

Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Residential EE Programs Vintage 2016

NC Residential EE	Residential EE						NC Residential	NC Residential EE	EE Program	(Over)/Under Collection
	Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Program Incentives	Lost Revenues	Total Costs	Revenue Collected ¹	Program Collection %	Costs Revenue Collected	
		Docket No. E-7, Sub 1192, Miller Exh 5 pg 2						100% used due to overcollection		
Beginning Balance	54,751,215		40,021,101	6,770,575	28,828,063	75,619,739	76,089,404			(47,227)
2022 January		73.0962827%	-	(57)	(487)	(544)	32,375	100.0000%	(32,375)	(32,918)
2022 February		73.0962827%	-	(57)	(487)	(544)	77,181	100.0000%	(77,181)	(77,725)
2022 March		73.0962827%	-	(57)	(487)	(544)	66,522	100.0000%	(66,522)	(67,065)
2022 April		73.0962827%	-	(57)	(487)	(544)	57,485	100.0000%	(57,485)	(58,029)
2022 May		73.0962827%	-	(57)	(487)	(544)	53,911	100.0000%	(53,911)	(54,455)
2022 June		73.0962827%	-	(57)	(487)	(544)	67,703	100.0000%	(67,703)	(68,246)
2022 July		73.0962827%	-	(57)	(487)	(544)	90,722	100.0000%	(90,722)	(91,266)
2022 August		73.0962827%	-	(57)	(487)	(544)	94,664	100.0000%	(94,664)	(95,207)
2022 September		73.0962827%	-	(57)	(487)	(544)	77,785	100.0000%	(77,785)	(78,329)
2022 October		73.0962827%	-	(57)	(487)	(544)	53,952	100.0000%	(53,952)	(54,496)
2022 November		73.0962827%	-	(57)	(487)	(544)	56,442	100.0000%	(56,442)	(56,985)
2022 December		73.0962827%	-	(57)	(487)	(544)	168,045	100.0000%	(168,045)	(168,589)
	54,751,215		40,021,101	6,769,891	28,822,224	75,613,216	76,986,192		(896,788)	(950,538)

Vintage is overcollected. Interest is
calculated on all components.

100% of all revenues offset the
overcollected balance.

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 of Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	(47,227)			(11,028)	(36,200)					
2022 January	(80,145)	0.233503	(7,686)	(18,714)	(61,431)	0.005469	(267)	(267)	0.766497	(348)
2022 February	(157,870)	0.233503	(18,149)	(36,863)	(121,007)	0.005469	(499)	(766)	0.766497	(999)
2022 March	(224,935)	0.233503	(15,660)	(52,523)	(172,412)	0.005469	(802)	(1,568)	0.766497	(2,046)
2022 April	(282,964)	0.233503	(13,550)	(66,073)	(216,891)	0.005469	(1,065)	(2,633)	0.766497	(3,435)
2022 May	(337,419)	0.233503	(12,715)	(78,788)	(258,631)	0.005469	(1,300)	(3,933)	0.766497	(5,131)
2022 June	(405,665)	0.233503	(15,936)	(94,724)	(310,941)	0.005469	(1,558)	(5,491)	0.766497	(7,163)
2022 July	(496,931)	0.233503	(21,311)	(116,035)	(380,896)	0.005469	(1,892)	(7,383)	0.766497	(9,632)
2022 August	(592,139)	0.233503	(22,231)	(138,266)	(453,873)	0.005469	(2,283)	(9,665)	0.766497	(12,610)
2022 September	(670,468)	0.233503	(18,290)	(156,556)	(513,911)	0.005469	(2,646)	(12,312)	0.766497	(16,063)
2022 October	(724,964)	0.233503	(12,725)	(169,281)	(555,682)	0.005469	(2,925)	(15,237)	0.766497	(19,878)
2022 November	(781,949)	0.233503	(13,306)	(182,587)	(599,361)	0.005469	(3,159)	(18,395)	0.766497	(23,999)
2022 December	(950,538)	0.233503	(39,366)	(221,953)	(728,584)	0.005469	(3,631)	(22,027)	0.766497	(28,737)
Checks			(210,926)	(210,926)	(221,953)		(22,027)			(28,737)

Note 1: NC Residential Revenue Collected updated to account for revenue collected during 2020 and 2021.

Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Residential EE Programs Vintage 2017

		Residential EE					NC Residential	NC Residential EE	EE Program Costs		
NC Residential EE		Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Program Incentives	Lost Revenues	Total Costs	Revenue Collected ¹	Program Collection %	Revenue Collected	(Over)/Under Collection
		Docket No. E-7, Sub 1249, Listebarger Exh 5 pg 1						100% used due to overcollection			
Beginning Balance		65,222,734		47,487,858	8,319,498	32,241,553	88,048,909	92,061,985			(4,013,074)
2022	January		72.8087506%	-	(1,810)	(19,200)	(21,011)	(84,020)	100.0000%	84,020	63,009
2022	February		72.8087506%	-	(1,810)	(19,200)	(21,011)	(152,561)	100.0000%	152,561	131,550
2022	March		72.8087506%	-	(1,810)	(19,200)	(21,011)	(153,687)	100.0000%	153,687	132,676
2022	April		72.8087506%	-	(1,810)	(19,200)	(21,011)	(121,719)	100.0000%	121,719	100,708
2022	May		72.8087506%	-	(1,810)	(19,200)	(21,011)	(96,119)	100.0000%	96,119	75,109
2022	June		72.8087506%	-	(1,810)	(19,200)	(21,011)	(133,151)	100.0000%	133,151	112,141
2022	July		72.8087506%	-	(1,810)	(19,200)	(21,011)	(162,182)	100.0000%	162,182	141,171
2022	August		72.8087506%	-	(1,810)	(19,200)	(21,011)	(165,824)	100.0000%	165,824	144,813
2022	September		72.8087506%	-	(1,810)	(19,200)	(21,011)	(162,942)	100.0000%	162,942	141,931
2022	October		72.8087506%	-	(1,810)	(19,200)	(21,011)	(113,482)	100.0000%	113,482	92,471
2022	November		72.8087506%	-	(1,810)	(19,200)	(21,011)	(103,188)	100.0000%	103,188	82,178
2022	December		72.8087506%	-	(1,810)	(19,200)	(21,011)	(106,744)	100.0000%	106,744	85,733
		65,222,734		47,487,858	8,297,775	32,011,149	87,796,781	90,506,366		1,555,619	(2,709,583)

Vintage is overcollected. Interest is calculated on all components.

100% of all revenues offset the overcollected balance.

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 of Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	(4,013,074)			(937,065)	(3,076,010)					
2022 January	(3,950,065)	0.233503	14,713	(922,352)	(3,027,713)	0.005469	(16,691)	(16,691)	0.766497	(21,776)
2022 February	(3,818,515)	0.233503	30,717	(891,635)	(2,926,880)	0.005469	(16,283)	(32,975)	0.766497	(43,020)
2022 March	(3,685,839)	0.233503	30,980	(860,654)	(2,825,184)	0.005469	(15,730)	(48,704)	0.766497	(63,541)
2022 April	(3,585,131)	0.233503	23,516	(837,139)	(2,747,992)	0.005469	(15,240)	(63,944)	0.766497	(83,424)
2022 May	(3,510,022)	0.233503	17,538	(819,601)	(2,690,421)	0.005469	(14,872)	(78,816)	0.766497	(102,827)
2022 June	(3,397,881)	0.233503	26,185	(793,415)	(2,604,466)	0.005469	(14,479)	(93,296)	0.766497	(121,717)
2022 July	(3,256,710)	0.233503	32,964	(760,452)	(2,496,258)	0.005469	(13,948)	(107,244)	0.766497	(139,914)
2022 August	(3,111,897)	0.233503	33,814	(726,637)	(2,385,259)	0.005469	(13,349)	(120,593)	0.766497	(157,330)
2022 September	(2,969,965)	0.233503	33,141	(693,496)	(2,276,469)	0.005469	(12,748)	(133,341)	0.766497	(173,961)
2022 October	(2,877,494)	0.233503	21,592	(671,903)	(2,205,591)	0.005469	(12,257)	(145,597)	0.766497	(189,952)
2022 November	(2,795,316)	0.233503	19,189	(652,715)	(2,142,602)	0.005469	(11,891)	(157,488)	0.766497	(205,464)
2022 December	(2,709,583)	0.233503	20,019	(632,696)	(2,076,888)	0.005469	(11,539)	(169,026)	0.766497	(220,518)
Checks			304,369	304,369	(632,696)		(169,026)			(220,518)

Note 1: NC Residential Revenue Collected updated to account for a correction to 2020 revenue collected and the inclusion of revenue collected during 2021 and 2022.

Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Residential EE Programs Vintage 2018

NC Residential EE	Residential EE Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Program Incentives	Lost Revenues	Total Costs	NC Residential Revenue Collected ²	NC Residential EE Program Collection %	EE Program Costs Revenue Collected	(Over)/Under Collection
	Listebarger Exhibit 5 pg. 1, Line 4							100% used due to overcollection		
Beginning Balance	77,331,818		56,230,324	9,941,319	40,274,557	106,446,200	106,331,949		(56,790)	(111,787)
2022 January		72.7130507%	-	4,579	(16,175)	(11,596)	103,167	100.0000%	(103,167)	(114,763)
2022 February		72.7130507%	-	4,579	(16,175)	(11,596)	309,908	100.0000%	(309,908)	(321,504)
2022 March		72.7130507%	-	4,579	(16,175)	(11,596)	239,380	100.0000%	(239,380)	(250,976)
2022 April		72.7130507%	-	4,579	(16,175)	(11,596)	193,530	100.0000%	(193,530)	(205,126)
2022 May		72.7130507%	-	4,579	(16,175)	(11,596)	193,444	100.0000%	(193,444)	(205,039)
2022 June		72.7130507%	-	4,579	(16,175)	(11,596)	257,199	100.0000%	(257,199)	(268,794)
2022 July		72.7130507%	-	4,579	(16,175)	(11,596)	296,495	100.0000%	(296,495)	(308,090)
2022 August		72.7130507%	-	4,579	(16,175)	(11,596)	322,951	100.0000%	(322,951)	(334,546)
2022 September		72.7130507%	-	4,579	(16,175)	(11,596)	267,462	100.0000%	(267,462)	(279,058)
2022 October		72.7130507%	-	4,579	(16,175)	(11,596)	185,083	100.0000%	(185,083)	(196,679)
2022 November		72.7130507%	-	4,579	(16,175)	(11,596)	181,304	100.0000%	(181,304)	(192,899)
2022 December		72.7130507%	-	4,579	(16,175)	(11,596)	461,672	100.0000%	(461,672)	(473,268)
	77,331,818		56,230,324	9,996,266	40,080,462	106,307,052	109,343,543		(3,068,385)	(3,262,530)

Vintage is overcollected. Interest is calculated on all components.

100% of all revenues offset the overcollected balance.

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 of Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	(111,787)			(26,103)	(85,685)					
2022 January	(226,550)	0.233503	(26,798)	(52,900)	(173,650)	0.005469	(709)	(709)	0.766497	(925)
2022 February	(548,054)	0.233503	(75,072)	(127,972)	(420,082)	0.005469	(1,624)	(2,333)	0.766497	(3,043)
2022 March	(799,030)	0.233503	(58,604)	(186,576)	(612,454)	0.005469	(2,824)	(5,156)	0.766497	(6,727)
2022 April	(1,004,156)	0.233503	(47,897)	(234,473)	(769,682)	0.005469	(3,780)	(8,936)	0.766497	(11,658)
2022 May	(1,209,195)	0.233503	(47,877)	(282,351)	(926,844)	0.005469	(4,639)	(13,575)	0.766497	(17,711)
2022 June	(1,477,989)	0.233503	(62,764)	(345,115)	(1,132,874)	0.005469	(5,632)	(19,208)	0.766497	(25,059)
2022 July	(1,786,080)	0.233503	(71,940)	(417,055)	(1,369,025)	0.005469	(6,842)	(26,049)	0.766497	(33,985)
2022 August	(2,120,626)	0.233503	(78,118)	(495,173)	(1,625,454)	0.005469	(8,189)	(34,238)	0.766497	(44,668)
2022 September	(2,399,684)	0.233503	(65,161)	(560,333)	(1,839,351)	0.005469	(9,475)	(43,713)	0.766497	(57,029)
2022 October	(2,596,363)	0.233503	(45,925)	(606,258)	(1,990,104)	0.005469	(10,472)	(54,185)	0.766497	(70,692)
2022 November	(2,789,262)	0.233503	(45,043)	(651,301)	(2,137,961)	0.005469	(11,289)	(65,473)	0.766497	(85,419)
2022 December	(3,262,530)	0.233503	(110,509)	(761,810)	(2,500,719)	0.005469	(12,685)	(78,158)	0.766497	(101,968)
Checks			(735,708)	(735,708)	(761,810)		(78,158)			(101,968)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022. (2,707)

Final Gross up of Return to Pretax for Vintage 2018 (104,676)

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

Note 2: Beginning Balance for NC Residential Revenue Collected has been adjusted to correct understatement of revenues from prior rider filing.

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

Note 2: Beginning Balance for NC Residential Revenue Collected has been adjusted to correct understatement of revenues from prior rider filing.

Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Residential DSM Programs Vintage 2018

NC Residential DSM	Residential DSM Program Costs Incurred	NC Allocation %	NC Allocated DSM Program Costs	NC Residential Revenue Collected ²	NC Residential DSM Program Collection %	DSM Program Costs Revenue Collected	(Over)/Under Collection
	Listebarger Exhibit 5 pg. 1, Line 4		see calc. at right				
Beginning Balance	30,409,405		9,778,896	11,667,551		(9,777,529)	1,366
2022 January		32.1574721%	-	(770)	-6.5213%	(50)	(50)
2022 February		32.1574721%	-	(2,313)	-6.5213%	(151)	(151)
2022 March		32.1574721%	-	(1,786)	-6.5213%	(116)	(116)
2022 April		32.1574721%	-	(1,444)	-6.5213%	(94)	(94)
2022 May		32.1574721%	-	(1,444)	-6.5213%	(94)	(94)
2022 June		32.1574721%	-	(1,919)	-6.5213%	(125)	(125)
2022 July		32.1574721%	-	(2,213)	-6.5213%	(144)	(144)
2022 August		32.1574721%	-	(2,410)	-6.5213%	(157)	(157)
2022 September		32.1574721%	-	(1,996)	-6.5213%	(130)	(130)
2022 October		32.1574721%	-	(1,381)	-6.5213%	(90)	(90)
2022 November		32.1574721%	-	(1,353)	-6.5213%	(88)	(88)
2022 December		32.1574721%	-	(3,445)	-6.5213%	(225)	(225)
	30,409,405		9,778,896	11,645,077		(9,778,995)	(100)

Program Costs to be Recovered in Rider 13	1,366
Revenues to be Collected in Rider 13	(20,945)
% Revenue related to Program Costs	-6.5213%

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 Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	1,366			319	1,047					
2022 January	1,316	0.233503	(12)	307	1,008	0.005469	6	6	0.766497	7
2022 February	1,165	0.233503	(35)	272	893	0.005469	5	11	0.766497	14
2022 March	1,048	0.233503	(27)	245	804	0.005469	5	15	0.766497	20
2022 April	954	0.233503	(22)	223	731	0.005469	4	20	0.766497	26
2022 May	860	0.233503	(22)	201	659	0.005469	4	23	0.766497	31
2022 June	735	0.233503	(29)	172	563	0.005469	3	27	0.766497	35
2022 July	591	0.233503	(34)	138	453	0.005469	3	30	0.766497	39
2022 August	433	0.233503	(37)	101	332	0.005469	2	32	0.766497	41
2022 September	303	0.233503	(30)	71	232	0.005469	2	33	0.766497	43
2022 October	213	0.233503	(21)	50	163	0.005469	1	34	0.766497	45
2022 November	125	0.233503	(21)	29	96	0.005469	1	35	0.766497	46
2022 December	(100)	0.233503	(52)	(23)	(76)	0.005469	0	35	0.766497	46
Checks			(342)	(342)	(23)		35			46

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022 (18,041)

Final Gross up of Return to Pretax for Vintage 2018 (17,995)

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022

Note 2: Beginning Balance for NC Residential Revenue Collected has been adjusted to correct understatement of revenues from prior rider filing

Note 2: Beginning Balance for NC Residential Revenue Collected has been adjusted to correct understatement of revenues from prior rider filing

Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Non-Residential EE Programs Vintage 2018

NC Non- Residential EE	Non-Residential EE Program Costs		NC Allocated EE Program Costs	Program Incentives	Lost Revenues	Total Costs	NC Residential Revenue Collected ²	NC Non-Residential EE Program Collection %	Non-Residential EE Program Costs Revenue Collected	(Over)/Under Collection
	Incurred	NC Allocation %								
	Listebarger Exhibit 5 pg 1, Line 4							100% used due to overcollection		
Beginning Balance1	51,264,448		37,275,944	14,405,269	25,378,082	77,059,295	78,444,148		18,901,785	(302,294)
2022 January		72.7130507%	-	6,005		6,005	33,327	100.0000000%	(33,327)	(27,322)
2022 February		72.7130507%	-	6,005		6,005	39,340	100.0000000%	(39,340)	(33,335)
2022 March		72.7130507%	-	6,005		6,005	36,379	100.0000000%	(36,379)	(30,374)
2022 April		72.7130507%	-	6,005		6,005	35,351	100.0000000%	(35,351)	(29,346)
2022 May		72.7130507%	-	6,005		6,005	37,093	100.0000000%	(37,093)	(31,088)
2022 June		72.7130507%	-	6,005		6,005	44,084	100.0000000%	(44,084)	(38,079)
2022 July		72.7130507%	-	6,005		6,005	46,292	100.0000000%	(46,292)	(40,287)
2022 August		72.7130507%	-	6,005		6,005	50,617	100.0000000%	(50,617)	(44,611)
2022 September		72.7130507%	-	6,005		6,005	46,462	100.0000000%	(46,462)	(40,457)
2022 October		72.7130507%	-	6,005		6,005	37,306	100.0000000%	(37,306)	(31,301)
2022 November		72.7130507%	-	6,005		6,005	34,238	100.0000000%	(34,238)	(28,233)
2022 December		72.7130507%	-	6,005		6,005	44,533	100.0000000%	(44,533)	(38,528)
	51,264,448		37,275,944	14,477,330	25,378,082	77,131,356	78,929,171		18,416,763	(715,255)

exhibit 4, line 22

Vintage is overcollected. Interest is calculated on all components.

100% of all revenues offset the overcollected balance.

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 of Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	(302,294)			(70,587)	(231,707)					
2022 January	(329,616)	0.233503	(6,380)	(76,966)	(252,649)	0.005469	(1,325)	(1,325)	0.766497	(1,728)
2022 February	(362,951)	0.233503	(7,784)	(84,750)	(278,201)	0.005469	(1,452)	(2,776)	0.766497	(3,622)
2022 March	(393,325)	0.233503	(7,092)	(91,842)	(301,482)	0.005469	(1,585)	(4,361)	0.766497	(5,690)
2022 April	(422,671)	0.233503	(6,852)	(98,695)	(323,976)	0.005469	(1,710)	(6,072)	0.766497	(7,921)
2022 May	(453,759)	0.233503	(7,259)	(105,954)	(347,805)	0.005469	(1,837)	(7,909)	0.766497	(10,318)
2022 June	(491,838)	0.233503	(8,892)	(114,846)	(376,992)	0.005469	(1,982)	(9,891)	0.766497	(12,904)
2022 July	(532,125)	0.233503	(9,407)	(124,253)	(407,872)	0.005469	(2,146)	(12,037)	0.766497	(15,704)
2022 August	(576,736)	0.233503	(10,417)	(134,670)	(442,066)	0.005469	(2,324)	(14,361)	0.766497	(18,736)
2022 September	(617,193)	0.233503	(9,447)	(144,116)	(473,077)	0.005469	(2,503)	(16,864)	0.766497	(22,001)
2022 October	(648,494)	0.233503	(7,309)	(151,425)	(497,069)	0.005469	(2,653)	(19,517)	0.766497	(25,462)
2022 November	(676,727)	0.233503	(6,592)	(158,018)	(518,709)	0.005469	(2,778)	(22,295)	0.766497	(29,086)
2022 December	(715,255)	0.233503	(8,996)	(167,014)	(548,241)	0.005469	(2,918)	(25,212)	0.766497	(32,893)
Checks			(96,428)	(96,428)	(167,014)		(25,212)			(32,893)
Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.										(22,050)
Final Gross up of Return to Pretax for Vintage 2018										(54,943)

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

Note 2: Beginning Balance for NC Residential Revenue Collected has been adjusted to correct understatement of revenues from prior rider filing.

Apr 28 2023

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Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation -Non - Residential DSM Programs Vintage 2018

NC Non- Residential DSM	Total System NC DSM Program Costs Incurred	NC Non- Residential DSM Allocation %	NC Allocated DSM Non-Residential Program Costs	NC Non-Residential DSM Revenue Collected ²	NC Non-Residential DSM Program Collection %	Non-Residential DSM Program Costs Revenue Collected	(Over)/Under Collection
	Listebarger Exhibit 5 pg. 1, Line 10			see calc. at right			
Beginning Balance¹	30,409,405		12,611,170	15,860,821		(12,566,531)	44,639
2022 January	-	41.4712829%	-	1,533	12.9384608%	(198)	(198)
2022 February	-	41.4712829%	-	24,533	12.9384608%	(3,174)	(3,174)
2022 March	-	41.4712829%	-	26,127	12.9384608%	(3,380)	(3,380)
2022 April	-	41.4712829%	-	22,704	12.9384608%	(2,937)	(2,937)
2022 May	-	41.4712829%	-	24,694	12.9384608%	(3,195)	(3,195)
2022 June	-	41.4712829%	-	30,200	12.9384608%	(3,907)	(3,907)
2022 July	-	41.4712829%	-	31,156	12.9384608%	(4,031)	(4,031)
2022 August	-	41.4712829%	-	33,947	12.9384608%	(4,392)	(4,392)
2022 September	-	41.4712829%	-	31,146	12.9384608%	(4,030)	(4,030)
2022 October	-	41.4712829%	-	25,938	12.9384608%	(3,356)	(3,356)
2022 November	-	41.4712829%	-	23,820	12.9384608%	(3,082)	(3,082)
2022 December	-	41.4712829%	-	35,069	12.9384608%	(4,537)	(4,537)
	30,409,405		12,611,170	16,171,688		(12,606,753)	4,418
				exhibit 4, line 32			

Program Costs to be Recovered in Rider 13	44,639
Revenues to be Collected in Rider 13	345,011
% Revenue related to Program Costs	12.9385%

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 of Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	44,639			10,423	34,216					
2022 January	44,441	0.233503	(46)	10,377	34,064	0.005469	187	187	0.766497	244
2022 February	41,267	0.233503	(741)	9,636	31,631	0.005469	180	366	0.766497	478
2022 March	37,886	0.233503	(789)	8,847	29,040	0.005469	166	532	0.766497	694
2022 April	34,949	0.233503	(686)	8,161	26,788	0.005469	153	685	0.766497	894
2022 May	31,754	0.233503	(746)	7,415	24,339	0.005469	140	825	0.766497	1,076
2022 June	27,846	0.233503	(912)	6,502	21,344	0.005469	125	950	0.766497	1,239
2022 July	23,815	0.233503	(941)	5,561	18,254	0.005469	108	1,058	0.766497	1,380
2022 August	19,423	0.233503	(1,026)	4,535	14,888	0.005469	91	1,149	0.766497	1,498
2022 September	15,393	0.233503	(941)	3,594	11,799	0.005469	73	1,222	0.766497	1,594
2022 October	12,037	0.233503	(784)	2,811	9,226	0.005469	57	1,279	0.766497	1,669
2022 November	8,955	0.233503	(720)	2,091	6,864	0.005469	44	1,323	0.766497	1,726
2022 December	4,418	0.233503	(1,059)	1,032	3,386	0.005469	28	1,351	0.766497	1,763
Checks			(9,392)	(9,392)	1,032		1,351			1,763

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022 (33,076)

Final Gross up of Return to Pretax for Vintage 2018 (31,313)

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

Note 2: Beginning Balance for NC Residential Revenue Collected has been adjusted to correct understatement of revenues from prior rider filing

Apr 28 2023

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Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Residential EE Programs Vintage 2019

		Residential EE		NC Residential	EE Program	EE Program Costs		
NC Residential EE		Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Revenue Collected ²	EE Program Collection %	Revenue Collected	(Over)/Under Collection
			Listebarger Exhibit 5 pg. 2, Line 4	see calc. at right				
Beginning Balance ¹		74,218,205		54,246,377	97,819,053		(54,251,938)	(5,561)
2022	January		73.0903918%	-	42,345	-0.4607%	195	195
2022	February		73.0903918%	-	127,201	-0.4607%	586	586
2022	March		73.0903918%	-	98,253	-0.4607%	453	453
2022	April		73.0903918%	-	79,434	-0.4607%	366	366
2022	May		73.0903918%	-	79,399	-0.4607%	366	366
2022	June		73.0903918%	-	105,567	-0.4607%	486	486
2022	July		73.0903918%	-	121,696	-0.4607%	561	561
2022	August		73.0903918%	-	132,554	-0.4607%	611	611
2022	September		73.0903918%	-	109,779	-0.4607%	506	506
2022	October		73.0903918%	-	75,967	-0.4607%	350	350
2022	November		73.0903918%	-	74,416	-0.4607%	343	343
2022	December		73.0903918%	-	189,492	-0.4607%	873	873
		74,218,205		54,246,377	99,055,155		(54,246,243)	134
exhibit 4 line 2								

Program Costs to be Recovered in Rider 13	(5,561)
Revenues to be Collected in Rider 13	1,207,099
% Revenue related to Program Costs	-0.4607%

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 of Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	(5,561)			(1,299)	(4,263)					
2022 January	(5,366)	0.233503	46	(1,253)	(4,113)	0.005469	(23)	(23)	0.766497	(30)
2022 February	(4,780)	0.233503	137	(1,116)	(3,664)	0.005469	(21)	(44)	0.766497	(58)
2022 March	(4,328)	0.233503	106	(1,010)	(3,317)	0.005469	(19)	(63)	0.766497	(83)
2022 April	(3,962)	0.233503	85	(925)	(3,037)	0.005469	(17)	(81)	0.766497	(105)
2022 May	(3,596)	0.233503	85	(840)	(2,756)	0.005469	(16)	(96)	0.766497	(126)
2022 June	(3,109)	0.233503	114	(726)	(2,383)	0.005469	(14)	(111)	0.766497	(144)
2022 July	(2,549)	0.233503	131	(595)	(1,954)	0.005469	(12)	(122)	0.766497	(160)
2022 August	(1,938)	0.233503	143	(453)	(1,485)	0.005469	(9)	(132)	0.766497	(172)
2022 September	(1,432)	0.233503	118	(334)	(1,098)	0.005469	(7)	(139)	0.766497	(181)
2022 October	(1,082)	0.233503	82	(253)	(830)	0.005469	(5)	(144)	0.766497	(188)
2022 November	(739)	0.233503	80	(173)	(567)	0.005469	(4)	(148)	0.766497	(193)
2022 December	134	0.233503	204	31	102	0.005469	(1)	(149)	0.766497	(195)
Checks			1,330	1,330	31		(149)			(195)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022. -

Final Gross up of Return to Pretax for Vintage 2019 (195)

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

Note 2: Beginning Balance for NC Residential Revenue Collected has been adjusted to correct understatement of revenues from prior rider filing.

Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Residential DSM Programs Vintage 2019

NC Residential DSM	Total System NC DSM Program Costs Incurred	NC Allocation %	NC Allocated DSM Program Costs	NC Residential Revenue Collected	NC Residential DSM Program Collection %	DSM Program Costs Revenue Collected	(Over)/Under Collection
	Listebarger Exhibit 5 pg. 2, Line 9			see calc. at right			
Beginning Balance1	30,097,219		10,268,601	13,524,504		(10,213,197)	55,403
2022 January		34.1181040%		(770)	-256.4535%	(1,974)	(1,974)
2022 February		34.1181040%	-	(2,313)	-256.4535%	(5,931)	(5,931)
2022 March		34.1181040%	-	(1,786)	-256.4535%	(4,581)	(4,581)
2022 April		34.1181040%	-	(1,444)	-256.4535%	(3,704)	(3,704)
2022 May		34.1181040%	-	(1,444)	-256.4535%	(3,702)	(3,702)
2022 June		34.1181040%	-	(1,919)	-256.4535%	(4,922)	(4,922)
2022 July		34.1181040%	-	(2,213)	-256.4535%	(5,674)	(5,674)
2022 August		34.1181040%	-	(2,410)	-256.4535%	(6,181)	(6,181)
2022 September		34.1181040%	-	(1,996)	-256.4535%	(5,119)	(5,119)
2022 October		34.1181040%	-	(1,381)	-256.4535%	(3,542)	(3,542)
2022 November		34.1181040%	-	(1,353)	-256.4535%	(3,470)	(3,470)
2022 December		34.1181040%	-	(3,445)	-256.4535%	(8,836)	(8,836)
	30,097,219		10,268,601	13,502,030		(10,270,834)	(2,234)

Program Costs to be Recovered in Rider 13	55,403
Revenues to be Collected in Rider 13	(21,604)
% Revenue related to Program Costs	-256.4535%

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 Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	55,403			12,937	42,466					
2022 January	53,429	0.233503	(461)	12,476	40,953	0.005469	228	228	0.766497	298
2022 February	47,497	0.233503	(1,385)	11,091	36,407	0.005469	212	440	0.766497	574
2022 March	42,916	0.233503	(1,070)	10,021	32,895	0.005469	190	629	0.766497	821
2022 April	39,212	0.233503	(865)	9,156	30,056	0.005469	172	801	0.766497	1,045
2022 May	35,510	0.233503	(864)	8,292	27,218	0.005469	157	958	0.766497	1,250
2022 June	30,588	0.233503	(1,149)	7,142	23,445	0.005469	139	1,096	0.766497	1,431
2022 July	24,913	0.233503	(1,325)	5,817	19,096	0.005469	116	1,213	0.766497	1,582
2022 August	18,733	0.233503	(1,443)	4,374	14,358	0.005469	91	1,304	0.766497	1,702
2022 September	13,614	0.233503	(1,195)	3,179	10,435	0.005469	68	1,372	0.766497	1,790
2022 October	10,072	0.233503	(827)	2,352	7,720	0.005469	50	1,422	0.766497	1,855
2022 November	6,602	0.233503	(810)	1,542	5,060	0.005469	35	1,457	0.766497	1,900
2022 December	(2,234)	0.233503	(2,063)	(522)	(1,712)	0.005469	9	1,466	0.766497	1,912
Checks			(13,458)	(13,458)	(522)		1,466			1,912

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022 643

Final Gross up of Return to Pretax for Vintage 2019 **2,555**

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022

Note 2: Beginning Balance for NC Residential Revenue Collected has been adjusted to correct understatement of revenues from prior rider filing

Apr 28 2023

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Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Non- Residential EE Programs Vintage 2019

NC Non- Residential EE	Non-Residential EE Program Costs		NC Allocated EE Program Costs	NC Residential Revenue Collected ²	NC Non-Residential EE Program Collection %	Non-Residential EE Program Costs		(Over)/Under Collection
	Incurred	NC Allocation %				Revenue Collected		
	Listebarger Exhibit 5 pg 2, Line 4				see calc. at right			
Beginning Balance ¹	45,112,919		32,973,209	68,010,665		(68,016,425)		(3,123,099)
2022 January		73.0903918%		55,760	61.10%	(34,071)		(34,071)
2022 February		73.0903918%		(369,394)	61.10%	225,711		225,711
2022 March		73.0903918%		(388,310)	61.10%	237,269		237,269
2022 April		73.0903918%		(343,348)	61.10%	209,796		209,796
2022 May		73.0903918%		(371,754)	61.10%	227,153		227,153
2022 June		73.0903918%		(442,126)	61.10%	270,152		270,152
2022 July		73.0903918%		(462,514)	61.10%	282,610		282,610
2022 August		73.0903918%		(506,015)	61.10%	309,190		309,190
2022 September		73.0903918%		(463,226)	61.10%	283,045		283,045
2022 October		73.0903918%		(374,401)	61.10%	228,770		228,770
2022 November		73.0903918%		(343,791)	61.10%	210,067		210,067
2022 December		73.0903918%		(500,218)	61.10%	305,648		305,648
	45,112,919		32,973,209	63,501,330		(65,261,085)		(367,759)

exhibit 4, line 23

Program Costs to be Recovered in Rider 13	(3,123,099)
Revenues to be Collected in Rider 13	(5,111,203)
% Revenue related to Program Costs	61.1030%

NC Non-Residential EE	Cumulative (Over)/Under Recovery	Current Income Tax Rate	Monthly		Net Deferred After Tax Balance	Monthly Return	Monthly A/T		YTD After Tax Interest	Gross up of Return to Pretax Rate	Gross up of Return to Pretax
			Deferred Income Tax	Cumulative Deferred Income Tax			Return on Deferral				
		1/2022 - 12/2022				6.56%				0.766497	
Beginning Balance	(3,123,099)			(729,253)	(2,393,846)						
2022 January	(3,157,170)	0.233503	(7,956)	(737,209)	(2,419,961)	0.005469	(13,164)	(13,164)	0.766497	(17,174)	
2022 February	(2,931,459)	0.233503	52,704	(684,504)	(2,246,954)	0.005469	(12,762)	(25,926)	0.766497	(33,824)	
2022 March	(2,694,190)	0.233503	55,403	(629,101)	(2,065,088)	0.005469	(11,792)	(37,718)	0.766497	(49,208)	
2022 April	(2,484,394)	0.233503	48,988	(580,113)	(1,904,280)	0.005469	(10,855)	(48,572)	0.766497	(63,369)	
2022 May	(2,257,241)	0.233503	53,041	(527,073)	(1,730,168)	0.005469	(9,939)	(58,511)	0.766497	(76,335)	
2022 June	(1,987,089)	0.233503	63,081	(463,991)	(1,523,098)	0.005469	(8,896)	(67,407)	0.766497	(87,942)	
2022 July	(1,704,479)	0.233503	65,990	(398,001)	(1,306,478)	0.005469	(7,738)	(75,145)	0.766497	(98,037)	
2022 August	(1,395,289)	0.233503	72,197	(325,804)	(1,069,485)	0.005469	(6,497)	(81,642)	0.766497	(106,513)	
2022 September	(1,112,244)	0.233503	66,092	(259,712)	(852,532)	0.005469	(5,256)	(86,898)	0.766497	(113,370)	
2022 October	(883,474)	0.233503	53,418	(206,294)	(677,180)	0.005469	(4,183)	(91,081)	0.766497	(118,828)	
2022 November	(673,407)	0.233503	49,051	(157,243)	(516,165)	0.005469	(3,263)	(94,345)	0.766497	(123,085)	
2022 December	(367,759)	0.233503	71,370	(85,873)	(281,886)	0.005469	(2,182)	(96,527)	0.766497	(125,933)	
Checks			643,380	643,380	(85,873)		(96,527)			(125,933)	

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022. 47,791
Final Gross up of Return to Pretax for Vintage 2019 (78,141)

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Non - Residential DSM Programs Vintage 2019

NC Non- Residential DSM	Total System NC DSM Program Costs Incurred	NC Non- Residential DSM Allocation %	NC Allocated DSM Non- Residential Program Costs	NC Non-Residential DSM Revenue Collected ²	NC Non-Residential DSM Program Collection %	Non-Residential DSM Program Costs Revenue Collected	(Over)/Under Collection
	Listebarger Exhibit 5 pg. 2, Line 10				see calc. at right		
Beginning Balance¹	30,097,219		12,076,004	16,231,080		(12,072,831)	3,173
2022 January	-	40.1233224%	-	3,694	-1.2166824%	45	45
2022 February	-	40.1233224%	-	(19,210)	-1.2166824%	(234)	(234)
2022 March	-	40.1233224%	-	(21,073)	-1.2166824%	(256)	(256)
2022 April	-	40.1233224%	-	(17,640)	-1.2166824%	(215)	(215)
2022 May	-	40.1233224%	-	(19,520)	-1.2166824%	(237)	(237)
2022 June	-	40.1233224%	-	(23,889)	-1.2166824%	(291)	(291)
2022 July	-	40.1233224%	-	(24,640)	-1.2166824%	(300)	(300)
2022 August	-	40.1233224%	-	(26,836)	-1.2166824%	(327)	(327)
2022 September	-	40.1233224%	-	(24,578)	-1.2166824%	(299)	(299)
2022 October	-	40.1233224%	-	(20,471)	-1.2166824%	(249)	(249)
2022 November	-	40.1233224%	-	(18,800)	-1.2166824%	(229)	(229)
2022 December	-	40.1233224%	-	(27,187)	-1.2166824%	(331)	(331)
	30,097,219		12,076,004	15,990,931		(12,075,753)	252

Exhibit 4, line 33

Program Costs to be Recovered in Rider 13	3,173
Revenues to be Collected in Rider 13	(260,821)
% Revenue related to Program Costs	-1.2167%

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 of Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	3,173			741	2,432					
2022 January	3,218	0.233503	10	751	2,467	0.005469	13	13	0.766497	17
2022 February	2,985	0.233503	(55)	697	2,288	0.005469	13	26	0.766497	34
2022 March	2,728	0.233503	(60)	637	2,091	0.005469	12	38	0.766497	50
2022 April	2,514	0.233503	(50)	587	1,927	0.005469	11	49	0.766497	64
2022 May	2,276	0.233503	(55)	531	1,745	0.005469	10	59	0.766497	77
2022 June	1,985	0.233503	(68)	464	1,522	0.005469	9	68	0.766497	89
2022 July	1,686	0.233503	(70)	394	1,292	0.005469	8	76	0.766497	99
2022 August	1,359	0.233503	(76)	317	1,042	0.005469	6	82	0.766497	108
2022 September	1,060	0.233503	(70)	248	813	0.005469	5	87	0.766497	114
2022 October	811	0.233503	(58)	189	622	0.005469	4	91	0.766497	119
2022 November	582	0.233503	(53)	136	446	0.005469	3	94	0.766497	123
2022 December	252	0.233503	(77)	59	193	0.005469	2	96	0.766497	125
Checks			(682)	(682)	59		96			125

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022 (671)

Final Gross up of Return to Pretax for Vintage 2019 (545)

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022

Note 2: Beginning Balance for NC Residential Revenue Collected has been adjusted to correct understatement of revenues from prior rider filing

Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Residential EE Programs Vintage 2020

NC Residential EE	Residential EE Program Costs ²		NC Allocated EE Program Costs		Lost Revenues	Total Costs	NC Residential Revenue Collected ²		EE Program Costs Revenue Collected	(Over)/Under Collection
	Incurred	NC Allocation %	Program Costs	Program Incentives			Revenue Collected ²	Program Collection %		
	Listebarger Exhibit 5 pg. 3, Line 4							100% used due to overcollection		
Beginning Balance¹	51,310,734		37,570,373	4,483,373	31,747,169	73,800,915	56,151,769		(30,658,183)	6,912,190
2022 January	(2,082)	73.2212736%	(1,524)	1,723	(30,202)	(30,003)	636,713	100.0000%	(636,713)	(666,716)
2022 February	(2,082)	73.2212736%	(1,524)	1,723	(30,202)	(30,003)	1,912,641	100.0000%	(1,912,641)	(1,942,644)
2022 March	(2,082)	73.2212736%	(1,524)	1,723	(30,202)	(30,003)	1,477,370	100.0000%	(1,477,370)	(1,507,373)
2022 April	(2,082)	73.2212736%	(1,524)	1,723	(30,202)	(30,003)	1,194,397	100.0000%	(1,194,397)	(1,224,401)
2022 May	(2,082)	73.2212736%	(1,524)	1,723	(30,202)	(30,003)	1,193,865	100.0000%	(1,193,865)	(1,223,868)
2022 June	(2,082)	73.2212736%	(1,524)	1,723	(30,202)	(30,003)	1,587,338	100.0000%	(1,587,338)	(1,617,342)
2022 July	(2,082)	73.2212736%	(1,524)	1,723	(30,202)	(30,003)	1,829,859	100.0000%	(1,829,859)	(1,859,863)
2022 August	(2,082)	73.2212736%	(1,524)	1,723	(30,202)	(30,003)	1,993,137	100.0000%	(1,993,137)	(2,023,140)
2022 September	(2,082)	73.2212736%	(1,524)	1,723	(30,202)	(30,003)	1,650,679	100.0000%	(1,650,679)	(1,680,683)
2022 October	(2,082)	73.2212736%	(1,524)	1,723	(30,202)	(30,003)	1,142,266	100.0000%	(1,142,266)	(1,172,270)
2022 November	(2,082)	73.2212736%	(1,524)	1,723	(30,202)	(30,003)	1,118,942	100.0000%	(1,118,942)	(1,148,945)
2022 December	(2,082)	73.2212736%	(1,524)	1,723	(30,202)	(30,003)	2,849,274	100.0000%	(2,849,274)	(2,879,277)
	51,285,750		37,552,079	4,504,045	31,384,749	73,440,873	74,738,250		(49,244,664)	(12,034,332)
							exhibit 4, line 3			

Vintage is overcollected. Interest is calculated on all components.

100% of all revenues offset the overcollected balance.

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 of Return to Pretax Rate	Gross up of Return to Pretax
		1/2022 - 12/2022				6.56%			0.766497	
Beginning Balance	6,912,190			1,614,017	5,298,173					
2022 January	6,245,474	0.233503	(155,680)	3,228,034	3,017,440	0.005469	22,740	22,740	0.766497	29,667
2022 February	4,302,830	0.233503	(453,613)	3,072,354	1,230,476	0.005469	11,616	34,356	0.766497	44,822
2022 March	2,795,456	0.233503	(351,976)	2,618,741	176,716	0.005469	3,848	38,204	0.766497	49,843
2022 April	1,571,056	0.233503	(285,901)	2,266,764	(695,709)	0.005469	(1,419)	36,785	0.766497	47,991
2022 May	347,187	0.233503	(285,777)	1,980,863	(1,633,676)	0.005469	(6,370)	30,415	0.766497	39,681
2022 June	(1,270,155)	0.233503	(377,654)	1,695,086	(2,965,241)	0.005469	(12,576)	17,839	0.766497	23,273
2022 July	(3,130,017)	0.233503	(434,284)	1,317,432	(4,447,449)	0.005469	(20,271)	(2,432)	0.766497	(3,173)
2022 August	(5,153,157)	0.233503	(472,409)	883,149	(6,036,306)	0.005469	(28,669)	(31,101)	0.766497	(40,575)
2022 September	(6,833,840)	0.233503	(392,444)	410,739	(7,244,579)	0.005469	(36,318)	(67,418)	0.766497	(87,956)
2022 October	(8,006,110)	0.233503	(273,729)	18,295	(8,024,405)	0.005469	(41,754)	(109,173)	0.766497	(142,431)
2022 November	(9,155,055)	0.233503	(268,282)	(255,434)	(8,899,622)	0.005469	(46,280)	(155,453)	0.766497	(202,810)
2022 December	(12,034,332)	0.233503	(672,320)	(523,716)	(11,510,616)	0.005469	(55,814)	(211,267)	0.766497	(275,626)
Checks			(4,424,070)	(2,137,733)	(523,716)		(211,267)			(275,626)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

18,902

Final Gross up of Return to Pretax for Vintage 2020

(256,724)

Note 1:

Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022 except for the NC Residential Revenue Collected. The interest calculation inadvertently omitted the 2021 revenue collected in Rider 14.

Note 2:

Beginning Balance for NC Residential Revenue Collected has been adjusted to correct understatement of revenues from prior rider filing.

Apr 28 2023

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Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Residential DSM Programs Vintage 2020

NC Residential DSM	Total System NC DSM Program Costs Incurred	NC Allocation %	NC Allocated DSM Program Costs	NC Residential Revenue Collected ²	NC Residential DSM Program Collection %	DSM Program Costs Revenue Collected	(Over)/Under Collection
	Listebarger Exhibit 5 pg. 3, Line 9			see calc. at right			
Beginning Balance¹	29,327,255		9,888,075	15,488,514		(15,504,312)	(2,404,589)
2022 January		33.7163333%	-	(120,875)	-1.2167%	(1,471)	(1,471)
2022 February		33.7163333%	-	(363,101)	-1.2167%	(4,418)	(4,418)
2022 March		33.7163333%	-	(280,468)	-1.2167%	(3,412)	(3,412)
2022 April		33.7163333%	-	(226,748)	-1.2167%	(2,759)	(2,759)
2022 May		33.7163333%	-	(226,647)	-1.2167%	(2,758)	(2,758)
2022 June		33.7163333%	-	(301,345)	-1.2167%	(3,666)	(3,666)
2022 July		33.7163333%	-	(347,386)	-1.2167%	(4,227)	(4,227)
2022 August		33.7163333%	-	(378,383)	-1.2167%	(4,604)	(4,604)
2022 September		33.7163333%	-	(313,370)	-1.2167%	(3,813)	(3,813)
2022 October		33.7163333%	-	(216,851)	-1.2167%	(2,638)	(2,638)
2022 November		33.7163333%	-	(212,423)	-1.2167%	(2,585)	(2,585)
2022 December		33.7163333%	-	(540,914)	-1.2167%	(6,581)	(6,581)
	29,327,255		9,888,075	11,960,004		(15,547,243)	(2,447,520)
				exhibit 4, Line 9			

Program Costs to be Recovered in Rider 13	(2,404,589)
Revenues to be Collected in Rider 13	(3,447,632)
% Revenue related to Program Costs	-1.217%

original revenue included	(3,528,510)
new 2023 revenue estimate	(3,454,550)
Revision to be made in 2022	73,960

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 Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	(2,404,589)			(561,479)	(1,843,110)					
2022 January	(2,406,060)	0.233503	(343)	(561,822)	(1,844,238)	0.005469	(10,083)	(10,083)	0.766497	(13,155)
2022 February	(2,410,478)	0.233503	(1,032)	(562,854)	(1,847,624)	0.005469	(10,096)	(20,179)	0.766497	(26,326)
2022 March	(2,413,890)	0.233503	(797)	(563,651)	(1,850,239)	0.005469	(10,112)	(30,291)	0.766497	(39,519)
2022 April	(2,416,649)	0.233503	(644)	(564,295)	(1,852,354)	0.005469	(10,125)	(40,416)	0.766497	(52,729)
2022 May	(2,419,406)	0.233503	(644)	(564,939)	(1,854,468)	0.005469	(10,137)	(50,553)	0.766497	(65,953)
2022 June	(2,423,073)	0.233503	(856)	(565,795)	(1,857,278)	0.005469	(10,150)	(60,703)	0.766497	(79,195)
2022 July	(2,427,299)	0.233503	(987)	(566,782)	(1,860,518)	0.005469	(10,167)	(70,870)	0.766497	(92,459)
2022 August	(2,431,903)	0.233503	(1,075)	(567,857)	(1,864,046)	0.005469	(10,185)	(81,055)	0.766497	(105,747)
2022 September	(2,435,716)	0.233503	(890)	(568,747)	(1,866,969)	0.005469	(10,203)	(91,258)	0.766497	(119,058)
2022 October	(2,438,354)	0.233503	(616)	(569,363)	(1,868,991)	0.005469	(10,216)	(101,474)	0.766497	(132,387)
2022 November	(2,440,939)	0.233503	(603)	(569,967)	(1,870,972)	0.005469	(10,227)	(111,701)	0.766497	(145,729)
2022 December	(2,447,520)	0.233503	(1,537)	(571,503)	(1,876,017)	0.005469	(10,246)	(121,948)	0.766497	(159,097)
Checks			(10,024)	(10,024)	(571,503)		(121,948)			(159,097)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022 39,785

Final Gross up of Return to Pretax for Vintage 2020 **(119,312)**

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022

Note 2: Beginning Balance for NC Residential Revenue Collected has been adjusted to correct understatement of revenues from prior rider filing

Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Non- Residential EE Programs Vintage 2020

NC Non- Residential EE	Non-Residential EE Program Costs		NC Allocated EE Program Costs	Program Performance			NC Residential Revenue Collected ²	NC Non-Residential EE Program Collection %	Non-Residential EE Program Costs Revenue Collected	(Over)/Under Collection
	Incurred	NC Allocation %		Incentives	Lost Revenues	Total Costs				
	Listebarger Exhibit 5 pg 3, Line 4					100% used due to overcollection				
Beginning Balance ¹	30,082,572		22,026,843	7,199,363	18,275,484	47,501,689	53,961,294		(53,989,132)	(6,487,442)
2022 January		73.2212736%		(3,004)	(5,091)	(8,096)	55,076	100.00%	(55,076)	(63,172)
2022 February		73.2212736%		(3,004)	(5,091)	(8,096)	(528,756)	100.00%	528,756	520,661
2022 March		73.2212736%		(3,004)	(5,091)	(8,096)	(549,551)	100.00%	549,551	541,456
2022 April		73.2212736%		(3,004)	(5,091)	(8,096)	(487,099)	100.00%	487,099	479,003
2022 May		73.2212736%		(3,004)	(5,091)	(8,096)	(530,170)	100.00%	530,170	522,074
2022 June		73.2212736%		(3,004)	(5,091)	(8,096)	(632,107)	100.00%	632,107	624,012
2022 July		73.2212736%		(3,004)	(5,091)	(8,096)	(662,226)	100.00%	662,226	654,130
2022 August		73.2212736%		(3,004)	(5,091)	(8,096)	(725,038)	100.00%	725,038	716,942
2022 September		73.2212736%		(3,004)	(5,091)	(8,096)	(663,355)	100.00%	663,355	655,260
2022 October		73.2212736%		(3,004)	(5,091)	(8,096)	(534,006)	100.00%	534,006	525,911
2022 November		73.2212736%		(3,004)	(5,091)	(8,096)	(489,645)	100.00%	489,645	481,549
2022 December		73.2212736%		(3,004)	(5,091)	(8,096)	(664,048)	100.00%	664,048	655,952
	30,082,572		22,026,843	7,163,312	18,214,388	47,404,543	47,550,369		(47,578,207)	(173,664)
							Exhibit 4, line 24			

Vintage is overcollected. Interest is calculated on all components.

100% of all revenues offset the overcollected balance.

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 of Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	(6,487,442)			(1,514,837)	(4,972,605)					
2022 January	(6,550,614)	0.233503	(14,751)	(1,529,588)	(5,021,026)	0.005469	(27,328)	(27,328)	0.766497	(35,654)
2022 February	(6,029,953)	0.233503	121,576	(1,408,012)	(4,621,941)	0.005469	(26,370)	(53,698)	0.766497	(70,056)
2022 March	(5,488,498)	0.233503	126,432	(1,281,581)	(4,206,917)	0.005469	(24,143)	(77,841)	0.766497	(101,555)
2022 April	(5,009,494)	0.233503	111,849	(1,169,732)	(3,839,762)	0.005469	(22,004)	(99,846)	0.766497	(130,262)
2022 May	(4,487,420)	0.233503	121,906	(1,047,826)	(3,439,594)	0.005469	(19,906)	(119,752)	0.766497	(156,232)
2022 June	(3,863,409)	0.233503	145,709	(902,118)	(2,961,291)	0.005469	(17,504)	(137,256)	0.766497	(179,069)
2022 July	(3,209,279)	0.233503	152,741	(749,376)	(2,459,902)	0.005469	(14,825)	(152,080)	0.766497	(198,409)
2022 August	(2,492,336)	0.233503	167,408	(581,968)	(1,910,368)	0.005469	(11,951)	(164,031)	0.766497	(214,001)
2022 September	(1,837,076)	0.233503	153,005	(428,963)	(1,408,114)	0.005469	(9,075)	(173,106)	0.766497	(225,840)
2022 October	(1,311,166)	0.233503	122,802	(306,161)	(1,005,004)	0.005469	(6,599)	(179,705)	0.766497	(234,449)
2022 November	(829,616)	0.233503	112,443	(193,718)	(635,899)	0.005469	(4,487)	(184,192)	0.766497	(240,304)
2022 December	(173,664)	0.233503	153,167	(40,551)	(133,113)	0.005469	(2,103)	(186,295)	0.766497	(243,047)
Checks			1,474,286	1,474,286	(40,551)		(186,295)			(243,047)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022 180,921

Final Gross up of Return to Pretax for Vintage 2020 (62,127)

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022

Note 2: Beginning Balance for NC Residential Revenue Collected has been adjusted to correct understatement of revenues from prior rider filing.

Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation -Non - Residential DSM Programs Vintage 2020

NC Non- Residential DSM	Total System NC DSM Program Costs Incurred	NC Non- Residential DSM Allocation %	NC Allocated DSM Non-Residential Program Costs	Program Incentives	Total Costs	NC Non-Residential DSM Revenue Collected ²	NC Non-Residential DSM Program Collection %	Non-Residential DSM Program Costs Revenue Collected	(Over)/Under Collection
	Miller Exhibit 5 pg. 3, Line 10					100% used due to overcollection			
Beginning Balance¹	29,327,255		11,871,383	3,855,826	15,727,210	17,752,122		(17,752,122)	(2,024,912)
2022 January		40.4790117%	-	1,846	1,846	(72,538)	100.0000000%	72,538	74,385
2022 February		40.4790117%	-	1,846	1,846	(149,090)	100.0000000%	149,090	150,937
2022 March		40.4790117%	-	1,846	1,846	(153,740)	100.0000000%	153,740	155,586
2022 April		40.4790117%	-	1,846	1,846	(140,158)	100.0000000%	140,158	142,004
2022 May		40.4790117%	-	1,846	1,846	(148,413)	100.0000000%	148,413	150,259
2022 June		40.4790117%	-	1,846	1,846	(181,069)	100.0000000%	181,069	182,916
2022 July		40.4790117%	-	1,846	1,846	(186,690)	100.0000000%	186,690	188,536
2022 August		40.4790117%	-	1,846	1,846	(203,204)	100.0000000%	203,204	205,050
2022 September		40.4790117%	-	1,846	1,846	(186,476)	100.0000000%	186,476	188,322
2022 October		40.4790117%	-	1,846	1,846	(155,557)	100.0000000%	155,557	157,403
2022 November		40.4790117%	-	1,846	1,846	(143,082)	100.0000000%	143,082	144,928
2022 December		40.4790117%	-	1,846	1,846	(215,098)	100.0000000%	215,098	216,944
	29,327,255		11,871,383	3,877,982	15,749,365	15,817,007		(15,817,007)	(67,642)

Exhibit 4, page 34

Vintage is overcollected. Interest is calculated on all components.

100% of all revenues offset the overcollected balance.

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 of Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	(2,024,912)			(472,823)	(1,552,089)					
2022 January	74,385	0.233503	17,369	(455,454)	529,839	0.005469	(2,795)	(2,795)	0.766497	(3,647)
2022 February	225,321	0.233503	35,244	(420,210)	645,531	0.005469	3,214	419	0.766497	546
2022 March	380,907	0.233503	36,330	(383,880)	764,787	0.005469	3,857	4,275	0.766497	5,578
2022 April	522,912	0.233503	33,158	(350,722)	873,633	0.005469	4,480	8,756	0.766497	11,423
2022 May	673,170	0.233503	35,086	(315,636)	988,806	0.005469	5,093	13,849	0.766497	18,068
2022 June	856,086	0.233503	42,711	(272,924)	1,129,010	0.005469	5,791	19,640	0.766497	25,623
2022 July	1,044,622	0.233503	44,024	(228,901)	1,273,523	0.005469	6,570	26,210	0.766497	34,195
2022 August	1,249,673	0.233503	47,880	(181,021)	1,430,693	0.005469	7,395	33,605	0.766497	43,842
2022 September	1,437,995	0.233503	43,974	(137,047)	1,575,042	0.005469	8,219	41,824	0.766497	54,566
2022 October	1,595,398	0.233503	36,754	(100,293)	1,695,691	0.005469	8,944	50,769	0.766497	66,235
2022 November	1,740,326	0.233503	33,841	(66,452)	1,806,778	0.005469	9,578	60,346	0.766497	78,730
2022 December	1,957,270	0.233503	50,657	(15,795)	1,973,065	0.005469	10,336	70,683	0.766497	92,215
Checks			457,028	457,028	(15,795)		70,683			92,215

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

32,579

Final Gross up of Return to Pretax for Vintage 2020**124,794**

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

Note 2: Beginning Balance for NC Residential Revenue Collected has been adjusted to correct understatement of revenues from prior rider filing.

Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Residential EE Programs Vintage 2021

		Residential EE Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Program Incentives	Lost Revenues	Total Costs	NC Residential Revenue Collected	NC Residential EE Program Collection %	EE Program Costs Revenue Collected	(Over)/Under Collection
NC Residential EE		Miller Exhibit 5 pg. 4, Line 4							100% used due to overcollection		
Beginning Balance¹		35,677,735		26,231,472	2,568,356	23,363,537	52,163,365	64,747,858		(64,747,858)	(12,584,493)
2022	January		73.5233682%	-	(21,353)	69,781	48,429	219,423	100.0000%	(219,423)	(170,995)
2022	February		73.5233682%	-	(21,353)	69,781	48,429	659,132	100.0000%	(659,132)	(610,704)
2022	March		73.5233682%	-	(21,353)	69,781	48,429	509,130	100.0000%	(509,130)	(460,701)
2022	April		73.5233682%	-	(21,353)	69,781	48,429	411,612	100.0000%	(411,612)	(363,183)
2022	May		73.5233682%	-	(21,353)	69,781	48,429	411,429	100.0000%	(411,429)	(363,000)
2022	June		73.5233682%	-	(21,353)	69,781	48,429	547,027	100.0000%	(547,027)	(498,599)
2022	July		73.5233682%	-	(21,353)	69,781	48,429	630,604	100.0000%	(630,604)	(582,176)
2022	August		73.5233682%	-	(21,353)	69,781	48,429	686,873	100.0000%	(686,873)	(638,444)
2022	September		73.5233682%	-	(21,353)	69,781	48,429	568,856	100.0000%	(568,856)	(520,427)
2022	October		73.5233682%	-	(21,353)	69,781	48,429	393,647	100.0000%	(393,647)	(345,218)
2022	November		73.5233682%	-	(21,353)	69,781	48,429	385,609	100.0000%	(385,609)	(337,180)
2022	December		73.5233682%	-	(21,353)	69,781	48,429	981,914	100.0000%	(981,914)	(933,486)
		35,677,735		26,231,472	2,312,125	24,200,911	52,744,508	71,153,114		(71,153,114)	(18,408,605)
		Exhibit 4, line 4									

Vintage is overcollected. Interest is calculated on all components.

100% of all revenues offset the overcollected balance.

		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 Return to Pretax Rate	Gross up of Return to Pretax
NC Residential EE		1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance		(12,584,493)			(2,938,517)	(9,645,976)					
2022	January	(12,755,487)	0.233503	(39,928)	(2,978,445)	(9,777,043)	0.005469	(53,114)	(53,114)	0.766497	(69,294)
2022	February	(13,366,191)	0.233503	(142,601)	(3,121,046)	(10,245,146)	0.005469	(54,752)	(107,866)	0.766497	(140,726)
2022	March	(13,826,893)	0.233503	(107,575)	(3,228,621)	(10,598,272)	0.005469	(56,998)	(164,865)	0.766497	(215,088)
2022	April	(14,190,076)	0.233503	(84,804)	(3,313,425)	(10,876,651)	0.005469	(58,725)	(223,590)	0.766497	(291,703)
2022	May	(14,553,076)	0.233503	(84,762)	(3,398,187)	(11,154,889)	0.005469	(60,247)	(283,837)	0.766497	(370,304)
2022	June	(15,051,675)	0.233503	(116,424)	(3,514,611)	(11,537,063)	0.005469	(62,053)	(345,890)	0.766497	(451,261)
2022	July	(15,633,850)	0.233503	(135,940)	(3,650,551)	(11,983,299)	0.005469	(64,319)	(410,209)	0.766497	(535,173)
2022	August	(16,272,295)	0.233503	(149,079)	(3,799,630)	(12,472,665)	0.005469	(66,877)	(477,086)	0.766497	(622,423)
2022	September	(16,792,722)	0.233503	(121,521)	(3,921,151)	(12,871,571)	0.005469	(69,306)	(546,392)	0.766497	(712,843)
2022	October	(17,137,940)	0.233503	(80,609)	(4,001,760)	(13,136,179)	0.005469	(71,121)	(617,512)	0.766497	(805,629)
2022	November	(17,475,120)	0.233503	(78,733)	(4,080,493)	(13,394,627)	0.005469	(72,551)	(690,063)	0.766497	(900,281)
2022	December	(18,408,605)	0.233503	(217,972)	(4,298,465)	(14,110,141)	0.005469	(75,214)	(765,277)	0.766497	(998,409)
Checks				(1,359,948)	(1,359,948)	(4,298,465)		(765,277)			(998,409)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Miller Supplemental Testimony and Exhibits filed 5/16/2022 33

Final Gross up of Return to Pretax for Vintage 2021 (998,375)

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

Apr 28 2023

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Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Residential DSM Programs Vintage 2021

NC Residential DSM	Total System NC DSM Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Program Incentives	Total Costs	NC Residential Revenue Collected	NC Residential EE Program Collection %	EE Program Costs Revenue Collected	(Over)/Under Collection
	Miller Exhibit 5 pg. 4, Line 9					100% used due to overcollection			
Beginning Balance¹	32,876,164		11,489,414	2,788,739	14,278,153	17,245,048		(17,245,048)	(2,966,895)
2022 January		34.9475492%	-	(37)	(37)	-	100.0000%	-	(37)
2022 February		34.9475492%	-	(37)	(37)	-	100.0000%	-	(37)
2022 March		34.9475492%	-	(37)	(37)	-	100.0000%	-	(37)
2022 April		34.9475492%	-	(37)	(37)	-	100.0000%	-	(37)
2022 May		34.9475492%	-	(37)	(37)	-	100.0000%	-	(37)
2022 June		34.9475492%	-	(37)	(37)	-	100.0000%	-	(37)
2022 July		34.9475492%	-	(37)	(37)	-	100.0000%	-	(37)
2022 August		34.9475492%	-	(37)	(37)	-	100.0000%	-	(37)
2022 September		34.9475492%	-	(37)	(37)	-	100.0000%	-	(37)
2022 October		34.9475492%	-	(37)	(37)	-	100.0000%	-	(37)
2022 November		34.9475492%	-	(37)	(37)	-	100.0000%	-	(37)
2022 December		34.9475492%	-	(37)	(37)	-	100.0000%	-	(37)
	32,876,164		11,489,414	2,788,295	14,277,708	17,245,048		(17,245,048)	(2,967,339)

Exhibit 4, line 10

Vintage is overcollected. Interest is calculated on all components.

100% of all revenues offset the overcollected balance.

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 Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	(2,966,895)			(692,779)	(2,274,116)					
2022 January	(2,966,932)	0.233503	(9)	(692,787)	(2,274,144)	0.005469	(12,438)	(12,438)	0.766497	(16,227)
2022 February	(2,966,969)	0.233503	(9)	(692,796)	(2,274,173)	0.005469	(12,438)	(24,875)	0.766497	(32,453)
2022 March	(2,967,006)	0.233503	(9)	(692,805)	(2,274,201)	0.005469	(12,438)	(37,313)	0.766497	(48,680)
2022 April	(2,967,043)	0.233503	(9)	(692,813)	(2,274,229)	0.005469	(12,438)	(49,751)	0.766497	(64,908)
2022 May	(2,967,080)	0.233503	(9)	(692,822)	(2,274,258)	0.005469	(12,438)	(62,190)	0.766497	(81,135)
2022 June	(2,967,117)	0.233503	(9)	(692,831)	(2,274,286)	0.005469	(12,438)	(74,628)	0.766497	(97,362)
2022 July	(2,967,154)	0.233503	(9)	(692,839)	(2,274,315)	0.005469	(12,439)	(87,067)	0.766497	(113,590)
2022 August	(2,967,191)	0.233503	(9)	(692,848)	(2,274,343)	0.005469	(12,439)	(99,505)	0.766497	(129,818)
2022 September	(2,967,228)	0.233503	(9)	(692,857)	(2,274,372)	0.005469	(12,439)	(111,944)	0.766497	(146,046)
2022 October	(2,967,265)	0.233503	(9)	(692,865)	(2,274,400)	0.005469	(12,439)	(124,383)	0.766497	(162,275)
2022 November	(2,967,302)	0.233503	(9)	(692,874)	(2,274,428)	0.005469	(12,439)	(136,822)	0.766497	(178,503)
2022 December	(2,967,339)	0.233503	(9)	(692,883)	(2,274,457)	0.005469	(12,439)	(149,262)	0.766497	(194,732)
Checks				(104)	(104)		(149,262)			(194,732)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Miller Supplemental Testimony and Exhibits filed 5/16/2022

9

Final Gross up of Return to Pretax for Vintage 2021

(194,724)

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

Apr 28 2023

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Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Non- Residential EE Programs Vintage 2021

		Non-Residential					Non-Residential		Non-Residential		
		EE Program Costs						EE Program Costs			
NC Non- Residential EE		Incurred	NC Allocation %	NC Allocated EE Program Costs	Program Incentives	Lost Revenues	Total Costs	NC Residential Revenue Collected	EE Program Collection %	Revenue Collected	(Over)/Under Collection
		Miller Exhibit 5 pg 4, Line 4							100% used due to overcollection		
Beginning Balance1		40,469,592		29,754,607	7,442,891	15,035,634	52,233,133	50,564,874		(50,564,874)	(20,810,267)
2022	January		73.5233682%	-	(16,517)	34,502	17,985	1,195,863	100.00000000%	(1,195,863)	(1,177,878)
2022	February		73.5233682%	-	(16,517)	34,502	17,985	1,050,375	100.00000000%	(1,050,375)	(1,032,390)
2022	March		73.5233682%	-	(16,517)	34,502	17,985	960,257	100.00000000%	(960,257)	(942,272)
2022	April		73.5233682%	-	(16,517)	34,502	17,985	939,274	100.00000000%	(939,274)	(921,289)
2022	May		73.5233682%	-	(16,517)	34,502	17,985	977,631	100.00000000%	(977,631)	(959,646)
2022	June		73.5233682%	-	(16,517)	34,502	17,985	1,162,389	100.00000000%	(1,162,389)	(1,144,404)
2022	July		73.5233682%	-	(16,517)	34,502	17,985	1,222,579	100.00000000%	(1,222,579)	(1,204,594)
2022	August		73.5233682%	-	(16,517)	34,502	17,985	1,336,738	100.00000000%	(1,336,738)	(1,318,753)
2022	September		73.5233682%	-	(16,517)	34,502	17,985	1,228,568	100.00000000%	(1,228,568)	(1,210,583)
2022	October		73.5233682%	-	(16,517)	34,502	17,985	984,466	100.00000000%	(984,466)	(966,481)
2022	November		73.5233682%	-	(16,517)	34,502	17,985	903,916	100.00000000%	(903,916)	(885,931)
2022	December		73.5233682%	-	(16,517)	34,502	17,985	1,324,818	100.00000000%	(1,324,818)	(1,306,833)
		40,469,592		29,754,607	7,244,689	15,449,656	52,448,952	63,851,749		(63,851,749)	(33,881,322)
Exhibit 4, line 25											

Exhibit 4, line 25

Vintage is overcollected. Interest is calculated on all components.

100% of all revenues offset the overcollected balance.

NC Non-Residential EE	Cumulative	Current Income Tax Rate	Monthly	Cumulative	Net Deferred After Tax Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up of	
	(Over)/Under Recovery		Deferred Income Tax	Deferred Income Tax					Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022								6.56%	0.766497
Beginning Balance	(20,810,267)			(4,859,260)	(15,951,007)					
2022 January	(21,988,145)	0.233503	(275,038)	(5,134,298)	(16,853,847)	0.005469	(89,708)	(89,708)	0.766497	(117,036)
2022 February	(23,020,535)	0.233503	(241,066)	(5,375,364)	(17,645,171)	0.005469	(94,341)	(184,048)	0.766497	(240,116)
2022 March	(23,962,808)	0.233503	(220,023)	(5,595,387)	(18,367,420)	0.005469	(98,480)	(282,528)	0.766497	(368,596)
2022 April	(24,884,096)	0.233503	(215,124)	(5,810,511)	(19,073,585)	0.005469	(102,386)	(384,914)	0.766497	(502,173)
2022 May	(25,843,743)	0.233503	(224,080)	(6,034,591)	(19,809,151)	0.005469	(106,328)	(491,242)	0.766497	(640,892)
2022 June	(26,988,147)	0.233503	(267,222)	(6,301,813)	(20,686,334)	0.005469	(110,739)	(601,981)	0.766497	(785,366)
2022 July	(28,192,741)	0.233503	(281,276)	(6,583,090)	(21,609,652)	0.005469	(115,662)	(717,643)	0.766497	(936,263)
2022 August	(29,511,495)	0.233503	(307,933)	(6,891,023)	(22,620,472)	0.005469	(120,951)	(838,594)	0.766497	(1,094,060)
2022 September	(30,722,078)	0.233503	(282,675)	(7,173,697)	(23,548,380)	0.005469	(126,253)	(964,847)	0.766497	(1,258,774)
2022 October	(31,688,559)	0.233503	(225,676)	(7,399,374)	(24,289,185)	0.005469	(130,816)	(1,095,663)	0.766497	(1,429,442)
2022 November	(32,574,489)	0.233503	(206,867)	(7,606,241)	(24,968,248)	0.005469	(134,699)	(1,230,362)	0.766497	(1,605,175)
2022 December	(33,881,322)	0.233503	(305,149)	(7,911,390)	(25,969,932)	0.005469	(139,295)	(1,369,657)	0.766497	(1,786,904)
Checks			(3,052,131)	(3,052,131)	(7,911,390)		(1,369,657)			(1,786,904)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

Final Gross up of Return to Pretax for Vintage 2021 **(1,786,904)**

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

Apr 28 2023

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Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation -Non - Residential DSM Programs Vintage 2021

NC Non- Residential DSM	Total System NC DSM Program Costs Incurred	NC Non- Residential DSM Allocation %	NC Allocated DSM Non-Residential Program Costs	Program Incentives	Total Costs	NC Non-Residential DSM Revenue Collected	NC Non-Residential DSM Program Collection %	Non-Residential DSM Program Costs Revenue Collected	(Over)/Under Collection
	Miller Exhibit 5 pg. 4, Line 10						100% used due to overcollection		
Beginning Balance¹	32,876,164		12,956,111	3,144,740	16,100,851	18,905,431		(18,905,431)	(2,804,580)
2022 January	-	39.4088278%	-	(44)	(44)	645,727	100.0000000%	(645,727)	(645,771)
2022 February	-	39.4088278%	-	(44)	(44)	1,373,572	100.0000000%	(1,373,572)	(1,373,616)
2022 March	-	39.4088278%	-	(44)	(44)	1,410,702	100.0000000%	(1,410,702)	(1,410,746)
2022 April	-	39.4088278%	-	(44)	(44)	1,292,406	100.0000000%	(1,292,406)	(1,292,450)
2022 May	-	39.4088278%	-	(44)	(44)	1,368,591	100.0000000%	(1,368,591)	(1,368,635)
2022 June	-	39.4088278%	-	(44)	(44)	1,669,315	100.0000000%	(1,669,315)	(1,669,359)
2022 July	-	39.4088278%	-	(44)	(44)	1,720,836	100.0000000%	(1,720,836)	(1,720,880)
2022 August	-	39.4088278%	-	(44)	(44)	1,872,277	100.0000000%	(1,872,277)	(1,872,321)
2022 September	-	39.4088278%	-	(44)	(44)	1,716,913	100.0000000%	(1,716,913)	(1,716,957)
2022 October	-	39.4088278%	-	(44)	(44)	1,431,089	100.0000000%	(1,431,089)	(1,431,133)
2022 November	-	39.4088278%	-	(44)	(44)	1,316,574	100.0000000%	(1,316,574)	(1,316,618)
2022 December	-	39.4088278%	-	(44)	(44)	1,972,770	100.0000000%	(1,972,770)	(1,972,814)
	32,876,164		12,956,111	3,144,214	16,100,325	36,696,204		(36,696,204)	(20,595,879)

Exhibit 4, line 64

Vintage is overcollected. Interest is
calculated on all components.

100% of all revenues offset the
overcollected balance.

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 of Return to Pretax Rate	Gross up of Return to Pretax
	1/2022 - 12/2022					6.56%			0.766497	
Beginning Balance	(2,804,580)			(654,878)	(2,149,702)					
2022 January	(645,771)	0.233503	(150,789)	(805,667)	159,897	0.005469	(5,441)	(5,441)	0.766497	(7,099)
2022 February	(2,019,387)	0.233503	(320,744)	(1,126,411)	(892,976)	0.005469	(2,005)	(7,446)	0.766497	(9,714)
2022 March	(3,430,133)	0.233503	(329,413)	(1,455,824)	(1,974,309)	0.005469	(7,841)	(15,287)	0.766497	(19,944)
2022 April	(4,722,583)	0.233503	(301,791)	(1,757,615)	(2,964,968)	0.005469	(13,507)	(28,794)	0.766497	(37,565)
2022 May	(6,091,218)	0.233503	(319,580)	(2,077,195)	(4,014,022)	0.005469	(19,085)	(47,878)	0.766497	(62,464)
2022 June	(7,760,576)	0.233503	(389,800)	(2,466,996)	(5,293,581)	0.005469	(25,452)	(73,331)	0.766497	(95,670)
2022 July	(9,481,456)	0.233503	(401,831)	(2,868,826)	(6,612,630)	0.005469	(32,559)	(105,889)	0.766497	(138,147)
2022 August	(11,353,777)	0.233503	(437,193)	(3,306,019)	(8,047,758)	0.005469	(40,090)	(145,980)	0.766497	(190,450)
2022 September	(13,070,734)	0.233503	(400,915)	(3,706,934)	(9,363,801)	0.005469	(47,613)	(193,593)	0.766497	(252,569)
2022 October	(14,501,867)	0.233503	(334,174)	(4,041,107)	(10,460,760)	0.005469	(54,212)	(247,805)	0.766497	(323,296)
2022 November	(15,818,485)	0.233503	(307,434)	(4,348,542)	(11,469,944)	0.005469	(59,971)	(307,777)	0.766497	(401,536)
2022 December	(17,791,299)	0.233503	(460,658)	(4,809,200)	(12,982,100)	0.005469	(66,866)	(374,643)	0.766497	(488,773)
Checks			(4,154,322)	(4,154,322)	(4,809,200)		(374,643)			(488,773)

Adjustment to interest calculation to account for corrections as noted in Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

12

Final Gross up of Return to Pretax for Vintage 2021

(488,760)

Note 1: Beginning Balances tie to Docket No. E-7, Sub 1265 Listebarger Supplemental Testimony and Exhibits filed 5/16/2022.

Apr 28 2023

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Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Residential EE Programs Vintage 2022

		Residential EE							NC Residential EE	EE Program	
NC Residential EE		Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	Program Incentives	Lost Revenues	Total Costs	NC Residential Revenue Collected	Program Collection %	Costs Revenue Collected	(Over)/Under Collection
		Miller Exhibit 5 pg. 5, Line 4							100% used due to overcollection		
2022	January	1,214,369	73.8925998%	897,329	117,624	590,163	1,605,116	2,242,737	100.0000%	(2,242,737)	(637,621)
2022	February	4,170,134	73.8925998%	3,081,420	403,919	2,026,616	5,511,956	6,737,028	100.0000%	(6,737,028)	(1,225,072)
2022	March	3,836,886	73.8925998%	2,835,175	371,641	1,864,663	5,071,479	5,203,843	100.0000%	(5,203,843)	(132,365)
2022	April	2,301,606	73.8925998%	1,700,716	222,934	1,118,542	3,042,192	4,207,109	100.0000%	(4,207,109)	(1,164,917)
2022	May	3,394,836	73.8925998%	2,508,532	328,824	1,649,834	4,487,190	4,205,234	100.0000%	(4,205,234)	281,956
2022	June	4,654,060	73.8925998%	3,439,006	450,792	2,261,796	6,151,594	5,591,193	100.0000%	(5,591,193)	560,401
2022	July	3,622,279	73.8925998%	2,676,596	350,854	1,760,367	4,787,818	6,445,441	100.0000%	(6,445,441)	(1,657,623)
2022	August	3,009,121	73.8925998%	2,223,518	291,464	1,462,383	3,977,364	7,020,565	100.0000%	(7,020,565)	(3,043,201)
2022	September	4,573,148	73.8925998%	3,379,218	442,955	2,222,474	6,044,647	5,814,303	100.0000%	(5,814,303)	230,344
2022	October	3,625,286	73.8925998%	2,678,818	351,145	1,761,829	4,791,792	4,023,485	100.0000%	(4,023,485)	768,307
2022	November	3,724,805	73.8925998%	2,752,355	360,785	1,810,193	4,923,333	3,941,327	100.0000%	(3,941,327)	982,006
2022	December	4,312,123	73.8925998%	3,186,340	417,672	2,095,620	5,699,632	10,036,196	100.0000%	(10,036,196)	(4,336,564)
		42,438,652		31,359,024	4,110,610	20,624,479	56,094,113	65,468,461		(65,468,461)	(9,374,348)
Exhibit 4, line 5											

Vintage is overcollected. Interest is calculated on all components.

100% of all revenues offset the overcollected balance.

		Cumulative (Over)/Under	Current Income Tax	Monthly Deferred Income	Cumulative Deferred Income	Net Deferred After Tax			Gross up of		
NC Residential EE		Recovery	Rate	Tax	Tax	Balance	Monthly Return	Monthly A/T Return on Deferral	YTD After Tax Interest	Gross up of Return to Pretax Rate	Gross up of Return to Pretax
		1/2022 - 12/2022						6.56%		0.766497	
2022	January	(637,621)	0.233503	(148,886)	(148,886)	(488,735)	0.005469	(1,336)	(1,336)	0.766497	(1,744)
2022	February	(1,862,694)	0.233503	(286,058)	(434,945)	(1,427,749)	0.005469	(5,241)	(6,577)	0.766497	(8,581)
2022	March	(1,995,058)	0.233503	(30,908)	(465,852)	(1,529,206)	0.005469	(8,086)	(14,663)	0.766497	(19,130)
2022	April	(3,159,975)	0.233503	(272,012)	(737,864)	(2,422,111)	0.005469	(10,805)	(25,469)	0.766497	(33,227)
2022	May	(2,878,019)	0.233503	65,838	(672,026)	(2,205,993)	0.005469	(12,656)	(38,125)	0.766497	(49,739)
2022	June	(2,317,618)	0.233503	130,855	(541,171)	(1,776,447)	0.005469	(10,890)	(49,015)	0.766497	(63,947)
2022	July	(3,975,241)	0.233503	(387,060)	(928,231)	(3,047,010)	0.005469	(13,190)	(62,205)	0.766497	(81,155)
2022	August	(7,018,442)	0.233503	(710,597)	(1,638,827)	(5,379,615)	0.005469	(23,043)	(85,248)	0.766497	(111,218)
2022	September	(6,788,098)	0.233503	53,786	(1,585,041)	(5,203,056)	0.005469	(28,939)	(114,188)	0.766497	(148,973)
2022	October	(6,019,790)	0.233503	179,402	(1,405,639)	(4,614,151)	0.005469	(26,846)	(141,034)	0.766497	(183,998)
2022	November	(5,037,784)	0.233503	229,301	(1,176,338)	(3,861,447)	0.005469	(23,177)	(164,211)	0.766497	(214,236)
2022	December	(9,374,348)	0.233503	(1,012,601)	(2,188,938)	(7,185,410)	0.005469	(30,209)	(194,420)	0.766497	(253,647)
Checks				(2,188,938)	(2,188,938)	(2,188,938)		(194,420)			(253,647)

Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Residential DSM Programs Vintage 2022

NC Residential DSM		Total System NC DSM Program Costs Incurred	NC Allocation %	NC Allocated EE Program Costs	NC Residential Revenue Collected	NC Residential EE Program Collection %	EE Program Costs Revenue Collected	(Over)/Under Collection
		Miller Exhibit 5 pg. 5, Line 8			See calc. at right			
2022	January	606,298	72.9576004%	442,340	546,633	79.5257%	(434,714)	7,626
2022	February	655,186	72.9576004%	478,008	1,642,049	79.5257%	(1,305,852)	(827,844)
2022	March	626,983	72.9576004%	457,432	1,268,359	79.5257%	(1,008,672)	(551,240)
2022	April	1,555,082	72.9576004%	1,134,551	1,025,420	79.5257%	(815,473)	319,078
2022	May	696,737	72.9576004%	508,322	1,024,963	79.5257%	(815,109)	(306,787)
2022	June	591,490	72.9576004%	431,537	1,362,769	79.5257%	(1,083,753)	(652,216)
2022	July	3,178,324	72.9576004%	2,318,829	1,570,979	79.5257%	(1,249,333)	1,069,496
2022	August	2,765,679	72.9576004%	2,017,773	1,711,157	79.5257%	(1,360,811)	656,962
2022	September	2,674,591	72.9576004%	1,951,317	1,417,149	79.5257%	(1,126,998)	824,319
2022	October	3,138,931	72.9576004%	2,290,089	980,664	79.5257%	(779,880)	1,510,208
2022	November	827,525	72.9576004%	603,743	960,639	79.5257%	(763,956)	(160,213)
2022	December	378,508	72.9576004%	276,151	2,446,172	79.5257%	(1,945,337)	(1,669,186)
		17,695,334		12,910,091	15,956,954		(12,689,887)	220,204

Exhibit 4, line 11

Program Costs to be Recovered	12,910,091
Revenue Requirement	16,233,851
% Revenue related to Program Costs	79.5257%

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 Return to Pretax Rate	Gross up of Return to Pretax
		1/2022 - 12/2022			6.56%		0.766497				
2022	January	7,626	0.233503	1,781	1,781	5,845	0.005469	16	16	0.766497	21
2022	February	(820,218)	0.233503	(193,304)	(191,523)	(628,695)	0.005469	(1,703)	(1,687)	0.766497	(2,201)
2022	March	(1,371,458)	0.233503	(128,716)	(320,240)	(1,051,218)	0.005469	(4,594)	(6,281)	0.766497	(8,195)
2022	April	(1,052,380)	0.233503	74,506	(245,734)	(806,646)	0.005469	(5,080)	(11,362)	0.766497	(14,823)
2022	May	(1,359,166)	0.233503	(71,636)	(317,369)	(1,041,797)	0.005469	(5,055)	(16,416)	0.766497	(21,417)
2022	June	(2,011,382)	0.233503	(152,294)	(469,664)	(1,541,718)	0.005469	(7,065)	(23,481)	0.766497	(30,634)
2022	July	(941,886)	0.233503	249,730	(219,933)	(721,953)	0.005469	(6,190)	(29,671)	0.766497	(38,710)
2022	August	(284,924)	0.233503	153,403	(66,531)	(218,393)	0.005469	(2,571)	(32,243)	0.766497	(42,065)
2022	September	539,395	0.233503	192,481	125,950	413,445	0.005469	533	(31,709)	0.766497	(41,369)
2022	October	2,049,603	0.233503	352,638	478,589	1,571,015	0.005469	5,427	(26,283)	0.766497	(34,290)
2022	November	1,889,390	0.233503	(37,410)	441,178	1,448,212	0.005469	8,256	(18,026)	0.766497	(23,518)
2022	December	220,204	0.233503	(389,760)	51,418	168,786	0.005469	4,422	(13,605)	0.766497	(17,749)
Checks				51,418	51,418	51,418		(13,605)			(17,749)

Apr 28 2023

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Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Non- Residential EE Programs Vintage 2022

		Non-Residential EE Program Costs	NC Allocation %	NC Allocated EE Program Costs	Program Incentives	Lost Revenues	Total Costs	NC Residential Revenue Collected	NC Non-Residential EE Program Collection %	Non-Residential EE Program Costs Revenue Collected	(Over)/Under Collection
NC Non- Residential EE		Incurred									
		Miller Exhibit 5 pg 5, Line 4							100% used due to overcollection		
2022	January	3,270,770	73.8925998%	2,416,857	517,633	(84,489)	2,850,001	2,428,124	100.0000000%	(2,428,124)	421,876
2022	February	3,369,866	73.8925998%	2,490,081	533,316	(87,049)	2,936,348	4,960,670	100.0000000%	(4,960,670)	(2,024,322)
2022	March	4,658,859	73.8925998%	3,442,552	737,312	(120,345)	4,059,519	5,010,684	100.0000000%	(5,010,684)	(951,165)
2022	April	3,863,126	73.8925998%	2,854,565	611,379	(99,790)	3,366,153	4,535,727	100.0000000%	(4,535,727)	(1,169,573)
2022	May	2,785,650	73.8925998%	2,058,389	440,857	(71,957)	2,427,289	4,874,727	100.0000000%	(4,874,727)	(2,447,438)
2022	June	3,108,254	73.8925998%	2,296,769	491,913	(80,291)	2,708,392	5,794,636	100.0000000%	(5,794,636)	(3,086,244)
2022	July	3,003,595	73.8925998%	2,219,434	475,349	(77,587)	2,617,196	6,066,153	100.0000000%	(6,066,153)	(3,448,957)
2022	August	2,842,552	73.8925998%	2,100,436	449,863	(73,427)	2,476,871	6,677,888	100.0000000%	(6,677,888)	(4,201,017)
2022	September	3,191,286	73.8925998%	2,358,124	505,053	(82,436)	2,780,742	6,114,285	100.0000000%	(6,114,285)	(3,333,543)
2022	October	3,396,262	73.8925998%	2,509,586	537,493	(87,730)	2,959,349	4,912,608	100.0000000%	(4,912,608)	(1,953,259)
2022	November	2,781,223	73.8925998%	2,055,118	440,157	(71,843)	2,423,432	4,507,723	100.0000000%	(4,507,723)	(2,084,292)
2022	December	2,914,583	73.8925998%	2,153,661	461,262	(75,288)	2,539,636	7,235,553	100.0000000%	(7,235,553)	(4,695,917)
NR E-2, Sub 1180 Adjustment (AEC) ¹		468,065	100.0000000%	468,065			468,065			-	468,065
		39,654,090		29,423,638	6,201,588	(1,012,233)	34,612,992	63,118,778		(63,118,778)	(28,505,786)
		Exhibit 4, line 26									

Vintage is overcollected. Interest is calculated on all components.

100% of all revenues offset the overcollected balance.

		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 Return to Pretax Rate	Gross up of Return to Pretax
NC Non-Residential EE			1/2022 - 12/2022				6.56%			0.766497	
2022	January	421,876	0.233503	98,509	98,509	323,367	0.005469	884	884	0.766497	1,154
2022	February	(1,602,446)	0.233503	(472,685)	(374,176)	(1,228,270)	0.005469	(2,475)	(1,590)	0.766497	(2,075)
2022	March	(2,553,611)	0.233503	(222,100)	(596,276)	(1,957,335)	0.005469	(8,711)	(10,302)	0.766497	(13,440)
2022	April	(3,723,184)	0.233503	(273,099)	(869,375)	(2,853,809)	0.005469	(13,157)	(23,458)	0.766497	(30,604)
2022	May	(6,170,621)	0.233503	(571,484)	(1,440,859)	(4,729,763)	0.005469	(20,738)	(44,196)	0.766497	(57,660)
2022	June	(9,256,866)	0.233503	(720,647)	(2,161,506)	(7,095,360)	0.005469	(32,337)	(76,533)	0.766497	(99,848)
2022	July	(12,705,822)	0.233503	(805,342)	(2,966,848)	(9,738,975)	0.005469	(46,035)	(122,568)	0.766497	(159,907)
2022	August	(16,906,839)	0.233503	(980,950)	(3,947,798)	(12,959,041)	0.005469	(62,070)	(184,638)	0.766497	(240,885)
2022	September	(20,240,382)	0.233503	(778,392)	(4,726,190)	(15,514,192)	0.005469	(77,863)	(262,500)	0.766497	(342,467)
2022	October	(22,193,641)	0.233503	(456,092)	(5,182,282)	(17,011,360)	0.005469	(88,944)	(351,444)	0.766497	(458,507)
2022	November	(24,277,933)	0.233503	(486,688)	(5,668,970)	(18,608,963)	0.005469	(97,407)	(448,851)	0.766497	(585,588)
2022	December	(28,505,786)	0.233503	(987,216)	(6,656,186)	(21,849,599)	0.005469	(110,638)	(559,489)	0.766497	(729,929)
Checks				(6,656,186)	(6,656,186)	(6,656,186)		(559,489)			(729,929)

Note 1: AEC Yield Capital, LLC Settlement Adjustment. See Docket No. E-2, Sub 1180 for additional details

Duke Energy Carolinas, LLC
Docket Number E-7 Sub 1285
Estimated Return Calculation - Non - Residential DSM Programs Vintage 2022

		Total System NC DSM Program Costs Incurred	NC Non- Residential DSM Allocation %	NC Allocated DSM Non- Residential Program Costs	Program Incentives	Total Costs	NC Non-Residential DSM Revenue Collected	NC Non-Residential DSM Program Collection %	Non-Residential DSM Program Costs Revenue Collected	(Over)/Under Collection
NC Non- Residential DSM		Miller Exhibit 5 pg. 5, Line 8								
		100% used due to overcollection								
2022	January	1,334,791	72.9576004%	973,831	229,824	1,203,655	645,727	100.0000000%	(645,727)	557,928
2022	February	1,290,558	72.9576004%	941,560	229,824	1,171,384	1,373,572	100.0000000%	(1,373,572)	(202,188)
2022	March	1,543,170	72.9576004%	1,125,860	229,824	1,355,684	1,410,702	100.0000000%	(1,410,702)	(55,018)
2022	April	1,557,950	72.9576004%	1,136,643	229,824	1,366,467	1,292,406	100.0000000%	(1,292,406)	74,060
2022	May	1,635,680	72.9576004%	1,193,353	229,824	1,423,177	1,368,591	100.0000000%	(1,368,591)	54,586
2022	June	1,783,909	72.9576004%	1,301,497	229,824	1,531,321	1,669,315	100.0000000%	(1,669,315)	(137,993)
2022	July	1,816,373	72.9576004%	1,325,182	229,824	1,555,006	1,720,836	100.0000000%	(1,720,836)	(165,830)
2022	August	1,793,959	72.9576004%	1,308,829	229,824	1,538,653	1,872,277	100.0000000%	(1,872,277)	(333,624)
2022	September	1,792,392	72.9576004%	1,307,686	229,824	1,537,510	1,716,913	100.0000000%	(1,716,913)	(179,404)
2022	October	1,769,565	72.9576004%	1,291,032	229,824	1,520,856	1,431,089	100.0000000%	(1,431,089)	89,767
2022	November	1,875,715	72.9576004%	1,368,477	229,824	1,598,300	1,316,574	100.0000000%	(1,316,574)	281,726
2022	December	1,816,399	72.9576004%	1,325,201	229,824	1,555,025	1,972,770	100.0000000%	(1,972,770)	(417,745)
		20,010,461		14,599,152	2,757,886	17,357,038	17,790,773		(17,790,773)	(433,735)
		Exhibit 4, line 36								

Vintage is overcollected. Interest is
calculated on all components.

100% of all revenues offset the
overcollected balance.

		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 Return to Pretax Rate	Gross up of Return to Pretax
NC Non-Residential DSM		1/2022 - 12/2022									
		6.56%									
		0.766497									
2022	January	557,928	0.233503	130,278	130,278	427,650	0.005469	1,169	1,169	0.766497	1,526
2022	February	355,740	0.233503	(47,212)	83,066	272,674	0.005469	1,915	3,085	0.766497	4,024
2022	March	300,722	0.233503	(12,847)	70,219	230,502	0.005469	1,376	4,461	0.766497	5,819
2022	April	374,782	0.233503	17,293	87,513	287,269	0.005469	1,416	5,876	0.766497	7,667
2022	May	429,368	0.233503	12,746	100,259	329,109	0.005469	1,686	7,562	0.766497	9,866
2022	June	291,375	0.233503	(32,222)	68,037	223,338	0.005469	1,511	9,073	0.766497	11,837
2022	July	125,544	0.233503	(38,722)	29,315	96,229	0.005469	874	9,947	0.766497	12,977
2022	August	(208,080)	0.233503	(77,902)	(48,587)	(159,492)	0.005469	(173)	9,774	0.766497	12,751
2022	September	(387,483)	0.233503	(41,891)	(90,479)	(297,005)	0.005469	(1,248)	8,525	0.766497	11,122
2022	October	(297,716)	0.233503	20,961	(69,518)	(228,199)	0.005469	(1,436)	7,089	0.766497	9,249
2022	November	(15,990)	0.233503	65,784	(3,734)	(12,256)	0.005469	(658)	6,431	0.766497	8,391
2022	December	(433,735)	0.233503	(97,545)	(101,279)	(332,457)	0.005469	(943)	5,489	0.766497	7,161
Checks				(101,279)	(101,279)	(101,279)		5,489			7,161