

Duke Energy Carolinas, LLC  
Docket Number E-7 Sub 1285  
True Up of Lost Revenues for Vintage Year 2016

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

Line	Reference	E-7 Sub 1073	E-7 Sub 1105	E-7 Sub 1130	E-7 Sub 1130	E-7 Sub 1164	E-7 Sub 1192	E-7 Sub 1230	E-7 Sub 1285	Year 2016
		Rider 7 Original Estimate	Rider 8 Year 2 Lost Revenues	Rider 9 True up (Year 1)	Year 2016 Yr 3 LR Estimate	Rider 10 True up (Year 2)	Rider 11 True Up (Year 3)	Rider 12 True Up (Year 4)	Rider 15 True Up	
1	Residential EE Program Cost	\$ 31,056,079		\$ 8,965,024		\$ (2)			\$ -	\$ 40,021,101
2	Residential EE Earned Utility Incentive					(52,098)			(1,204)	6,701,149
3	Return on undercollection of Residential EE Program Costs	2,392,652		4,361,799		710,786	430,926	(47,227)	(28,737)	1,338,224
4	Total EE Program Cost and Incentive Components			272,476						
5	Residential DSM Program Cost	33,448,731		13,599,299		658,686	430,926	(47,227)	(29,940)	48,060,475
6	Residential DSM Earned Utility Incentive	10,613,016		(1,012,441)		0			-	9,600,575
7	Return on overcollection of Residential DSM Program Costs	2,887,418		(129,612)		(27,890)			-	2,729,916
8	Total DSM Program Cost and Incentive Components			(26,322)		(46,199)	(39,872)	(961)	-	(113,354)
9	Total EE/DSM Program Cost and Incentive Components	13,500,434		(1,168,375)		(74,089)	(39,872)	(961)	-	12,217,137
10	Revenue-related taxes and regulatory fees factor **	46,949,165		12,430,924		584,597	391,055	(48,188)	(29,940)	60,277,612
11	Total EE/DSM Program Cost and Incentive Revenue Requirement	1,001,442		1,001,402		1,001,402	1,001,352	1,001,302	1,001,402	
12	Residential Net Lost Revenues	47,016,866		12,448,352		585,417	391,583	(48,251)	(29,982)	60,363,984
13	Total Residential EE/DSM Revenue Requirement	11,873,767	5,723,916	4,795,359	7,765,323	(3,299,616)	1,969,313	-	(5,839)	28,822,224
14	Total Collected for Vintage Year 2016 (through 2021)	58,890,633	5,723,916	17,243,711	7,765,323	(2,714,199)	2,360,897	(48,251)	(35,821)	89,186,209
15	Total Residential EE/DSM Revenue Requirement									89,250,825
										\$ (64,617)

See Listebarger Exhibit 1 for rate

Duke Energy Carolinas, LLC  
Docket Number E-7 Sub 1285  
True Up of Lost Revenues for Vintage Year 2017

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

Line	Reference	E-7 Sub 1105 Rider 8 Original Estimate	E-7 Sub 1130 Year 2017 Yr 2 LR estimate	E-7 Sub 1164 Rider 10 True up	E-7 Sub 1164 Year 2017 Yr 3 LR Estimate	E-7 Sub 1192 Rider 11 True up	E-7 Sub 1192 Year 2017 Yr 4 LR Estimate	E-7 Sub 1230 Rider 12 True Up	E-7 Sub 1249 Rider 13 True Up	E-7 Sub 1285 Rider 15 True Up	Year 2017
1	Residential EE Program Cost	\$ 33,488,974		\$ 13,998,885		\$ -		\$ -	\$ -	\$ (0)	\$ 47,487,859
2	Residential EE Earned Utility Incentive	4,149,244		4,340,033	(250,931)	-		-	-	(24,596)	8,213,750
3	Return on overcollection of Residential EE Program Costs:			522,611	1,226,138	-		622,205	(225,201)	(220,518)	1,925,235
4	Total EE Program Cost and Incentive Components	37,638,218		18,861,529		975,207	-	622,205	(225,201)	(245,114)	57,626,845
5	Residential DSM Program Cost	10,258,751		(176,455)		-		-	(0)	-	10,082,296
6	Residential DSM Earned Utility Incentive	2,837,134		89,061		-		-	(0)	-	2,926,195
7	Return on overcollection of Residential DSM Program Costs			N/A		12,882	-	7,019	(10,229)	-	24,687
8	Total DSM Program Cost and Incentive Components	13,095,886		(72,379)		12,882	-	7,019	(10,230)	-	13,033,178
9	Total EE/DSM Program Cost and Incentive Components	50,734,104		18,789,150		988,089	-	629,225	(235,431)	(245,114)	70,660,023
10	Revenue-related taxes and regulatory fees factor **	1.001482		1.001402		1.001352	-	1.001302	1.001302	1.001402	
11	Total EE/DSM Program Cost and Incentive Revenue Requirement	50,809,292		18,815,493		989,425	-	630,044	(235,738)	(245,457)	70,763,058
12	Residential Net Lost Revenues	12,699,119	4,202,002	6,456,129	8,904,587	2,572,270	1,751,061	(4,729,337)	385,723	(230,405)	32,011,149
13	Total Residential EE/DSM Revenue Requirement	63,508,411	4,202,002	25,271,622	8,904,587	3,561,695	1,751,061	(4,099,293)	149,985	(475,862)	102,774,207
14	Total Collected for Vintage Year 2017 (through 2022)										103,536,417
15	Total Residential EE/DSM Revenue Requirement										\$ (762,210)

See Listebarger Exhibit A for rate

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 Rider 9 Year 1 Estimate	E-7 Sub 1164 Year 2018 Yr 2 LR Estimate	E-7 Sub 1192 Rider 11 True up	E-7 Sub 1192 Year 2018 Year 3 Estimate	E-7 Sub 1230 Rider 12 True Up	E-7 Sub 1230 Year 2018 Yr 4 LR 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 2018
1	Residential EE Program Cost	41,623,609		14,606,717		\$ (0)		\$ -	\$ -	\$ -	\$ 56,230,326
2	Residential EE Earned Utility Incentive	5,511,264		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	47,134,873		19,005,325		1,165,498		728,465	155,036	(144,170)	68,045,027
5	Residential DSM Program Cost	9,903,130		(124,239)		0		-	-	-	9,778,895
6	Residential DSM Earned Utility Incentive	2,569,925		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	12,473,055		(135,646)		(46,465)		(21,481)	18,682	(18,292)	12,269,853
9	Total EE/DSM Program Cost and Incentive Components	59,607,928		18,869,679		1,119,034		706,984	173,718	(162,463)	80,314,880
10	Revenue-related taxes and regulatory fees factor **	1,001402		1,001352		1,001302		1,001352	1,001402	1,001402	
11	Total EE/DSM Program Cost and Incentive Revenue Requirement	59,691,498		18,895,191		1,120,491		707,940	173,962	(162,691)	80,426,391
12	Residential Net Lost Revenues	19,612,717	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	79,304,216	6,294,025	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)										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 Rider 9 Year 1 Estimate	E-7 Sub 1164 Year 2018 Yr 2 LR Estimate	E-7 Sub 1192 Rider 11 True up	E-7 Sub 1192 Year 2018 Year 3 Estimate	E-7 Sub 1230 Rider 12 True Up	E-7 Sub 1230 Year 2018 Yr 4 LR 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 2018
16	Non-Residential EE Program Cost	40,592,949		(3,317,005)		0		-	-	-	37,275,944
17	Non-Residential EE Earned Utility Incentive	11,623,199		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	52,216,148		(37,911)		566,910		405,450	49,904	(65,593)	53,134,908
20	Revenue-related taxes and regulatory fees factor	1,001402		1,001352		1,001302		1,001352	1,001402	1,001402	
21	Total Non-Residential EE Program Cost & Incentive Revenue Requirements	52,289,355		(37,962)		567,648		405,998	49,974	(65,685)	53,209,328
22	Non-Residential Net Lost Revenues	5,167,253	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	57,456,608	12,285,044	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)										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 Rider 9 Year 1 Estimate	E-7 Sub 1192 Rider 11 True up	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	Year 2018
28	Non-Residential DSM Program Cost	11,959,889	651,281	(0)	-	-	-	12,611,170
29	Non-Residential DSM Earned Utility Incentive	3,103,667	232,789	(7,197)	(372)	739	(384)	3,329,242
30	Return on undercollection of Non-residential DSM Program Costs	-	37,743	76,651	54,598	40,422	(31,313)	178,101
31	Total Non-Residential DSM Program Cost and Incentive Components	15,063,556	921,813	69,454	54,225	41,161	(31,697)	16,118,513
32	Revenue-related taxes and regulatory fees factor	1,001402	1,001352	1,001302	1,001352	1,001402	1,001402	
33	Total Non-Residential DSM Revenue Requirement	15,084,675	923,059	69,544	54,299	41,219	(31,741)	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 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	Year 2019
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 undercollection 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									
13	Total Residential EE/DSM Revenue Requirement									
14	Total Collected for Vintage Year 2019 (through estimated Rider 15)									
15	<b>Total Residential EE/DSM Revenue Requirement</b>									

See Listebarger Exhibit A for rate

## NON-RESIDENTIAL Energy Efficiency Programs

Line	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	Year 2019
16	Non-Residential EE Program Cost									
17	Non-Residential EE Earned Utility Incentive									
18	Return on undercollection 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									
23	Total Non-Residential EE Revenue Requirement									
24	Total Collected for Vintage Year 2019 (through estimated Rider 15)									
25	Non-Residential EE Revenue Requirement									
26	Projected NC Residential Sales (kWh)									
27	<b>NC Non-Residential EE billing factor (Cents/kWh)</b>									

## DSM Programs

Line	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	Year 2019
28	Non-Residential DSM Program Cost						
29	Non-Residential DSM Earned Utility Incentive						
30	Return on undercollection 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 2019 (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</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								
	Miller 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								
	Miller 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 **								
	Miller 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)	33,953,024
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)								90,166,622
15	<b>Total Residential EE/DSM Revenue Requirement</b>							\$	(1,106,993)

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								
	Miller 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								
	Miller 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)								51,221,578
25	Non-Residential EE Revenue Requirement								
	Line 23 - Line 24								(1,128,887)
26	Projected NC Residential Sales (kWh)								16,575,789,097
27	<b>NC Non-Residential EE billing factor (Cents/kWh)</b>								<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					
	Miller 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					
	Miller 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)					15,783,965
35	Non-Residential EE Revenue Requirement True-up Amount					32,287
36	Projected NC Non-Residential Sales (kWh)					18,635,398,667
37	<b>NC Non-Residential DSM billing factor</b>					<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	Miller 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	Miller 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 **	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. 1-9	\$ 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)	Miller Exhibit 4, Line 4, 10, 16, 20	
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	Miller 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	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. 1-9	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)	Miller Exhibit 4 Line 25, 31	
25 Non-Residential EE Revenue Requirement	Line 23 - Line 24	5,211,948
26 Projected NC Residential Sales (kWh)	Miller 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	Miller 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	Miller 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)	Miller Exhibit 4 Line 35, 41	
35 Non-Residential EE Revenue Requirement True-up Amount	Line 33- Line 34	
36 Projected NC Non-Residential Sales (kWh)	Miller 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	Miller 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	Miller 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 **	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. 1-9	\$ 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)	Miller Exhibit 4, Line 5, 11	
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	
Rider 13 Year 1 Estimate	Year 2022 Yr 2 LR Estimate	Rider 15 True up	Year 2022
\$ 39,429,805		\$ (8,070,781)	\$ 31,359,024
3,287,459		775,625	4,063,084
		(253,647)	(253,647)
42,717,264		(7,548,803)	35,168,461
12,587,919		322,172	12,910,091
2,954,061		347,746	3,301,808
		(17,749)	(17,749)
15,541,981		652,169	16,194,149
58,259,244		(6,896,634)	51,362,610
1.001352		1.001402	
58,338,011		(6,906,303)	51,431,708
21,026,409	6,791,458	(401,930)	27,415,937
79,364,420	6,791,458	(7,308,233)	78,847,645
			88,216,873
			<b>\$ (9,369,228)</b>

See Listebarger Exhibit A for rate

## NON-RESIDENTIAL Energy Efficiency Programs

	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	Miller 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	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. 1-9	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)	Miller Exhibit 4 Line 12	
25 Non-Residential EE Revenue Requirement	Line 23 - Line 24	7,844,523
26 Projected NC Residential Sales (kWh)	Miller 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	
Rider 13 Year 1 Estimate	Year 2022 Yr 2 LR Estimate	Rider 15 True up	Year 2022
49,276,542		(19,852,904)	29,423,638
10,564,159		(4,409,460)	6,154,699
		(729,929)	(729,929)
59,840,701		(24,992,293)	34,848,407
1.001352		1.001402	
59,921,605		(25,027,333)	34,894,273
8,181,228	15,132,477	(9,193,461)	14,120,244
68,102,833	15,132,477	(34,220,794)	49,014,517
			78,251,255
			(29,236,738)
			16,744,193,880
			<b>(0.1746)</b>

## DSM Programs

	Reference	
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	Miller 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	Miller 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)	Miller Exhibit 4 Line 18	
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</b>	Line 35/Line 36*100	

E-7 Sub 1249		E-7 Sub 1285	
Rider 13 Year 1 Estimate		Rider 15 True up	Year 2022
15,112,751		(513,598)	14,599,152
3,546,574		(812,058)	2,734,517
		7,161	7,161
18,659,325		(1,318,495)	17,340,830
1.001352		1.001402	
18,684,553		(1,320,344)	17,364,209
			17,790,773
			(426,564)
			18,855,570,769
			<b>(0.0023)</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

- 1 Residential Net Lost Revenues  
2 Projected NC Residential Sales (kWh)  
3 NC Residential EE Billing Factor (Cents/kWh)

Reference
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Fields Exhibit 2 pg 1 - 9
Miller Exhibit 6, Line 1
Line 1/Line 2*100

2023
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6,787,155
\$ 23,664,202,369
0.0287

## ***NON-RESIDENTIAL***

### ***Energy Efficiency Programs***

- 4 Non-Residential Net Lost Revenues  
5 Projected NC Non-Residential Sales (kWh)  
6 NC Non-Residential EE billing factor (Cents/kWh)

Reference
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Fields Exhibit 2 pg 1 - 9
Miller Exhibit 6, Line 14
Line 4/Line 5*100

2023
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14,155,374
17,655,241,326
0.0802



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	Miller 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 Miller Exhibit 1 for rate

## NON-RESIDENTIAL Energy Efficiency Programs

	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	Miller 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)	Miller Exhibit 6, Line 16	17,655,241,326
20 <b>NC Non-Residential EE billing factor (Cents/kWh)</b>	<b>Line 18/Line 19*100</b>	<b>0.3869</b>

## DSM Programs

		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	Miller 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)	Miller Exhibit 6, Line 17	19,059,148,493
27 <b>NC Non-Residential DSM billing factor</b>	<b>Line 25/Line 26*100</b>	<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