

Duke Energy Carolinas, LLC  
 Docket Number E-7 Sub 1285  
 True Up of Lost Revenues for Vintage Year 2018

**RESIDENTIAL**  
**Energy Efficiency Programs**

Line

Reference	E-7 Sub 1130	E-7 Sub 1164	E-7 Sub 1192	E-7 Sub 1192	E-7 Sub 1230	E-7 Sub 1230	E-7 Sub 1249	E-7 Sub 1265	E-7 Sub 1285	Year 2018
	Rider 9 Year 1 Estimate	Year 2018 Yr 2 LR Estimate	Rider 11 True up	Year 2018 Year 3 Estimate	Rider 12 True Up	Year 2018 Yr 4 LR Estimate	Rider 13 True up	Rider 14 True up	Rider 15 True up	
1 Residential EE Program Cost			14,606,717		\$ (0)		\$ -	\$ -	\$ -	\$ 56,230,326
2 Residential EE Earned Utility Incentive			4,154,068		140,649		(22,279)	157,616	(39,495)	9,901,824
3 Return on overcollection of Residential EE Program Costs			244,540		1,024,850		750,744	(2,580)	(104,676)	1,912,878
4 Total EE Program Cost and Incentive Components			19,005,325		1,165,498		728,465	155,036	(144,170)	68,045,027
5 Residential DSM Program Cost			(124,238)		0		-	-	-	9,778,895
6 Residential DSM Earned Utility Incentive			17,215		(5,581)		(289)	573	(297)	2,581,546
7 Return on undercollection of Residential DSM Program Costs			(28,626)		(40,884)		(21,193)	18,109	(17,995)	(90,588)
8 Total DSM Program Cost and Incentive Components			(135,646)		(46,465)		(21,481)	18,682	(18,292)	12,269,853
9 Total EE/DSM Program Cost and Incentive Components			18,869,679		1,119,034		706,984	173,718	(162,463)	80,314,880
10 Revenue-related taxes and regulatory fees factor **			1,001,352		1,001,302		1,001,352	1,001,402	1,001,402	
11 Total EE/DSM Program Cost and Incentive Revenue Requirement			18,895,191		1,120,491		707,940	173,962	(162,691)	80,426,391
12 Residential Net Lost Revenues		6,294,025	894,901	9,715,212	1,534,156	-	2,310,499	(86,953)	(194,096)	40,080,462
13 Total Residential EE/DSM Revenue Requirement			19,790,092	9,715,212	2,654,647		3,018,439	87,009	(356,786)	120,506,852
14 Total Collected for Vintage Year 2018 (through estimated Rider 15)		6,294,025								120,902,668
15 <b>Total Residential EE/DSM Revenue Requirement</b>										<b>\$ (395,816)</b>

Note: No prospective Year 4 lost revenue is included in this exhibit because the rate case test period was extended for residential customers.

See Listebarger Exhibit A for rate

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

Line

Reference	E-7 Sub 1130	E-7 Sub 1164	E-7 Sub 1192	E-7 Sub 1192	E-7 Sub 1230	E-7 Sub 1230	E-7 Sub 1249	E-7 Sub 1265	E-7 Sub 1285	Year 2018
	Rider 9 Year 1 Estimate	Year 2018 Yr 2 LR Estimate	Rider 11 True up	Year 2018 Year 3 Estimate	Rider 12 True Up	Year 2018 Yr 4 LR Estimate	Rider 13 True up	Rider 14 True up	Rider 15 True up	
16 Non-Residential EE Program Cost			(3,317,005)		0		-	-	-	37,275,944
17 Non-Residential EE Earned Utility Incentive			2,818,045		(25,396)		(2,366)	-	(10,650)	14,402,832
18 Return on undercollection of Non-residential EE Program Costs			461,049		592,305		407,815	49,904	(54,943)	1,456,132
19 Total EE Program Cost and Incentive Components			(37,911)		566,910		405,450	49,904	(65,593)	53,134,908
20 Revenue-related taxes and regulatory fees factor			1,001,352		1,001,302		1,001,352	1,001,402	1,001,402	
21 Total Non-Residential EE Program Cost & Incentive Revenue Requirements			(37,962)		567,648		405,998	49,974	(65,685)	53,209,328
22 Non-Residential Net Lost Revenues		12,285,044	2,933,863	9,507,185	(1,090,744)	2,182,027	(2,020,437)	(47,064)	(3,539,044)	25,378,082
23 Total Non-Residential EE Revenue Requirement			2,895,901	9,507,185	(523,097)	2,182,027	(1,614,439)	2,910	(3,604,729)	78,587,410
24 Total Collected for Vintage Year 2018 (through estimated Rider 15)		12,285,044								78,609,094
25 Non-Residential EE Revenue Requirement										(21,684)
26 Projected NC Residential Sales (kWh)										17,157,930,277
27 <b>NC Non-Residential EE billing factor (Cents/kWh)</b>										<b>(0.0001)</b>

**DSM Programs**

Line

Reference	E-7 Sub 1130	E-7 Sub 1192	E-7 Sub 1230	E-7 Sub 1249	E-7 Sub 1265	E-7 Sub 1285	Year 2018
	Rider 9 Year 1 Estimate	Rider 11 True up	Rider 12 True Up	Rider 13 True up	Rider 14 True up	Rider 15 True up	
28 Non-Residential DSM Program Cost		651,281	(0)		-	-	12,611,170
29 Non-Residential DSM Earned Utility Incentive		232,789	(7,197)		(372)	739	3,329,242
30 Return on undercollection of Non-residential DSM Program Costs		37,743	76,651		54,598	40,422	178,101
31 Total Non-Residential DSM Program Cost and Incentive Components		921,813	69,454		54,225	41,161	16,118,513
32 Revenue-related taxes and regulatory fees factor		1,001,352	1,001,302		1,001,352	1,001,402	
33 Total Non-Residential DSM Revenue Requirement		923,059	69,544		54,299	41,219	16,141,055
34 Total Collected for Vintage Year 2018 (through estimated Rider 15)							16,137,969
35 Non-Residential EE Revenue Requirement True-up Amount							3,086
36 Projected NC Non-Residential Sales (kWh)							18,516,675,854
37 <b>NC Non-Residential DSM billing factor</b>							<b>-</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 1285  
 True Up of Year 1, 2, 3 and 4 Lost Revenues for Vintage Year 2019

**RESIDENTIAL  
 Energy Efficiency Programs**

Line	Reference	E-7 Sub 1164	E-7 Sub 1192	E-7 Sub 1230	E-7 Sub 1230	E-7 Sub 1249	E-7 Sub 1249	E-7 Sub 1265	E-7 Sub 1285	Year 2019
		Rider 10 Year 1 Estimate	Year 2019 Yr 2 LR Estimate	Rider 12 True up	Year 2019 Yr 3 LR Estimate	Rider 13 True up	Year 2020 Yr 4 LR Estimate	Rider 14 True up	Rider 15 True up	
1	Residential EE Program Cost									
	Fields Exhibit 1 pg. 4, Line 9 * NC Alloc. Factor	\$ 41,002,874		\$ 13,243,503		\$ (0)		\$ 0	\$ -	\$ 54,246,377
2	Residential EE Earned Utility Incentive									
	Fields Exhibit 1 pg. 4, Line 9 * NC Alloc. Factor	3,801,819		3,296,056		(124,962)		90,385	(34,414)	7,028,884
3	Return on undercollection of Residential EE Program Costs									
	Listebarger Exhibit 3 pg 7			55,738		750,744		511,698	(195)	1,317,985
4	Total EE Program Cost and Incentive Components									
	Line 1 + Line 2 + Line 3	44,804,694		16,595,296		625,782		602,083	(34,609)	62,593,246
5	Residential DSM Program Cost									
	Fields Exhibit 1 pg. 4, Line 10 + Line 26 * NC Alloc. Factor	10,577,352		(308,751)		(0)		(0)	-	10,268,601
6	Residential DSM Earned Utility Incentive									
	Fields Exhibit 1 pg. 4, Line 10 + Line 26 * NC Alloc. Factor	2,773,086		541,821		0		26,383	(205)	3,341,085
7	Return on undercollection of Residential DSM Program Costs									
	Listebarger Exhibit 3 pg 8			(6,600)		(21,193)		5,935	2,555	(19,302)
8	Total DSM Program Cost and Incentive Components									
	Line 5 + Line 6 + Line 7	13,350,438		226,469		(21,193)		32,318	2,351	13,590,384
9	Total EE/DSM Program Cost and Incentive Components									
	Line 4 + Line 8	58,155,132		16,821,766		604,589		634,402	(32,258)	76,183,630
10	Revenue-related taxes and regulatory fees factor **									
	Listebarger Exhibit 2, pg. 8	1,001,402		1,001,352		1,001,352		1,001,402	1,001,402	
11	Total EE/DSM Program Cost and Incentive Revenue Requirement									
	Line 9 * Line 10	58,236,665		16,844,509		605,406		635,291	(32,304)	76,289,568
12	Residential Net Lost Revenues									
	Fields Exhibit 2 pg 1 - 9	18,783,204	5,232,466	6,704,043	5,292,331	(1,623,869)	2,233,068	236,622	(80,649)	36,777,216
13	Total Residential EE/DSM Revenue Requirement									
	Line 11 + Line 12	77,019,869	5,232,466	23,548,552	5,292,331	(1,018,463)	2,233,068	871,913	(112,953)	113,066,783
14	Total Collected for Vintage Year 2019 (through estimated Rider 15)									
	Listebarger Exhibit 4, Line 2									113,489,344
15	<b>Total Residential EE/DSM Revenue Requirement</b>									<b>\$ (422,560)</b>

See Listebarger Exhibit A for rate

**NON-RESIDENTIAL  
 Energy Efficiency Programs**

Line	Reference	E-7 Sub 1164	E-7 Sub 1192	E-7 Sub 1230	E-7 Sub 1230	E-7 Sub 1249	E-7 Sub 1249	E-7 Sub 1265	E-7 Sub 1285	Year 2019
		Rider 10 Year 1 Estimate	Year 2019 Yr 2 LR Estimate	Rider 12 True up	Year 2019 Yr 3 LR Estimate	Rider 13 True up	Year 2020 Yr 4 LR Estimate	Rider 14 True up	Rider 15 True up	
16	Non-Residential EE Program Cost									
	Fields Exhibit 1 pg. 4, Line 23 * NC Alloc. Factor	41,671,833		(8,698,625)		-		0	(0)	32,973,208
17	Non-Residential EE Earned Utility Incentive									
	Fields Exhibit 1 pg. 4, Line 23 * NC Alloc. Factor	8,464,629		1,873,850		759,937		(0)	249,134	11,347,550
18	Return on undercollection of Non-residential EE Program Costs									
	Listebarger Exhibit 3 page 9			(553,659)		(275,034)		(228,890)	(78,141)	(1,135,724)
19	Total EE Program Cost and Incentive Components									
	Line 16 + Line 17 + Line 18	50,136,462		(7,378,434)		484,904		(228,890)	170,992	43,185,034
20	Revenue-related taxes and regulatory fees factor									
	Listebarger Exhibit 2, pg. 8	1,001,402		1,001,352		1,001,352		1,001,402	1,001,402	
21	Total Non-Residential EE Program Cost and Incentive Revenue Requirements									
	Line 19 * Line 20	50,206,753		(7,388,410)		485,559		(229,211)	171,232	43,245,924
22	Non-Residential Net Lost Revenues									
	Fields Exhibit 2 pg 1 - 9	5,590,446	8,746,000	452,216	10,794,655	(8,183,962)	2,074,187	874,289	663,225	21,011,055
23	Total Non-Residential EE Revenue Requirement									
	Line 21 + Line 22	55,797,199	8,746,000	(6,936,194)	10,794,655	(7,698,403)	2,074,187	645,078	834,456	64,256,979
24	Total Collected for Vintage Year 2019 (through estimated Rider 15)									
	Listebarger Exhibit 4, Line 9									64,492,500
25	Non-Residential EE Revenue Requirement									
	Line 23 - Line 24									(235,521)
26	Projected NC Residential Sales (kWh)									
	Listebarger Exhibit 6, Line 6									17,136,255,406
27	<b>NC Non-Residential EE billing factor (Cents/kWh)</b>									<b>(0.0014)</b>

**DSM Programs**

Line	Reference	E-7 Sub 1164	E-7 Sub 1230	E-7 Sub 1249	E-7 Sub 1265	E-7 Sub 1285	Year 2019
		Rider 10 Year 1 Estimate	Rider 12 True up	Rider 13 True up	Rider 14 True up	Rider 15 True up	
28	Non-Residential DSM Program Cost						
	Fields Exhibit 1 pg. 4, Line 10 + Line 26 * NC Alloc. Factor	12,538,168	(462,163)	-	(0)	-	12,076,005
29	Non-Residential DSM Earned Utility Incentive						
	Fields Exhibit 1 pg. 4, Line 10 + Line 26 * NC Alloc. Factor	3,287,157	611,215	-	31,027	(241)	3,929,159
30	Return on undercollection of Non-residential DSM Program Costs						
	Listebarger Exhibit 3 page 10	-	(9,744)	7,619	2,253	(545)	(417)
31	Total Non-Residential DSM Program Cost and Incentive Components						
	Line 28 + Line 29 + Line 30	15,825,325	139,308	7,619	33,279	(786)	16,004,746
32	Revenue-related taxes and regulatory fees factor						
	Listebarger Exhibit 2, pg. 8	1,001,402	1,001,352	1,001,352	1,001,402	1,001,402	
33	Total Non-Residential DSM Revenue Requirement						
	Line 31 * Line 32	15,847,512	139,497	7,630	33,326	(787)	16,027,178
34	Total Collected for Vintage Year 2019 (through estimated Rider 15)						
	Listebarger Exhibit 4 Line 15						16,048,584
35	Non-Residential EE Revenue Requirement True-up Amount						
	Line 33 - Line 34						(21,406)
36	Projected NC Non-Residential Sales (kWh)						
	Listebarger Exhibit 6, Line 7						18,570,220,915
37	<b>NC Non-Residential DSM billing factor</b>						<b>(0.0001)</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 1285  
 True Up of Year 1, 2 and 3 Lost Revenues for Vintage Year 2020

**RESIDENTIAL**  
**Energy Efficiency Programs**

Line	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	Year 2020
1	Residential EE Program Cost Fields Exhibit 1 pg. 5, Line 9 * NC Alloc. Factor	\$ 33,551,578		\$ 4,000,501		\$ -		\$ -	\$ 37,552,079
2	Residential EE Earned Utility Incentive Fields Exhibit 1 pg. 5, Line 9 * NC Alloc. Factor	3,173,534		1,218,929		90,910		(38,754)	4,444,619
3	Return on undercollection of Residential EE Program Costs Listebarger Exhibit 3 pg 11			146,624		434,746		(256,724)	324,646
4	Total EE Program Cost and Incentive Components Line 1 + Line 2 + Line 3	36,725,112		5,366,054		525,656		(295,478)	42,321,344
5	Residential DSM Program Cost Fields Exhibit 1 pg. 5, 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. 5, Line 10 + Line 26 * NC Alloc. Factor	3,189,876		7,301		14,471		(21)	3,211,627
7	Return on overcollection of Residential DSM Program Costs Listebarger Exhibit 3 pg 12			(73,960)		(198,174)		(119,312)	(391,446)
8	Total DSM Program Cost and Incentive Components Line 5 + Line 6 + Line 7	15,433,268		(2,421,975)		(183,703)		(119,333)	12,708,256
9	Total EE/DSM Program Cost and Incentive Components Line 4 + Line 8	52,158,380		2,944,078		341,953		(414,812)	55,029,600
10	Revenue-related taxes and regulatory fees factor ** Listebarger Exhibit 2, pg. 8	1.001402		1.001352		1.001402		1.001402	
11	Total EE/DSM Program Cost and Incentive Revenue Requirement Line 9 * Line 10	52,231,506		2,948,059		342,433		(415,393)	55,106,604
12	Residential Net Lost Revenues Fields Exhibit 2 pg. 1-9	14,667,095	4,495,479	6,588,261	5,386,818	609,516	2,568,275	(362,420)	33,953,624
13	Total Residential EE/DSM Revenue Requirement Line 11 + Line 12	66,898,601	4,495,479	9,536,320	5,386,818	951,949	2,568,275	(777,813)	89,059,629
14	Total Collected for Vintage Year 2020 (through estimated Rider 15) Listebarger Exhibit 4, Line 3								90,166,622
15	<b>Total Residential EE/DSM Revenue Requirement</b> Line 13 - Line 14								<b>\$ (1,106,993)</b>

See Listebarger Exhibit A for rate

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

Line	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	Year 2020
16	Non-Residential EE Program Cost Fields Exhibit 1 pg. 5, 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. 5, Line 23 * NC Alloc. Factor	10,010,194		(2,909,256)		98,425		(76,329)	7,123,034
18	Return on overcollection of Non-residential EE Program Costs Listebarger Exhibit 3 page 13			(327,773)		(767,827)		(62,127)	(1,157,726)
19	Total EE Program Cost and Incentive Components Line 16 + Line 17 + Line 18	47,718,271		(18,918,263)		(669,402)		(138,456)	27,992,151
20	Revenue-related taxes and regulatory fees factor Listebarger Exhibit 2, pg. 8	1.001402		1.001352		1.001402		1.001402	
21	Total Non-Residential EE Program Cost and Incentive Revenue Requirements Line 19 * Line 20	47,785,172		(18,943,841)		(670,341)		(138,650)	28,032,342
22	Non-Residential Net Lost Revenues Fields Exhibit 2 pg. 1 - 9	5,183,193	9,376,721	(4,169,004)	6,802,676	1,081,898	3,845,961	(61,096)	22,060,349
23	Total Non-Residential EE Revenue Requirement Line 21 + Line 22	52,968,365	9,376,721	(23,112,845)	6,802,676	411,558	3,845,961	(199,745)	50,092,691
24	Total Collected for Vintage Year 2020 (through estimated Rider 15) Listebarger Exhibit 4 Line 10								51,221,578
25	Non-Residential EE Revenue Requirement Line 23 - Line 24								(1,128,887)
26	Projected NC Residential Sales (kWh) Listebarger Exhibit 6, Line 8								16,575,789,097
27	<b>NC Non-Residential EE billing factor (Cents/kWh)</b> Line 25/Line 26*100								<b>(0.0068)</b>

**DSM Programs**

Line	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	Year 2020
28	Non-Residential DSM Program Cost Fields Exhibit 1 pg. 5, Line 10 + Line 26 * NC Alloc. Factor	15,789,462	(3,918,078)	-	(0)	11,871,383
29	Non-Residential DSM Earned Utility Incentive Fields Exhibit 1 pg. 5, Line 10 + Line 26 * NC Alloc. Factor	4,113,764	(275,311)	17,373	(25)	3,855,801
30	Return on overcollection of Non-residential DSM Program Costs Listebarger Exhibit 3 page 14	-	(53,705)	(4,377)	124,794	66,712
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	15,793,896
32	Revenue-related taxes and regulatory fees factor Listebarger Exhibit 2, pg. 10	1.001402	1.001352	1.001402	1.001402	
33	Total Non-Residential DSM Revenue Requirement Line 31 * Line 32	19,931,130	(4,252,837)	13,014	124,944	15,816,251
34	Total Collected for Vintage Year 2020 (through estimated Rider 15) Listebarger Exhibit 4 Line 14					15,783,965
35	Non-Residential EE Revenue Requirement True-up Amount Line 33- Line 34					32,287
36	Projected NC Non-Residential Sales (kWh) Listebarger Exhibit 6 Line 9					18,635,398,667
37	<b>NC Non-Residential DSM billing factor</b> Line 35/Line 36*100					<b>0.0002</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 1285  
 Estimated Year 4 Lost Revenue and True Up of Year 1 and 2 for Vintage Year 2021

**RESIDENTIAL  
 Energy Efficiency Programs**

Line	Reference	Year 2021 Yr 4 LR Estimate
1	Residential EE Program Cost Fields Exhibit 1 pg. 6, Line 9 * NC Alloc. Factor	
2	Residential EE Earned Utility Incentive Fields Exhibit 1 pg. 6, Line 9 * NC Alloc. Factor	
3	Return on undercollection of Residential EE Program Costs Listebarger Exhibit 3 pg 15	
4	Total EE Program Cost and Incentive Components Line 1 + Line 2 + Line 3	
5	Residential DSM Program Cost Fields Exhibit 1 pg. 6, Line 10 + Line 26 * NC Alloc. Factor	
6	Residential DSM Earned Utility Incentive Fields Exhibit 1 pg. 6, Line 10 + Line 26 * NC Alloc. Factor	
7	Return on overcollection of Residential DSM Program Costs Listebarger Exhibit 3 pg 16	
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 ** Listebarger 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. 1-9	\$ 1,915,275
13	Total Residential EE/DSM Revenue Requirement Line 11 + Line 12	1,915,275
14	Total Collected for Vintage Year 2021 (through estimated Rider 15) Listebarger Exhibit 4, Line 4	
15	<b>Total Residential EE/DSM Revenue Requirement</b> Line13 - Line 14	<b>\$ 1,915,275</b>

E-7 Sub 1230 Rider 12 Year 1 Estimate	E-7 Sub 1249 Year 2021 Yr 2 LR Estimate	E-7 Sub 1265 Rider 14 True up	E-7 Sub 1265 Year 2021 Yr 3 LR Estimate	E-7 Sub 1285 Rider 15 True up	Year 2021
\$ 37,155,471		\$ (10,923,999)		\$ -	\$ 26,231,472
2,774,995		(244,088)		(254,158)	2,276,749
		(427,186)		(998,375)	(1,425,561)
39,930,466		(11,595,273)		(1,252,534)	27,082,659
13,699,485		(2,210,071)		-	11,489,414
3,521,313		(751,140)		-	2,770,173
		(105,970)		(194,724)	(300,693)
17,220,797		(3,067,180)		(194,724)	13,958,894
57,151,264		(14,662,453)		(1,447,257)	41,041,553
1,001302		1,001402		1,001402	
57,225,674		(14,683,010)		(1,449,286)	41,093,378
25,205,298	6,249,665	(8,091,427)	3,959,003	837,374	28,159,914
82,430,973	6,249,665	(22,774,437)	3,959,003	(611,912)	69,253,292
					70,020,796
					<b>\$ (767,503)</b>

See Listebarger Exhibit A for rate

**NON-RESIDENTIAL  
 Energy Efficiency Programs**

Line	Reference	Year 2021 Yr 4 LR Estimate
16	Non-Residential EE Program Cost Fields Exhibit 1 pg. 6, Line 23 * NC Alloc. Factor	
17	Non-Residential EE Earned Utility Incentive Fields Exhibit 1 pg. 6, Line 23 * NC Alloc. Factor	
18	Return on overcollection of Non-residential EE Program Costs Listebarger Exhibit 3 page 17	
19	Total EE Program Cost and Incentive Components Line 16 + Line 17 + Line 18	
20	Revenue-related taxes and regulatory fees factor Listebarger 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. 1-9	5,211,948
23	Total Non-Residential EE Revenue Requirement Line 21 + Line 22	5,211,948
24	Total Collected for Vintage Year 2021 (through estimated Rider 15) Listebarger Exhibit 4 Line 11	
25	Non-Residential EE Revenue Requirement Line 23 - Line 24	5,211,948
26	Projected NC Residential Sales (kWh) Listebarger Exhibit 6, Line 10	16,652,048,700
27	<b>NC Non-Residential EE billing factor (Cents/kWh)</b> Line 25/Line 26*100	<b>0.0313</b>

E-7 Sub 1230 Rider 12 Year 1 Estimate	E-7 Sub 1249 Year 2021 Yr 2 LR Estimate	E-7 Sub 1265 Rider 14 True up	E-7 Sub 1265 Year 2021 Yr 3 LR Estimate	E-7 Sub 1285 Rider 15 True up	Year 2021
38,264,959		(8,510,352)		(2)	29,754,605
8,888,527		(1,494,004)		(196,113)	7,198,410
		(580,644)		(1,786,904)	(2,367,548)
47,153,486		(10,585,000)		(1,983,019)	34,585,467
1,001302		1,001402		1,001402	
47,214,880		(10,599,840)		(1,985,799)	34,629,241
6,360,715	13,494,665	(4,819,745)	10,003,040	414,021	25,452,696
53,575,595	13,494,665	(15,419,585)	10,003,040	(1,571,778)	60,081,937
					61,445,924
					(1,363,988)
					16,652,048,700
					<b>(0.0082)</b>

**DSM Programs**

Line	Reference	Year 2021 Yr 4 LR Estimate
28	Non-Residential DSM Program Cost Fields Exhibit 1 pg. 6, Line 10 + Line 26 * NC Alloc. Factor	
29	Non-Residential DSM Earned Utility Incentive Fields Exhibit 1 pg. 6, Line 10 + Line 26 * NC Alloc. Factor	
30	Return on overcollection of Non-residential DSM Program Costs Listebarger Exhibit 3 page 18	
31	Total Non-Residential DSM Program Cost and Incentive Components Line 28 + Line 29 + Line 30	
32	Revenue-related taxes and regulatory fees factor Listebarger Exhibit 2, pg. 8	
33	Total Non-Residential DSM Revenue Requirement Line 31 * Line 32	
34	Total Collected for Vintage Year 2021 (through estimated Rider 15) Listebarger Exhibit 4 Line 17	
35	Non-Residential EE Revenue Requirement True-up Amount Line 33- Line 34	
36	Projected NC Non-Residential Sales (kWh) Listebarger Exhibit 6 Line 11	
37	<b>NC Non-Residential DSM billing factor</b> Line 35/Line 36*100	

E-7 Sub 1230 Rider 12 Year 1 Estimate	E-7 Sub 1265 Rider 14 True up	E-7 Sub 1285 Rider 15 True up	Year 2021
16,110,767	(3,154,656)	-	12,956,111
4,141,109	(1,017,305)	-	3,123,804
-	(77,609)	(488,760)	(566,369)
20,251,876	(4,249,570)	(488,760)	15,513,545
1,001302	1,001402	1,001402	
20,278,244	(4,255,528)	(489,446)	15,533,270
			16,900,308
			(1,367,038)
			18,677,101,757
			<b>(0.0073)</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 1285  
 Estimated Year 3 Lost Revenue and True Up of Year 1 for Vintage Year 2022

**RESIDENTIAL  
 Energy Efficiency Programs**

Line	Reference	Year 2022 Yr 3 LR Estimate
1	Residential EE Program Cost Fields Exhibit 1 pg. 7, Line 10 * NC Alloc. Factor	
2	Residential EE Earned Utility Incentive Fields Exhibit 1 pg. 7, Line 10 * NC Alloc. Factor	
3	Return on undercollection of Residential EE Program Costs Listebarger Exhibit 3 pg 19	
4	Total EE Program Cost and Incentive Components Line 1 + Line 2 + Line 3	
5	Residential DSM Program Cost Fields Exhibit 1 pg. 7, Line 11 * NC Alloc. Factor	
6	Residential DSM Earned Utility Incentive Fields Exhibit 1 pg. 7, Line 11 * NC Alloc. Factor	
7	Return on overcollection of Residential DSM Program Costs Listebarger Exhibit 3 pg 20	
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 ** Listebarger 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. 1-9	\$ 4,813,237
13	Total Residential EE/DSM Revenue Requirement Line 11 + Line 12	4,813,237
14	Total Collected for Vintage Year 2022 (through estimated Rider 15) Listebarger Exhibit 4, Line 5	
15	<b>Total Residential EE/DSM Revenue Requirement</b> Line 13 - Line 14	<b>\$ 4,813,237</b>

E-7 Sub 1249	E-7 Sub 1265	E-7 Sub 1285	Year 2022
Rider 13 Year 1 Estimate	Year 2022 Yr 2 LR Estimate	Rider 15 True up	
\$ 39,429,805		\$ (7,839,025)	\$ 31,590,780
3,287,459		755,071	4,042,529
		(258,641)	(258,641)
42,717,264		(7,342,595)	35,374,668
12,587,919		416,918	13,004,838
2,954,061		485,715	3,439,776
		(14,865)	(14,865)
15,541,981		887,768	16,429,749
58,259,244		(6,454,828)	51,804,417
1,001,352		1,001,402	
58,338,011		(6,463,877)	51,874,134
21,026,409	6,791,458	(401,930)	27,415,937
79,364,420	6,791,458	(6,865,807)	79,290,071
			88,216,873
			<b>\$ (8,926,802)</b>

See Listebarger Exhibit A for rate

**NON-RESIDENTIAL  
 Energy Efficiency Programs**

Line	Reference	Year 2022 Yr 3 LR Estimate
16	Non-Residential EE Program Cost Fields Exhibit 1 pg. 7, Line 24 * NC Alloc. Factor	
17	Non-Residential EE Earned Utility Incentive Fields Exhibit 1 pg. 7, Line 24 * NC Alloc. Factor	
18	Return on overcollection of Non-residential EE Program Costs Listebarger Exhibit 3 page 21	
19	Total EE Program Cost and Incentive Components Line 16 + Line 17 + Line 18	
20	Revenue-related taxes and regulatory fees factor Listebarger 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. 1-9	7,844,523
23	Total Non-Residential EE Revenue Requirement Line 21 + Line 22	7,844,523
24	Total Collected for Vintage Year 2022 (through estimated Rider 15) Listebarger Exhibit 4 Line 12	
25	Non-Residential EE Revenue Requirement Line 23 - Line 24	7,844,523
26	Projected NC Residential Sales (kWh) Listebarger Exhibit 6, Line 12	16,744,193,880
27	<b>NC Non-Residential EE billing factor (Cents/kWh)</b> Line 25/Line 26*100	<b>0.0468</b>

E-7 Sub 1249	E-7 Sub 1265	E-7 Sub 1285	Year 2022
Rider 13 Year 1 Estimate	Year 2022 Yr 2 LR Estimate	Rider 15 True up	
49,276,542		(19,636,520)	29,640,022
10,564,159		(4,395,686)	6,168,473
		(730,073)	(730,073)
59,840,701		(24,762,278)	35,078,422
1,001,352		1,001,402	
59,921,605		(24,796,995)	35,124,610
8,181,228	15,132,477	(9,193,461)	14,120,244
68,102,833	15,132,477	(33,990,456)	49,244,854
			78,251,255
			(29,006,401)
			16,744,193,880
			<b>(0.1732)</b>

**DSM Programs**

Line	Reference	Year 2022 Yr 3 LR Estimate
28	Non-Residential DSM Program Cost Fields Exhibit 1 pg. 7, Line 26 * NC Alloc. Factor	
29	Non-Residential DSM Earned Utility Incentive Fields Exhibit 1 pg. 7, Line 26 * NC Alloc. Factor	
30	Return on overcollection of Non-residential DSM Program Costs Listebarger Exhibit 3 page 22	
31	Total Non-Residential DSM Program Cost and Incentive Components Line 28 + Line 29 + Line 30	
32	Revenue-related taxes and regulatory fees factor Listebarger Exhibit 2, pg. 8	
33	Total Non-Residential DSM Revenue Requirement Line 31 * Line 32	
34	Total Collected for Vintage Year 2022 (through estimated Rider 15) Listebarger Exhibit 4 Line 18	
35	Non-Residential EE Revenue Requirement True-up Amount Line 33- Line 34	
36	Projected NC Non-Residential Sales (kWh) Listebarger Exhibit 6 Line 13	
37	<b>NC Non-Residential DSM billing factor</b> Line 35/Line 36*100	

E-7 Sub 1249	E-7 Sub 1285	Year 2022
Rider 13 Year 1 Estimate	Rider 15 True up	
15,112,751	(404,946)	14,707,805
3,546,574	(823,575)	2,723,000
	7,085	7,085
18,659,325	(1,221,436)	17,437,889
1,001,352	1,001,402	
18,684,553	(1,223,149)	17,461,404
		17,790,773
		(329,369)
		18,855,570,769
		<b>(0.0017)</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 1285  
 Estimated Year 2 Lost Revenues for Vintage Year 2023

**RESIDENTIAL**

Line	Reference	2023
1 Residential Net Lost Revenues	Fields Exhibit 2 pg 1 - 9	6,787,155
2 Projected NC Residential Sales (kWh)	Listebarger Exhibit 6, Line 1	\$ 23,664,202,369
3 <b>NC Residential EE Billing Factor (Cents/kWh)</b>	Line 1/Line 2*100	<b>0.0287</b>

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

Line	Reference	2023
4 Non-Residential Net Lost Revenues	Fields Exhibit 2 pg 1 - 9	14,155,374
5 Projected NC Non-Residential Sales (kWh)	Listebarger Exhibit 6, Line 14	17,655,241,326
6 <b>NC Non-Residential EE billing factor (Cents/kWh)</b>	Line 4/Line 5*100	<b>0.0802</b>

**Duke Energy Carolinas, LLC**  
**Docket Number E-7 Sub 1285**  
**Estimated Program Costs, Earned Incentive and Lost Revenues for Vintage Year 2024**

## RESIDENTIAL

Line	Reference	2024
1 Residential EE Program Cost	Fields Exhibit 1, pg. 8, Line 10 * NC Alloc. Factor	\$ 38,670,751
2 Residential EE Earned Utility Incentive	Fields Exhibit 1, pg. 8, Line 10	4,624,245
3 Total EE Program Cost and Incentive Components	Line 1 + Line 2	43,294,996
4 Residential DSM Program Cost	Fields Exhibit 1 pg. 8, Line 11 * NC Alloc. Factor	18,148,614
5 Residential DSM Earned Utility Incentive	Fields Exhibit 1 pg. 8, Line 11	3,679,035
6 Total DSM Program Cost and Incentive Components	Line 4 + Line 5	21,827,649
7 Total EE/DSM Program Cost and Incentive Components	Line 3 + Line 6	65,122,646
8 Revenue-related taxes and regulatory fees factor	Listebarger Exhibit 2, pg. 8	1.001402
9 Total EE/DSM Program Cost and Incentive Revenue Requirement	Line 7 * Line 8	65,213,948
10 Residential Net Lost Revenues	Fields Exhibit 2 pg 1 - 9	23,509,586
11 <b>Total Residential EE Revenue Requirement</b>	<b>Line 9 + Line 10</b>	<b>\$ 88,723,534</b>

See Listebarger Exhibit  
1 for rate

## NON-RESIDENTIAL Energy Efficiency Programs

Line	Reference	2024
12 Non- Residential EE Program Cost	Fields Exhibit 1, pg. 8, Line 24 * NC Alloc. Factor	\$ 47,830,402
13 Non-Residential EE Earned Utility Incentive	Fields Exhibit 1, pg. 8, Line 24	11,638,110
14 Total EE Program Cost and Incentive Components	Line 12 + Line 13	59,468,511
15 Revenue-related taxes and regulatory fees factor	Listebarger Exhibit 2, pg. 8	1.001402
16 Total Non-Residential EE Program Cost and Incentive Revenue Requirements	Line 14 * Line 15	59,551,886
17 Non-Residential Net Lost Revenues	Fields Exhibit 2 pg 1 - 9	8,761,484
18 Total Non-Residential EE Revenue Requirement	Line 16 + Line 17	\$ 68,313,371
19 Projected NC Residential Sales (kWh)	Listebarger Exhibit 6, Line 16	17,655,241,326
20 <b>NC Non-Residential EE billing factor (Cents/kWh)</b>	Line 18/Line 19*100	<b>0.3869</b>

## DSM Programs

Line	Reference	2024
21 Non-Residential DSM Program Cost	Fields Exhibit 1 pg. 8, Line 26 * NC Alloc. Factor	\$ 14,564,801
22 Non-Residential DSM Earned Utility Incentive	Fields Exhibit 1 pg. 8, Line 26	2,498,051
23 Total Non-Residential DSM Program Cost and Incentive Components	Line 21 + Line 22	17,062,852
24 Revenue-related taxes and regulatory fees factor	Listebarger Exhibit 2, pg. 8	1.001402
25 Total Non-Residential DSM Revenue Requirement	Line 23 * Line 24	17,086,774
26 Projected NC Non-Residential Sales (kWh)	Listebarger Exhibit 6, Line 17	19,059,148,493
27 <b>NC Non-Residential DSM billing factor</b>	Line 25/Line 26*100	<b>0.0897</b>

**Duke Energy Carolinas, LLC**  
**Docket Number E-7 Sub 1285**  
**Gross Receipts Tax Years 2018 through estimated 2024**

	<u>Year</u>		<u>Actual GRT Rate In Effect</u>
Rider 9	2018		1.001402
Rider 10	2019		1.001402
	2020	Jan - June	1.001402
	2020	July - Dec	1.001302
Rider 11	2020	Weighted Average	1.001352
Rider 12	2021		1.001302
Rider 13	2022		1.001352 <sup>1</sup>
Rider 14	2023		1.001402
Rider 15	2024		1.001402

Note: Per Order in Docket No. M-100 Sub 142, the regulatory fee percentage was increased effective July 1, 2022. This new rate is used as the estimate for 2023. This will be subject to true-up based on actual rates in effect.

<sup>1</sup> 6 months on old rate/6 months on new rate