(911,020)
42,717,264		(7,548,803)		(679,803)	34,488,658
12,587,919		322,172		-	12,910,091
2,954,061		347,746		1,027,901	4,329,709
		(17,749)		3,411	(14,338)
15,541,981		652,169		1,031,312	17,225,461
58,259,244		(6,896,634)		351,509	51,714,119
1,001,352		1,001,475		1,001,475	
58,338,011		(6,906,807)		352,028	51,783,232
21,026,409	6,791,458	(401,930)	4,813,237	(2,287,510)	29,941,664
79,364,420	6,791,458	(7,308,736)	4,813,237	(1,935,482)	81,724,896
					83,259,990
					\$ (1,535,094)

See Miller Exhibit 1 for rate

**NON-RESIDENTIAL  
 Energy Efficiency Programs**

Line No.	Reference	Year 2022 Yr 4 LR Estimate
16	Non- Residential EE Program Cost	
17	Non-Residential EE Earned Utility Incentive	
18	Return on overcollection of Non-residential EE Program Costs	
19	Total EE Program Cost and Incentive Components	
20	Revenue-related taxes and regulatory fees factor **	
21	Total Non-Residential EE Program Cost and Incentive Revenue Requirements	
22	Non-Residential Net Lost Revenues	1,372,032
23	Total Non-Residential EE Revenue Requirement	1,372,032
24	Total Collected for Vintage Year 2022 (through estimated Rider 15)	
25	Non-Residential EE Revenue Requirement	1,372,032
26	Projected NC Residential Sales (kWh)	17,354,450,704
27	<b>NC Non-Residential EE billing factor (Cents/kWh)</b>	<b>0.0079</b>

E-7 Sub 1249	E-7 Sub 1265	E-7 Sub 1285		E-7 Sub 1305	
Rider 13 Year 1 Estimate	Year 2022 Yr 2 LR Estimate	Rider 15 True up	Year 2022 Yr 3 LR Estimate	Rider 16 True up	Year 2022
49,276,542		(19,852,904)		-	29,423,638
10,564,159		(4,409,460)		(1,360,804)	4,793,895
		(729,929)		(2,387,894)	(3,117,823)
59,840,701		(24,992,293)		(3,748,698)	31,099,709
1,001,352		1,001,475		1,001,475	
59,921,605		(25,029,157)		(3,754,227)	31,138,221
8,181,228	15,132,477	(9,193,461)	7,844,523	(9,679,510)	12,285,257
68,102,833	15,132,477	(34,222,618)	7,844,523	(13,433,738)	43,423,478
					56,733,240
					(13,309,761)
					17,354,450,704
					(0.0767)

**DSM Programs**

Line No.	Reference	Year 2022 Yr 4 LR Estimate
28	Non-Residential DSM Program Cost	
29	Non-Residential DSM Earned Utility Incentive	
30	Return on overcollection of Non-residential DSM Program Costs	
31	Total Non-Residential DSM Program Cost and Incentive Components	
32	Revenue-related taxes and regulatory fees factor **	
33	Total Non-Residential DSM Revenue Requirement	
34	Total Collected for Vintage Year 2022 (through estimated Rider 15)	
35	Non-Residential EE Revenue Requirement True-up Amount	
36	Projected NC Non-Residential Sales (kWh)	
37	<b>NC Non-Residential DSM billing factor (Cents/kWh)</b>	

E-7 Sub 1249	E-7 Sub 1285		E-7 Sub 1305	
Rider 13 Year 1 Estimate	Rider 15 True up		Rider 16 True up	Year 2022
15,112,751	(513,598)		-	14,599,152
3,546,574	(812,058)		32,865	2,767,382
-	7,161		(57,072)	(49,911)
18,659,325	(1,318,495)		(24,207)	17,316,623
1,001,352	1,001,475		1,001,475	
18,684,553	(1,320,440)		(24,243)	17,339,870
				17,726,920
				(387,050)
				19,359,664,534
				(0.0020)

\*\* Actual regulatory fee rate in effect in year of collection. May differ from original filed estimates.

Duke Energy Carolinas, LLC  
Docket Number E-7 Sub 1305  
Estimated Year 3 Lost Revenue and True Up of Year 1 for Vintage Year 2023

**RESIDENTIAL  
Energy Efficiency Programs**

Line No.	Reference	Year 2023 Yr 3 LR Estimate
1	Residential EE Program Cost	Fields Exhibit 1 pg 5, Line 11 * NC Alloc. Factor
2	Residential EE Earned Utility Incentive	Fields Exhibit 1 pg 5, Line 11 * NC Alloc. Factor
3	Return on undercollection of Residential EE Program Costs	Miller Exhibit 3 pg 17
4	Total EE Program Cost and Incentive Components	Line 1 + Line 2 + Line 3
5	Residential DSM Program Cost	Fields Exhibit 1 pg 5, Line 12 * NC Alloc. Factor
6	Residential DSM Earned Utility Incentive	Fields Exhibit 1 pg 5, Line 12 * NC Alloc. Factor
7	Return on overcollection of Residential DSM Program Costs	Miller Exhibit 3 pg 18
8	Total DSM Program Cost and Incentive Components	Line 5 + Line 6 + Line 7
9	Total EE/DSM Program Cost and Incentive Components	Line 4 + Line 8
10	Revenue-related taxes and regulatory fees factor **	Miller Exhibit 2 pg 8
11	Total EE/DSM Program Cost and Incentive Revenue Requirement	Line 9 * Line 10
12	Residential Net Lost Revenues	Fields Exhibit 2 pg. 1-7
13	Total Residential EE/DSM Revenue Requirement	Line 11 + Line 12
14	Total Collected for Vintage Year 2023 (through estimated Rider 15)	Miller Exhibit 4, Line 5, 11
15	<b>Total Residential EE/DSM Revenue Requirement</b>	Line13 - Line 14

E-7 Sub 1265	E-7 Sub 1285	E-7 Sub 1305	Year 2023
Rider 14 Year 1 Estimate	Year 2023 Yr 2 LR Estimate	Rider 16 True up	
\$ 43,514,258		\$ (8,547,091)	\$ 34,967,167
5,293,270		566,023	5,859,293
		38,808	38,808
48,807,528		(7,942,261)	40,865,267
12,159,515		4,012,001	16,171,515
2,371,105		1,014,205	3,385,311
		68,118	68,118
14,530,620		5,094,324	19,624,944
63,338,148		(2,847,937)	60,490,211
1,001,439		1,001,475	
63,429,260		(2,852,138)	60,577,122
21,146,502	6,787,155	2,029,744	29,963,401
84,575,763	6,787,155	(822,394)	90,540,523
			86,326,119
			\$ 4,214,404

See Miller Exhibit 1 for rate

**NON-RESIDENTIAL  
Energy Efficiency Programs**

Line No.	Reference	Year 2023 Yr 3 LR Estimate
16	Non- Residential EE Program Cost	Fields Exhibit 1 pg 5, Line 25 * NC Alloc. Factor
17	Non-Residential EE Earned Utility Incentive	Fields Exhibit 1 pg 5, Line 25 * NC Alloc. Factor
18	Return on overcollection of Non-residential EE Program Costs	Miller Exhibit 3 page 19
19	Total EE Program Cost and Incentive Components	Line 16 + Line 17 + Line 18
20	Revenue-related taxes and regulatory fees factor **	Miller Exhibit 2 pg 8
21	Total Non-Residential EE Program Cost and Incentive Revenue Requirements	Line 19 * Line 20
22	Non-Residential Net Lost Revenues	Fields Exhibit 2 pg. 1-7
23	Total Non-Residential EE Revenue Requirement	Line 21 + Line 22
24	Total Collected for Vintage Year 2023 (through estimated Rider 15)	Miller Exhibit 4, Line 26
25	Non-Residential EE Revenue Requirement	Line 23 - Line 24
26	Projected NC Residential Sales (kWh)	Miller Exhibit 6, Line 12
27	<b>NC Non-Residential EE billing factor (Cents/kWh)</b>	Line 25/Line 26*100

E-7 Sub 1265	E-7 Sub 1285	E-7 Sub 1305	Year 2023
Rider 14 Year 1 Estimate	Year 2023 Yr 2 LR Estimate	Rider 16 True up	
45,838,354		(11,422,293)	34,416,061
12,167,415		(5,724,923)	6,442,492
		(730,267)	(730,267)
58,005,769		(17,877,483)	40,128,286
1,001,439		1,001,475	
58,089,211		(17,903,852)	40,185,358
7,667,494	14,155,374	(11,909,278)	9,913,591
65,756,705	14,155,374	(29,813,130)	50,098,949
			77,307,660
			(27,208,711)
			17,507,689,994
			(0.1554)

**DSM Programs**

Line No.	Reference	Year 2023 Yr 3 LR Estimate
28	Non-Residential DSM Program Cost	Fields Exhibit 1 pg 5, Line 28 * NC Alloc. Factor
29	Non-Residential DSM Earned Utility Incentive	Fields Exhibit 1 pg 5, Line 28 * NC Alloc. Factor
30	Return on overcollection of Non-residential DSM Program Costs	Miller Exhibit 3 pg 20
31	Total Non-Residential DSM Program Cost and Incentive Components	Line 28 + Line 29 + Line 30
32	Revenue-related taxes and regulatory fees factor **	Miller Exhibit 2 pg 8
33	Total Non-Residential DSM Revenue Requirement	Line 31 * Line 32
34	Total Collected for Vintage Year 2023 (through estimated Rider 15)	Miller Exhibit 4, Line 36
35	Non-Residential EE Revenue Requirement True-up Amount	Line 33- Line 34
36	Projected NC Non-Residential Sales (kWh)	Miller Exhibit 6, Line 13
37	<b>NC Non-Residential DSM billing factor (cents/kWh)</b>	Line 35/Line 36*100

E-7 Sub 1265	E-7 Sub 1305	Year 2023
Rider 14 Year 1 Estimate	Rider 16 True up	
13,711,755	2,034,566	15,746,321
2,673,792	477,524	3,151,316
-	84,450	84,450
16,385,547	2,596,540	18,982,087
1,001,439	1,001,475	
16,409,117	2,600,370	19,009,487
		16,233,076
		2,776,411
		19,464,357,420
		0.0143

\*\* Actual regulatory fee rate in effect in year of collection. May differ from original filed estimates.

**Duke Energy Carolinas, LLC  
Docket Number E-7 Sub 1305  
Estimated Year 2 Lost Revenues for Vintage Year 2024**

***RESIDENTIAL***

Line No.	Reference	2024
1	Residential Net Lost Revenues Fields Exhibit 2 pg 1 - 7	5,498,894
2	Projected NC Residential Sales (kWh) Miller Exhibit 6, Line 1	\$ 22,720,780,403
3	<b>NC Residential EE Billing Factor (Cents/kWh)</b> Line 1/Line 2*100	<b>0.0242</b>

***NON-RESIDENTIAL  
Energy Efficiency Programs***

Line No.	Reference	2024
4	Non-Residential Net Lost Revenues Fields Exhibit 2 pg 1 - 7	15,398,529
5	Projected NC Non-Residential Sales (kWh) Miller Exhibit 6, Line 14	16,584,048,645
6	<b>NC Non-Residential EE billing factor (Cents/kWh)</b> Line 4/Line 5*100	<b>0.0929</b>



Miller Exhibit 2, page 7

**Duke Energy Carolinas, LLC  
Docket Number E-7 Sub 1305  
Estimated Program Costs, Earned Incentive and Lost Revenues for Vintage Year 2025**

**RESIDENTIAL**

Line No.	Reference	2025
1	Residential EE Program Cost Fields Exhibit 1 pg 6, Line 11	\$ 37,935,402
2	Residential EE Earned Utility Incentive Fields Exhibit 1 pg 6, Line 10	5,434,289
3	Total EE Program Cost and Incentive Components Line 1 + Line 2	43,369,691
4	Residential DSM Program Cost Fields Exhibit 1 pg 6, Line 14	26,432,810
5	Residential DSM Earned Utility Incentive Fields Exhibit 1 pg 6, Line 14	5,886,073
6	Total DSM Program Cost and Incentive Components Line 4 + Line 5	32,318,884
7	Total EE/DSM Program Cost and Incentive Components Line 3 + Line 6	75,688,574
8	Revenue-related taxes and regulatory fees factor Miller Exhibit 2 pg 8	1,001,475
9	Total EE/DSM Program Cost and Incentive Revenue Requirement Line 7 * Line 8	75,800,215
10	Residential Net Lost Revenues Fields Exhibit 2 pg 1 - 7	25,080,050
11	<b>Total Residential EE Revenue Requirement</b> Line 9 + Line 10	<b>\$ 100,880,266</b>

See Miller Exhibit 1 for rate

**NON-RESIDENTIAL  
Energy Efficiency Programs**

Line No.	Reference	2025
12	Non- Residential EE Program Cost Fields Exhibit 1 pg 6, Line 25	\$ 45,663,423
13	Non-Residential EE Earned Utility Incentive Fields Exhibit 1 pg 6, Line 25	7,572,445
14	Total EE Program Cost and Incentive Components Line 12 + Line 13	53,235,868
15	Revenue-related taxes and regulatory fees factor Miller Exhibit 2 pg 8	1,001,475
16	Total Non-Residential EE Program Cost and Incentive Revenue Requirements Line 14 * Line 15	53,314,391
17	Non-Residential Net Lost Revenues Fields Exhibit 2 pg 1 - 7	6,242,741
18	Total Non-Residential EE Revenue Requirement Line 16 + Line 17	\$ 59,557,132
19	Projected NC Residential Sales (kWh) Miller Exhibit 6, Line 16	16,584,048,645
20	<b>NC Non-Residential EE billing factor (Cents/kWh)</b> Line 18/Line 19*100	<b>0.3591</b>

**DSM Programs**

Line No.	Reference	2025
21	Non-Residential DSM Program Cost Fields Exhibit 1 pg 6, Line 28	\$ 17,067,012
22	Non-Residential DSM Earned Utility Incentive Fields Exhibit 1 pg 6, Line 28	4,808,638
23	Total Non-Residential DSM Program Cost and Incentive Components Line 21 + Line 22	21,875,650
24	Revenue-related taxes and regulatory fees factor Miller Exhibit 2 pg 8	1,001,475
25	Total Non-Residential DSM Revenue Requirement Line 23 * Line 24	21,907,916
26	Projected NC Non-Residential Sales (kWh) Miller Exhibit 6, Line 17	18,861,872,899
27	<b>NC Non-Residential DSM billing factor (Cents/kWh)</b> Line 25/Line 26*100	<b>0.1161</b>

**Duke Energy Carolinas, LLC  
Docket Number E-7 Sub 1305  
Gross Receipts Tax Years 2019 through Estimated 2025**

	<u>Year</u>		<u>Actual GRT Rate In Effect</u>
Rider 10	2019		<b>1.001402</b>
	2020	Jan - June	1.001402
	2020	July - Dec	1.001302
Rider 11	2020	Average	<b>1.001352</b>
Rider 12	2021		<b>1.001302</b>
Rider 13	2022	Jan - June	1.001302
	2022	July - Dec	1.001402
	2022	Average	<b>1.001352</b>
Rider 14	2023	Jan - June	1.001402
	2023	July - Dec	1.001475
	2023	Average	<b>1.001439</b>
Rider 15	2024		<b>1.001475</b>
Rider 16	2025		<b>1.001475</b>

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Residential EE Programs Vintage 2019

NC Residential EE	Residential EE Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Revenue Collected		PPI & Lost Revenues	Revenue Collected		Total (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Total (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation
				Assigned to Program Costs	(Over)/Under Collection of Program Costs		Assigned to Incentives	Total (Over)/Under					
Miller Exhibit 5 pg. 1, Line 4													
<b>Beginning Balance1</b>	74,218,205		54,246,377	54,006,820	239,557	43,892,995	44,247,215	(354,220)	98,139,372	98,254,035	(114,663)	(114,663)	
2023 January		73.0903918%	-	(15,243)	254,800	1,137	8,815	(361,898)	1,137	(6,428)	(107,099)	(107,099)	2023 Program Costs to be Recovered 239,557
2023 February		73.0903918%	-	58,104	196,695	1,137	(33,603)	(327,158)	1,137	24,502	(130,463)	(130,463)	Revenue Requirement (101,017)
2023 March		73.0903918%	-	40,256	156,439	1,137	(23,281)	(302,740)	1,137	16,975	(146,301)	(146,301)	
2023 April		73.0903918%	-	27,847	128,593	1,137	(16,104)	(285,498)	1,137	11,742	(156,906)	(156,906)	% Revenue related to Program Costs 237.15%
2023 May		73.0903918%	-	12,145	116,447	1,137	(7,024)	(277,337)	1,137	5,121	(160,890)	(160,890)	% Revenue related to Incentives -137.15%
2023 June		73.0903918%	-	33,128	83,320	1,137	(19,158)	(257,042)	1,137	13,969	(173,722)	(173,722)	
2023 July		73.0903918%	-	73,598	9,722	1,137	(42,563)	(213,342)	1,137	31,035	(203,620)	(203,620)	
2023 August		73.0903918%	-	92,108	(82,386)	1,137	(53,268)	(158,937)	1,137	38,840	(241,323)	(241,323)	
2023 September		73.0903918%	-	79,394	(161,780)	1,137	(45,915)	(111,885)	1,137	33,479	(273,664)	(273,664)	
2023 October		73.0903918%	-	21,562	(183,342)	1,137	(12,470)	(98,278)	1,137	9,092	(281,620)	(281,620)	
2023 November		73.0903918%	-	19,917	(203,259)	1,137	(11,518)	(85,622)	1,137	8,398	(288,881)	(288,881)	
2023 December		73.0903918%	-	174,515	(377,774)	1,136	(100,925)	16,439	1,138	73,590	(361,333)	(361,333)	
	74,218,205		54,246,377	54,624,151		43,906,640	43,890,201		98,153,019	98,514,352			

Exhibit 4 Line 1

NC Residential EE	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Pretax Return Gross up Factor
1/2023 - 12/2023										
						6.56%			0.766497	
<b>Beginning Balance</b>	(114,663)		(26,774)	(26,774)	(87,889)					
2023 January	(107,099)	0.233503	1,766	(25,008)	(82,091)	0.005469	(465)	(465)	0.766497	(606)
2023 February	(130,463)	0.233503	(5,456)	(30,463)	(99,999)	0.005469	(498)	(963)	0.766497	(1,256)
2023 March	(146,301)	0.233503	(3,698)	(34,162)	(112,139)	0.005469	(580)	(1,543)	0.766497	(2,013)
2023 April	(156,906)	0.233503	(2,476)	(36,638)	(120,268)	0.005469	(636)	(2,178)	0.766497	(2,842)
2023 May	(160,890)	0.233503	(930)	(37,568)	(123,322)	0.005469	(666)	(2,845)	0.766497	(3,711)
2023 June	(173,722)	0.233503	(2,996)	(40,565)	(133,158)	0.005469	(701)	(3,546)	0.766497	(4,626)
2023 July	(203,620)	0.233503	(6,981)	(47,546)	(156,074)	0.005469	(791)	(4,337)	0.766497	(5,658)
2023 August	(241,323)	0.233503	(8,804)	(56,350)	(184,973)	0.005469	(933)	(5,269)	0.766497	(6,875)
2023 September	(273,664)	0.233503	(7,552)	(63,901)	(209,763)	0.005469	(1,079)	(6,349)	0.766497	(8,283)
2023 October	(281,620)	0.233503	(1,858)	(65,759)	(215,861)	0.005469	(1,164)	(7,513)	0.766497	(9,801)
2023 November	(288,881)	0.233503	(1,696)	(67,455)	(221,426)	0.005469	(1,196)	(8,709)	0.766497	(11,362)
2023 December	(361,333)	0.233503	(16,918)	(84,372)	(276,960)	0.005469	(1,363)	(10,071)	0.766497	(13,140)
Checks			(84,372)	(84,372)	(276,960)		(10,071)			(13,140)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Miller Supplemental Testimony and Exhibits filed 4/28/2023. 107,921  
**Final Gross up of Return to Pretax for Vintage 2019 94,782**

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Residential DSM Programs Vintage 2019

NC Residential DSM	Residential DSM Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Revenue Collected Assigned to Program Costs	Total (Over)/Under Collection of Program Costs	Program Incentives	Revenue Collected Assigned to Incentives	Total (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Total (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation
Miller Exhibit 5 pg. 1, Line 9												
<b>Beginning Balance1</b>	30,097,219		10,268,600	10,201,331	67,269	3,360,125	3,328,491	31,634	13,628,725	13,529,822	98,903	67,269
2023 January		34.1181040%		2,395	64,874	19	1,134	30,518	19	3,529	95,393	64,874
2023 February		34.1181040%	-	4,727	60,147	19	2,239	28,298	19	6,966	88,445	60,147
2023 March		34.1181040%	-	4,160	55,987	19	1,970	26,347	19	6,129	82,335	55,987
2023 April		34.1181040%	-	3,765	52,222	19	1,783	24,583	19	5,548	76,805	52,222
2023 May		34.1181040%	-	3,266	48,957	19	1,547	23,055	19	4,812	72,011	48,957
2023 June		34.1181040%	-	3,933	45,024	19	1,863	21,211	19	5,796	66,234	45,024
2023 July		34.1181040%	-	5,220	39,804	19	2,472	18,757	19	7,692	58,561	39,804
2023 August		34.1181040%	-	5,808	33,996	19	2,751	16,025	19	8,559	50,021	33,996
2023 September		34.1181040%	-	5,404	28,592	19	2,559	13,485	19	7,963	42,076	28,592
2023 October		34.1181040%	-	3,565	25,026	19	1,688	11,815	19	5,254	36,841	25,026
2023 November		34.1181040%	-	3,513	21,514	19	1,664	10,170	19	5,177	31,683	21,514
2023 December		34.1181040%	-	8,428	13,085	19	3,992	6,197	19	12,420	19,282	13,085
	30,097,219		10,268,600	10,255,515		3,360,349	3,354,152		13,628,949	13,609,667		
				exhibit 4 line 8						Exhibit 4 Line 7		

2023	
Program Costs to be Recovered	67,269
Revenue Requirement	99,127
% Revenue related to Program Costs	67.86%
% Revenue related to Incentives	32.14%

NC Residential DSM	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up of ss up Factor for Re Return to Pretax
		1/2023 - 12/2023				6.56%			0.766497
<b>Beginning Balance</b>	67,269		15,708	15,708	51,562				
2023 January	64,874	0.233503	(559)	15,148	49,726	0.005469	277	277	0.766497
2023 February	60,147	0.233503	(1,104)	14,044	46,102	0.005469	262	539	0.766497
2023 March	55,987	0.233503	(971)	13,073	42,914	0.005469	243	782	0.766497
2023 April	52,222	0.233503	(879)	12,194	40,028	0.005469	227	1,009	0.766497
2023 May	48,957	0.233503	(763)	11,432	37,525	0.005469	212	1,221	0.766497
2023 June	45,024	0.233503	(918)	10,513	34,510	0.005469	197	1,418	0.766497
2023 July	39,804	0.233503	(1,219)	9,294	30,510	0.005469	178	1,596	0.766497
2023 August	33,996	0.233503	(1,356)	7,938	26,058	0.005469	155	1,751	0.766497
2023 September	28,592	0.233503	(1,262)	6,676	21,915	0.005469	131	1,882	0.766497
2023 October	25,026	0.233503	(832)	5,844	19,183	0.005469	112	1,994	0.766497
2023 November	21,514	0.233503	(820)	5,023	16,490	0.005469	98	2,092	0.766497
2023 December	13,085	0.233503	(1,968)	3,055	10,030	0.005469	73	2,164	0.766497
Checks			3,055	3,055	10,030		2,164		2,824

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Miller Supplemental Testimony and Exhibits filed 4/28/2023. (5,660)  
**Final Gross up of Return to Pretax for Vintage 2019 (2,836)**

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Non- Residential EE Programs Vintage 2019

NC Non- Residential EE	Non-Residential EE Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Revenue Collected Assigned to Program Costs	Total (Over)/Under Collection of Program Costs	PPI & Lost Revenues	Revenue Collected Assigned to Incentives	Total (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Total (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation	2023	
													Program Costs to be Recovered	Revenue Requirement
Miller Exhibit 5 pg 1, Line 4														
Beginning Balance1	45,112,919		32,973,209	32,915,754	57,455	32,419,605	31,414,269	1,005,336	65,392,814	64,330,023	1,062,791	57,455		
2023 January		73.0903918%		(2,953)	60,409	(111)	(51,611)	1,056,836	(111)	(54,564)	1,117,244	60,409		
2023 February		73.0903918%		4,818	55,590	(111)	84,201	972,524	(111)	89,020	1,028,114	55,590		
2023 March		73.0903918%		5,290	50,300	(111)	92,438	879,974	(111)	97,728	930,275	50,300		
2023 April		73.0903918%		5,064	45,236	(111)	88,497	791,367	(111)	93,561	836,603	45,236		
2023 May		73.0903918%		4,954	40,282	(111)	86,570	704,686	(111)	91,524	744,968	40,282		
2023 June		73.0903918%		5,543	34,738	(111)	96,870	607,705	(111)	102,413	642,444	34,738		
2023 July		73.0903918%		6,067	28,672	(111)	106,013	501,582	(111)	112,079	530,253	28,672		
2023 August		73.0903918%		6,403	22,269	(111)	111,885	389,586	(111)	118,288	411,855	22,269		
2023 September		73.0903918%		6,391	15,878	(111)	111,675	277,799	(111)	118,066	293,678	15,878		
2023 October		73.0903918%		5,470	10,408	(111)	95,587	182,101	(111)	101,057	192,510	10,408		
2023 November		73.0903918%		5,025	5,383	(111)	87,808	94,182	(111)	92,833	99,565	5,383		
2023 December		73.0903918%		6,290	(907)	(113)	109,914	(15,845)	(113)	116,204	(16,751)	(16,751)		
	45,112,919		32,973,209	32,974,116		32,418,272	32,434,116		65,391,481	65,408,232				

Program Costs to be Recovered	57,455
Revenue Requirement	1,061,460
% Revenue related to Program Costs	5.41%
% Revenue related to Incentives	94.59%

NC Non-Residential EE	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly			Monthly Return	Monthly A/T			Gross up of Return to Pretax
			Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance		Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	
1/2023 - 12/2023										
						6.56%				0.766497
Beginning Balance	57,455		13,416	13,416	44,039					
2023 January	60,409	0.233503	690	14,106	46,303	0.005469	247	247	0.766497	322
2023 February	55,590	0.233503	(1,125)	12,980	42,610	0.005469	243	490	0.766497	640
2023 March	50,300	0.233503	(1,235)	11,745	38,555	0.005469	222	712	0.766497	929
2023 April	45,236	0.233503	(1,183)	10,563	34,673	0.005469	200	912	0.766497	1,190
2023 May	40,282	0.233503	(1,157)	9,406	30,876	0.005469	179	1,092	0.766497	1,424
2023 June	34,738	0.233503	(1,294)	8,112	26,627	0.005469	157	1,249	0.766497	1,629
2023 July	28,672	0.233503	(1,417)	6,695	21,977	0.005469	133	1,382	0.766497	1,803
2023 August	22,269	0.233503	(1,495)	5,200	17,069	0.005469	107	1,489	0.766497	1,942
2023 September	15,878	0.233503	(1,492)	3,708	12,171	0.005469	80	1,569	0.766497	2,046
2023 October	10,408	0.233503	(1,277)	2,430	7,978	0.005469	55	1,624	0.766497	2,118
2023 November	5,383	0.233503	(1,173)	1,257	4,126	0.005469	33	1,657	0.766497	2,161
2023 December	(16,751)	0.233503	(5,168)	(3,911)	(12,840)	0.005469	(24)	1,633	0.766497	2,130
Checks			(3,911)	(3,911)	(12,840)		1,633			2,130

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Miller Supplemental Testimony and Exhibits filed 4/28/2023. (10,717)  
 Final Gross up of Return to Pretax for Vintage 2019 (8,587)

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.

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Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Non - Residential DSM Programs Vintage 2019

NC Non- Residential DSM	Non-Residential DSM Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Revenue Collected Assigned to Program Costs	Total (Over)/Under Collection of Program Costs	Program Incentives	Revenue Collected Assigned to Incentives	Total (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Total (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation
Miller Exhibit 5 pg. 1, Line 10												
<b>Beginning Balance1</b>	30,097,219		12,076,004	12,059,440	16,564	3,951,592	3,933,614	17,978	16,027,596	15,993,055	34,541	16,564
2023 January	-	40.1233224%		(2,088)	18,652	20	(2,297)	20,295	20	(4,385)	38,947	18,652
2023 February	-	40.1233224%		1,466	17,186	20	1,612	18,702	20	3,078	35,888	17,186
2023 March	-	40.1233224%		1,704	15,482	20	1,874	16,848	20	3,579	32,330	15,482
2023 April	-	40.1233224%		1,670	13,811	20	1,837	15,031	20	3,508	28,842	13,811
2023 May	-	40.1233224%		1,590	12,222	20	1,749	13,302	20	3,338	25,524	12,222
2023 June	-	40.1233224%		1,892	10,330	20	2,081	11,241	20	3,973	21,571	10,330
2023 July	-	40.1233224%		2,070	8,260	20	2,276	8,985	20	4,346	17,245	8,260
2023 August	-	40.1233224%		2,234	6,025	20	2,458	6,547	20	4,692	12,573	6,025
2023 September	-	40.1233224%		2,221	3,804	20	2,443	4,124	20	4,664	7,928	3,804
2023 October	-	40.1233224%		1,827	1,977	20	2,010	2,134	20	3,877	4,111	1,977
2023 November	-	40.1233224%		1,656	321	20	1,822	333	20	3,478	653	321
2023 December	-	40.1233224%		2,197	(1,876)	20	2,416	(2,064)	20	4,613	(3,940)	(3,940)
	30,097,219		12,076,004	12,077,880		3,951,833	3,953,896		16,027,837	16,031,777		

2023	
Program Costs to be Recovered	16,564
Revenue Requirement	34,782
% Revenue related to Program Costs	47.62%
% Revenue related to Incentives	52.38%

NC Non-Residential DSM	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T			
							Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
		1/2023 - 12/2023				6.56%	0.766497			
<b>Beginning Balance</b>	16,564		3,868	3,868	12,696					
2023 January	18,652	0.233503	488	4,355	14,297	0.005469	74	74	0.766497	96
2023 February	17,186	0.233503	(342)	4,013	13,173	0.005469	75	149	0.766497	194
2023 March	15,482	0.233503	(398)	3,615	11,867	0.005469	68	217	0.766497	284
2023 April	13,811	0.233503	(390)	3,225	10,586	0.005469	61	279	0.766497	364
2023 May	12,222	0.233503	(371)	2,854	9,368	0.005469	55	333	0.766497	435
2023 June	10,330	0.233503	(442)	2,412	7,918	0.005469	47	381	0.766497	497
2023 July	8,260	0.233503	(483)	1,929	6,331	0.005469	39	420	0.766497	547
2023 August	6,025	0.233503	(522)	1,407	4,619	0.005469	30	450	0.766497	587
2023 September	3,804	0.233503	(519)	888	2,916	0.005469	21	470	0.766497	613
2023 October	1,977	0.233503	(427)	462	1,515	0.005469	12	482	0.766497	629
2023 November	321	0.233503	(387)	75	246	0.005469	5	487	0.766497	635
2023 December	(3,940)	0.233503	(995)	(920)	(3,020)	0.005469	(8)	480	0.766497	626
Checks			(920)	(920)	(3,020)		480			626
Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Miller Supplemental Testimony and Exhibits filed 4/28/2023.										(22,905)
<b>Final Gross up of Return to Pretax for Vintage 2019</b>										<b>(22,280)</b>

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.

**Duke Energy Carolinas, LLC**  
**Docket Number E-7 Sub 1305**  
**Estimated Return Calculation - Residential EE Programs Vintage 2020**

NC Residential EE	Residential EE Program Costs		Revenue Collected		Total (Over)/Under	Revenue Collected		Total (Over)/Under	Total Costs	Total Revenue	Total (Over)/Under	Total (Over)/Under
	Incurred	NC Allocation %	NC Allocated EE Program Costs	Assigned to Program Costs	Collection of Program Costs	Assigned to Incentives	Collection of Incentives	Collection			for Return Calculation	
	Miller Exhibit 5 pg. 2, Line 4		100% used due to overcollection									
<b>Beginning Balance</b>	51,310,734		37,552,079	41,358,641	(3,806,563)	35,888,793	33,285,609	2,603,185	73,440,872	74,644,250	(1,203,378)	(1,203,378)
2023 January		73.2212736%		(202,558)	(3,604,004)	227,860	284,025	2,547,021	227,860	81,466	(1,056,984)	(1,056,984)
2023 February		73.2212736%		(452,492)	(3,151,512)	227,860	634,479	2,140,402	227,860	181,986	(1,011,109)	(1,011,109)
2023 March		73.2212736%		(391,673)	(2,759,839)	227,860	549,198	1,819,064	227,860	157,525	(940,774)	(940,774)
2023 April		73.2212736%		(349,387)	(2,410,452)	227,860	489,906	1,557,019	227,860	140,519	(853,433)	(853,433)
2023 May		73.2212736%		(295,885)	(2,114,567)	227,860	414,885	1,369,994	227,860	119,001	(744,573)	(744,573)
2023 June		73.2212736%		(367,383)	(1,747,184)	227,860	515,139	1,082,716	227,860	147,756	(664,469)	(664,469)
2023 July		73.2212736%		(505,286)	(1,241,898)	227,860	708,506	602,070	227,860	203,219	(639,828)	(639,828)
2023 August		73.2212736%		(568,361)	(673,537)	227,860	796,948	32,983	227,860	228,587	(640,554)	(640,554)
2023 September		73.2212736%		(525,036)	(148,501)	227,860	736,198	(475,355)	227,860	211,162	(623,856)	(623,856)
2023 October		73.2212736%		(327,973)	179,471	227,860	459,879	(707,373)	227,860	131,906	(527,902)	(527,902)
2023 November		73.2212736%		(322,366)	501,837	227,860	452,017	(931,529)	227,860	129,651	(429,692)	(429,692)
2023 December		73.2212736%		(849,166)	1,351,003	227,859	1,190,688	(1,894,358)	227,859	341,523	(543,356)	(543,356)
	51,310,734		37,552,079	36,201,076		38,623,118	40,517,476		76,175,196	76,718,552		

2023	
Program Costs to be Recovered	(3,806,563)
Revenue Requirement	1,530,947
% Revenue related to Program Costs	-248.641%
% Revenue related to Incentives	348.641%

NC Residential EE	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
			1/2023 - 12/2023				6.56%			0.766497
<b>Beginning Balance</b>	(1,203,378)		(280,992)	(280,992)	(922,385)					
2023 January	(1,056,984)	0.233503	34,183	(246,809)	(810,175)	0.005469	(4,738)	(4,738)	0.766497	(6,181)
2023 February	(1,011,109)	0.233503	10,712	(236,097)	(775,012)	0.005469	(4,335)	(9,072)	0.766497	(11,836)
2023 March	(940,774)	0.233503	16,423	(219,674)	(721,101)	0.005469	(4,091)	(13,164)	0.766497	(17,174)
2023 April	(853,433)	0.233503	20,395	(199,279)	(654,154)	0.005469	(3,761)	(16,924)	0.766497	(22,080)
2023 May	(744,573)	0.233503	25,419	(173,860)	(570,713)	0.005469	(3,349)	(20,274)	0.766497	(26,450)
2023 June	(664,469)	0.233503	18,705	(155,155)	(509,313)	0.005469	(2,953)	(23,227)	0.766497	(30,303)
2023 July	(639,828)	0.233503	5,754	(149,402)	(490,426)	0.005469	(2,734)	(25,961)	0.766497	(33,869)
2023 August	(640,554)	0.233503	(170)	(149,571)	(490,983)	0.005469	(2,684)	(28,644)	0.766497	(37,370)
2023 September	(623,856)	0.233503	3,899	(145,672)	(478,184)	0.005469	(2,650)	(31,295)	0.766497	(40,828)
2023 October	(527,902)	0.233503	22,406	(123,267)	(404,635)	0.005469	(2,414)	(33,709)	0.766497	(43,977)
2023 November	(429,692)	0.233503	22,932	(100,334)	(329,358)	0.005469	(2,007)	(35,716)	0.766497	(46,596)
2023 December	(543,356)	0.233503	(26,541)	(126,875)	(416,481)	0.005469	(2,039)	(37,755)	0.766497	(49,257)
Checks			(126,875)	(126,875)	(416,481)		(37,755)			(49,257)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Miller Supplemental Testimony and Exhibits filed 4/28/2023. 663,661  
**Final Gross up of Return to Pretax for Vintage 2020** **614,904**

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Residential DSM Programs Vintage 2020

NC Residential DSM	Residential DSM	NC Allocation %	NC Allocated EE	Revenue Collected	Total	Program	Revenue Collected	Total	Total Costs	Total Revenue	Total	Total (Over)/Under
	Program Costs		Program Costs	Assigned to	(Over)/Under		Assigned to	(Over)/Under			(Over)/Under	collection Used for
	Incurred			Program Costs	Collection of	Incentives	Incentives	Collection of			Collection	Return Calculation
	Miller Exhibit 5 pg. 2, Line 9			see calc. at right								
<b>Beginning Balance1</b>	29,327,255		9,888,075	9,077,415	810,660	3,229,732	2,972,347	257,385	13,117,807	12,049,762	1,068,045	810,660
2023 January		33.71633333%		39,272	771,388	(31)	12,451	244,903	(31)	51,722	1,016,292	771,388
2023 February		33.71633333%		62,103	709,285	(31)	19,689	225,183	(31)	81,792	934,468	709,285
2023 March		33.71633333%		56,547	652,738	(31)	17,928	207,224	(31)	74,475	859,962	652,738
2023 April		33.71633333%		52,685	600,053	(31)	16,703	190,490	(31)	69,388	790,543	600,053
2023 May		33.71633333%		47,797	552,256	(31)	15,154	175,305	(31)	62,951	727,562	552,256
2023 June		33.71633333%		54,328	497,928	(31)	17,224	158,050	(31)	71,553	655,978	497,928
2023 July		33.71633333%		66,926	431,002	(31)	21,218	136,801	(31)	88,144	567,803	431,002
2023 August		33.71633333%		72,688	358,314	(31)	23,045	113,725	(31)	95,733	472,039	358,314
2023 September		33.71633333%		68,730	289,584	(31)	21,790	91,903	(31)	90,520	381,487	289,584
2023 October		33.71633333%		50,728	238,856	(31)	16,083	75,789	(31)	66,811	314,645	238,856
2023 November		33.71633333%		50,216	188,640	(31)	15,921	59,838	(31)	66,137	248,477	188,640
2023 December		33.71633333%		98,339	90,300	(31)	31,178	28,629	(31)	129,517	118,929	90,300
	29,327,255		9,888,075	9,797,775		3,229,360	3,200,731		13,117,435	12,998,506		

2023	
Program Costs to be Recovered	810,660
Revenue Requirement	1,067,673
% Revenue related to Program Costs	75.928%
% Revenue related to Incentives	24.072%

NC Residential DSM	Cumulative	Current Income Tax	Monthly	Cumulative	Net Deferred	Monthly Return	Monthly A/T	YTD After Tax	Gross up Factor	Gross up of
	(Over)/Under		Deferred Income	Deferred Income	After Tax					
	Recovery	Rate	Tax	Tax	Balance					
		1/2023 - 12/2023				6.56%			0.766497	
<b>Beginning Balance</b>	810,660		189,292	189,292	621,368					
2023 January	771,388	0.233503	(9,170)	180,121	591,267	0.005469	3,316	3,316	0.766497	4,326
2023 February	709,285	0.233503	(14,501)	165,620	543,665	0.005469	3,104	6,420	0.766497	8,375
2023 March	652,738	0.233503	(13,204)	152,416	500,322	0.005469	2,855	9,275	0.766497	12,100
2023 April	600,053	0.233503	(12,302)	140,114	459,939	0.005469	2,626	11,900	0.766497	15,526
2023 May	552,256	0.233503	(11,161)	128,954	423,303	0.005469	2,415	14,316	0.766497	18,677
2023 June	497,928	0.233503	(12,686)	116,268	381,660	0.005469	2,201	16,517	0.766497	21,549
2023 July	431,002	0.233503	(15,627)	100,640	330,362	0.005469	1,947	18,464	0.766497	24,089
2023 August	358,314	0.233503	(16,973)	83,667	274,647	0.005469	1,654	20,119	0.766497	26,247
2023 September	289,584	0.233503	(16,049)	67,619	221,965	0.005469	1,358	21,477	0.766497	28,019
2023 October	238,856	0.233503	(11,845)	55,774	183,082	0.005469	1,108	22,584	0.766497	29,464
2023 November	188,640	0.233503	(11,726)	44,048	144,592	0.005469	896	23,480	0.766497	30,633
2023 December	90,300	0.233503	(22,963)	21,085	69,215	0.005469	585	24,065	0.766497	31,396
Checks			21,085	21,085	69,215		24,065			31,396

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Miller Supplemental Testimony and Exhibits filed 4/28/2023. 105,277  
**Final Gross up of Return to Pretax for Vintage 2020 136,673**

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.



Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Non- Residential EE Programs Vintage 2020

NC Non- Residential EE	Non-Residential EE Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Revenue Collected Assigned to Program Costs	Total (Over)/Under Collection of Program Costs	PPI & Lost Revenues	Revenue Collected Assigned to Incentives	Total (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Total (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation	2023	
													Program Costs to be Recovered	Revenue Requirement
Miller Exhibit 5 pg 2, Line 4														
Beginning Balance1	30,082,572		22,026,843	22,754,871	(728,028)	25,377,700	25,123,272	254,428	47,404,543	47,878,143	(473,600)	(473,600)		
2023 January		73.2212736%		799	(728,827)	284,819	(4,028)	543,275	284,819	(3,229)	(185,552)	(185,552)	Program Costs to be Recovered	(728,028)
2023 February		73.2212736%		(83,755)	(645,071)	284,819	422,470	405,624	284,819	338,715	(239,448)	(239,448)	Revenue Requirement	2,944,223
2023 March		73.2212736%		(85,838)	(559,234)	284,819	432,974	257,469	284,819	347,136	(301,765)	(301,765)		
2023 April		73.2212736%		(84,247)	(474,987)	284,819	424,949	117,338	284,819	340,702	(357,649)	(357,649)	% Revenue related to Program Costs	-24.727%
2023 May		73.2212736%		(82,603)	(392,384)	284,819	416,658	(14,501)	284,819	334,055	(406,886)	(406,886)	% Revenue related to Incentives	124.73%
2023 June		73.2212736%		(92,590)	(299,795)	284,819	467,032	(196,715)	284,819	374,442	(496,509)	(496,509)		
2023 July		73.2212736%		(101,861)	(197,934)	284,819	513,795	(425,691)	284,819	411,935	(623,626)	(623,626)		
2023 August		73.2212736%		(108,586)	(89,348)	284,819	547,721	(688,594)	284,819	439,135	(777,942)	(777,942)		
2023 September		73.2212736%		(107,300)	17,952	284,819	541,231	(945,006)	284,819	433,931	(927,054)	(927,054)		
2023 October		73.2212736%		(91,263)	109,215	284,819	460,343	(1,120,530)	284,819	369,079	(1,011,315)	(1,011,315)		
2023 November		73.2212736%		(83,548)	192,763	284,819	421,426	(1,257,138)	284,819	337,878	(1,064,374)	(1,064,374)		
2023 December		73.2212736%		(103,821)	296,585	284,819	523,686	(1,496,005)	284,819	419,865	(1,199,421)	(1,199,421)		
	30,082,572		22,026,843	21,730,258		28,795,523	30,291,528		50,822,366	52,021,786				

Exhibit 4 Line 23

NC Non-Residential EE	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
		1/2023 - 12/2023				6.56%			0.766497	
Beginning Balance	(473,600)		(110,587)	(110,587)	(363,013)					
2023 January	(185,552)	0.233503	67,260	(43,327)	(142,225)	0.005469	(1,382)	(1,382)	0.766497	(1,803)
2023 February	(239,448)	0.233503	(12,585)	(55,912)	(183,536)	0.005469	(891)	(2,272)	0.766497	(2,965)
2023 March	(301,765)	0.233503	(14,551)	(70,463)	(231,302)	0.005469	(1,134)	(3,407)	0.766497	(4,445)
2023 April	(357,649)	0.233503	(13,049)	(83,512)	(274,137)	0.005469	(1,382)	(4,789)	0.766497	(6,248)
2023 May	(406,886)	0.233503	(11,497)	(95,009)	(311,877)	0.005469	(1,603)	(6,392)	0.766497	(8,339)
2023 June	(496,509)	0.233503	(20,927)	(115,936)	(380,573)	0.005469	(1,894)	(8,285)	0.766497	(10,809)
2023 July	(623,626)	0.233503	(29,682)	(145,618)	(478,007)	0.005469	(2,348)	(10,633)	0.766497	(13,872)
2023 August	(777,942)	0.233503	(36,033)	(181,652)	(596,290)	0.005469	(2,938)	(13,571)	0.766497	(17,705)
2023 September	(927,054)	0.233503	(34,818)	(216,470)	(710,584)	0.005469	(3,574)	(17,144)	0.766497	(22,367)
2023 October	(1,011,315)	0.233503	(19,675)	(236,145)	(775,170)	0.005469	(4,063)	(21,207)	0.766497	(27,668)
2023 November	(1,064,374)	0.233503	(12,389)	(248,535)	(815,840)	0.005469	(4,351)	(25,558)	0.766497	(33,344)
2023 December	(1,199,421)	0.233503	(31,534)	(280,068)	(919,352)	0.005469	(4,745)	(30,303)	0.766497	(39,535)
Checks			(280,068)	(280,068)	(919,352)		(30,303)			(39,535)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Miller Supplemental Testimony and Exhibits filed 4/28/2023. (633,037)  
 Final Gross up of Return to Pretax for Vintage 2020 (672,572)

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Non - Residential DSM Programs Vintage 2020

NC Non- Residential DSM	Non-Residential DSM Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Revenue Collected Assigned to Program Costs	Total (Over)/Under Collection of Program Costs	Program Incentives	Revenue Collected Assigned to Incentives	Total (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Total (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation
Miller Exhibit 5 pg. 2, Line 10												
<b>Beginning Balance1</b>	29,327,255		11,871,383	11,963,742	(92,359)	3,877,982	3,906,970	(28,988)	15,749,365	15,870,712	(121,347)	(121,347)
2023 January		40.4790117%	-	(28,339)	(64,020)	(74)	(9,168)	(19,895)	(74)	(37,507)	(83,914)	(83,914)
2023 February		40.4790117%	-	(3,269)	(60,751)	(74)	(1,057)	(18,911)	(74)	(4,326)	(79,662)	(79,662)
2023 March		40.4790117%	-	(1,546)	(59,205)	(74)	(500)	(18,485)	(74)	(2,046)	(77,691)	(77,691)
2023 April		40.4790117%	-	(1,637)	(57,569)	(74)	(529)	(18,030)	(74)	(2,166)	(75,599)	(75,599)
2023 May		40.4790117%	-	(1,490)	(56,078)	(74)	(482)	(17,622)	(74)	(1,973)	(73,700)	(73,700)
2023 June		40.4790117%	-	(1,769)	(54,309)	(74)	(572)	(17,124)	(74)	(2,342)	(71,433)	(71,433)
2023 July		40.4790117%	-	(2,013)	(52,296)	(74)	(651)	(16,547)	(74)	(2,665)	(68,843)	(68,843)
2023 August		40.4790117%	-	(2,659)	(49,637)	(74)	(860)	(15,761)	(74)	(3,519)	(65,398)	(65,398)
2023 September		40.4790117%	-	(2,065)	(47,572)	(74)	(668)	(15,167)	(74)	(2,733)	(62,739)	(62,739)
2023 October		40.4790117%	-	(1,669)	(45,903)	(74)	(540)	(14,702)	(74)	(2,208)	(60,605)	(60,605)
2023 November		40.4790117%	-	(1,521)	(44,382)	(74)	(492)	(14,284)	(74)	(2,013)	(58,666)	(58,666)
2023 December		40.4790117%	-	(1,780)	(42,603)	(74)	(576)	(13,782)	(74)	(2,355)	(56,385)	(56,385)
	29,327,255		11,871,383	11,913,986		3,877,091	3,890,874		15,748,474	15,804,860		

2023		
Program Costs to be Recovered	(92,359)	
Revenue Requirement	(122,238)	
% Revenue related to Program Costs	75.56%	
% Revenue related to Incentives	24.44%	

Exhibit 4 Line 33

NC Non-Residential DSM	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
1/2023 - 12/2023										
						6.56%			0.766497	
<b>Beginning Balance</b>	(121,347)		(28,335)	(28,335)	(93,012)					
2023 January	(83,914)	0.233503	8,741	(19,594)	(64,320)	0.005469	(430)	(430)	0.766497	(561)
2023 February	(79,662)	0.233503	993	(18,601)	(61,061)	0.005469	(343)	(773)	0.766497	(1,009)
2023 March	(77,691)	0.233503	460	(18,141)	(59,550)	0.005469	(330)	(1,103)	0.766497	(1,439)
2023 April	(75,599)	0.233503	488	(17,653)	(57,946)	0.005469	(321)	(1,424)	0.766497	(1,858)
2023 May	(73,700)	0.233503	443	(17,209)	(56,491)	0.005469	(313)	(1,737)	0.766497	(2,266)
2023 June	(71,433)	0.233503	529	(16,680)	(54,753)	0.005469	(304)	(2,041)	0.766497	(2,663)
2023 July	(68,843)	0.233503	605	(16,075)	(52,768)	0.005469	(294)	(2,335)	0.766497	(3,047)
2023 August	(65,398)	0.233503	804	(15,271)	(50,127)	0.005469	(281)	(2,617)	0.766497	(3,414)
2023 September	(62,739)	0.233503	621	(14,650)	(48,089)	0.005469	(269)	(2,885)	0.766497	(3,764)
2023 October	(60,605)	0.233503	498	(14,151)	(46,454)	0.005469	(259)	(3,144)	0.766497	(4,102)
2023 November	(58,666)	0.233503	453	(13,699)	(44,968)	0.005469	(250)	(3,394)	0.766497	(4,428)
2023 December	(56,385)	0.233503	533	(13,166)	(43,219)	0.005469	(241)	(3,635)	0.766497	(4,742)
Checks			(13,166)	(13,166)	(43,219)		(3,635)			(4,742)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Miller Supplemental Testimony and Exhibits filed 4/28/2023. (329,655)  
**Final Gross up of Return to Pretax for Vintage 2020 (334,398)**

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.

Duke Energy Carolinas, LLC  
Docket Number E-7 Sub 1305  
Estimated Return Calculation - Residential EE Programs Vintage 2021

NC Residential EE	Residential EE Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Total Revenue Collected		PPI & Lost Revenues	Total (Over)/Under Collection of Incentives		Total Revenue	Total (Over)/Under collection Used for Return Calculation				
				Assigned to Program Costs	(Over)/Under Collection of Program Costs		Assigned to Incentives	Total Costs						
Miller Exhibit 5 pg. 3, Line 4														
<b>Beginning Balance<sup>1</sup></b>	35,677,735		26,231,472	36,992,727	(10,761,254)	26,513,036	34,160,387	(7,647,351)	52,744,508	71,153,114	(18,408,605)	(18,408,605)	<b>2023</b>	
2023 January		73.5233682%	-	(397,277)	(10,363,977)	90,766	(242,110)	(7,314,475)	90,766	(639,387)	(17,678,453)	(17,678,453)	Program Costs to be Recovered	(10,761,254)
2023 February		73.5233682%	-	(755,472)	(9,608,506)	90,766	(460,402)	(6,763,307)	90,766	(1,215,874)	(16,371,813)	(16,371,813)	Revenue Requirement	(17,319,418)
2023 March		73.5233682%	-	(668,308)	(8,940,198)	90,766	(407,283)	(6,265,259)	90,766	(1,075,591)	(15,205,457)	(15,205,457)	% Revenue related to Program Costs	62.13%
2023 April		73.5233682%	-	(607,706)	(8,332,492)	90,766	(370,350)	(5,804,143)	90,766	(978,056)	(14,136,635)	(14,136,635)	% Revenue related to Incentives	37.87%
2023 May		73.5233682%	-	(531,028)	(7,801,464)	90,766	(323,621)	(5,389,757)	90,766	(854,649)	(13,191,221)	(13,191,221)		
2023 June		73.5233682%	-	(633,496)	(7,167,968)	90,766	(386,068)	(4,912,923)	90,766	(1,019,564)	(12,080,891)	(12,080,891)		
2023 July		73.5233682%	-	(831,133)	(6,336,835)	90,766	(506,512)	(4,315,645)	90,766	(1,337,646)	(10,652,480)	(10,652,480)		
2023 August		73.5233682%	-	(921,529)	(5,415,305)	90,766	(561,602)	(3,663,278)	90,766	(1,483,131)	(9,078,583)	(9,078,583)		
2023 September		73.5233682%	-	(859,438)	(4,555,867)	90,766	(523,762)	(3,048,751)	90,766	(1,383,200)	(7,604,618)	(7,604,618)		
2023 October		73.5233682%	-	(577,015)	(3,978,852)	90,766	(351,647)	(2,606,338)	90,766	(928,662)	(6,585,191)	(6,585,191)		
2023 November		73.5233682%	-	(568,980)	(3,409,872)	90,766	(346,750)	(2,168,823)	90,766	(915,730)	(5,578,695)	(5,578,695)		
2023 December		73.5233682%	-	(1,323,966)	(2,085,906)	90,766	(806,856)	(1,271,201)	90,766	(2,130,822)	(3,357,107)	(3,357,107)		
	35,677,735		26,231,472	28,317,379		27,602,223	28,873,424		53,833,696	57,190,803				

Exhibit 4 Line 3

NC Residential EE	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
<b>Beginning Balance</b>	(18,408,605)			(4,298,465)	(14,110,141)					
2023 January	(17,678,453)	0.233503	170,493	(4,127,972)	(13,550,481)	0.005469	(75,640)	(75,640)	0.766497	(98,683)
2023 February	(16,371,813)	0.233503	305,104	(3,822,868)	(12,548,946)	0.005469	(71,371)	(147,012)	0.766497	(191,797)
2023 March	(15,205,457)	0.233503	272,348	(3,550,520)	(11,654,937)	0.005469	(66,188)	(213,199)	0.766497	(278,148)
2023 April	(14,136,635)	0.233503	249,573	(3,300,947)	(10,835,689)	0.005469	(61,503)	(274,702)	0.766497	(358,386)
2023 May	(13,191,221)	0.233503	220,757	(3,080,190)	(10,111,031)	0.005469	(57,281)	(331,983)	0.766497	(433,117)
2023 June	(12,080,891)	0.233503	259,265	(2,820,924)	(9,259,967)	0.005469	(52,972)	(384,954)	0.766497	(502,225)
2023 July	(10,652,480)	0.233503	333,538	(2,487,386)	(8,165,094)	0.005469	(47,650)	(432,605)	0.766497	(564,392)
2023 August	(9,078,583)	0.233503	367,510	(2,119,876)	(6,958,707)	0.005469	(41,357)	(473,962)	0.766497	(618,348)
2023 September	(7,604,618)	0.233503	344,175	(1,775,701)	(5,828,917)	0.005469	(34,969)	(508,931)	0.766497	(663,970)
2023 October	(6,585,191)	0.233503	238,039	(1,537,662)	(5,047,529)	0.005469	(29,743)	(538,674)	0.766497	(702,773)
2023 November	(5,578,695)	0.233503	235,020	(1,302,642)	(4,276,053)	0.005469	(25,496)	(564,170)	0.766497	(736,036)
2023 December	(3,357,107)	0.233503	518,747	(783,895)	(2,573,213)	0.005469	(18,730)	(582,900)	0.766497	(760,472)
Checks			29,746,042	75,543	(783,895)		(582,900)			(760,472)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Miller Supplemental Testimony and Exhibits filed 4/28/2023. (375,086)  
**Final Gross up of Return to Pretax for Vintage 2021 (1,135,558)**

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Residential DSM Programs Vintage 2021

NC Residential DSM	Residential DSM Program Costs Incurred	NC Allocation %	NC Allocated DSM Program Costs	Revenue Collected Assigned to Program Costs	Total (Over)/Under Collection of Program Costs	Program Incentives	Revenue Collected Assigned to Incentives	Total (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Total (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation
	Miller Exhibit 5 pg. 3, Line 9											
<b>Beginning Balance<sup>1</sup></b>	32,876,164		11,489,414	13,877,117	(2,387,703)	2,788,295	3,367,931	(579,636)	14,277,709	17,245,048	(2,967,339)	(2,967,339)
2023 January		34.9475492%	-	(102,170)	(2,285,533)	3	(24,801)	(554,838)	3	(126,971)	(2,840,365)	(2,840,365)
2023 February		34.9475492%	-	(195,500)	(2,090,033)	3	(47,456)	(507,386)	3	(242,956)	(2,597,405)	(2,597,405)
2023 March		34.9475492%	-	(172,789)	(1,917,244)	3	(41,943)	(465,446)	3	(214,732)	(2,382,670)	(2,382,670)
2023 April		34.9475492%	-	(156,999)	(1,760,246)	3	(38,110)	(427,339)	3	(195,109)	(2,187,558)	(2,187,558)
2023 May		34.9475492%	-	(137,020)	(1,623,226)	3	(33,260)	(394,082)	3	(170,280)	(2,017,274)	(2,017,274)
2023 June		34.9475492%	-	(163,718)	(1,459,507)	3	(39,741)	(354,344)	3	(203,460)	(1,813,811)	(1,813,811)
2023 July		34.9475492%	-	(215,214)	(1,244,294)	3	(52,241)	(302,106)	3	(267,455)	(1,546,353)	(1,546,353)
2023 August		34.9475492%	-	(238,767)	(1,005,526)	3	(57,959)	(244,151)	3	(296,726)	(1,249,623)	(1,249,623)
2023 September		34.9475492%	-	(222,589)	(782,938)	3	(54,032)	(190,123)	3	(276,620)	(972,999)	(972,999)
2023 October		34.9475492%	-	(149,002)	(633,936)	3	(36,169)	(153,957)	3	(185,171)	(787,825)	(787,825)
2023 November		34.9475492%	-	(146,908)	(487,027)	3	(35,661)	(118,300)	3	(182,569)	(605,253)	(605,253)
2023 December		34.9475492%	-	(343,624)	(143,403)	3	(83,412)	(34,891)	3	(427,036)	(178,213)	(178,213)
	32,876,164		11,489,414	11,632,817		2,788,335	2,823,145		14,277,749	14,455,962		

2023	
Program Costs to be Recovered	(2,387,703)
Revenue Requirement	(2,967,299)
% Revenue related to Program Costs	80.47%
% Revenue related to Incentives	19.53%

NC Residential DSM	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
	1/2023 - 12/2023									
						6.56%			0.766497	
<b>Beginning Balance</b>	(2,967,339)		(692,883)	(692,883)	(2,274,457)					
2023 January	(2,840,365)	0.233503	29,649	(663,234)	(2,177,131)	0.005469	(12,173)	(12,173)	0.766497	(15,882)
2023 February	(2,597,405)	0.233503	56,732	(606,502)	(1,990,903)	0.005469	(11,398)	(23,571)	0.766497	(30,752)
2023 March	(2,382,670)	0.233503	50,141	(556,361)	(1,826,309)	0.005469	(10,439)	(34,010)	0.766497	(44,370)
2023 April	(2,187,558)	0.233503	45,559	(510,801)	(1,676,757)	0.005469	(9,579)	(43,589)	0.766497	(56,868)
2023 May	(2,017,274)	0.233503	39,762	(471,040)	(1,546,235)	0.005469	(8,814)	(52,403)	0.766497	(68,366)
2023 June	(1,813,811)	0.233503	47,509	(423,530)	(1,390,281)	0.005469	(8,030)	(60,433)	0.766497	(78,843)
2023 July	(1,546,353)	0.233503	62,452	(361,078)	(1,185,275)	0.005469	(7,043)	(67,476)	0.766497	(88,032)
2023 August	(1,249,623)	0.233503	69,287	(291,791)	(957,832)	0.005469	(5,861)	(73,336)	0.766497	(95,677)
2023 September	(972,999)	0.233503	64,592	(227,198)	(745,801)	0.005469	(4,659)	(77,995)	0.766497	(101,755)
2023 October	(787,825)	0.233503	43,239	(183,960)	(603,866)	0.005469	(3,691)	(81,686)	0.766497	(106,570)
2023 November	(605,253)	0.233503	42,631	(141,328)	(463,924)	0.005469	(2,920)	(84,606)	0.766497	(110,380)
2023 December	(178,213)	0.233503	99,715	(41,613)	(136,600)	0.005469	(1,642)	(86,248)	0.766497	(112,522)
Checks			(41,613)	(41,613)	(136,600)		(86,248)			(112,522)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Miller Supplemental Testimony and Exhibits filed 4/28/2023. (18)  
**Final Gross up of Return to Pretax for Vintage 2021 (112,541)**

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.

**Duke Energy Carolinas, LLC**  
**Docket Number E-7 Sub 1305**  
**Estimated Return Calculation - Non- Residential EE Programs Vintage 2021**

NC Non- Residential EE	Non-Residential EE Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Revenue Collected Assigned to Program Costs	Total (Over)/Under Collection of Program Costs	PPI & Lost Revenues	Revenue Collected Assigned to Incentives	Total (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Total (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation
Miller Exhibit 5 pg 3, Line 4												
<b>Beginning Balance1</b>	40,469,592		29,754,607	38,839,348	(9,084,740)	22,694,343	25,012,401	(2,318,059)	52,448,950	63,851,749	(11,402,799)	(11,402,799)
2023 January		73.5233682%	-	131,330	(9,216,071)	(458,609)	113,067	(2,889,734)	(458,609)	244,397	(12,105,805)	(12,105,805)
2023 February		73.5233682%	-	(67,006)	(9,149,065)	(458,609)	(57,687)	(3,290,656)	(458,609)	(124,693)	(12,439,721)	(12,439,721)
2023 March		73.5233682%	-	(80,036)	(9,069,029)	(458,609)	(68,906)	(3,680,359)	(458,609)	(148,941)	(12,749,388)	(12,749,388)
2023 April		73.5233682%	-	(73,307)	(8,995,722)	(458,609)	(63,113)	(4,075,855)	(458,609)	(136,420)	(13,071,577)	(13,071,577)
2023 May		73.5233682%	-	(71,182)	(8,924,540)	(458,609)	(61,283)	(4,473,181)	(458,609)	(132,465)	(13,397,721)	(13,397,721)
2023 June		73.5233682%	-	(85,481)	(8,839,059)	(458,609)	(73,594)	(4,858,196)	(458,609)	(159,075)	(13,697,255)	(13,697,255)
2023 July		73.5233682%	-	(98,443)	(8,740,616)	(458,609)	(84,753)	(5,232,053)	(458,609)	(183,195)	(13,972,669)	(13,972,669)
2023 August		73.5233682%	-	(107,166)	(8,633,450)	(458,609)	(92,263)	(5,598,399)	(458,609)	(199,429)	(14,231,849)	(14,231,849)
2023 September		73.5233682%	-	(106,770)	(8,526,680)	(458,609)	(91,922)	(5,965,086)	(458,609)	(198,692)	(14,491,766)	(14,491,766)
2023 October		73.5233682%	-	(83,715)	(8,442,965)	(458,609)	(72,073)	(6,351,622)	(458,609)	(155,788)	(14,794,587)	(14,794,587)
2023 November		73.5233682%	-	(72,509)	(8,370,456)	(458,609)	(62,426)	(6,747,805)	(458,609)	(134,935)	(15,118,261)	(15,118,261)
2023 December		73.5233682%	-	(69,341)	(8,301,115)	(458,609)	(59,698)	(7,146,716)	(458,609)	(129,039)	(15,447,831)	(15,447,831)
	40,469,592		29,754,607	38,055,723		17,191,036	24,337,751		46,945,643	62,393,474		

2023	
Program Costs to be Recovered	(9,084,740)
Revenue Requirement	(16,906,106)
% Revenue related to Program Costs	53.74%
% Revenue related to Incentives	46.26%

Exhibit 4 Line 24

NC Non-Residential EE	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
		1/2023 - 12/2023				6.56%			0.766497	
<b>Beginning Balance</b>	(11,402,799)		(2,662,588)	(2,662,588)	(8,740,211)					
2023 January	(12,105,805)	0.233503	(164,154)	(2,826,742)	(9,279,063)	0.005469	(49,275)	(49,275)	0.766497	(64,286)
2023 February	(12,439,721)	0.233503	(77,970)	(2,904,712)	(9,535,009)	0.005469	(51,449)	(100,724)	0.766497	(131,408)
2023 March	(12,749,388)	0.233503	(72,308)	(2,977,020)	(9,772,368)	0.005469	(52,798)	(153,522)	0.766497	(200,290)
2023 April	(13,071,577)	0.233503	(75,232)	(3,052,252)	(10,019,325)	0.005469	(54,122)	(207,644)	0.766497	(270,900)
2023 May	(13,397,721)	0.233503	(76,156)	(3,128,408)	(10,269,313)	0.005469	(55,481)	(263,125)	0.766497	(343,283)
2023 June	(13,697,255)	0.233503	(69,942)	(3,198,350)	(10,498,905)	0.005469	(56,793)	(319,918)	0.766497	(417,376)
2023 July	(13,972,669)	0.233503	(64,310)	(3,262,660)	(10,710,009)	0.005469	(57,998)	(377,915)	0.766497	(493,042)
2023 August	(14,231,849)	0.233503	(60,519)	(3,323,179)	(10,908,669)	0.005469	(59,118)	(437,033)	0.766497	(570,170)
2023 September	(14,491,766)	0.233503	(60,691)	(3,383,871)	(11,107,895)	0.005469	(60,206)	(497,240)	0.766497	(648,717)
2023 October	(14,794,587)	0.233503	(70,710)	(3,454,580)	(11,340,007)	0.005469	(61,386)	(558,625)	0.766497	(728,803)
2023 November	(15,118,261)	0.233503	(75,579)	(3,530,159)	(11,588,102)	0.005469	(62,699)	(621,324)	0.766497	(810,603)
2023 December	(15,447,831)	0.233503	(76,956)	(3,607,115)	(11,840,716)	0.005469	(64,068)	(685,393)	0.766497	(894,188)
Checks			(3,607,115)	(3,607,115)	(11,840,716)		(685,393)			(894,188)
Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Listebarger Supplemental Testimony and Exhibits filed 4/28/2023.										1,298,223
<b>Final Gross up of Return to Pretax for Vintage 2021</b>										<b>404,035</b>

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.

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Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Non - Residential DSM Programs Vintage 2021

NC Non- Residential DSM	Non-Residential DSM Program Costs Incurred	NC Allocation %	NC Allocated DSM Program Costs	Revenue Collected Assigned to Program Costs	Cumulative (Over)/Under Collection of Program Costs	Program Incentives	Revenue Collected Assigned to Incentives	Cumulative (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Cumulative Total (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation
Miller Exhibit 5 pg. 3, Line 10												
<b>Beginning Balance<sup>1</sup></b>	32,876,164		12,956,111	15,919,619	(2,963,508)	3,144,214	3,863,404	(719,190)	16,100,325	19,783,023	(3,682,698)	(3,682,698)
2023 January	-	39.4088278%	-	(31,688)	(2,931,820)	(4)	(7,691)	(711,503)	(4)	(39,379)	(3,643,323)	(3,643,323)
2023 February	-	39.4088278%	-	(170,850)	(2,760,970)	(4)	(41,465)	(670,042)	(4)	(212,315)	(3,431,011)	(3,431,011)
2023 March	-	39.4088278%	-	(180,298)	(2,580,672)	(4)	(43,758)	(626,287)	(4)	(224,056)	(3,206,959)	(3,206,959)
2023 April	-	39.4088278%	-	(177,574)	(2,403,098)	(4)	(43,097)	(583,195)	(4)	(220,670)	(2,986,293)	(2,986,293)
2023 May	-	39.4088278%	-	(169,043)	(2,234,056)	(4)	(41,026)	(542,172)	(4)	(210,069)	(2,776,228)	(2,776,228)
2023 June	-	39.4088278%	-	(197,986)	(2,036,070)	(4)	(48,050)	(494,125)	(4)	(246,036)	(2,530,195)	(2,530,195)
2023 July	-	39.4088278%	-	(215,272)	(1,820,798)	(4)	(52,246)	(441,883)	(4)	(267,518)	(2,262,681)	(2,262,681)
2023 August	-	39.4088278%	-	(235,135)	(1,585,663)	(4)	(57,066)	(384,820)	(4)	(292,202)	(1,970,483)	(1,970,483)
2023 September	-	39.4088278%	-	(229,617)	(1,356,046)	(4)	(55,727)	(329,097)	(4)	(285,344)	(1,685,143)	(1,685,143)
2023 October	-	39.4088278%	-	(191,817)	(1,164,229)	(4)	(46,553)	(282,547)	(4)	(238,370)	(1,446,776)	(1,446,776)
2023 November	-	39.4088278%	-	(175,537)	(988,692)	(4)	(42,602)	(239,949)	(4)	(218,139)	(1,228,641)	(1,228,641)
2023 December	-	39.4088278%	-	(264,303)	(724,389)	(4)	(64,145)	(175,807)	(4)	(328,448)	(900,196)	(900,196)
	32,876,164		12,956,111	13,680,500		3,144,171	3,319,977		16,100,281	17,000,478		

2023	
Program Costs to be Recovered	(2,963,508)
Revenue Requirement	(3,682,741)
% Revenue related to Program Costs	80.47%
% Revenue related to Incentives	19.53%

NC Non-Residential DSM	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
1/2023 - 12/2023										
						6.56%			0.766497	
<b>Beginning Balance</b>	(3,682,698)		(859,921)	(859,921)	(2,822,777)					
2023 January	(3,643,323)	0.233503	9,194	(850,727)	(2,792,596)	0.005469	(15,356)	(15,356)	0.766497	(20,034)
2023 February	(3,431,011)	0.233503	49,575	(801,151)	(2,628,860)	0.005469	(14,828)	(30,184)	0.766497	(39,379)
2023 March	(3,206,959)	0.233503	52,317	(748,835)	(2,458,125)	0.005469	(13,914)	(44,097)	0.766497	(57,531)
2023 April	(2,986,293)	0.233503	51,526	(697,308)	(2,288,984)	0.005469	(12,981)	(57,079)	0.766497	(74,467)
2023 May	(2,776,228)	0.233503	49,051	(648,257)	(2,127,970)	0.005469	(12,079)	(69,157)	0.766497	(90,225)
2023 June	(2,530,195)	0.233503	57,449	(590,808)	(1,939,387)	0.005469	(11,123)	(80,280)	0.766497	(104,736)
2023 July	(2,262,681)	0.233503	62,465	(528,343)	(1,734,338)	0.005469	(10,046)	(90,326)	0.766497	(117,843)
2023 August	(1,970,483)	0.233503	68,229	(460,114)	(1,510,369)	0.005469	(8,873)	(99,199)	0.766497	(129,419)
2023 September	(1,685,143)	0.233503	66,628	(393,486)	(1,291,657)	0.005469	(7,662)	(106,861)	0.766497	(139,415)
2023 October	(1,446,776)	0.233503	55,659	(337,827)	(1,108,590)	0.005469	(6,565)	(113,426)	0.766497	(147,980)
2023 November	(1,228,641)	0.233503	50,935	(286,891)	(941,749)	0.005469	(5,608)	(119,034)	0.766497	(155,296)
2023 December	(900,196)	0.233503	76,693	(210,199)	(689,998)	0.005469	(4,462)	(123,496)	0.766497	(161,117)
Checks			(210,199)	(210,199)	(689,998)		(123,496)			(161,117)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Listebarger Supplemental Testimony and Exhibits filed 4/28/2023. 245,579  
**Final Gross up of Return to Pretax for Vintage 2021** 84,462

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Residential EE Programs Vintage 2022

NC Residential EE	Residential EE Program Costs		Revenue Collected		Total (Over)/Under	Revenue Collected		Total (Over)/Under	Total (Over)/Under		Total (Over)/Under	
	Incurred	NC Allocation %	Assigned to Program Costs	Assigned to Program Costs	Collection of Program Costs	Assigned to Incentives	Collection of Incentives	Total Costs	Total Revenue	Collection	Return Calculation	
Miller Exhibit 5 pg. 4, Line 4												
<b>Beginning Balance</b>	42,438,652		31,359,024	36,599,688	(5,240,664)	24,735,089	28,868,773	(4,133,684)	56,094,113	65,468,461	(9,374,348)	(9,374,348)
2023 January		73.8925998%	-	-	(5,240,664)	373,413	299,770	(4,060,042)	373,413	299,770	(9,300,706)	(9,300,706)
2023 February		73.8925998%	-	-	(5,240,664)	373,413	555,796	(4,242,424)	373,413	555,796	(9,483,089)	(9,483,089)
2023 March		73.8925998%	-	-	(5,240,664)	373,413	493,494	(4,362,506)	373,413	493,494	(9,603,170)	(9,603,170)
2023 April		73.8925998%	-	-	(5,240,664)	373,413	450,178	(4,439,271)	373,413	450,178	(9,679,935)	(9,679,935)
2023 May		73.8925998%	-	-	(5,240,664)	373,413	395,371	(4,461,229)	373,413	395,371	(9,701,893)	(9,701,893)
2023 June		73.8925998%	-	-	(5,240,664)	373,413	468,612	(4,556,428)	373,413	468,612	(9,797,092)	(9,797,092)
2023 July		73.8925998%	-	-	(5,240,664)	373,413	609,876	(4,792,891)	373,413	609,876	(10,033,555)	(10,033,555)
2023 August		73.8925998%	-	-	(5,240,664)	373,413	674,488	(5,093,967)	373,413	674,488	(10,334,631)	(10,334,631)
2023 September		73.8925998%	-	-	(5,240,664)	373,413	630,107	(5,350,661)	373,413	630,107	(10,591,325)	(10,591,325)
2023 October		73.8925998%	-	-	(5,240,664)	373,413	428,241	(5,405,489)	373,413	428,241	(10,646,154)	(10,646,154)
2023 November		73.8925998%	-	-	(5,240,664)	373,413	422,498	(5,454,574)	373,413	422,498	(10,695,239)	(10,695,239)
2023 December		73.8925998%	-	-	(5,240,664)	373,413	962,136	(6,043,298)	373,413	962,136	(11,283,962)	(11,283,962)
			31,359,024	36,599,688		29,216,042	35,259,340		60,575,065	71,859,028		

<b>2022</b>	
Program Costs to be Recovered	31,359,024
Revenue Requirement	56,094,113
% Revenue related to Program Costs	55.90%
% Revenue related to Incentives	44.10%

<b>2023</b>	
All revenues assigned to incentives because revenue collected is for Year 2 lost revenues.	

NC Residential EE	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
			1/2023 - 12/2023				6.56%			0.766497
<b>Beginning Balance</b>	(9,374,348)		(2,188,938)	(2,188,938)	(7,185,410)					
2023 January	(9,300,706)	0.233503	17,196	(2,171,743)	(7,128,963)	0.005469	(39,144)	(39,144)	0.766497	(51,069)
2023 February	(9,483,089)	0.233503	(42,587)	(2,214,330)	(7,268,759)	0.005469	(39,372)	(78,516)	0.766497	(102,435)
2023 March	(9,603,170)	0.233503	(28,039)	(2,242,369)	(7,360,801)	0.005469	(40,006)	(118,522)	0.766497	(154,628)
2023 April	(9,679,935)	0.233503	(17,925)	(2,260,294)	(7,419,641)	0.005469	(40,418)	(158,940)	0.766497	(207,359)
2023 May	(9,701,893)	0.233503	(5,127)	(2,265,421)	(7,436,472)	0.005469	(40,625)	(199,565)	0.766497	(260,360)
2023 June	(9,797,092)	0.233503	(22,229)	(2,287,650)	(7,509,442)	0.005469	(40,871)	(240,436)	0.766497	(313,682)
2023 July	(10,033,555)	0.233503	(55,215)	(2,342,865)	(7,690,690)	0.005469	(41,566)	(282,002)	0.766497	(367,911)
2023 August	(10,334,631)	0.233503	(70,302)	(2,413,167)	(7,921,464)	0.005469	(42,693)	(324,695)	0.766497	(423,609)
2023 September	(10,591,325)	0.233503	(59,939)	(2,473,106)	(8,118,219)	0.005469	(43,862)	(368,557)	0.766497	(480,833)
2023 October	(10,646,154)	0.233503	(12,803)	(2,485,909)	(8,160,245)	0.005469	(44,515)	(413,072)	0.766497	(538,909)
2023 November	(10,695,239)	0.233503	(11,461)	(2,497,370)	(8,197,868)	0.005469	(44,733)	(457,805)	0.766497	(597,269)
2023 December	(11,283,962)	0.233503	(137,469)	(2,634,839)	(8,649,123)	0.005469	(46,070)	(503,874)	0.766497	(657,373)
Checks			(2,634,839)	(2,634,839)	(8,649,123)		(503,874)			(657,373)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Listebarger Supplemental Testimony and Exhibits filed 4/28/2023. -  
**Final Gross up of Return to Pretax for Vintage 2022** (657,373)

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Residential DSM Programs Vintage 2022

NC Residential DSM	Residential DSM Program Costs Incurred	NC Allocation %	NC Allocated DSM Program Costs	Revenue Collected Assigned to Program Costs	Cumulative (Over)/Under Collection of Program Costs	Program Incentives	Revenue Collected Assigned to Incentives	Cumulative (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Cumulative Total (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation
	Miller Exhibit 5 pg. 4, Line 8											
<b>Beginning Balance</b>	17,695,334		12,910,091	12,689,887	220,204	3,323,760	3,267,067	56,692	16,233,851	15,956,954	276,897	220,204
2023 January	72.9576004%		-	-	220,204	85,789	-	142,481	85,789	-	362,686	220,204
2023 February	72.9576004%		-	-	220,204	85,789	-	228,270	85,789	-	448,474	220,204
2023 March	72.9576004%		-	-	220,204	85,789	-	314,059	85,789	-	534,263	220,204
2023 April	72.9576004%		-	-	220,204	85,789	-	399,848	85,789	-	620,052	220,204
2023 May	72.9576004%		-	-	220,204	85,789	-	485,637	85,789	-	705,841	220,204
2023 June	72.9576004%		-	-	220,204	85,789	-	571,426	85,789	-	791,630	220,204
2023 July	72.9576004%		-	-	220,204	85,789	-	657,214	85,789	-	877,419	220,204
2023 August	72.9576004%		-	-	220,204	85,789	-	743,003	85,789	-	963,207	220,204
2023 September	72.9576004%		-	-	220,204	85,789	-	828,792	85,789	-	1,048,996	220,204
2023 October	72.9576004%		-	-	220,204	85,789	-	914,581	85,789	-	1,134,785	220,204
2023 November	72.9576004%		-	-	220,204	85,789	-	1,000,370	85,789	-	1,220,574	220,204
2023 December	72.9576004%		-	-	220,204	85,789	-	1,086,159	85,789	-	1,306,363	220,204
			12,910,091	12,689,887		4,353,226	3,267,067		17,263,317	15,956,954		

2023  
 No revenue was collected in 2023 for Vintage 2022 DSM costs.

Exhibit 4, line 12

Exhibit 4 Line 10

NC Residential DSM	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
	1/2023 - 12/2023									
						6.56%			0.766497	
<b>Beginning Balance</b>	220,204		51,418	51,418	168,786					
2023 January	220,204	0.233503	-	51,418	168,786	0.005469	923	923	0.766497	1,204
2023 February	220,204	0.233503	-	51,418	168,786	0.005469	923	1,846	0.766497	2,409
2023 March	220,204	0.233503	-	51,418	168,786	0.005469	923	2,769	0.766497	3,613
2023 April	220,204	0.233503	-	51,418	168,786	0.005469	923	3,692	0.766497	4,817
2023 May	220,204	0.233503	-	51,418	168,786	0.005469	923	4,616	0.766497	6,022
2023 June	220,204	0.233503	-	51,418	168,786	0.005469	923	5,539	0.766497	7,226
2023 July	220,204	0.233503	-	51,418	168,786	0.005469	923	6,462	0.766497	8,430
2023 August	220,204	0.233503	-	51,418	168,786	0.005469	923	7,385	0.766497	9,635
2023 September	220,204	0.233503	-	51,418	168,786	0.005469	923	8,308	0.766497	10,839
2023 October	220,204	0.233503	-	51,418	168,786	0.005469	923	9,231	0.766497	12,043
2023 November	220,204	0.233503	-	51,418	168,786	0.005469	923	10,154	0.766497	13,248
2023 December	220,204	0.233503	-	51,418	168,786	0.005469	923	11,077	0.766497	14,452
Checks			51,418	-	168,786		11,077			14,452

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Listebarger Supplemental Testimony and Exhibits filed 4/28/2023. (11,041)  
**Final Gross up of Return to Pretax for Vintage 2022 3,411**



Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Non- Residential EE Programs Vintage 2022

NC Non- Residential EE	Non-Residential EE Program Costs		Revenue Collected Assigned to Program Costs		Cumulative (Over)/Under Collection of Program Costs	PPI & Lost Revenues	Revenue Collected Assigned to Incentives		Cumulative (Over)/Under Collection of Incentives	Total (Over)/Under collection Used for Return Calculation				
	Incurred	NC Allocation %	NC Allocated EE Program Costs	Program Costs			Total Costs	Total Revenue						
	Miller Exhibit 5 pg 4, Line 4													
<b>Beginning Balance</b>	39,654,090		29,423,638	53,655,692	(24,232,054)	5,189,355	9,463,086	(4,273,731)	34,612,992	63,118,778	(28,505,786)	(28,505,786)	<b>2022</b>	
2023 January		73.8925998%	-	-	(24,232,054)	340,699	1,417,234	(5,350,267)	340,699	1,417,234	(29,582,321)	(29,582,321)	Program Costs to be Recovered	29,423,638
2023 February		73.8925998%	-	-	(24,232,054)	340,699	1,229,102	(6,238,670)	340,699	1,229,102	(30,470,724)	(30,470,724)	Revenue Requirement	34,612,992
2023 March		73.8925998%	-	-	(24,232,054)	340,699	1,051,577	(6,949,549)	340,699	1,051,577	(31,181,603)	(31,181,603)		
2023 April		73.8925998%	-	-	(24,232,054)	340,699	1,116,915	(7,725,765)	340,699	1,116,915	(31,957,819)	(31,957,819)	% Revenue related to Program Costs	85.01%
2023 May		73.8925998%	-	-	(24,232,054)	340,699	1,087,004	(8,472,070)	340,699	1,087,004	(32,704,124)	(32,704,124)	% Revenue related to Incentives	14.99%
2023 June		73.8925998%	-	-	(24,232,054)	340,699	1,246,503	(9,377,874)	340,699	1,246,503	(33,609,928)	(33,609,928)		
2023 July		73.8925998%	-	-	(24,232,054)	340,699	1,400,662	(10,437,837)	340,699	1,400,662	(34,669,892)	(34,669,892)		
2023 August		73.8925998%	-	-	(24,232,054)	340,699	1,540,250	(11,637,389)	340,699	1,540,250	(35,869,443)	(35,869,443)		
2023 September		73.8925998%	-	-	(24,232,054)	340,699	1,482,076	(12,778,766)	340,699	1,482,076	(37,010,820)	(37,010,820)	All revenues assigned to incentives because revenue collected is for Year 2 lost revenues.	
2023 October		73.8925998%	-	-	(24,232,054)	340,699	1,223,140	(13,661,208)	340,699	1,223,140	(37,893,262)	(37,893,262)		
2023 November		73.8925998%	-	-	(24,232,054)	340,699	1,098,948	(14,419,457)	340,699	1,098,948	(38,651,511)	(38,651,511)		
2023 December		73.8925998%	-	-	(24,232,054)	340,699	1,113,265	(15,192,023)	340,699	1,113,265	(39,424,077)	(39,424,077)		
			29,423,638	53,655,692		9,277,740	24,469,763		38,701,377	78,125,455				

Exhibit 4 Line 25

NC Non-Residential EE	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
<b>Beginning Balance</b>	(28,505,786)		(6,656,186)	(6,656,186)	(21,849,599)					
2023 January	(29,582,321)	0.233503	(251,374)	(6,907,561)	(22,674,760)	0.005469	(121,756)	(121,756)	0.766497	(158,847)
2023 February	(30,470,724)	0.233503	(207,445)	(7,115,006)	(23,355,719)	0.005469	(125,874)	(247,630)	0.766497	(323,067)
2023 March	(31,181,603)	0.233503	(165,992)	(7,280,998)	(23,900,605)	0.005469	(129,227)	(376,857)	0.766497	(491,661)
2023 April	(31,957,819)	0.233503	(181,249)	(7,462,247)	(24,495,573)	0.005469	(132,344)	(509,201)	0.766497	(664,322)
2023 May	(32,704,124)	0.233503	(174,264)	(7,636,511)	(25,067,613)	0.005469	(135,535)	(644,735)	0.766497	(841,145)
2023 June	(33,609,928)	0.233503	(211,508)	(7,848,019)	(25,761,909)	0.005469	(138,998)	(783,733)	0.766497	(1,022,487)
2023 July	(34,669,892)	0.233503	(247,505)	(8,095,524)	(26,574,368)	0.005469	(143,118)	(926,851)	0.766497	(1,209,204)
2023 August	(35,869,443)	0.233503	(280,099)	(8,375,622)	(27,493,820)	0.005469	(147,854)	(1,074,706)	0.766497	(1,402,100)
2023 September	(37,010,820)	0.233503	(266,515)	(8,642,138)	(28,368,683)	0.005469	(152,761)	(1,227,467)	0.766497	(1,601,398)
2023 October	(37,893,262)	0.233503	(206,053)	(8,848,190)	(29,045,071)	0.005469	(157,003)	(1,384,470)	0.766497	(1,806,230)
2023 November	(38,651,511)	0.233503	(177,053)	(9,025,244)	(29,626,267)	0.005469	(160,442)	(1,544,912)	0.766497	(2,015,548)
2023 December	(39,424,077)	0.233503	(180,397)	(9,205,640)	(30,218,437)	0.005469	(163,651)	(1,708,562)	0.766497	(2,229,053)
Checks			(9,205,640)	(9,205,640)	(30,218,437)		(1,708,562)			(2,229,053)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Listebarger Supplemental Testimony and Exhibits filed 4/28/2023. (158,841)  
**Final Gross up of Return to Pretax for Vintage 2022 (2,387,894)**

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.

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Feb 27 2024

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Non - Residential DSM Programs Vintage 2022

NC Non- Residential DSM	Non-Residential DSM Program Costs Incurred	NC Allocation %	NC Allocated DSM Program Costs	Revenue Collected Assigned to Program Costs	Cumulative (Over)/Under Collection of Program Costs	Program Incentives	Revenue Collected Assigned to Incentives	Cumulative (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Cumulative (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation
Miller Exhibit 5 pg. 4, Line 8												
<b>Beginning Balance<sup>1</sup></b>	20,010,461		14,599,152	14,963,971	(364,818)	2,757,886	2,826,803	(68,917)	17,357,038	17,790,773	(433,735)	(433,735)
2023 January		72.9576004%	-	313,104	(677,922)	2,735	30,983	(97,165)	2,735	344,087	(775,087)	(775,087)
2023 February		72.9576004%	-	19,666	(697,588)	2,735	1,946	(96,376)	2,735	21,612	(793,964)	(793,964)
2023 March		72.9576004%	-	(417)	(697,171)	2,735	(41)	(93,600)	2,735	(458)	(790,772)	(790,772)
2023 April		72.9576004%	-	830	(698,001)	2,735	82	(90,948)	2,735	912	(788,949)	(788,949)
2023 May		72.9576004%	-	187	(698,187)	2,735	18	(88,231)	2,735	205	(786,419)	(786,419)
2023 June		72.9576004%	-	(207)	(697,981)	2,735	(20)	(85,476)	2,735	(227)	(783,457)	(783,457)
2023 July		72.9576004%	-	406	(698,387)	2,735	40	(82,782)	2,735	446	(781,169)	(781,169)
2023 August		72.9576004%	-	4,721	(703,108)	2,735	467	(80,514)	2,735	5,188	(783,622)	(783,622)
2023 September		72.9576004%	-	(708)	(702,399)	2,735	(70)	(77,709)	2,735	(778)	(780,108)	(780,108)
2023 October		72.9576004%	-	(551)	(701,848)	2,735	(54)	(74,920)	2,735	(605)	(776,769)	(776,769)
2023 November		72.9576004%	-	(240)	(701,609)	2,735	(24)	(72,162)	2,735	(263)	(773,770)	(773,770)
2023 December		72.9576004%	-	(6,739)	(694,870)	2,735	(667)	(68,760)	2,735	(7,405)	(763,630)	(763,630)
				15,294,022		2,790,702	2,859,462		17,389,855	18,153,485		

2023	
Program Costs to be Recovered	(364,818)
Revenue Requirement	(400,919)
% Revenue related to Program Costs	91.00%
% Revenue related to Incentives	9.00%

Exhibit 4 Line 35

NC Non-Residential DSM	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
1/2023 - 12/2023										
						6.56%			0.766497	
<b>Beginning Balance</b>	(433,735)		(101,279)	(101,279)	(332,457)					
2023 January	(775,087)	0.233503	(79,707)	(180,985)	(594,102)	0.005469	(2,534)	(2,534)	0.766497	(3,306)
2023 February	(793,964)	0.233503	(4,408)	(185,393)	(608,571)	0.005469	(3,289)	(5,823)	0.766497	(7,596)
2023 March	(790,772)	0.233503	745	(184,648)	(606,124)	0.005469	(3,322)	(9,144)	0.766497	(11,930)
2023 April	(788,949)	0.233503	426	(184,222)	(604,727)	0.005469	(3,311)	(12,455)	0.766497	(16,250)
2023 May	(786,419)	0.233503	591	(183,631)	(602,788)	0.005469	(3,302)	(15,757)	0.766497	(20,558)
2023 June	(783,457)	0.233503	692	(182,940)	(600,518)	0.005469	(3,291)	(19,048)	0.766497	(24,851)
2023 July	(781,169)	0.233503	534	(182,405)	(598,763)	0.005469	(3,280)	(22,328)	0.766497	(29,129)
2023 August	(783,622)	0.233503	(573)	(182,978)	(600,644)	0.005469	(3,280)	(25,607)	0.766497	(33,408)
2023 September	(780,108)	0.233503	820	(182,158)	(597,951)	0.005469	(3,278)	(28,885)	0.766497	(37,685)
2023 October	(776,769)	0.233503	780	(181,378)	(595,391)	0.005469	(3,263)	(32,148)	0.766497	(41,942)
2023 November	(773,770)	0.233503	700	(180,678)	(593,093)	0.005469	(3,250)	(35,398)	0.766497	(46,182)
2023 December	(763,630)	0.233503	2,368	(178,310)	(585,320)	0.005469	(3,222)	(38,621)	0.766497	(50,386)
Checks			(178,310)	(178,310)	(585,320)		(38,621)			(50,386)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1285 Miller Supplemental Testimony and Exhibits filed 4/28/2023. (6,686)  
**Final Gross up of Return to Pretax for Vintage 2022 (57,072)**

Note 1: Beginning Balance for NC Residential Revenue Collected have been adjusted to correct inputs from prior rider filing.

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Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Residential EE Programs Vintage 2023

NC Residential EE	Residential EE Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Revenue Collected Assigned to Program Costs	Cumulative (Over)/Under Collection of Program Costs	PPI & Lost Revenues	Revenue Collected Assigned to Incentives	Cumulative (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Cumulative (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation				
Miller Exhibit 5 pg. 5, Line 5																
2023	January	2,417,119	73.8925998%	1,786,072	1,686,234	99,838	1,486,078	1,403,009	83,069	3,272,150	3,089,243	182,907	99,838			
2023	February	4,034,251	73.8925998%	2,981,013	3,126,399	(45,548)	2,480,313	2,601,280	(37,898)	5,461,326	5,727,679	(83,445)	(83,445)			
2023	March	3,808,879	73.8925998%	2,814,479	2,775,947	(7,015)	2,341,751	2,309,690	(5,837)	5,156,230	5,085,637	(12,852)	(12,852)			
2023	April	4,224,209	73.8925998%	3,121,378	2,532,288	582,074	2,597,102	2,106,958	484,307	5,718,480	4,639,246	1,066,382	582,074			
2023	May	4,228,534	73.8925998%	3,124,574	2,223,996	1,482,652	2,599,761	1,850,447	1,233,621	5,724,335	4,074,444	2,716,273	1,482,652			
2023	June	4,112,701	73.8925998%	3,038,982	2,635,982	1,885,652	2,528,546	2,193,234	1,568,932	5,567,528	4,829,216	3,454,585	1,885,652			
2023	July	3,537,072	73.8925998%	2,613,634	3,430,607	1,068,679	2,174,640	2,854,392	889,181	4,788,275	6,285,000	1,957,860	1,068,679			
2023	August	4,937,686	73.8925998%	3,648,585	3,794,055	923,209	3,035,758	3,156,794	768,144	6,684,343	6,950,849	1,691,353	923,209			
2023	September	3,839,241	73.8925998%	2,836,915	3,544,408	215,716	2,360,418	2,949,079	179,483	5,197,333	6,493,487	395,199	215,716			
2023	October	3,499,871	73.8925998%	2,586,145	2,408,893	392,968	2,151,769	2,004,288	326,964	4,737,914	4,413,181	719,931	392,968			
2023	November	4,632,169	73.8925998%	3,422,830	2,376,586	1,439,211	2,847,921	1,977,408	1,197,477	6,270,752	4,353,994	2,636,689	1,439,211			
2023	December	4,049,876	73.8925998%	2,992,559	5,412,102	(980,332)	2,489,920	4,503,069	(815,672)	5,482,479	9,915,171	(1,796,004)	(1,796,004)			
										47,321,608	34,967,167	35,947,498	29,093,977	29,909,649	64,061,143	65,857,147
													Exhibit 4 line 5			

2023	
Program Costs to be Recovered	34,967,167
Revenue Requirement	64,061,143
% Revenue related to Program Costs	54.58%
% Revenue related to Incentives	45.42%

NC Residential EE	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax					
1/2023 - 12/2023															
6.56%															
0.766497															
2023	January	99,838	0.233503	23,312	23,312	76,526	0.005469	209	209	0.766497	273				
2023	February	(83,445)	0.233503	(42,797)	(19,485)	(63,961)	0.005469	34	244	0.766497	318				
2023	March	(12,852)	0.233503	16,484	(3,001)	(9,851)	0.005469	(202)	42	0.766497	55				
2023	April	582,074	0.233503	138,917	135,916	446,158	0.005469	1,193	1,235	0.766497	1,611				
2023	May	1,482,652	0.233503	210,288	346,204	1,136,448	0.005469	4,328	5,563	0.766497	7,257				
2023	June	1,885,652	0.233503	94,102	440,305	1,445,347	0.005469	7,060	12,623	0.766497	16,468				
2023	July	1,068,679	0.233503	(190,766)	249,540	819,139	0.005469	6,192	18,815	0.766497	24,547				
2023	August	923,209	0.233503	(33,968)	215,572	707,637	0.005469	4,175	22,990	0.766497	29,994				
2023	September	215,716	0.233503	(165,202)	50,370	165,345	0.005469	2,387	25,378	0.766497	33,109				
2023	October	392,968	0.233503	41,389	91,759	301,209	0.005469	1,276	26,653	0.766497	34,773				
2023	November	1,439,211	0.233503	244,301	336,060	1,103,151	0.005469	3,840	30,494	0.766497	39,783				
2023	December	(1,796,004)	0.233503	(755,432)	(419,372)	(1,376,632)	0.005469	(748)	29,746	0.766497	38,808				
										Checks	(419,372)	(419,372)	(1,376,632)	29,746	38,808

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Residential DSM Programs Vintage 2023

NC Residential DSM	Residential DSM Program Costs Incurred	NC Allocation %	NC Allocated DSM Program Costs	Revenue Collected Assigned to Program Costs	Total (Over)/Under Collection of Program Costs	Program Incentives	Revenue Collected Assigned to Incentives	Total (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Total (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation	2023				
													Program Costs to be Recovered	Revenue Requirement			
Miller Exhibit 5 pg. 5, Line 8													See calc. at right				
2023	January	889,445	72.9576004%	648,917	529,928	118,989	136,979	111,862	25,117	785,897	641,790	144,107	118,989				
2023	February	799,533	72.9576004%	583,320	982,525	(280,215)	123,132	207,400	(59,150)	706,453	1,189,925	(339,365)	(339,365)	Program Costs to be Recovered	16,171,515		
2023	March	643,962	72.9576004%	469,820	872,389	(682,785)	99,174	184,152	(144,128)	568,993	1,056,541	(826,913)	(826,913)	Revenue Requirement	19,585,142		
2023	April	1,409,868	72.9576004%	1,028,606	795,815	(449,995)	217,127	167,988	(94,989)	1,245,733	963,803	(544,983)	(544,983)				
2023	May	63,545	72.9576004%	46,361	698,929	(1,102,563)	9,786	147,536	(232,739)	56,147	846,465	(1,335,301)	(1,335,301)	% Revenue related to Program Costs	82.57%		
2023	June	1,163,801	72.9576004%	849,081	828,403	(1,081,884)	179,232	174,867	(228,374)	1,028,313	1,003,269	(1,310,258)	(1,310,258)	% Revenue related to Incentives	17.43%		
2023	July	3,633,380	72.9576004%	2,650,827	1,078,127	490,815	559,560	227,581	103,606	3,210,387	1,305,708	594,421	490,815				
2023	August	3,059,536	72.9576004%	2,232,164	1,192,347	1,530,632	471,185	251,691	323,099	2,703,349	1,444,038	1,853,731	1,530,632				
2023	September	2,849,959	72.9576004%	2,079,262	1,113,891	2,496,002	438,909	235,130	526,878	2,518,171	1,349,021	3,022,881	2,496,002				
2023	October	3,176,530	72.9576004%	2,317,520	757,036	4,056,486	489,203	159,802	856,279	2,806,723	916,838	4,912,765	4,056,486				
2023	November	3,251,184	72.9576004%	2,371,986	746,883	5,681,589	500,700	157,659	1,199,320	2,872,686	904,542	6,880,909	5,681,589				
2023	December	1,224,892	72.9576004%	893,652	1,700,846	4,874,395	188,640	359,030	1,082,930	1,082,292	2,059,876	5,903,325	4,874,395				
										22,165,635	16,171,515	11,297,121	3,413,627	2,384,696	19,585,142	13,681,817	Exhibit 4 line 11

NC Residential DSM	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax	1/2023 - 12/2023					
											6.56%	0.766497				
2023	January	118,989	0.233503	27,784	27,784	91,205	0.005469	249	0.766497	325						
2023	February	(339,365)	0.233503	(107,027)	(79,243)	(260,123)	0.005469	(462)	0.766497	(277)						
2023	March	(826,913)	0.233503	(113,844)	(193,087)	(633,826)	0.005469	(2,445)	0.766497	(3,467)						
2023	April	(544,983)	0.233503	65,831	(127,255)	(417,728)	0.005469	(2,876)	0.766497	(7,218)						
2023	May	(1,335,301)	0.233503	(184,542)	(311,797)	(1,023,504)	0.005469	(3,941)	0.766497	(12,360)						
2023	June	(1,310,258)	0.233503	5,848	(305,949)	(1,004,309)	0.005469	(5,545)	0.766497	(19,594)						
2023	July	490,815	0.233503	420,556	114,607	376,208	0.005469	(1,718)	0.766497	(21,835)						
2023	August	1,530,632	0.233503	242,800	357,407	1,173,225	0.005469	4,237	0.766497	(16,307)						
2023	September	2,496,002	0.233503	225,417	582,824	1,913,178	0.005469	8,440	0.766497	(5,296)						
2023	October	4,056,486	0.233503	364,378	947,202	3,109,285	0.005469	13,734	0.766497	12,622						
2023	November	5,681,589	0.233503	379,466	1,326,668	4,354,921	0.005469	20,412	0.766497	39,252						
2023	December	4,874,395	0.233503	(188,482)	1,138,186	3,736,209	0.005469	22,126	0.766497	68,118						
											Checks	1,138,186	1,138,186	3,736,209	52,212	68,118

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Non- Residential EE Programs Vintage 2023

		Non-Residential EE Program Costs	NC Allocation %	NC Allocated EE Program Costs	Revenue Collected Assigned to Program Costs	Total (Over)/Under Collection of Program Costs	PPI & Lost Revenues	Revenue Collected Assigned to Incentives	Total (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Total (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation
Miller Exhibit 5 pg 5, Line 4													
2023	January	2,921,047	73.8925998%	2,158,438	2,366,055	(207,617)	141,666	155,293	(13,627)	2,300,104	2,521,348	(221,244)	(221,244)
2023	February	3,242,086	73.8925998%	2,395,662	4,632,582	(2,444,538)	157,236	304,054	(160,444)	2,552,898	4,936,636	(2,604,982)	(2,604,982)
2023	March	7,324,756	73.8925998%	5,412,453	4,538,215	(1,570,300)	355,240	297,860	(103,065)	5,767,693	4,836,075	(1,673,365)	(1,673,365)
2023	April	3,297,763	73.8925998%	2,436,803	4,523,208	(3,656,705)	159,937	296,875	(240,004)	2,596,739	4,820,083	(3,896,709)	(3,896,709)
2023	May	2,532,653	73.8925998%	1,871,443	4,413,970	(6,199,233)	122,830	289,706	(406,879)	1,994,273	4,703,676	(6,606,112)	(6,606,112)
2023	June	2,579,422	73.8925998%	1,906,002	5,069,343	(9,362,574)	125,098	332,720	(614,501)	2,031,100	5,402,063	(9,977,075)	(9,977,075)
2023	July	4,094,896	73.8925998%	3,025,825	5,683,461	(12,020,209)	198,596	373,027	(788,932)	3,224,421	6,056,488	(12,809,141)	(12,809,141)
2023	August	3,578,556	73.8925998%	2,644,288	6,164,822	(15,540,743)	173,555	404,621	(1,019,998)	2,817,842	6,569,443	(16,560,742)	(16,560,742)
2023	September	3,969,532	73.8925998%	2,933,191	6,030,254	(18,637,807)	192,516	395,789	(1,223,270)	3,125,707	6,426,043	(19,861,078)	(19,861,078)
2023	October	3,185,202	73.8925998%	2,353,629	4,978,239	(21,262,418)	154,478	326,741	(1,395,534)	2,508,106	5,304,980	(22,657,951)	(22,657,951)
2023	November	5,082,422	73.8925998%	3,755,533	4,467,803	(21,974,687)	246,490	293,239	(1,442,283)	4,002,023	4,761,042	(23,416,970)	(23,416,970)
2023	December	4,767,455	73.8925998%	3,522,796	6,394,700	(24,846,591)	231,215	419,709	(1,630,777)	3,754,011	6,814,409	(26,477,367)	(26,477,367)
		46,575,789		34,416,061	59,262,652		2,258,857	3,889,634		36,674,919	63,152,286		

<b>2023</b>	
Program Costs to be Recovered	34,416,061
Revenue Requirement	36,674,919
% Revenue related to Program Costs	93.84%
% Revenue related to Incentives	6.16%

		Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
1/2023 - 12/2023											
							6.56%			0.766497	
2023	January	(221,244)	0.233503	(51,661)	(51,661)	(169,583)	0.005469	(464)	(464)	0.766497	(605)
2023	February	(2,604,982)	0.233503	(556,610)	(608,271)	(1,996,711)	0.005469	(5,924)	(6,388)	0.766497	(8,334)
2023	March	(1,673,365)	0.233503	217,535	(390,736)	(1,282,629)	0.005469	(8,968)	(15,355)	0.766497	(20,033)
2023	April	(3,896,709)	0.233503	(519,157)	(909,893)	(2,986,816)	0.005469	(11,675)	(27,030)	0.766497	(35,265)
2023	May	(6,606,112)	0.233503	(632,654)	(1,542,547)	(5,063,565)	0.005469	(22,014)	(49,045)	0.766497	(63,986)
2023	June	(9,977,075)	0.233503	(787,130)	(2,329,677)	(7,647,398)	0.005469	(34,759)	(83,804)	0.766497	(109,334)
2023	July	(12,809,141)	0.233503	(661,296)	(2,990,973)	(9,818,168)	0.005469	(47,761)	(131,565)	0.766497	(171,645)
2023	August	(16,560,742)	0.233503	(876,010)	(3,866,983)	(12,693,759)	0.005469	(61,561)	(193,126)	0.766497	(251,960)
2023	September	(19,861,078)	0.233503	(770,638)	(4,637,621)	(15,223,456)	0.005469	(76,342)	(269,468)	0.766497	(351,558)
2023	October	(22,657,951)	0.233503	(653,078)	(5,290,700)	(17,367,252)	0.005469	(89,122)	(358,591)	0.766497	(467,830)
2023	November	(23,416,970)	0.233503	(177,233)	(5,467,933)	(17,949,037)	0.005469	(96,576)	(455,166)	0.766497	(593,826)
2023	December	(26,477,367)	0.233503	(714,612)	(6,182,545)	(20,294,823)	0.005469	(104,581)	(559,747)	0.766497	(730,267)
Checks				(6,182,545)	(6,182,545)	(20,294,823)		(559,747)			(730,267)

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Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1305  
 Estimated Return Calculation - Non - Residential DSM Programs Vintage 2023

NC Non- Residential DSM		Non-Residential DSM Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Revenue Collected Assigned to Program Costs	Cumulative (Over)/Under Collection of Program Costs	Program Incentives	Revenue Collected Assigned to Incentives	Cumulative (Over)/Under Collection of Incentives	Total Costs	Total Revenue	Cumulative Total (Over)/Under Collection	Total (Over)/Under collection Used for Return Calculation
Miller Exhibit 5 pg. 5, Line 8													
2023	January	1,184,592	72.9576004%	864,250	500,608	363,642	174,460	101,054	73,406	1,038,709	601,662	437,047	363,642
2023	February	1,636,419	72.9576004%	1,193,892	1,020,000	537,533	241,002	205,900	108,508	1,434,894	1,225,900	646,041	537,533
2023	March	1,923,274	72.9576004%	1,403,175	1,075,102	865,606	283,248	217,023	174,733	1,686,423	1,292,125	1,040,339	865,606
2023	April	1,786,023	72.9576004%	1,303,040	1,059,035	1,109,611	263,035	213,779	223,989	1,566,074	1,272,814	1,333,600	1,109,611
2023	May	1,619,257	72.9576004%	1,181,371	1,009,077	1,281,905	238,475	203,695	258,769	1,419,846	1,212,772	1,540,673	1,281,905
2023	June	1,706,427	72.9576004%	1,244,968	1,177,886	1,348,987	251,312	237,771	272,310	1,496,280	1,415,657	1,621,297	1,348,987
2023	July	1,829,843	72.9576004%	1,335,009	1,277,783	1,406,213	269,488	257,937	283,862	1,604,498	1,535,720	1,690,074	1,406,213
2023	August	2,049,109	72.9576004%	1,494,981	1,392,557	1,508,636	301,781	281,105	304,537	1,796,762	1,673,662	1,813,174	1,508,636
2023	September	2,045,560	72.9576004%	1,492,391	1,354,439	1,646,589	301,258	273,410	332,385	1,793,649	1,627,849	1,978,973	1,646,589
2023	October	1,976,934	72.9576004%	1,442,324	1,139,637	1,949,276	291,151	230,050	393,486	1,733,475	1,369,687	2,342,762	1,949,276
2023	November	1,925,992	72.9576004%	1,405,158	1,051,136	2,303,298	283,649	212,185	464,949	1,688,806	1,263,321	2,768,247	2,303,298
2023	December	1,899,408	72.9576004%	1,385,762	1,449,340	2,239,721	279,733	292,567	452,116	1,665,496	1,741,907	2,691,836	2,239,721
		21,582,838		15,746,321	13,506,600		3,178,592	2,726,476		18,924,912	16,233,076		

2023	
Program Costs to be Recovered	15,746,321
Revenue Requirement	18,924,912
% Revenue related to Program Costs	83.20%
% Revenue related to Incentives	16.80%

NC Non-Residential DSM		Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly Deferred Income Tax	Cumulative Deferred Income Tax	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up Factor for Return	Gross up of Return to Pretax
		1/2023 - 12/2023					6.56%		0.766497		

2023	January	363,642	0.233503	84,911	84,911	278,730	0.005469	762	762	0.766497	994
2023	February	537,533	0.233503	40,604	125,516	412,018	0.005469	1,889	2,651	0.766497	3,459
2023	March	865,606	0.233503	76,606	202,122	663,484	0.005469	2,941	5,592	0.766497	7,296
2023	April	1,109,611	0.233503	56,976	259,097	850,513	0.005469	4,140	9,732	0.766497	12,697
2023	May	1,281,905	0.233503	40,231	299,329	982,576	0.005469	5,013	14,745	0.766497	19,237
2023	June	1,348,987	0.233503	15,664	314,992	1,033,994	0.005469	5,514	20,260	0.766497	26,431
2023	July	1,406,213	0.233503	13,362	328,355	1,077,858	0.005469	5,775	26,035	0.766497	33,966
2023	August	1,508,636	0.233503	23,916	352,271	1,156,365	0.005469	6,110	32,144	0.766497	41,937
2023	September	1,646,589	0.233503	32,212	384,483	1,262,105	0.005469	6,614	38,758	0.766497	50,565
2023	October	1,949,276	0.233503	70,678	455,162	1,494,114	0.005469	7,537	46,295	0.766497	60,398
2023	November	2,303,298	0.233503	82,665	537,827	1,765,471	0.005469	8,914	55,209	0.766497	72,027
2023	December	2,239,721	0.233503	(14,845)	522,981	1,716,739	0.005469	9,522	64,731	0.766497	84,450
Checks				522,981	522,981	1,716,739		64,731			84,450

Duke Energy Carolinas, LLC  
Docket Number E-7 Sub 1305  
DSM/EE Actual Revenues Collected from Years 2019-2023 (By Vintage)  
and Estimated 2024 Collections from Rider 15 (by Vintage)  
For Vintage Year 2019-2024 Estimate and True Up Calculations

			Actual 2019	Actual 2020	Actual 2021	Actual 2022	Actual 2023	Total Revenues Collected through 2023	Estimated 2024	Total
			Rider 10	Rider 11	Rider 12	Rider 13	Rider 14		Rider 15 <sup>1</sup>	
<b>Residential</b>										
Line No.		Vintage								
1	EE	Year 2019	63,652,577	5,261,547	28,854,552	485,358	260,317	98,514,352	(520,567)	97,993,785
2	EE	Year 2020		51,645,101	4,559,292	18,439,857	2,074,302	76,718,552	(1,671,401)	75,047,151
3	EE	Year 2021			64,747,858	6,405,256	(13,962,311)	57,190,803	2,478,366	59,669,169
4	EE	Year 2022				65,468,461	6,390,567	71,859,028	(4,157,600)	67,701,428
5	EE	Year 2023					65,857,147	65,857,147	6,787,155	72,644,302
6	EE	Year 2024						-	66,865,282	66,865,282
7	DSM	Year 2019	13,367,259		163,845	(1,282)	79,844	13,609,667	6,061	13,615,728
8	DSM	Year 2020		15,504,312		(3,454,550)	948,744	12,998,506	(186,668)	12,811,838
9	DSM	Year 2021			17,245,048		(2,789,086)	14,455,962	(82,496)	14,373,466
10	DSM	Year 2022				15,956,954		15,956,954	255,570	16,212,524
11	DSM	Year 2023					13,681,817	13,681,817		13,681,817
12	DSM	Year 2024						-	21,858,252	21,858,252
13	EE Interest	Year 2019			55,738	750,744	511,698	1,318,179	94,782	1,412,961
14	EE Interest	Year 2020				146,624	434,746	581,370	614,404	1,195,773
15	EE Interest	Year 2021					(427,186)	(427,186)	(1,135,558)	(1,562,744)
16	EE Interest	Year 2022						-	(657,373)	(657,373)
17	DSM Interest	Year 2019			(6,600)	(21,193)	5,935	(21,858)	(2,836)	(24,694)
18	DSM Interest	Year 2020				(73,960)	(198,174)	(272,133)	136,673	(135,461)
19	DSM Interest	Year 2021					(105,970)	(105,970)	(112,541)	(218,510)
20	DSM Interest	Year 2022						-	3,411	3,411
21	<b>Total Residential</b>		\$ 77,019,837	\$ 72,410,960	\$ 115,619,733	\$ 104,102,270	\$ 72,762,390	\$ 441,915,190	\$ 90,572,916	\$ 439,921,117
<b>Non-Residential</b>										
22	EE	Year 2019	52,862,599	8,227,202	7,474,523	(4,234,301)	1,078,209	65,408,232	(226,935)	65,181,297
23	EE	Year 2020		43,995,402	9,965,893	(6,083,152)	4,143,644	52,021,786	(456,315)	51,565,471
24	EE	Year 2021			50,564,874	13,286,874	(1,458,275)	62,393,474	3,443,925	65,837,399
25	EE	Year 2022				63,118,778	15,006,677	78,125,455	(20,662,286)	57,463,169
26	EE	Year 2023					63,152,286	63,152,286	14,155,374	77,307,660
27	EE	Year 2024						-	68,313,371	68,313,371
28	EE Interest	Year 2019			(553,659)	(275,034)	(228,890)	(1,057,583)	(8,587)	(1,066,170)
29	EE Interest	Year 2020				(327,773)	(767,827)	(1,095,600)	(672,572)	(1,768,172)
30	EE Interest	Year 2021					(580,644)	(580,644)	404,035	(176,609)
31	EE Interest	Year 2022						-	(729,929)	(729,929)
32	DSM	Year 2019	15,674,069	268,398	298,357	(247,769)	38,722	16,031,777	874	16,032,651
33	DSM	Year 2020		17,715,486	36,636	(1,881,409)	(65,853)	15,804,860	366,684	16,171,544
34	DSM	Year 2021			18,905,431	877,592	(2,782,545)	17,000,478	(1,451,500)	15,548,978
35	DSM	Year 2022				17,790,773	362,712	18,153,485	(369,493)	17,783,992
36	DSM	Year 2023					16,233,076	16,233,076		16,233,076
37	DSM	Year 2024						-	17,086,774	17,086,774
38	DSM Interest	Year 2019			(9,744)	7,619	2,253	128	(22,280)	(22,152)
39	DSM Interest	Year 2020				(53,705)	(4,377)	(58,083)	(334,398)	(392,480)
40	DSM Interest	Year 2021					(77,609)	(77,609)	84,462	6,853
41	DSM Interest	Year 2022						-	(57,072)	(57,072)
42	<b>Total Non-Residential</b>		\$ 68,536,667	\$ 70,206,488	\$ 86,682,311	\$ 81,978,493	\$ 94,051,558	\$ 401,455,518	\$ 78,864,133	\$ 480,319,651
43	<b>Total Revenue</b>		\$ 145,556,504	\$ 142,617,448	\$ 202,302,043	\$ 186,080,763	\$ 166,813,949	\$ 843,370,708	\$ 169,437,049	\$ 920,240,768

<sup>1</sup> Rider 15 estimates are based on Order issued in Docket No. E-7 Sub 1285 dated 8/29/2023

**Duke Energy Carolinas, LLC  
Docket Number E-7 Sub 1305  
Vintage Year 2019 Allocation Factors for the Period January 1, 2019 - December 31, 2019**

			<u>MWH</u>		
<b>Line No. New Mechanism Sales Allocator at Generator</b>					
1	NC Retail MWH Sales Allocation	Company Records	62,147,533		
2	SC Retail MWH Sales Allocation	Company Records	<u>22,880,788</u>		
3	Total Retail	Line 1 + Line 2	85,028,321		
 <b>Allocation 1 to state based on kWh sales</b>					
4	NC Retail	Line 1 / Line 3	<b>73.0903918%</b>		
 <b>Demand Allocators</b>					
			<u>NC</u>	<u>SC</u>	<u>Total</u>
5	Residential	Company Records	5,420,002	1,681,673	7,101,675
6	Non Residential	Company Records	<u>6,373,991</u>	<u>2,410,334</u>	<u>8,784,325</u>
7	Total	Line 5 + Line 6	11,793,993	4,092,007	15,886,000
 <b>Allocation 2 to state based on peak demand</b>					
8	NC Retail	Line 7, NC / Line 7 Total	<b>74.2414264%</b>		
 <b>Allocation 3 NC res vs non-res Peak Demand to retail system peak</b>					
9	NC Residential	Line 5 NC/ Line 7 Total	<b>34.1181040%</b>		
10	NC Non-residential	Line 6 NC/ Line 7 Total	<b>40.1233224%</b>		



**Duke Energy Carolinas, LLC**  
**Docket Number E-7 Sub 1305**  
**Vintage Year 2020 Allocation Factors for the Period January 1, 2020 - December 31, 2020**

			<u>MWH</u>		
Line No.	<b>New Mechanism Sales Allocator at Generator</b>				
1	NC Retail MWH Sales Allocation	Company Records	61,250,523		
2	SC Retail MWH Sales Allocation	Company Records	<u>22,400,744</u>		
3	Total Retail	Line 1 + Line 2	83,651,267		
<b>Allocation 1 to state based on kWh sales</b>					
4	NC Retail	Line 1 / Line 3	<b>73.2212736%</b>		
<b>Demand Allocators</b>			<u>NC</u>	<u>SC</u>	<u>Total</u>
5	Residential	Company Records	5,410,460	1,632,146	7,042,606
6	Non Residential	Company Records	<u>6,495,667</u>	<u>2,508,727</u>	<u>9,004,394</u>
7	Total	Line 5 + Line 6	11,906,127	4,140,873	16,047,000
<b>Allocation 2 to state based on peak demand</b>					
8	NC Retail	Line 7, NC / Line 7 Total	<b>74.1953449%</b>		
<b>Allocation 3 NC res vs non-res Peak Demand to retail system peak</b>					
9	NC Residential	Line 5 NC/ Line 7 Total	<b>33.7163333%</b>		
10	NC Non-residential	Line 6 NC/ Line 7 Total	<b>40.4790117%</b>		

**Duke Energy Carolinas, LLC  
Docket Number E-7 Sub 1305  
Vintage Year 2021 Allocation Factors for the Period January 1, 2021 - December 31, 2021**

			<u>MWH</u>		
<b>Line No. New Mechanism Sales Allocator at Generator</b>					
1	NC Retail MWH Sales Allocation	Company Records	59,254,276		
2	SC Retail MWH Sales Allocation	Company Records	<u>21,338,163</u>		
3	Total Retail	Line 1 + Line 2	80,592,439		
 <b>Allocation 1 to state based on kWh sales</b>					
4	NC Retail	Line 1 / Line 3	<b>73.5233682%</b>		
 <b>Demand Allocators</b>					
			<u>NC</u>	<u>SC</u>	<u>Total</u>
5	Residential	Company Records	5,482,921	1,710,195	7,193,116
6	Non Residential	Company Records	<u>6,182,851</u>	<u>2,313,033</u>	<u>8,495,884</u>
7	Total	Line 5 + Line 6	11,665,772	4,023,228	15,689,000
 <b>Allocation 2 to state based on peak demand</b>					
8	NC Retail	Line 7, NC / Line 7 Total	<b>74.3563771%</b>		
 <b>Allocation 3 NC res vs non-res Peak Demand to retail system peak</b>					
9	NC Residential	Line 5 NC/ Line 7 Total	<b>34.9475492%</b>		
10	NC Non-residential	Line 6 NC/ Line 7 Total	<b>39.4088278%</b>		

**Duke Energy Carolinas, LLC**  
**Docket Number E-7 Sub 1305**  
**Vintage Year 2022 Allocation Factors for the Period January 1, 2022 - December 31, 2022**

			<u>MWH</u>		
Line No.	<b>New Mechanism Sales Allocator at Generator</b>				
1	NC Retail MWH Sales Allocation	Company Records	61,896,779		
2	SC Retail MWH Sales Allocation	Company Records	21,869,091		
3	Total Retail	Line 1 + Line 2	83,765,870		
<b>Allocation 1 to state based on kWh sales</b>					
4	NC Retail	Line 1 / Line 3	<b>73.8925998%</b>		
<b>Demand Allocators</b>			<u>NC</u>	<u>SC</u>	<u>Total</u>
5	Residential	Company Records	5,400,475	1,733,638	7,134,113
6	Non Residential	Company Records	6,080,133	2,521,754	8,601,887
7	Total	Line 5 + Line 6	11,480,608	4,255,392	15,736,000
<b>Allocation 2 to state based on peak demand</b>					
8	NC Retail	Line 7, NC / Line 7 Total	<b>72.9576004%</b>		
<b>Allocation 3 NC res vs non-res Peak Demand to retail system peak</b>					
9	NC Residential	Line 5 NC/ Line 7 Total	<b>34.3192361%</b>		
10	NC Non-residential	Line 6 NC/ Line 7 Total	<b>38.6383643%</b>		

**Duke Energy Carolinas, LLC**  
**Docket Number E-7 Sub 1305**  
**Vintage Year 2022 Allocation Factors for the Period January 1, 2023 - December 31, 2025**

			MWH		
<b>Line No. New Mechanism Sales Allocator at Generator</b>					
1	NC Retail MWH Sales Allocation	Company Records	61,896,779		
2	SC Retail MWH Sales Allocation	Company Records	21,869,091		
3	Total Retail	Line 1 + Line 2	83,765,870		
<b>Allocation 1 to state based on kWh sales</b>					
4	NC Retail	Line 1 / Line 3	<b>73.8925998%</b>		
<b>Demand Allocators</b>					
			NC	SC	Total
5	Residential	Company Records	5,400,475	1,733,638	7,134,113
6	Non Residential	Company Records	6,080,133	2,521,754	8,601,887
7	Total	Line 5 + Line 6	11,480,608	4,255,392	15,736,000
<b>Allocation 2 to state based on peak demand</b>					
8	NC Retail	Line 7, NC / Line 7 Total	<b>72.9576004%</b>		
<b>Allocation 3 NC res vs non-res Peak Demand to retail system peak</b>					
9	NC Residential	Line 5 NC/ Line 7 Total	<b>34.3192361%</b>		
10	NC Non-residential	Line 6 NC/ Line 7 Total	<b>38.6383643%</b>		

Note: The Company received a waiver and did not file a cost of service study in 2023. Therefore, the same allocation factors are used for Vintages 2022 and Vintage 2023.

**Duke Energy Carolinas, LLC**  
**Docket Number E-7 Sub 1305**  
**Forecasted 2025 kWh Sales for Rate Period for Vintage Years 2019-2025**

<b>Fall 2023 Sales Forecast - kWhs</b>		<b>Forecasted 2025 sales</b>		
<b>North Carolina Retail:</b>				
Line No.				
1	Residential	<b>22,720,780,403</b>		
2	Non-Residential	<b>36,766,930,754</b>		
3	Total Retail	<b>59,487,711,157</b>		
	<b>NC Opt Out Sales</b>	<b>Total Usage</b>	<b>Opt-Outs</b>	<b>Net Usage</b>
	Vintage 2019 Actual Opt Out			
4	EE	36,766,930,754	19,189,678,135	17,577,252,619
5	DSM	36,766,930,754	17,682,685,537	19,084,245,217
	Vintage 2020 Actual Opt Out			
6	EE	36,766,930,754	19,651,237,778	17,115,692,977
7	DSM	36,766,930,754	17,595,414,175	19,171,516,579
	Vintage 2021 Actual Opt Out			
8	EE	36,766,930,754	19,585,122,462	17,181,808,293
9	DSM	36,766,930,754	17,582,015,992	19,184,914,762
	Vintage 2022 Actual Opt Out			
10	EE	36,766,930,754	19,412,480,051	17,354,450,704
11	DSM	36,766,930,754	17,407,266,220	19,359,664,534
	Vintage 2023 Actual Opt Out			
12	EE	36,766,930,754	19,259,240,760	17,507,689,994
13	DSM	36,766,930,754	17,302,573,335	19,464,357,420
	Vintage 2024 Estimated Opt Out			
14	EE	36,766,930,754	20,182,882,109	16,584,048,645
15	DSM	36,766,930,754	17,905,057,855	18,861,872,899
	Vintage 2025 Estimated Opt Out			
16	EE	36,766,930,754	20,182,882,109	16,584,048,645
17	DSM	36,766,930,754	17,905,057,855	18,861,872,899