

Duke Energy Carolinas
 Fields Exhibit 1
 Vintage 2019 True Up - January 1, 2019 to December 31, 2019
 Docket Number E-7, Sub 1305
 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 (Z)	NC Residential Revenue Requirement
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	952	7,914,270	\$ 4,433,237	\$ 3,153,757	11.5%	\$ 147,140	\$ 3,300,897	73.0903918%		E6 * F6 \$ 2,412,639
7 Total for Residential Conservation Programs	39,244	237,310,444	\$ 130,364,578	\$ 63,659,861		\$ 8,193,630	\$ 71,853,492			\$ 52,517,998
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	128,679	562,495,130	\$ 153,317,101	\$ 74,218,205		\$ 9,618,961	\$ 83,837,166			\$ 61,276,912
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 \$ 13,609,891
11 Total Residential	696,914	562,495,130	\$ 223,100,258	\$ 87,605,147		\$ 16,104,526	\$ 103,709,673			\$ 74,886,803
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	78	997,611	\$ 412,886	\$ 339,996	11.5%	\$ 8,382	\$ 348,378	73.0903918%		E16 * F16 \$ 254,631
16 Non Residential Smart Saver Energy Efficient HVAC Products	1,696	7,533,194	\$ 5,516,665	\$ 2,208,364	11.5%	\$ 380,455	\$ 2,588,818	73.0903918%		E17 * F17 \$ 1,892,178
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	1,460,589	\$ 720,816	\$ 189,172	11.5%	\$ 61,139	\$ 250,311	73.0903918%		E20 * F20 \$ 182,953
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	291,041,892	\$ 180,118,991	\$ 45,112,917		\$ 15,525,698	\$ 60,638,616			\$ 44,321,002
NC Non-Residential Peak Demand Allocation Factor										
24 EnergyWise for Business	11,716	5,148,231	\$ 3,400,854	\$ 3,687,462	11.5%	\$ (32,960)	\$ 3,654,502	74.2414264%		\$ 2,718,264
25 Powershare*	342,590	-	\$ 42,072,382	\$ 13,022,816	11.5%	\$ 3,340,700	\$ 16,363,516	74.2414264%		\$ 12,049,300
26 Total for Non-Residential DSM Programs	354,306	5,148,231	\$ 45,473,236	\$ 16,710,278		\$ 3,307,740	\$ 20,018,018	74.2414264%	54.044385%	(E10+E26) *F26 *G26 \$ 16,005,404
27 Total Non Residential	407,041	296,190,124	\$ 225,592,227	\$ 61,823,195		\$ 18,833,439	\$ 80,656,634			\$ 60,326,406
28 Total All Programs	1,103,955	858,685,253	\$ 448,692,484	\$ 149,428,343		\$ 34,937,964	\$ 184,366,307			\$ 135,213,209

(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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Residential Programs										
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	968	7,948,755	\$ 4,633,347	\$ 3,358,880	11.5%	\$ 146,564	\$ 3,505,444	73.2212736%		E6 * F6 \$ 2,566,731
7 Total for Residential Conservation Programs	20,594	136,651,712	\$ 78,638,497	\$ 38,536,099		\$ 4,843,367	\$ 43,379,466			\$ 31,762,998
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	110,873	465,162,293	\$ 102,106,157	\$ 51,285,750		\$ 6,075,938	\$ 57,361,688			\$ 42,000,959
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 \$ 13,099,723
11 Total Residential	704,099	465,162,293	\$ 176,891,240	\$ 65,589,027		\$ 13,031,346	\$ 78,620,373			\$ 55,100,682
Non-Residential Programs										
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	35	502,870	\$ 230,241	\$ 533,411	11.5%	\$ (34,865)	\$ 498,546	73.2212736%		E16 * F16 \$ 365,042
16 Non Residential Smart Saver Energy Efficient HVAC Products	1,682	9,270,812	\$ 7,423,034	\$ 2,450,713	11.5%	\$ 571,817	\$ 3,022,530	73.2212736%		E17 * F17 \$ 2,213,135
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	1,402,429	\$ 757,993	\$ 167,464	11.5%	\$ 67,911	\$ 235,375	73.2212736%		E20 * F20 \$ 172,345
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	31,315	180,156,170	\$ 114,685,349	\$ 30,082,573		\$ 9,729,319	\$ 39,811,892			\$ 29,150,775
NC Non-Residential Peak Demand Allocation Factor										
24 EnergyWise for Business	11,854	2,604,631	\$ 2,505,142	\$ 2,941,282	11.5%	\$ (50,156)	\$ 2,891,126	74.1953449%		\$ 2,172,210
25 Powershare*	276,583	-	\$ 34,867,428	\$ 12,082,697	11.5%	\$ 2,620,244	\$ 14,702,941	74.1953449%		\$ 10,854,545
26 Total for Non-Residential DSM Programs	288,437	2,604,631	\$ 37,372,570	\$ 15,023,979		\$ 2,570,088	\$ 17,594,067	74.1953449%	54.557347%	(E10+E26) *F26 *G26 \$ 15,727,210
27 Total Non Residential	319,752	182,760,801	\$ 152,057,918	\$ 45,106,551		\$ 12,299,407	\$ 57,405,958			\$ 44,877,985
28 Total All Programs	1,023,852	647,923,094	\$ 328,949,158	\$ 110,695,578		\$ 25,330,753	\$ 136,026,331			\$ 99,978,667

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 (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 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	8,403	6,516	51,081,901	\$ 25,158,289	\$ 10,824,171	11.5%	\$ 1,648,424	\$ 12,472,594	73.5233682%		E2 * F2 \$ 9,170,271	
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 Saver Energy and Weatherization Assistance	247	458	1,563,611	\$ 1,211,879	\$ 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	912	775	6,239,552	\$ 3,371,837	\$ 3,326,179	11.5%	\$ 5,251	\$ 3,331,430	73.5233682%		E6 * F6 \$ 2,449,379	
7 Total for Residential Conservation Programs	11,228	10,862	77,404,098	\$ 40,678,671	\$ 28,605,502		\$ 1,781,977	\$ 30,387,478			\$ 22,341,897	
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	75,941	62,688	426,187,580	\$ 58,959,894	\$ 35,677,734		\$ 3,071,011	\$ 38,748,745			\$ 28,489,382	
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	532,604	62,688	426,187,580	\$ 116,544,748	\$ 52,506,792		\$ 7,757,927	\$ 60,264,720			\$ 42,748,969	
Non-Residential Programs												
EE Programs												
12 Non Residential Energy Efficient ITTEE	-	-	1,984	\$ 350	\$ 74,699	11.5%	\$ (8,550)	\$ 66,149	73.5233682%		E12 * F12 \$ 48,635	
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	155	146	2,131,483	\$ 845,322	\$ 203,130	11.5%	\$ 79,852	\$ 276,982	73.5233682%		E16 * F16 \$ 203,847	
16 Non Residential Smart Saver Energy Efficient HVAC Products	2,156	1,150	9,345,735	\$ 4,920,121	\$ 4,899,800	11.5%	\$ 2,337	\$ 4,902,137	73.5233682%		E17 * F17 \$ 3,604,216	
17 Non Residential Smart Saver Energy Efficient Lighting Products	16,154	13,681	92,616,459	\$ 53,677,989	\$ 17,924,291	11.5%	\$ 4,111,675	\$ 22,035,966	73.5233682%		E18 * F18 \$ 16,201,585	
18 Non Residential Smart Saver Energy Efficient Pumps and Drives Products	100	100	705,896	\$ 219,997	\$ 87,540	11.5%	\$ 15,233	\$ 102,773	73.5233682%		E19 * F19 \$ 75,562	
19 Non Residential Smart Saver Energy Efficient Pumps and Drives Products	205	209	1,303,771	\$ 571,620	\$ 202,615	11.5%	\$ 42,436	\$ 245,051	73.5233682%		E20 * F20 \$ 180,169	
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	32,816	27,917	181,128,787	\$ 100,583,438	\$ 40,469,592		\$ 6,913,092	\$ 47,382,685			\$ 34,837,346	
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%		\$ 1,780,169	
25 PowerShare*	335,086	311,630	-	\$ 42,254,098	\$ 13,583,912	11.5%	\$ 3,297,071	\$ 16,880,983	74.3563771%		\$ 12,583,912	
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	379,467	339,779	182,565,149	\$ 144,802,225	\$ 56,516,699		\$ 10,152,836	\$ 66,669,534			\$ 50,917,261	
28 Total All Programs	912,071	402,467	608,752,729	\$ 261,346,972	\$ 109,023,491		\$ 17,910,763	\$ 126,934,254			\$ 93,666,230	

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	System kW Reduction - Summer 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
	System kW Reduction - Winter Peak	System Energy Reduction (kWh)						=A*C*D*UCT Ratio	=A*B*C*TO			
Residential Programs												
EE Programs												
1 Energy Efficiency Education	(44)	1,032	6,661,230	\$ 2,430,965	\$ 1,084,925	10.6%	73.8925998%	\$ 801,879		\$ 105,109		\$ 806,988
2 Energy Efficient Appliances and Devices	13,767	10,107	88,937,184	\$ 45,628,286	\$ 16,409,006	10.6%	73.8925998%	\$ 12,125,041		\$ 2,288,634		\$ 14,413,675
3 Low Income Energy Efficiency and Weatherization Assistance	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	666	923	3,755,534	\$ 2,295,512	\$ 2,479,177	10.6%	73.8925998%	\$ 1,831,928		\$ (14,070)		\$ 1,817,858
6 Residential New Construction	163	168	505,460	\$ 659,767	\$ 394,334	10.6%	73.8925998%	\$ 291,384		\$ 20,790		\$ 312,174
7 Residential Smart Saver Energy Efficiency	3,833	2,028	17,146,001	\$ 12,231,762	\$ 7,649,994	10.6%	73.8925998%	\$ 5,652,780		\$ 358,872		\$ 6,011,652
8 Total for Residential Conservation Programs	20,176	15,863	123,353,366	\$ 69,316,492	\$ 36,139,540			\$ 26,704,446	\$ 156,298	\$ 2,900,288	\$ -	\$ 29,761,033
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		\$ 988,068		\$ 5,638,645
10 Total Residential Conservation and Behavioral Programs	87,271	69,596	488,951,731	\$ 88,179,322	\$ 42,438,652			\$ 31,359,024	\$ 156,298	\$ 3,888,356	\$ -	\$ 35,295,678
NC Residential Peak Demand Allocation Factor												
11 Power Manager*	573,826	12,416	-	\$ 73,681,698	\$ 17,695,334	10.6%	72.9576004%	\$ 12,910,091		\$ 4,329,709		\$ 17,239,800
12 Total Residential Demand Response Programs	573,826	12,416	-	\$ 73,681,698	\$ 17,695,334	10.6%	72.9576004%	\$ 12,910,091	\$ -	\$ 4,329,709	\$ -	\$ 17,239,800
13 Total Residential	661,097	82,012	488,951,731	\$ 163,861,020	\$ 60,133,986			\$ 44,269,115	\$ 156,298	\$ 8,214,065	\$ -	\$ 52,639,478
Non-Residential Programs												
EE Programs												
13 Non Residential Energy Efficient PTEE	-	-	68,255	\$ 13,391	\$ 22,448	10.6%	73.8925998%	\$ 16,587		\$ (709)		\$ 15,878
14 Non Residential Smart Saver Custom	4,248	3,703	21,408,437	\$ 14,755,138	\$ 6,582,196	10.6%	73.8925998%	\$ 4,863,756		\$ 640,155		\$ 5,503,911
15 Non Residential Smart Saver Custom Technical Assessments	60	111	822,162	\$ 487,004	\$ 255,963	10.6%	73.8925998%	\$ 189,138		\$ 28,097		\$ 207,234
16 Non Residential Smart Saver Energy Efficient Food Service Products	76	68	1,352,502	\$ 553,775	\$ 180,539	10.6%	73.8925998%	\$ 133,405		\$ 29,234		\$ 162,639
17 Non Residential Smart Saver Energy Efficient HVAC Products	1,782	894	8,984,991	\$ 5,302,187	\$ 3,854,304	10.6%	73.8925998%	\$ 2,848,045		\$ 113,407		\$ 2,961,453
18 Non Residential Smart Saver Energy Efficient Lighting Products	13,499	11,412	71,151,111	\$ 46,600,697	\$ 16,399,250	10.6%	73.8925998%	\$ 12,117,832		\$ 2,365,563		\$ 14,483,396
NR E-Z, Sub 1180 Adjustment (AIC)	-	-	1,619,707	\$ 468,065	\$ -	10.6%	100.0000001%	\$ 468,065		\$ -		\$ 468,065
19 Non Residential Smart Saver Energy Efficient Process Equipment Products	10	10	88,175	\$ 34,435	\$ 39,421	10.6%	73.8925998%	\$ 29,129		\$ (391)		\$ 28,739
20 Non Residential Smart Saver Energy Efficient Pumps and Drives Products	147	151	996,285	\$ 493,139	\$ 191,769	10.6%	73.8925998%	\$ 141,703		\$ 19,376		\$ 161,079
21 Smart Saver(R) Non Residential Performance Incentive Program	5,485	5,300	3,678,448	\$ 9,517,172	\$ 2,365,141	10.6%	73.8925998%	\$ 1,732,886		\$ 563,758		\$ 2,296,643
22 Small Business Energy Saver	7,783	8,511	40,860,668	\$ 22,687,358	\$ 9,314,994	10.6%	73.8925998%	\$ 6,883,091		\$ 1,047,406		\$ 7,930,497
23 Smart Energy in Offices	-	-	-	\$ -	\$ -	10.6%	73.8925998%	\$ -		\$ -		\$ -
24 Total for Non-Residential Conservation Programs	33,090	30,160	155,014,641	\$ 100,390,294	\$ 39,654,090			\$ 29,423,638	\$ -	\$ 4,793,895	\$ -	\$ 34,217,533
NC Non-Residential Peak Demand Allocation Factor												
24 EnergyWise for Business	7,803	615	1,250,328	\$ 1,445,122	\$ 2,272,743	10.6%	72.9576004%	\$ 1,658,139		\$ (64,004)		\$ 1,594,135
25 PowerShare*	426,830	396,952	-	\$ 54,349,652	\$ 17,927,718	10.6%	72.9576004%	\$ 12,941,013		\$ 2,851,386		\$ 15,792,399
26 Total for Non-Residential DSM Programs	434,333	397,567	1,250,328	\$ 55,794,773	\$ 20,010,461			\$ 14,599,152	\$ -	\$ 2,767,382	\$ -	\$ 17,366,534
27 Total Non Residential	467,423	427,727	156,304,969	\$ 156,185,068	\$ 59,664,551			\$ 44,022,790	\$ -	\$ 7,561,277	\$ -	\$ 51,584,067
28 Total All Programs	1,128,520	609,739	643,256,700	\$ 318,046,087	\$ 119,798,537			\$ 88,291,904	\$ 156,298	\$ 15,775,342	\$ -	\$ 104,223,544

(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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Duke Energy Carolinas
 Fields Exhibit 1
 Vintage 2023 True Up - January 1, 2023 to December 31, 2023
 Docket Number E-7, Sub 1305
 Load Impacts and Estimated Revenue Requirements by Program

	A	B	C	D	E	F	G	H	I			
	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 =(A-C)*D*UCT Ratio	NC PPI =(A-B)*C*D	NC PPI Cap Reduction	NC Revenue Requirement
Residential Programs												
EE Programs												
1 Residential Energy Efficiency Education	554	1,278	4,856,148	\$ 2,618,093	\$ 965,794	10.6%	73.8925998%	\$ 713,651		\$ 129,418		\$ 843,069
2 Residential Energy Efficient Appliances and Devices	11,256	10,590	76,814,772	\$ 45,680,362	\$ 11,975,716	10.6%	73.8925998%	\$ 8,849,168		\$ 2,639,955		\$ 11,489,123
3 Income-Qualified High-Energy Use Program	60	54	171,699	\$ 246,743	\$ 675,849	10.6%	73.8925998%	\$ 499,402	\$ 19,734			\$ 519,136
4 Income-Qualified Energy Efficiency and Weatherization Assistance	2,470	2,073	7,403,184	\$ 8,853,103	\$ 10,727,225	10.6%	73.8925998%	\$ 7,926,626	\$ 708,045			\$ 8,634,671
5 Residential Multi-Family Energy Efficiency	2,138	2,218	12,544,456	\$ 7,092,636	\$ 1,811,478	10.6%	73.8925998%	\$ 1,338,548		\$ 413,653		\$ 1,752,201
6 Residential Energy Assessments	770	613	4,252,650	\$ 2,956,719	\$ 3,262,326	10.6%	73.8925998%	\$ 2,410,617		\$ (23,937)		\$ 2,386,680
7 Residential New Construction	1,692	1,736	5,769,338	\$ 8,939,788	\$ 3,959,989	10.6%	73.8925998%	\$ 2,926,139		\$ 390,049		\$ 3,316,187
8 Residential Smart Saver® - Early Replacement and Retrofit	69	70	223,095	\$ 237,333	\$ 74,601	10.6%	73.8925998%	\$ 55,124		\$ 12,746		\$ 67,871
9 Residential Smart Saver® Energy Efficiency	3,333	1,491	15,724,407	\$ 12,582,435	\$ 6,288,346	10.6%	73.8925998%	\$ 4,646,622		\$ 492,992		\$ 5,139,614
10 Total for Residential Conservation Programs	22,342	20,123	127,759,748	\$ 89,207,214	\$ 39,741,324			\$ 29,365,897	\$ 727,779	\$ 4,054,876	\$ -	\$ 34,148,552
11 My Home Energy Report	69,499	55,658	374,575,123	\$ 21,325,856	\$ 7,580,285	10.6%	73.8925998%	\$ 5,601,269		\$ 1,076,638		\$ 6,677,907
12 Total Residential Conservation and Behavioral Programs	91,840	75,781	502,334,871	\$ 110,533,070	\$ 47,321,608			\$ 34,967,167	\$ 727,779	\$ 5,131,514	\$ -	\$ 40,826,459
NC Residential Peak Demand Allocation Factor												
13 Power Manager®	585,986	41,873	-	\$ 101,591,277	\$ 22,165,635	10.6%	72.9576004%	\$ 16,171,515		\$ 6,142,386		\$ 22,313,902
14 Total Residential Demand Response Programs	585,986	41,873	-	\$ 101,591,277	\$ 22,165,635	10.6%	72.9576004%	\$ 16,171,515		\$ 6,142,386	\$ (2,757,076)	\$ 19,556,826
15 Total Residential	677,826	117,654	502,334,871	\$ 212,124,346	\$ 69,487,243			\$ 51,138,682	\$ 727,779	\$ 11,273,900	\$ (2,757,076)	\$ 60,383,285
Non-Residential Programs												
EE Programs												
16 NonResidential Smart Saver® Custom	2,988	2,700	15,143,483	\$ 12,123,979	\$ 5,737,523	10.6%	73.8925998%	\$ 4,239,605		\$ 500,227		\$ 4,739,831
17 NonResidential Smart Saver® Custom Energy Assessments	48	16	245,369	\$ 163,571	\$ 433,597	10.6%	73.8925998%	\$ 320,396		\$ (21,150)		\$ 299,246
18 NonResidential Smart Saver® Energy Efficient Food Service Products	218	188	2,978,936	\$ 1,346,438	\$ 272,656	10.6%	73.8925998%	\$ 201,472		\$ 84,105		\$ 285,578
19 NonResidential Smart Saver® Energy Efficient HVAC Products	3,809	1,007	9,489,979	\$ 6,178,619	\$ 5,105,572	10.6%	73.8925998%	\$ 3,772,640		\$ 84,048		\$ 3,856,687
20 NonResidential Smart Saver® Energy Efficient Lighting Products	14,839	12,847	81,223,381	\$ 57,195,088	\$ 19,481,803	10.6%	73.8925998%	\$ 14,395,511		\$ 2,953,937		\$ 17,349,547
21 NonResidential Smart Saver® Energy Efficient Process Equipment Products	76	55	428,415	\$ 141,365	\$ 79,645	10.6%	73.8925998%	\$ 58,552		\$ 4,834		\$ 63,686
22 NonResidential Smart Saver® Energy Efficient Pumps and Drives Products	487	500	3,213,893	\$ 1,565,717	\$ 441,976	10.6%	73.8925998%	\$ 326,588		\$ 88,018		\$ 414,606
23 NonResidential Smart Saver® Performance Incentive	1,738	1,649	32,392,470	\$ 15,194,580	\$ 3,569,237	10.6%	73.8925998%	\$ 2,637,402		\$ 910,568		\$ 3,547,970
24 Business Energy Saver	9,983	10,763	49,176,783	\$ 34,918,543	\$ 11,453,781	10.6%	73.8925998%	\$ 8,463,496		\$ 1,837,905		\$ 10,301,401
25 Smart Energy in Offices	-	-	-	\$ -	\$ -	10.6%	73.8925998%	\$ -		\$ -		\$ -
26 Total for Non-Residential Conservation Programs	32,185	29,723	194,292,709	\$ 128,827,901	\$ 46,575,789			\$ 34,416,061	\$ -	\$ 6,442,492	\$ -	\$ 40,858,553
NC Non-Residential Peak Demand Allocation Factor												
27 EnergyWise for Business	7,119	620	1,053,496	\$ 1,669,141	\$ 2,917,682	10.6%	72.9576004%	\$ 2,128,671		\$ (96,556)		\$ 2,032,115
28 PowerShare®	463,821	449,906	-	\$ 79,452,086	\$ 18,665,156	10.6%	72.9576004%	\$ 13,617,650		\$ 4,700,961		\$ 18,318,611
29 Total for Non-Residential DSM Programs	470,940	450,526	1,053,496	\$ 81,121,227	\$ 21,582,838			\$ 15,746,321	\$ -	\$ 4,604,405	\$ (1,453,089)	\$ 18,897,637
30												
31 Total All Residential	503,125	480,249	195,346,205	\$ 209,949,128	\$ 68,156,627			\$ 50,162,382	\$ -	\$ 11,046,896	\$ (1,453,089)	\$ 59,756,190
32 Total All Programs	1,180,951	597,903	697,681,076	\$ 422,073,474	\$ 137,645,870			\$ 101,301,064	\$ 727,779	\$ 22,320,797	\$ (4,210,165)	\$ 120,139,475

(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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Duke Energy Carolinas
Fields Exhibit 1
Vintage 2025 Estimate - January 1, 2025 to December 31, 2025
Docket Number E-7, Sub 1305
Load Impacts and Estimated Revenue Requirements by Program

	A	B	C	D	E	F =A*C*D	G =A*C*D	H	I			
	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
Residential Programs												
EE Programs												
1 Residential Energy Efficiency Education	3,045	5,390	19,245,770	\$ 12,828,811	\$ 2,390,151	10.6%	73.8925998%	\$ 1,766,145		\$ 817,620		\$ 2,583,765
2 Residential Energy Efficient Appliances and Devices	3,145	5,225	25,915,569	\$ 16,655,681	\$ 4,838,807	10.6%	73.8925998%	\$ 3,575,200		\$ 925,570		\$ 4,501,090
3 Income-Qualified High-Energy Use Pilot	150	140	479,284	\$ 633,338	\$ 1,248,983	10.6%	73.8925998%	\$ 922,906	\$ 49,607			\$ 972,513
4 Income-Qualified Energy Efficiency and Weatherization Assistance	1,714	1,601	5,933,150	\$ 6,816,837	\$ 10,315,517	10.6%	73.8925998%	\$ 7,622,403	\$ 533,937			\$ 8,156,340
5 Residential Multi-Family Energy Efficiency	2,673	3,125	15,666,744	\$ 9,535,203	\$ 2,271,804	10.6%	73.8925998%	\$ 1,678,695		\$ 568,914		\$ 2,247,609
6 Residential Energy Assessments	1,880	1,679	10,357,985	\$ 7,785,254	\$ 6,760,070	10.6%	73.8925998%	\$ 4,995,192		\$ 80,299		\$ 5,075,490
7 Residential New Construction	3,404	3,511	11,008,919	\$ 18,253,659	\$ 7,684,247	10.6%	73.8925998%	\$ 5,678,090		\$ 827,861		\$ 6,505,951
8 Residential Smart Saver® - Early Replacement and Retrofit	681	472	1,916,371	\$ 2,054,780	\$ 1,194,915	10.6%	73.8925998%	\$ 882,954		\$ 67,350		\$ 950,304
9 Residential Smart Saver® Energy Efficiency	3,072	1,496	14,172,095	\$ 12,179,237	\$ 6,033,250	10.6%	73.8925998%	\$ 4,458,126		\$ 481,392		\$ 4,939,517
10 Total for Residential Conservation Programs	19,765	22,638	104,695,887	\$ 86,742,799	\$ 42,737,745			\$ 31,580,031	\$ 583,544	\$ 3,769,006	\$ -	\$ 35,932,580
11 My Home Energy Report	64,132	51,361	345,652,268	\$ 22,411,523	\$ 8,600,823	10.6%	73.8925998%	\$ 6,355,372		\$ 1,081,739		\$ 7,437,111
12 Total Residential Conservation and Behavioral Programs	83,897	73,999	450,348,155	\$ 109,154,322	\$ 51,338,568			\$ 37,935,402	\$ 583,544	\$ 4,850,745	\$ -	\$ 43,369,691
NC Residential Peak Demand Allocation Factor												
13 Power Manager®	633,373	109,666	-	\$ 110,494,326	\$ 34,135,085	10.6%	72.9576004%	\$ 24,904,139		\$ 5,905,246		\$ 30,809,385
14 Income-Qualified Power Manager®	6,905	11,603	-	\$ 1,975,209	\$ 2,095,287	10.6%	72.9576004%	\$ 1,528,671		\$ (9,286)		\$ 1,519,385
15 Total Residential Demand Response Programs	640,278	121,269	\$ -	\$ 112,469,535	\$ 36,230,372	10.6%		\$ 26,432,810	\$ -	\$ 5,895,960	\$ (9,887)	\$ 32,318,884
16 Total Residential	724,176	195,267	450,348,155	\$ 221,623,858	\$ 87,568,940			\$ 64,368,213	\$ 583,544	\$ 10,746,705	\$ (9,887)	\$ 75,688,574
Non-Residential Programs												
EE Programs												
17 NonResidential Smart Saver® Custom	4,355	4,355	28,372,819	\$ 19,413,722	\$ 12,044,121	10.6%	73.8925998%	\$ 8,899,714		\$ 577,233		\$ 9,476,947
18 NonResidential Smart Saver® Custom Energy Assessments	229	229	2,005,999	\$ 1,211,652	\$ 320,316	10.6%	73.8925998%	\$ 236,690		\$ 69,815		\$ 306,505
19 NonResidential Smart Saver® Energy Efficient Food Service Products	39	35	558,300	\$ 253,219	\$ 165,909	10.6%	73.8925998%	\$ 122,595		\$ 6,839		\$ 129,433
20 NonResidential Smart Saver® Energy Efficient HVAC Products	2,783	2,873	19,116,590	\$ 15,259,310	\$ 5,448,024	10.6%	73.8925998%	\$ 4,025,687		\$ 768,480		\$ 4,794,167
21 NonResidential Smart Saver® Energy Efficient Lighting Products	14,463	11,115	85,710,350	\$ 59,666,019	\$ 19,771,157	10.6%	73.8925998%	\$ 14,609,422		\$ 3,124,811		\$ 17,734,233
22 NonResidential Smart Saver® Energy Efficient Process Equipment Products	78	78	698,706	\$ 384,510	\$ 287,710	10.6%	73.8925998%	\$ 212,597		\$ 7,582		\$ 220,179
23 NonResidential Smart Saver® Energy Efficient Pumps and Drives Products	160	164	1,078,850	\$ 565,863	\$ 227,188	10.6%	73.8925998%	\$ 167,875		\$ 26,527		\$ 194,402
24 NonResidential Smart Saver® Performance Incentive	3,022	3,022	26,469,820	\$ 15,044,563	\$ 3,836,882	10.6%	73.8925998%	\$ 2,835,172		\$ 877,855		\$ 3,713,026
25 Business Energy Saver	13,504	12,930	69,479,311	\$ 46,676,524	\$ 19,695,711	10.6%	73.8925998%	\$ 14,553,673		\$ 2,113,303		\$ 16,666,976
26 Total for Non-Residential Conservation Programs	38,633	34,802	233,490,746	\$ 158,475,382	\$ 61,797,018			\$ 45,663,423	\$ -	\$ 7,572,445	\$ -	\$ 53,235,868
NC Non-Residential Peak Demand Allocation Factor												
27 EnergyWise for Business	9,172	6,990	1,067,124	\$ 2,899,600	\$ 2,619,365	10.6%	72.9576004%	\$ 1,911,026		\$ 21,672		\$ 1,932,698
28 PowerShare®	493,066	478,274	-	\$ 83,076,381	\$ 20,773,690	10.6%	72.9576004%	\$ 15,155,986		\$ 4,818,182		\$ 19,974,168
29 Total for Non-Residential DSM Programs	502,238	485,264	1,067,124	\$ 85,975,980	\$ 23,393,055			\$ 17,067,012	\$ -	\$ 4,839,854	\$ (31,216)	\$ 21,875,650
30 Total Non Residential	540,871	520,066	234,557,870	\$ 244,451,363	\$ 85,190,073			\$ 62,730,435	\$ -	\$ 12,412,299	\$ (31,216)	\$ 75,111,518
31 Total All Programs	1,265,046	715,333	684,906,024	\$ 466,075,220	\$ 172,759,013			\$ 127,098,648	\$ 583,544	\$ 23,159,004	\$ (41,103)	\$ 150,800,092

(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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