

Duke Energy Carolinas
Fields Exhibit 1
Vintage 2016 True Up - January 1, 2016 to December 31, 2016
Docket Number E-7 Sub 1285
Load Impacts and Estimated Revenue Requirements by Program

	A	B	C	D	E	F	G	H			
				=(A-B)*C	=(B+D)						
	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	Incentive	System Revenue Requirement	NC Retail kWh Sales Allocation Factor	NC Allocation Factor (2)	NC Residential Revenue Requirement	NC Residential Adjusted Revenue Requirement
Residential Programs											
EE Programs											
1 Appliance Recycling Program	21	164,720	\$ 59,758	\$ (97,397)	11.5%	\$ 18,073	\$ (79,324)	73.0962827%		E1 * F1 \$ (57,983)	
2 Energy Efficiency Education	1,512	6,441,283	\$ 3,695,507	\$ 2,126,509	11.5%	\$ 180,435	\$ 2,306,944	73.0962827%		E2 * F2 \$ 1,686,290	
3 Energy Efficient Appliances and Devices	14,518	120,226,223	\$ 82,262,218	\$ 24,069,774	11.5%	\$ 6,692,131	\$ 30,761,905	73.0962827%		E3 * F3 \$ 22,485,809	
4 HVAC Energy Efficiency	2,462	6,294,837	\$ 7,476,100	\$ 7,839,566	11.5%	\$ (41,799)	\$ 7,797,767	73.0962827%		E4 * F4 \$ 5,699,878	
5 Low Income Energy Efficiency and Weatherization Assistance	649	4,801,478	\$ 2,984,760	\$ 4,792,436	0.0%	\$ -	\$ 4,792,436	73.0962827%		E5 * F5 \$ 3,503,093	
6 Multi-Family Energy Efficiency	1,572	15,235,497	\$ 8,950,706	\$ 2,518,988	11.5%	\$ 739,648	\$ 3,258,636	73.0962827%		E6 * F6 \$ 2,381,941	
7 Residential Energy Assessments	1,070	7,389,091	\$ 6,822,806	\$ 2,678,893	11.5%	\$ 476,550	\$ 3,155,443	73.0962827%		E7 * F7 \$ 2,306,512	
8 Total for Residential Conservation Programs	21,804	160,553,127	\$ 112,251,855	\$ 43,928,769		\$ 8,065,038	\$ 51,993,807			\$ 38,005,540	
9 My Home Energy Report	70,977	282,250,993	\$ 20,409,636	\$ 10,822,444	11.5%	\$ 1,102,527	\$ 11,924,971	73.0962827%		E9 * F9 \$ 8,716,711	\$ (1,204)
10 Total Residential Conservation and Behavioral Programs	92,782	442,804,121	\$ 132,661,491	\$ 54,751,213		\$ 9,167,565	\$ 63,918,778			\$ 46,722,251	\$ (1,204)
								NC Residential Peak Demand Allocation Factor			
11 Total DSM Programs(2)	825,492	718,623	\$ 98,643,760	\$ 28,406,298	11.5%	\$ 8,077,308	\$ 36,483,606		33.797348%	E11 * F11 \$ 12,330,491	
12 Total Residential	918,274	443,522,744	\$ 231,305,251	\$ 83,157,511		\$ 17,244,873	\$ 100,402,384			\$ 59,052,742	
Non-Residential Programs											
EE Programs											
13 Non Residential Smart Saver Custom Technical Assessments	1,584	16,953,402	\$ 9,572,687	\$ 2,034,308	11.5%	\$ 866,914	\$ 2,901,222	73.0962827%		E12 * F12 \$ 2,120,685	
14 Non Residential Smart Saver Custom	7,934	52,154,624	\$ 39,025,086	\$ 7,356,509	11.5%	\$ 3,629,838	\$ 10,986,347	73.0962827%		E13 * F13 \$ 8,030,611	
15 Non Residential Smart Saver Energy Efficient Food Service Products	356	3,809,316	\$ 2,474,312	\$ 324,117	11.5%	\$ 247,272	\$ 571,389	73.0962827%		E14 * F14 \$ 417,664	
16 Non Residential Smart Saver Energy Efficient HVAC Products	808	3,316,901	\$ 3,344,669	\$ 1,473,991	11.5%	\$ 215,128	\$ 1,689,119	73.0962827%		E16 * F16 \$ 1,234,683	
17 Non Residential Smart Saver Energy Efficient Lighting Products	29,268	167,342,422	\$ 120,392,639	\$ 39,622,944	11.5%	\$ 9,288,515	\$ 48,911,459	73.0962827%		E17 * F17 \$ 35,752,458	
18 Non Residential Smart Saver Energy Efficient Pumps and Drives Products	368	2,494,340	\$ 1,574,965	\$ 471,930	11.5%	\$ 126,849	\$ 598,779	73.0962827%		E18 * F18 \$ 437,685	
19 Non Residential Energy Efficient ITEE	107	2,462,027	\$ 777,601	\$ 285,430	11.5%	\$ 56,600	\$ 342,030	73.0962827%		E19 * F19 \$ 250,011	
20 Non Residential Smart Saver Energy Efficient Process Equipment Products	50	313,131	\$ 279,184	\$ 125,947	11.5%	\$ 17,622	\$ 143,569	73.0962827%		E20 * F20 \$ 104,944	
21 Smart Saver(R) Non Residential Performance Incentive Program	-	-	\$ -	\$ 35,670	11.5%	\$ (4,102)	\$ 31,568	73.0962827%		E21 * F21 \$ 23,075	
22 Small Business Energy Saver	16,110	85,687,928	\$ 55,685,830	\$ 15,360,852	11.5%	\$ 4,637,372	\$ 19,998,224	73.0962827%		E22 * F22 \$ 14,617,959	
23 Smart Energy in Offices	3,505	16,842,267	\$ 1,843,559	\$ 1,061,729	11.5%	\$ 89,911	\$ 1,151,640	73.0962827%		E23 * F23 \$ 841,806	
24 Business Energy Report	388	5,561,349	\$ 302,497	\$ 263,169	11.5%	\$ -	\$ 263,169	73.0962827%		E24 * F24 \$ 192,367	
25 Total for Non-Residential Conservation Programs	60,480	356,937,707	\$ 235,273,030	\$ 68,416,596		\$ 19,171,918	\$ 87,588,514			\$ 64,023,948	
								NC Non-Residential Peak Demand Allocation Factor			
26 Total DSM Programs(2)	825,492	718,623	\$ 98,643,760	\$ 28,406,298	11.5%	\$ 8,077,308	\$ 36,483,606	40.8166437%		\$ 14,891,384	
27 Total Non-Residential Revenue Requirement	885,972	357,656,330	\$ 333,916,790	\$ 96,822,894		\$ 27,249,226	\$ 124,072,120			\$ 78,915,332	
28 Total All Programs	1,804,245	801,179,074	\$ 565,222,040	\$ 179,980,405		\$ 44,494,099	\$ 224,474,504			\$ 137,968,074	\$ (1,204)
Total DSM Program Breakdown											
28 Power Manager (Residential)	455,393	-	\$ 54,179,776	\$ 13,644,970	11.5%	\$ 4,661,503	\$ 18,306,473				
29 EnergyWise for Business	1,199	718,623	\$ 574,590	\$ 470,304	11.5%	\$ 11,993	\$ 482,297				
30 PowerShare®	368,900	-	\$ 43,889,394	\$ 14,291,024	11.5%	\$ 3,403,812	\$ 17,694,836				
31 Total DSM Programs	825,492	718,623	\$ 98,643,760	\$ 28,406,298		\$ 8,077,308	\$ 36,483,606	74.6139917%		\$ 27,221,875	

(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year, including impacts for participants from prior vintages

(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

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	A	B	C	D	E	F	G	H	
				=(A-B)*C	=(B+D)				
	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	Incentive	System Revenue Requirement	NC Retail kWh Sales Allocation Factor	NC Allocation Factor (2)
Residential Programs								NC Residential Revenue Requirement	NC Residential Adjusted Revenue Requirement
EE Programs									
1 Appliance Recycling Program				\$ 5,307	11.5%	\$ (610)	\$ 4,697	72.8087506%	E1 * F1 \$ 3,420
2 Energy Efficiency Education	1,393	5,932,086	\$ 3,597,724	\$ 2,077,611	11.5%	\$ 174,813	\$ 2,252,424	72.8087506%	E2 * F2 \$ 1,639,962
3 Energy Efficient Appliances and Devices	24,605	137,909,103	\$ 105,352,687	\$ 30,340,728	11.5%	\$ 8,626,375	\$ 38,967,103	72.8087506%	E3 * F3 \$ 28,371,461
4 HVAC Energy Efficiency	1,850	6,712,977	\$ 7,287,263	\$ 7,403,327	11.5%	\$ (13,347)	\$ 7,389,980	72.8087506%	E4 * F4 \$ 5,380,552
5 Income Qualified Energy Efficiency and Weatherization Assistance	771	5,341,624	\$ 3,185,867	\$ 5,505,992	0.0%	\$ -	\$ 5,505,992	72.8087506%	E5 * F5 \$ 4,008,844
6 Multi-Family Energy Efficiency	2,056	19,038,529	\$ 13,539,656	\$ 3,168,422	11.5%	\$ 1,192,692	\$ 4,361,114	72.8087506%	E6 * F6 \$ 3,175,272
7 Energy Assessments	1,040	7,720,549	\$ 6,602,773	\$ 2,909,098	11.5%	\$ 424,773	\$ 3,333,871	72.8087506%	E7 * F7 \$ 2,427,350
8 Total for Residential Conservation Programs	31,715	182,654,868	\$ 139,565,970	\$ 51,410,486		\$ 10,404,695	\$ 61,815,181		\$ 45,006,861
9 My Home Energy Report	76,632	307,515,903	\$ 21,434,622	\$ 13,812,250	11.5%	\$ 876,573	\$ 14,688,823	72.8087506%	E9 * F9 \$ 10,694,748
10 Total Residential Conservation and Behavioral Programs	108,347	490,170,771	\$ 161,000,592	\$ 65,222,736		\$ 11,281,268	\$ 76,504,004		\$ (24,596)
								NC Residential Peak Demand Allocation Factor	
11 Total DSM Programs(2)	846,941	2,943,906	\$ 105,087,510	\$ 29,822,652	11.5%	\$ 8,655,459	\$ 38,478,111	33.807510%	E11 * F11 \$ 13,008,491
12 Total Residential	955,288	493,114,677	\$ 266,088,102	\$ 95,045,388		\$ 19,936,727	\$ 114,982,115		\$ 68,710,100
Non-Residential Programs	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	Incentive	System Revenue Requirement	NC Retail kWh Sales Allocation Factor	NC Non-Residential Revenue Requirement
EE Programs									
13 Non Residential Smart Saver Custom Technical Assessments	1,627	15,791,732	\$ 10,272,302	\$ 2,139,875	11.5%	\$ 935,229	\$ 3,075,104	72.8087506%	E12 * F12 \$ 2,238,945
14 Non Residential Smart Saver Custom	6,010	40,609,855	\$ 34,693,083	\$ 7,304,838	11.5%	\$ 3,149,648	\$ 10,454,486	72.8087506%	E13 * F13 \$ 7,611,781
15 Non Residential Smart Saver Energy Efficient Food Service Products	112	1,383,542	\$ 959,251	\$ 306,488	11.5%	\$ 75,068	\$ 381,556	72.8087506%	E14 * F14 \$ 277,806
16 Non Residential Smart Saver Energy Efficient HVAC Products	894	2,954,877	\$ 2,958,336	\$ 1,560,769	11.5%	\$ 160,720	\$ 1,721,489	72.8087506%	E16 * F16 \$ 1,253,395
17 Non Residential Smart Saver Energy Efficient Lighting Products	47,322	270,572,885	\$ 240,054,511	\$ 66,689,770	11.5%	\$ 19,936,945	\$ 86,626,715	72.8087506%	E17 * F17 \$ 63,071,829
18 Non Residential Smart Saver Energy Efficient Pumps and Drives Products	687	4,806,849	\$ 3,070,044	\$ 528,937	11.5%	\$ 292,227	\$ 821,164	72.8087506%	E18 * F18 \$ 597,879
19 Non Residential Energy Efficient ITEE	-	2,945	\$ 523	\$ 61,215	11.5%	\$ (6,980)	\$ 54,235	72.8087506%	E19 * F19 \$ 39,488
20 Non Residential Smart Saver Energy Efficient Process Equipment Products	99	651,289	\$ 530,295	\$ 162,413	11.5%	\$ 42,306	\$ 204,719	72.8087506%	E20 * F20 \$ 149,054
21 Smart Saver(R) Non Residential Performance Incentive Program	3	12,373	\$ 8,958	\$ 320,559	11.5%	\$ (35,834)	\$ 284,725	72.8087506%	E21 * F21 \$ 207,305
22 Small Business Energy Saver	17,263	90,297,362	\$ 63,169,894	\$ 17,350,972	11.5%	\$ 5,269,176	\$ 22,620,148	72.8087506%	E22 * F22 \$ 16,469,447
23 Smart Energy in Offices	2,138	10,272,154	\$ 1,067,480	\$ 891,010	11.5%	\$ 20,294	\$ 911,304	72.8087506%	E23 * F23 \$ 663,509
24 Business Energy Report	3	42,398	\$ 696	\$ 126,680	11.5%	\$ -	\$ 126,680	72.8087506%	E24 * F24 \$ 92,234
25 Total for Non-Residential Conservation Programs	76,158	437,398,260	\$ 356,785,373	\$ 97,443,527		\$ 29,838,800	\$ 127,282,328		\$ 92,672,672
								NC Non-Residential Peak Demand Allocation Factor	
26 Total DSM Programs(2)	846,941	2,943,906	\$ 105,087,510	\$ 29,822,652	11.5%	\$ 8,655,459	\$ 38,478,111	40.0747013%	\$ 15,419,988
27 Total Non-Residential Revenue Requirement	923,098	440,342,166	\$ 461,872,882	\$ 127,266,180		\$ 38,494,259	\$ 165,760,439		\$ 108,092,660
28 Total All Programs	1,878,386	933,456,843	\$ 727,960,984	\$ 222,311,568		\$ 58,430,986	\$ 280,742,553		\$ 176,802,760
									\$ (24,596)
								NC Non-Residential Peak Demand Allocation Factor	
Total DSM Program Breakdown									
28 Power Manager (Residential)	501,118	-	\$ 61,074,105	\$ 14,021,500	11.5%	\$ 5,411,050	\$ 19,432,549		
29 EnergyWise for Business	5,453	2,943,906	\$ 2,530,761	\$ 2,484,618	11.5%	\$ 5,306	\$ 2,489,924		
30 PowerShare®	340,369	-	\$ 41,482,644	\$ 13,316,535	11.5%	\$ 3,239,103	\$ 16,555,638		
31 Total DSM Programs	846,941	2,943,906	\$ 105,087,510	\$ 29,822,652		\$ 8,655,459	\$ 38,478,111	73.8822117%	\$ 28,428,479

(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year, including impacts for participants from prior vintages

(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

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	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	Incentive	System Revenue Requirement	NC Retail kWh Sales Allocation Factor	NC Allocation Factor (2)	NC Residential Revenue Requirement	
Residential Programs											
EE Programs											
1 Energy Efficiency Education	967	5,530,707	\$ 2,863,491	\$ 1,992,260	11.5%	\$ 100,192	\$ 2,092,451	72.7130507%	E1 * F1	\$ 1,521,485	
2 Energy Efficient Appliances and Devices	35,125	194,356,910	\$ 137,695,195	\$ 42,687,244	11.5%	\$ 10,925,914	\$ 53,613,158	72.7130507%	E2 * F2	\$ 38,983,763	
3 HVAC Energy Efficiency	1,640	6,367,174	\$ 7,088,494	\$ 6,955,146	11.5%	\$ 15,335	\$ 6,970,481	72.7130507%	E3 * F3	\$ 5,068,449	
4 Low Income Energy Efficiency and Weatherization Assistance	888	6,845,653	\$ 4,253,631	\$ 6,490,735	0.0%	\$ -	\$ 6,490,735	72.7130507%	E4 * F4	\$ 4,719,611	
5 Multi-Family Energy Efficiency	2,336	20,923,363	\$ 13,614,922	\$ 3,604,921	11.5%	\$ 1,151,150	\$ 4,756,071	72.7130507%	E5 * F5	\$ 3,458,285	
6 Residential Energy Assessments	929	7,716,668	\$ 5,756,868	\$ 2,836,229	11.5%	\$ 335,874	\$ 3,172,102	72.7130507%	E6 * F6	\$ 2,306,532	
7 Total for Residential Conservation Programs	41,885	241,740,474	\$ 171,272,602	\$ 64,566,534		\$ 12,528,465	\$ 77,094,999			\$ 56,058,125	
8 My Home Energy Report	93,425	340,819,517	\$ 22,236,642	\$ 12,765,286	11.5%	\$ 1,089,206	\$ 13,854,492	72.7130507%	E8 * F8	\$ 10,074,024	
9 Total Residential Conservation and Behavioral Programs	135,309	582,559,991	\$ 193,509,244	\$ 77,331,820		\$ 13,617,671	\$ 90,949,491			\$ 66,132,149	
								NC Residential Peak Demand Allocation Factor			
10 Power Manager*	533,506	-	\$ 61,923,998	\$ 14,423,610	11.5%	\$ 5,462,545	\$ 19,886,154	73.6287551%	43.675154%	(E10+E26) *F10 *G10	\$ 12,360,441
11 Total Residential	668,816	582,559,991	\$ 255,433,242	\$ 91,755,430		\$ 19,080,215	\$ 110,835,645				\$ 78,492,590
Non-Residential Programs											
EE Programs											
12 Non Residential Smart Saver Custom Technical Assessments	13	83,588	\$ 67,306	\$ 407,293	11.5%	\$ (39,099)	\$ 368,195	72.7130507%	E12 * F12	\$ 267,726	
13 Non Residential Smart Saver Custom	4,054	30,333,040	\$ 23,321,911	\$ 6,068,902	11.5%	\$ 1,984,096	\$ 8,052,998	72.7130507%	E13 * F13	\$ 5,855,580	
14 Non Residential Smart Saver Energy Efficient Food Service Products	59	744,066	\$ 433,191	\$ 235,605	11.5%	\$ 22,722	\$ 258,327	72.7130507%	E14 * F14	\$ 187,838	
15 Non Residential Smart Saver Energy Efficient HVAC Products	893	2,908,386	\$ 2,810,153	\$ 1,620,748	11.5%	\$ 136,782	\$ 1,757,530	72.7130507%	E16 * F16	\$ 1,277,953	
16 Non Residential Smart Saver Energy Efficient Lighting Products	31,548	177,845,339	\$ 146,378,119	\$ 25,872,380	11.5%	\$ 13,858,160	\$ 39,730,540	72.7130507%	E17 * F17	\$ 28,889,288	
17 Non Residential Smart Saver Energy Efficient Pumps and Drives Products	421	2,669,016	\$ 1,617,740	\$ 277,785	11.5%	\$ 154,095	\$ 431,880	72.7130507%	E18 * F18	\$ 314,033	
18 Non Residential Energy Efficient ITEE	-	17,639	\$ 3,025	\$ 36,875	11.5%	\$ (3,893)	\$ 32,982	72.7130507%	E19 * F19	\$ 23,982	
19 Non Residential Smart Saver Energy Efficient Process Equipment Products	75	331,222	\$ 226,724	\$ 67,509	11.5%	\$ 18,310	\$ 85,819	72.7130507%	E20 * F20	\$ 62,402	
20 Smart Saver(R) Non Residential Performance Incentive Program	168	3,271,186	\$ 1,671,783	\$ 479,610	11.5%	\$ 137,100	\$ 616,710	72.7130507%	E21 * F21	\$ 448,429	
21 Small Business Energy Saver	13,374	76,696,523	\$ 46,832,675	\$ 15,977,993	11.5%	\$ 3,548,288	\$ 19,526,282	72.7130507%	E22 * F22	\$ 14,198,155	
22 Smart Energy in Offices	310	1,488,592	\$ 143,284	\$ 219,748	11.5%	\$ (8,793)	\$ 210,954	72.7130507%	E23 * F23	\$ 153,391	
23 Total for Non-Residential Conservation Programs	50,914	296,388,596	\$ 223,505,910	\$ 51,264,448		\$ 19,807,768	\$ 71,072,216			\$ 51,678,777	
								NC Non-Residential Peak Demand Allocation Factor			
24 EnergyWise for Business	7,999	2,599,904	\$ 2,279,951	\$ 3,062,816	11.5%	\$ (90,029)	\$ 2,972,787	73.6287551%			
25 PowerShare*	332,631	-	\$ 36,012,634	\$ 12,922,977	11.5%	\$ 2,655,311	\$ 15,578,288	73.6287551%			
26 Total for Non-Residential DSM Programs	340,629	2,599,904	\$ 38,292,585	\$ 15,985,794		\$ 2,565,281	\$ 18,551,075	73.6287551%	56.324846%	(E10+E26) *F26 *G26	\$ 15,940,412
27 Total Non Residential	391,543.87415	298,988,500	\$ 261,798,495	\$ 67,250,242		\$ 22,373,049	\$ 89,623,291			\$ 67,619,189	
28 Total All Programs	1,060,360	881,548,492	\$ 517,231,737	\$ 159,005,671		\$ 41,453,264	\$ 200,458,936			\$ 146,111,779	

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Residential Programs											
EE Programs											
1 Energy Efficiency Education	841	6,713,787	\$ 2,519,645	\$ 1,644,077	11.5%	\$ 100,690	\$ 1,744,767	73.0903918%	E1 * F1	\$ 1,275,257	
2 Energy Efficient Appliances and Devices	31,844	187,571,870	\$ 102,716,013	\$ 40,433,533	11.5%	\$ 7,162,485	\$ 47,596,018	73.0903918%	E2 * F2	\$ 34,788,116	
3 HVAC Energy Efficiency	2,029	7,329,114	\$ 7,079,940	\$ 7,402,907	11.5%	\$ (37,141)	\$ 7,365,766	73.0903918%	E3 * F3	\$ 5,383,667	
4 Low Income Energy Efficiency and Weatherization Assistance	967	6,442,193	\$ 2,800,084	\$ 7,344,325	0.0%	\$ -	\$ 7,344,325	73.0903918%	E4 * F4	\$ 5,367,996	
5 Multi-Family Energy Efficiency	2,610	21,339,210	\$ 10,815,659	\$ 3,681,262	11.5%	\$ 820,456	\$ 4,501,718	73.0903918%	E5 * F5	\$ 3,290,323	
6 Residential Energy Assessments	946	7,886,916	\$ 4,413,585	\$ 3,153,757	11.5%	\$ 144,880	\$ 3,298,637	73.0903918%	E6 * F6	\$ 2,410,987	
7 Total for Residential Conservation Programs	39,238	237,283,091	\$ 130,344,926	\$ 63,659,861		\$ 8,191,370	\$ 71,851,232			\$ 52,516,346	
8 My Home Energy Report	89,435	325,184,686	\$ 22,952,523	\$ 10,558,344	11.5%	\$ 1,425,331	\$ 11,983,674	73.0903918%	E8 * F8	\$ 8,758,914	
9 Total Residential Conservation and Behavioral Programs	128,672	562,467,777	\$ 153,297,448	\$ 74,218,205		\$ 9,616,701	\$ 83,834,906			\$ 61,275,260	
								NC Residential Peak Demand Allocation Factor			
10 Power Manager®	568,235	-	\$ 69,783,157	\$ 13,386,942	11.5%	\$ 6,485,565	\$ 19,872,507	74.2414264%	45.955615%	(E10+E26) *F10 *G10	\$ 13,609,686
11 Total Residential	696,908	562,467,777	\$ 223,080,605	\$ 87,605,147		\$ 16,102,266	\$ 103,707,413			\$ 74,884,946	
	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	Incentive	System Revenue Requirement	NC Retail kWh Sales Allocation Factor		NC Non-Residential Revenue Requirement	
Non-Residential Programs											
EE Programs											
12 Non Residential Energy Efficient ITEE	-	11,262	\$ 1,385	\$ 44,335	11.5%	\$ (4,939)	\$ 39,395	73.0903918%	E12 * F12	\$ 28,794	
13 Non Residential Smart Saver Custom	10,109	52,522,612	\$ 35,884,367	\$ 8,873,872	11.5%	\$ 3,106,207	\$ 11,980,079	73.0903918%	E13 * F13	\$ 8,756,287	
14 Non Residential Smart Saver Custom Technical Assessments	148	1,930,762	\$ 691,285	\$ 296,006	11.5%	\$ 45,457	\$ 341,463	73.0903918%	E14 * F14	\$ 249,577	
15 Non Residential Smart Saver Energy Efficient Food Service Products	77	985,314	\$ 406,024	\$ 339,996	11.5%	\$ 7,593	\$ 347,589	73.0903918%	E16 * F16	\$ 254,054	
16 Non Residential Smart Saver Energy Efficient HVAC Products	1,697	7,535,327	\$ 5,519,013	\$ 2,208,364	11.5%	\$ 380,725	\$ 2,589,088	73.0903918%	E17 * F17	\$ 1,892,375	
17 Non Residential Smart Saver Energy Efficient Lighting Products	29,566	163,560,290	\$ 105,608,459	\$ 20,834,766	11.5%	\$ 9,748,975	\$ 30,583,741	73.0903918%	E18 * F18	\$ 22,353,776	
18 Non Residential Smart Saver Energy Efficient Process Equipment Products	111	732,043	\$ 416,343	\$ 119,843	11.5%	\$ 34,097	\$ 153,941	73.0903918%	E19 * F19	\$ 112,516	
19 Non Residential Smart Saver Energy Efficient Pumps and Drives Products	232	1,464,266	\$ 722,433	\$ 189,172	11.5%	\$ 61,325	\$ 250,497	73.0903918%	E20 * F20	\$ 183,089	
20 Smart Saver(R) Non Residential Performance Incentive Program	391	4,545,995	\$ 2,238,186	\$ 785,165	11.5%	\$ 167,097	\$ 952,262	73.0903918%	E21 * F21	\$ 696,012	
21 Small Business Energy Saver	10,403	57,747,534	\$ 28,628,598	\$ 11,421,399	11.5%	\$ 1,978,828	\$ 13,400,227	73.0903918%	E22 * F22	\$ 9,794,278	
22 Smart Energy in Offices	-	-	\$ -	\$ -	11.5%	\$ -	\$ -	73.0903918%	E23 * F23	\$ -	
23 Total for Non-Residential Conservation Programs	52,735	291,035,406	\$ 180,116,093	\$ 45,112,917		\$ 15,525,365	\$ 60,638,283			\$ 44,320,758	
								NC Non-Residential Peak Demand Allocation Factor			
24 EnergyWise for Business	11,714	5,135,154	\$ 3,395,640	\$ 3,687,462	11.5%	\$ (33,560)	\$ 3,653,902	74.2414264%			
25 PowerShare®	342,590	-	\$ 42,072,382	\$ 13,022,816	11.5%	\$ 3,340,700	\$ 16,363,516	74.2414264%			
26 Total for Non-Residential DSM Programs	354,304	5,135,154	\$ 45,468,022	\$ 16,710,278		\$ 3,307,141	\$ 20,017,419	74.2414264%	54.044385%	(E10+E26) *F26 *G26	\$ 16,005,163
27 Total Non Residential	407,039	296,170,559	\$ 225,584,116	\$ 61,823,195		\$ 18,832,506	\$ 80,655,701			\$ 60,325,921	
28 Total All Programs	1,103,947	858,638,336	\$ 448,664,721	\$ 149,428,343		\$ 34,934,771	\$ 184,363,114			\$ 135,210,868	

(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year, including impacts for participants from prior vintages
(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Duke Energy Carolinas
Fields Exhibit 1
Vintage 2020 True Up - January 1, 2020 to December 31, 2020
Docket Number E-7 Sub 1285
Load Impacts and Estimated Revenue Requirements by Program

			A	B	C	D =(A-B)*C	E =(B*D)	F	G	H
Residential Programs	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	Incentive	System Revenue Requirement	NC Retail kWh Sales Allocation Factor	NC Allocation Factor (2)	NC Residential Revenue Requirement
	EE Programs									
	1 Energy Efficiency Education	(276)	4,746,423	\$ 1,234,203	\$ 1,113,485	11.5%	\$ 13,883	\$ 1,127,367	73.2212736%	E1 * F1 \$ 825,473
	2 Energy Efficient Appliances and Devices	16,975	110,986,906	\$ 62,028,986	\$ 22,124,101	11.5%	\$ 4,589,062	\$ 26,713,163	73.2212736%	E2 * F2 \$ 19,559,718
	3 HVAC Energy Efficiency	2,190	7,689,428	\$ 7,811,427	\$ 7,538,303	11.5%	\$ 31,409	\$ 7,569,712	73.2212736%	E3 * F3 \$ 5,542,640
	4 Low Income Energy Efficiency and Weatherization Assistance	214	1,238,118	\$ 773,651	\$ 2,787,490	0.0%	\$ -	\$ 2,787,490	73.2212736%	E4 * F4 \$ 2,041,036
	5 Multi-Family Energy Efficiency	522	4,042,084	\$ 2,156,883	\$ 1,613,839	11.5%	\$ 62,450	\$ 1,676,289	73.2212736%	E5 * F5 \$ 1,227,400
	6 Residential Energy Assessments	944	7,891,628	\$ 4,582,748	\$ 3,358,880	11.5%	\$ 140,745	\$ 3,499,625	73.2212736%	E6 * F6 \$ 2,562,470
	7 Total for Residential Conservation Programs	20,570	136,594,586	\$ 78,587,898	\$ 38,536,099		\$ 4,837,548	\$ 43,373,647		\$ 31,758,737
	8 My Home Energy Report	90,279	328,510,581	\$ 23,467,660	\$ 12,749,651	11.5%	\$ 1,232,571	\$ 13,982,222	73.2212736%	E8 * F8 \$ 10,237,961
9 Total Residential Conservation and Behavioral Programs	110,849	465,105,167	\$ 102,055,558	\$ 51,285,750		\$ 6,070,119	\$ 57,355,869		\$ 41,996,698	
NC Residential Peak Demand Allocation Factor										
10 Power Manager®	593,227	-	\$ 74,785,083	\$ 14,303,277	11.5%	\$ 6,955,408	\$ 21,258,684	74.1953449%	45.442653%	(E10+E26) *F10 *G10 \$ 13,099,702
11 Total Residential	704,075	465,105,167	\$ 176,840,640	\$ 65,589,027		\$ 13,025,527	\$ 78,614,554			\$ 55,096,400
Non-Residential Programs	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	Incentive	System Revenue Requirement	NC Retail kWh Sales Allocation Factor		NC Non-Residential Revenue Requirement
	EE Programs									
	12 Non Residential Energy Efficient ITEE	-	9,917	\$ 1,734	\$ 15,179	11.5%	\$ (1,546)	\$ 13,632	73.2212736%	E12 * F12 \$ 9,982
	13 Non Residential Smart Saver Custom	4,785	21,156,703	\$ 15,898,503	\$ 5,771,790	11.5%	\$ 1,164,572	\$ 6,936,362	73.2212736%	E13 * F13 \$ 5,078,893
	14 Non Residential Smart Saver Custom Technical Assessments	76	1,413,836	\$ 518,862	\$ 330,629	11.5%	\$ 21,647	\$ 352,275	73.2212736%	E14 * F14 \$ 257,941
	15 Non Residential Smart Saver Energy Efficient Food Service Products	33	479,609	\$ 216,824	\$ 533,411	11.5%	\$ (36,407)	\$ 497,004	73.2212736%	E16 * F16 \$ 363,912
	16 Non Residential Smart Saver Energy Efficient HVAC Products	1,683	9,273,190	\$ 7,425,418	\$ 2,450,713	11.5%	\$ 572,091	\$ 3,022,804	73.2212736%	E17 * F17 \$ 2,213,336
	17 Non Residential Smart Saver Energy Efficient Lighting Products	18,365	109,556,031	\$ 71,995,510	\$ 13,098,851	11.5%	\$ 6,773,116	\$ 19,871,967	73.2212736%	E18 * F18 \$ 14,550,507
	18 Non Residential Smart Saver Energy Efficient Process Equipment Products	206	567,122	\$ 236,299	\$ 29,681	11.5%	\$ 23,761	\$ 53,442	73.2212736%	E19 * F19 \$ 39,131
	19 Non Residential Smart Saver Energy Efficient Pumps and Drives Products	225	1,403,243	\$ 758,367	\$ 167,464	11.5%	\$ 67,954	\$ 235,418	73.2212736%	E20 * F20 \$ 172,376
20 Smart Saver(R) Non Residential Performance Incentive Program	223	5,961,326	\$ 2,035,780	\$ 751,724	11.5%	\$ 147,666	\$ 899,391	73.2212736%	E21 * F21 \$ 658,545	
21 Small Business Energy Saver	5,718	30,315,123	\$ 15,587,393	\$ 6,933,130	11.5%	\$ 995,240	\$ 7,928,370	73.2212736%	E22 * F22 \$ 5,805,254	
22 Smart Energy in Offices	-	-	\$ -	\$ -	11.5%	\$ -	\$ -	73.2212736%		E23 * F23 \$ -
23 Total for Non-Residential Conservation Programs	31,314	180,136,100	\$ 114,674,690	\$ 30,082,573		\$ 9,728,094	\$ 39,810,666			\$ 29,149,877
NC Non-Residential Peak Demand Allocation Factor										
24 EnergyWise for Business	11,854	2,602,452	\$ 2,504,602	\$ 2,941,282	11.5%	\$ (50,218)	\$ 2,891,064	74.1953449%		
25 PowerShare®	276,583	-	\$ 34,867,428	\$ 12,082,697	11.5%	\$ 2,620,244	\$ 14,702,941	74.1953449%		
26 Total for Non-Residential DSM Programs	288,437	2,602,452	\$ 37,372,030	\$ 15,023,979		\$ 2,570,026	\$ 17,594,004	74.1953449%	54.557347%	(E10+E26) *F26 *G26 \$ 15,727,184
27 Total Non Residential	319,751	182,738,552	\$ 152,046,720	\$ 45,106,551		\$ 12,298,119	\$ 57,404,671			\$ 44,877,061
28 Total All Programs	1,023,826	647,843,719	\$ 328,887,360	\$ 110,695,578		\$ 25,323,646	\$ 136,019,225			\$ 99,973,461

- (1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year, including impacts for participants from prior vintages
(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Duke Energy Carolinas
Fields Exhibit 1
Vintage 2021 True Up - January 1, 2021 to December 31, 2021
Docket Number E-7 Sub 1285
Load Impacts and Estimated Revenue Requirements by Program

	A	B	C	D	E	F	G	H			
				= (A-B) * C	= (B+D)						
	System kW Reduction - Summer Peak	System kW Reduction - Winter Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	Incentive	System Revenue Requirement	NC Retail kWh Sales Allocation Factor	NC Allocation Factor (2)	NC Residential Revenue Requirement
Residential Programs											
EE Programs											
1 Energy Efficiency Education	(1,192)	40	7,013,162	\$ 1,513,478	\$ 1,147,501	11.5%	\$ 42,087	\$ 1,189,588	73.5233682%		E1 * F1 \$ 874,625
2 Energy Efficient Appliances and Devices	8,813	6,584	51,700,635	\$ 25,474,094	\$ 10,824,171	11.5%	\$ 1,684,741	\$ 12,508,912	73.5233682%		E2 * F2 \$ 9,196,973
3 Residential Smart Saver Energy Efficiency	2,556	2,713	9,425,675	\$ 8,402,753	\$ 8,156,036	11.5%	\$ 28,372	\$ 8,184,408	73.5233682%		E3 * F3 \$ 6,017,453
4 Low Income Energy Efficiency and Weatherization Assistance	325	376	1,599,643	\$ 1,077,736	\$ 4,634,161	0.0%	\$ -	\$ 4,634,161	73.5233682%		E4 * F4 \$ 3,407,192
5 Multi-Family Energy Efficiency	302	361	2,080,199	\$ 1,020,435	\$ 517,454	11.5%	\$ 57,843	\$ 575,296	73.5233682%		E5 * F5 \$ 422,977
6 Residential Energy Assessments	748	573	6,590,951	\$ 3,278,832	\$ 3,326,179	11.5%	\$ (5,445)	\$ 3,320,734	73.5233682%		E6 * F6 \$ 2,441,516
7 Total for Residential Conservation Programs	11,552	10,646	78,410,264	\$ 40,767,328	\$ 28,605,502		\$ 1,807,599	\$ 30,413,100			\$ 22,360,736
8 My Home Energy Report	64,713	51,826	348,783,481	\$ 18,281,223	\$ 7,072,233	11.5%	\$ 1,289,034	\$ 8,361,267	73.5233682%		E8 * F8 \$ 6,147,485
9 Total Residential Conservation and Behavioral Programs	76,266	62,472	427,193,746	\$ 59,048,551	\$ 35,677,734		\$ 3,096,633	\$ 38,774,367			\$ 28,508,221
NC Residential Peak Demand Allocation Factor											
10 Power Manager®	456,664	-	-	\$ 57,584,854	\$ 16,829,058	11.5%	\$ 4,686,917	\$ 21,515,975	74.3563771%	47.000070%	(E10+E26) * F10 * G10 \$ 14,259,587
11 Total Residential	532,929	62,472	427,193,746	\$ 116,633,405	\$ 52,506,792		\$ 7,783,549	\$ 60,290,342			\$ 42,767,808
Non-Residential Programs											
EE Programs											
12 Non Residential Energy Efficient ITEE	-	-	2,353	\$ 416	\$ 74,699	11.5%	\$ (8,543)	\$ 66,156	73.5233682%		E12 * F12 \$ 48,640
13 Non Residential Smart Saver Custom	6,572	4,125	30,798,533	\$ 19,324,372	\$ 7,505,201	11.5%	\$ 1,359,205	\$ 8,864,406	73.5233682%		E13 * F13 \$ 6,517,410
14 Non Residential Smart Saver Custom Technical Assessments	110	6	921,248	\$ 432,158	\$ 293,539	11.5%	\$ 15,941	\$ 309,480	73.5233682%		E14 * F14 \$ 227,540
15 Non Residential Smart Saver Energy Efficient Food Service Products	82	78	1,221,948	\$ 490,896	\$ 203,130	11.5%	\$ 33,093	\$ 236,223	73.5233682%		E16 * F16 \$ 173,679
16 Non Residential Smart Saver Energy Efficient HVAC Products	3,327	5,263	21,060,332	\$ 14,904,327	\$ 4,899,800	11.5%	\$ 1,150,521	\$ 6,050,320	73.5233682%		E17 * F17 \$ 4,448,399
17 Non Residential Smart Saver Energy Efficient Lighting Products	20,321	19,280	116,765,282	\$ 68,937,962	\$ 17,924,291	11.5%	\$ 5,866,572	\$ 23,790,863	73.5233682%		E18 * F18 \$ 17,491,844
18 Non Residential Smart Saver Energy Efficient Process Equipment Products	117	117	824,803	\$ 257,010	\$ 87,540	11.5%	\$ 19,489	\$ 107,029	73.5233682%		E19 * F19 \$ 78,691
19 Non Residential Smart Saver Energy Efficient Pumps and Drives Products	239	244	1,522,100	\$ 666,967	\$ 202,615	11.5%	\$ 53,401	\$ 256,016	73.5233682%		E20 * F20 \$ 188,231
20 Smart Saver(R) Non Residential Performance Incentive Program	1,039	1,014	8,247,437	\$ 4,200,059	\$ 342,826	11.5%	\$ 443,582	\$ 786,408	73.5233682%		E21 * F21 \$ 578,193
21 Small Business Energy Saver	6,325	7,486	35,056,241	\$ 16,391,449	\$ 8,935,952	11.5%	\$ 857,382	\$ 9,793,334	73.5233682%		E22 * F22 \$ 7,200,389
22 Smart Energy in Offices	-	-	-	\$ -	\$ -	11.5%	\$ -	\$ -	73.5233682%		E23 * F23 \$ -
23 Total for Non-Residential Conservation Programs	38,133	37,612	216,420,278	\$ 125,605,617	\$ 40,469,592		\$ 9,790,643	\$ 50,260,235			\$ 36,953,016
NC Non-Residential Peak Demand Allocation Factor											
24 EnergyWise for Business	11,564	232	1,436,361	\$ 1,964,689	\$ 2,463,194	11.5%	\$ (57,328)	\$ 2,405,866	74.3563771%		
25 PowerShare®	335,086	311,630		\$ 42,254,098	\$ 13,583,912	11.5%	\$ 3,297,071	\$ 16,880,983	74.3563771%		
26 Total for Non-Residential DSM Programs	346,651	311,862	1,436,361	\$ 44,218,787	\$ 16,047,106		\$ 3,239,743	\$ 19,286,849	74.3563771%	52.999930%	(E10+E26) * F26 * G26 \$ 16,079,915
27 Total Non Residential	384,784	349,474	217,856,640	\$ 169,824,404	\$ 56,516,699		\$ 13,030,386	\$ 69,547,085			\$ 53,032,931
28 Total All Programs	917,713	411,947	645,050,386	\$ 286,457,809	\$ 109,023,491		\$ 20,813,936	\$ 129,837,426			\$ 95,800,739

(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year, including impacts for participants from prior vintages

(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Duke Energy Carolinas
Fields Exhibit 1
Vintage 2022 True Up - January 1, 2022 to December 31, 2022
Docket Number E-7, Sub 1285
Load Impacts and Estimated Revenue Requirements by Program

	A	B	C	D	E	F	G	H	I			
						=A*C*D*UCT Ratio	=(A-B)*C*D					
Residential Programs	System kW Reduction - Summer Peak	System kW Reduction - Winter Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	NC Retail kWh Sales Allocation Factor	NC Allocated Total Cost	NC PRI	NC PPI	NC PPI Cap Reduction	NC Revenue Requirement
EE Programs												
1 Energy Efficiency Education	(996)	33	5,862,809	\$ 1,329,554	\$ 1,084,925	10.6%	73.8925998%	\$ 801,679		\$ 19,161		\$ 820,840
2 Energy Efficient Appliances and Devices	14,451	11,966	95,753,301	\$ 50,016,991	\$ 16,409,006	10.6%	73.8925998%	\$ 12,125,041		\$ 2,632,384		\$ 14,757,426
3 Low Income Energy Efficiency and Weatheriza	1,053	1,006	3,553,027	\$ 3,281,889	\$ 7,133,288	10.6%	73.8925998%	\$ 5,270,972	\$ 156,298			\$ 5,427,270
4 Multi-Family Energy Efficiency	737	961	5,374,930	\$ 2,788,411	\$ 988,815	10.6%	73.8925998%	\$ 730,661		\$ 140,955		\$ 871,617
5 Residential Energy Assessments	581	451	5,120,221	\$ 2,720,722	\$ 2,479,177	10.6%	73.8925998%	\$ 1,831,928		\$ 18,919		\$ 1,850,847
6 Residential New Construction	163	168	505,459	\$ 659,766	\$ 394,334	10.6%	73.8925998%	\$ 291,384		\$ 20,790		\$ 312,174
7 Residential Smart Saver Energy Efficiency	2,563	2,626	9,382,811	\$ 8,805,522	\$ 7,649,994	10.6%	73.8925998%	\$ 5,652,780		\$ 90,508		\$ 5,743,288
8 Total for Residential Conservation Programs	18,553	17,210	125,562,558	\$ 69,602,854	\$ 36,139,540			\$ 26,704,446	\$ 156,298	\$ 2,922,718	\$ -	\$ 29,783,462
9 My Home Energy Report	67,095	53,733	361,618,365	\$ 18,862,829	\$ 6,299,112	10.6%	73.8925998%	\$ 4,654,578		\$ 984,068		\$ 5,638,645
10 Total Residential Conservation and Behavioral	85,647	70,943	487,170,923	\$ 88,465,683	\$ 42,438,652			\$ 31,359,024	\$ 156,298	\$ 3,906,786	\$ -	\$ 35,422,108
							NC Residential Peak Demand Allocation Factor					
11 Power Manager®	573,826	12,416	-	\$ 73,997,721	\$ 17,695,334	10.6%	72.9576004%	\$ 12,910,091		\$ 4,354,148		\$ 17,264,239
12 Total Residential Demand Response Programs	573,826	12,416	-	\$ 73,997,721	\$ 17,695,334	10.6%	72.9576004%	\$ 12,910,091	\$ -	\$ 4,354,148	\$ (1,052,341)	\$ 16,211,899
12 Total Residential	659,473	83,359	487,170,923	\$ 162,463,404	\$ 60,133,986			\$ 44,269,115	\$ 156,298	\$ 8,260,934	\$ (1,052,341)	\$ 51,634,006
Non-Residential Programs	System kW Reduction - Summer Peak	System kW Reduction - Winter Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	NC Retail kWh Sales Allocation Factor	NC Allocated Total Cost	NC PRI	NC PPI	NC PPI Cap Reduction	NC Revenue Requirement
EE Programs												
13 Non Residential Energy Efficient ITEE	-	-	97,843	\$ 19,013	\$ 22,448	10.6%	73.8925998%	\$ 16,587		\$ (269)		\$ 16,318
14 Non Residential Smart Saver Custom	4,213	3,700	21,230,192	\$ 14,657,385	\$ 6,582,196	10.6%	73.8925998%	\$ 4,863,756		\$ 632,499		\$ 5,496,254
15 Non Residential Smart Saver Custom Technica	60	111	822,162	\$ 487,004	\$ 255,963	10.6%	73.8925998%	\$ 189,138		\$ 18,097		\$ 207,234
16 Non Residential Smart Saver Energy Efficient	38	34	740,565	\$ 297,177	\$ 180,539	10.6%	73.8925998%	\$ 133,405		\$ 9,136		\$ 142,541
17 Non Residential Smart Saver Energy Efficient	2,489	3,018	19,522,815	\$ 12,252,034	\$ 3,854,304	10.6%	73.8925998%	\$ 2,848,045		\$ 657,762		\$ 3,505,807
18 Non Residential Smart Saver Energy Efficient NR E-2, Sub 1180 Adjustment (AEC)	17,215	16,390	94,248,537	\$ 60,136,829	\$ 16,399,250	10.6%	73.8925998%	\$ 12,117,832		\$ 3,425,796		\$ 15,543,629
19 Non Residential Smart Saver Energy Efficient	11	12	102,938	\$ 40,207	\$ 39,421	10.6%	100.0000000%	\$ 468,065		\$ -		\$ 468,065
20 Non Residential Smart Saver Energy Efficient	172	176	1,163,223	\$ 512,344	\$ 191,769	10.6%	73.8925998%	\$ 29,129		\$ 62		\$ 29,191
21 Smart Saver(R) Non Residential Performance I	5,485	5,299	3,676,020	\$ 9,515,713	\$ 2,345,141	10.6%	73.8925998%	\$ 1,732,886		\$ 25,109		\$ 166,812
22 Small Business Energy Saver	7,573	8,301	40,074,276	\$ 22,073,030	\$ 9,314,994	10.6%	73.8925998%	\$ 6,883,091		\$ 999,288		\$ 7,882,379
23 Smart Energy in Offices	-	-	-	\$ -	\$ -	10.6%	73.8925998%	\$ -		\$ -		\$ -
24 Total for Non-Residential Conservation Progra	37,258	37,043	181,678,572	\$ 119,990,735	\$ 39,654,090			\$ 29,423,638	\$ -	\$ 6,329,122	\$ (174,423)	\$ 35,578,337
							NC Non-Residential Peak Demand Allocation Factor					
24 EnergyWise for Business	7,249	464	244,116	\$ 1,020,153	\$ 2,272,743	10.6%	72.9576004%	\$ 1,658,139		\$ (96,869)		\$ 1,561,270
25 PowerShare®	426,830	396,952	-	\$ 54,349,652	\$ 17,737,718	10.6%	72.9576004%	\$ 12,941,013		\$ 2,831,386		\$ 15,772,399
26 Total for Non-Residential DSM Programs	434,080	397,416	244,116	\$ 55,369,805	\$ 20,010,461		72.9576004%	\$ 14,599,152	\$ -	\$ 2,734,517	\$ -	\$ 17,333,669
27 Total Non Residential	471,338	434,459	181,922,688	\$ 175,360,540	\$ 59,664,551			\$ 44,022,790	\$ -	\$ 9,063,639	\$ (174,423)	\$ 52,912,006
28 Total All Programs	1,130,811	517,818	669,003,611	\$ 337,823,944	\$ 119,798,537			\$ 88,291,904	\$ 156,298	\$ 17,324,573	\$ (1,226,764)	\$ 104,546,012
	-	-	-	\$ -	\$ -							
(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year, including impacts for participants from prior vintages								\$ 82,552,868	max NC PPI	\$ 16,097,809.18		
(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak												

(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year, including impacts for participants from prior vintages
(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak

Duke Energy Carolinas
Fields Exhibit 1
Vintage 2024 Estimate - January 1, 2024 to December 31, 2024
Docket Number E-7, Sub 1285
Load Impacts and Estimated Revenue Requirements by Program

	A	B	C	D	E	F	G	H	I			
						=A*C*D	=(A-B)*C*D					
	System kW Reduction - Summer Peak	System kW Reduction - Winter Peak	System Energy Reduction (kWh)	System NPV of Avoided Costs	Total Cost	Shared Savings %	NC Retail kWh Sales Allocation Factor	NC Allocated Total Cost	NC PRI	NC PPI	NC PPI Cap Reduction	NC Residential Revenue Requirement
Residential Programs												
EE Programs												
1 Energy Efficiency Education	(2,021)	67	11,893,795	\$ 2,537,623	\$ 2,323,870	10.6%	73.8925998%	\$ 1,717,168		\$ 16,742		\$ 1,733,910
2 Energy Efficient Appliances and Devices	3,922	6,893	30,907,435	\$ 20,125,871	\$ 4,452,044	10.6%	73.8925998%	\$ 3,289,731		\$ 1,227,671		\$ 4,517,401
3 Low Income Energy Efficiency and Weatherization Assistance	1,555	1,438	5,468,776	\$ 5,893,640	\$ 8,807,135	10.6%	73.8925998%	\$ 6,507,821	\$ 461,626			\$ 6,969,447
4 Multi-Family Energy Efficiency	1,381	2,632	12,731,495	\$ 7,926,573	\$ 1,890,393	10.6%	73.8925998%	\$ 1,396,861		\$ 472,791		\$ 1,869,651
5 Residential Energy Assessments	1,673	1,340	15,374,141	\$ 8,782,495	\$ 7,187,986	10.6%	73.8925998%	\$ 5,311,389		\$ 124,892		\$ 5,436,281
6 Residential New Construction	4,729	4,940	17,649,052	\$ 26,461,729	\$ 12,879,538	10.6%	73.8925998%	\$ 9,517,025		\$ 1,063,841		\$ 10,580,866
7 Residential Smart Saver Energy Efficiency	1,835	2,028	7,041,190	\$ 8,253,222	\$ 6,624,441	10.6%	73.8925998%	\$ 4,894,971		\$ 127,576		\$ 5,022,548
8 Total for Residential Conservation Programs	13,073	19,338	101,065,884	\$ 79,981,153	\$ 44,165,406			\$ 32,634,966	461,626	\$ 3,033,513	-	\$ 36,130,105
9 My Home Energy Report	69,101	55,339	372,429,514	\$ 22,583,768	\$ 8,168,321	10.6%	73.8925998%	\$ 6,035,785		\$ 1,129,107		\$ 7,164,891
10 Total Residential Conservation and Behavioral Programs	82,174	74,677	473,495,398	\$ 102,564,921	\$ 52,333,726			\$ 38,670,751	\$ 461,626	\$ 4,162,619	\$ -	\$ 43,294,996
							NC Residential Peak Demand Allocation Factor					
11 Power Manager®	593,572	65,283	-	\$ 109,372,304	\$ 24,875,563	10.6%	72.9576004%	\$ 18,148,614		\$ 6,534,560		\$ 24,683,174
12 Total Residential Demand Response Programs	593,572	65,283	-	\$ 109,372,304	\$ 24,875,563	10.6%	72.9576004%	\$ 18,148,614	\$ -	\$ 6,534,560	\$ (2,855,525)	\$ 21,827,649
12 Total Residential	675,746	139,960	473,495,398	\$ 211,937,225	\$ 77,209,289			\$ 56,819,365	\$ 461,626	\$ 10,697,180	\$ (2,855,525)	\$ 65,122,646

(1) My Home Energy Report impacts reflect cumulative capability as of end of vintage year, including impacts for participants from prior vintages
(2) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak