

**Duke Energy Carolinas**  
**Actuals for June 1, 2009 to December 31, 2009**  
**Docket Number E-7, Sub 1031**  
**Load Impacts and Avoided Cost Revenue Requirements by Program**

	A	B	C
	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System Avoided Cost Revenue Requirement
<b>Residential Programs</b>			
<b>EE Programs (at 50% Avoided Cost)</b>			
1 Appliance Recycling	-	-	-
2 Residential Energy Assessments	1,057	8,369,462	\$ 1,106,481
3 Smart Saver® for Residential Customers	1,592	12,547,819	\$ 1,940,744
4 Low Income Energy Efficiency and Weatherization Assistance	143	1,354,096	\$ 141,337
5 Energy Efficiency Education Program for Schools	56	303,763	\$ 55,373
6 Residential Retrofit Pilot	-	-	\$ -
7 Home Energy Comparison Report (My Home Energy Report)	-	-	\$ -
8 Total for Residential Conservation Programs	2,849	22,575,141	\$ 3,243,936
			<b>NC Retail kWh Sales Allocation Factor (McGee Exhibit 5, Pg. 1)</b>
			<b>NC Residential Avoided Costs</b>
			<b>A * B</b>
			\$ -
			\$ 807,817
			\$ 1,416,893
			\$ 103,187
			\$ 40,427
			\$ -
			\$ -
			\$ 2,368,324
			<b>NC Residential Peak Demand Allocation Factor (McGee Exhibit 5, Pg. 1)</b>
9 Total DSM Programs (at 75% Avoided Cost)	116,172		\$ 4,655,124
			<b>A9 * B9</b>
			\$ 1,578,137
			<b>NC Non-Residential Avoided Costs</b>
			<b>A * B</b>
<b>Non-Residential Programs</b>			
<b>EE Programs (at 50% Avoided Cost)</b>			
10 Smart Saver® for Non-Residential Customers Lighting	5,267	28,004,505	\$ 5,247,545
11 Smart Saver® for Non-Residential Customers Motors	124	624,404	\$ 183,846
12 Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)	-	-	\$ -
13 Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	46	257,738	\$ 67,096
14 Smart Saver® for Non-Residential Customers - HVAC	267	765,127	\$ 295,533
15 Smart Saver® for Non-Residential Customers - Custom Rebate	19	232,797	\$ 30,165
16 Smart Energy Now	-	-	\$ -
17 Total for Non-Residential Conservation Programs	5,724	29,884,571	\$ 5,824,184
			<b>NC Retail kWh Sales Allocation Factor (McGee Exhibit 5, Pg. 1)</b>
			<b>NC Non-Residential Peak Demand Allocation Factor (McGee Exhibit 5, Pg. 1)</b>
18 Total DSM Programs (at 75% Avoided Cost)	116,172		\$ 4,655,124
			<b>A18* B18</b>
			\$ 1,858,230
			<b>NC Retail Peak Demand Allocation Factor (McGee Exhibit 5, Pg.1)</b>
			<b>A21* B21</b>
<b>Total DSM Program Breakdown</b>			
19 Power Manager (Residential)	57,494	-	\$ 3,082,269
20 Power Share (Non-Residential)	58,678	-	\$ 1,572,855
21 Total DSM	116,172	-	\$ 4,655,124
			73.8190004%
			\$ 3,436,366

(1) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak  
 Note: Schedule may not foot due to rounding

**Duke Energy Carolinas**  
Actuals for January 1, 2010 to December 31, 2010  
Docket Number E-7, Sub 1031  
Load Impacts and Avoided Cost Revenue Requirements by Program

	A	B	C		
	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System Avoided Cost Revenue Requirement		
			NC kWh Sales Allocation Factor (McGee Exhibit 5, pg. 2)		
			NC Residential Avoided Costs  A * B		
<b>Residential Programs</b>					
<b>EE Programs (at 50% Avoided Cost)</b>					
1 Appliance Recycling	-	-	\$ -	72.7072722%	\$ -
2 Residential Energy Assessments	1,563	11,178,033	\$ 1,549,012	72.7072722%	\$ 1,126,244
3 Smart Saver® for Residential Customers	41,497	381,777,103	\$ 42,560,548	72.7072722%	\$ 30,944,614
4 Low Income Energy Efficiency and Weatherization Assistance	599	5,663,263	\$ 591,118	72.7072722%	\$ 429,786
5 Energy Efficiency Education Program for Schools	469	2,526,416	\$ 460,540	72.7072722%	\$ 334,846
6 Residential Retrofit Pilot	-	-	\$ -	72.7072722%	\$ -
7 Home Energy Comparison Report (My Home Energy Report)	159	854,645	\$ 24,503	72.7072722%	\$ 17,816
8 Total for Residential Conservation Programs	44,285	401,999,461	\$ 45,185,722		\$ 32,853,306
				<b>NC Residential Peak Demand Allocation Factor (McGee Exhibit 5, pg. 2)</b>	<b>A9 * B9</b>
9 Total DSM Programs (at 75% Avoided Costs)	438,636		\$ 23,515,262	34.4404513%	\$ 8,098,762
					<b>NC Non-Residential Avoided Costs  A * B</b>
<b>Non-Residential Programs</b>					
<b>EE Programs (at 50% Avoided Cost)</b>					
10 Smart Saver® for Non-Residential Customers Lighting	13,466	68,411,677	\$ 13,710,093	72.7072722%	\$ 9,968,234
11 Smart Saver® for Non-Residential Customers Motors	533	2,724,749	\$ 798,480	72.7072722%	\$ 580,553
12 Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)	0	380	\$ 44	72.7072722%	\$ 32
13 Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	155	788,310	\$ 191,588	72.7072722%	\$ 139,298
14 Smart Saver® for Non-Residential Customers - HVAC	1,586	3,964,553	\$ 1,734,583	72.7072722%	\$ 1,261,168
15 Smart Saver® for Non-Residential Customers - Custom Rebate	2,716	21,205,380	\$ 3,608,163	72.7072722%	\$ 2,623,397
16 Smart Energy Now	-	-	\$ -	72.7072722%	\$ -
17 Total for Non-Residential Conservation Programs	18,456	97,095,050	\$ 20,042,949		\$ 14,572,682
				<b>NC Non-Residential Peak Demand Allocation Factor (McGee Exhibit 5, pg. 2)</b>	<b>A18* B18</b>
18 Total DSM Programs (at 75% Avoided Cost)	438,636		\$ 23,515,262	40.3489126%	\$ 9,488,153
				<b>NC Retail Peak Demand Allocation Factor (McGee Exhibit 5, pg.2)</b>	<b>A21* B21</b>
<b>Total DSM Program Breakdown</b>					
19 Power Manager (Residential)	228,421	-	\$ 12,245,662		
20 Power Share (Non-Residential)	210,215	-	11,269,600		
21 Total DSM	438,636	-	\$ 23,515,262	74.7893638%	\$ 17,586,915

(1) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak  
Note: Schedule may not foot due to rounding

Duke Energy Carolinas  
Actuals for January 1, 2011 to December 31, 2011  
Docket Number E-7, Sub 1031  
Load Impacts and Avoided Cost Revenue Requirements by Program

	A	B	C		
	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System Avoided Cost Revenue Requirement		
			NC kWh Sales Allocation Factor (McGee Exhibit 5, pg. 3)		
			NC Residential Avoided Costs		
			A * B		
<b>Residential Programs</b>					
<b>EE Programs (at 50% Avoided Cost)</b>					
1 Appliance Recycling	-	-	\$ -	72.6972151%	\$ -
2 Residential Energy Assessments	1,306	9,227,946	\$ 1,314,136	72.6972151%	\$ 955,340
3 Smart Saver® for Residential Customers	39,712	367,409,449	\$ 40,319,118	72.6972151%	\$ 29,310,876
4 Low Income Energy Efficiency and Weatherization Assistance	52	488,949	\$ 50,792	72.6972151%	\$ 36,924
5 Energy Efficiency Education Program for Schools	262	1,413,208	\$ 265,292	72.6972151%	\$ 192,860
6 Residential Retrofit Pilot	21	126,564	\$ 40,936	72.6972151%	\$ 29,759
7 Home Energy Comparison Report (My Home Energy Report)	66	356,218	\$ 30,711	72.6972151%	\$ 22,326
8 Total for Residential Conservation Programs	41,419	379,022,334	\$ 42,020,984		\$ 30,548,085
				<b>NC Residential Peak Demand Allocation Factor (McGee Exhibit 5, pg. 3)</b>	<b>A9 * B9</b>
9 Total DSM Programs (at 75% Avoided Costs)	548,335		\$ 30,131,132	32.2293181%	\$ 9,711,058
					<b>NC Non-Residential Avoided Costs</b>
	System kW Reduction - Summer Peak	System Energy Reduction (kWh)	System Avoided Cost Revenue Requirement	NC kWh Sales Allocation Factor (McGee Exhibit 5, pg. 3)	A * B
<b>Non-Residential Programs</b>					
<b>EE Programs (at 50% Avoided Cost)</b>					
10 Smart Saver® for Non-Residential Customers Lighting	11,329	64,190,217	\$ 13,497,639	72.6972151%	\$ 9,812,407
11 Smart Saver® for Non-Residential Customers Motors	1,107	5,750,908	\$ 1,286,403	72.6972151%	\$ 935,179
12 Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)	82	503,823	\$ 54,884	72.6972151%	\$ 39,899
13 Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	184	1,012,402	\$ 263,359	72.6972151%	\$ 191,454
14 Smart Saver® for Non-Residential Customers - HVAC	1,869	4,987,231	\$ 2,094,930	72.6972151%	\$ 1,522,956
15 Smart Saver® for Non-Residential Customers - Custom Rebate	6,585	55,974,704	\$ 11,605,896	72.6972151%	\$ 8,437,163
16 Smart Energy Now	1,344	7,159,090	\$ 825,610	72.6972151%	\$ 600,195
17 Total for Non-Residential Conservation Programs	22,500	139,578,375	\$ 29,628,719		\$ 21,539,254
				<b>NC Non-Residential Peak Demand Allocation Factor (McGee Exhibit 5, pg. 3)</b>	<b>A18 *B18</b>
18 Total DSM Programs (at 75% Avoided Cost)	548,335		\$ 30,131,132	42.2350050%	\$ 12,725,885
				<b>NC Retail Peak Demand Allocation Factor (McGee Exhibit 5, pg. 3)</b>	<b>A21* B21</b>
19 Power Manager (Residential)	226,935	-	\$ 12,470,132		
20 Power Share (Non-Residential)	321,400	-	17,661,000		
21 Total DSM	548,335	-	\$ 30,131,132	74.4643230%	\$ 22,436,943

(1) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak  
Note: Schedule may not foot due to rounding

**Duke Energy Carolinas**  
**Actuals for January 1, 2012 to December 31, 2012**  
**Docket Number E-7, Sub 1031**  
**Load Impacts and Avoided Cost Revenue Requirements by Program**

	A	B	C		
	System kW - Summer Peak	System Energy Reduction (kWh)	System Avoided Cost Revenue Requirement		
			NC kWh Sales Allocation Factor (McGee Exhibit 5, pg. 4)		
			NC Residential Avoided Costs A * B		
<b>Residential Programs</b>					
<b>EE Programs (at 50% Avoided Cost)</b>					
1 Appliance Recycling	366	1,971,543	\$ 389,649	72.7194575%	\$ 283,351
2 Residential Energy Assessments	1,376	9,499,733	\$ 1,453,167	72.7194575%	\$ 1,056,735
3 Smart Saver® for Residential Customers	24,409	224,983,046	\$ 26,147,441	72.7194575%	\$ 19,014,277
4 Low Income Energy Efficiency and Weatherization Assistance	-	-	\$ -	72.7194575%	\$ -
5 Energy Efficiency Education Program for Schools	1,663	8,963,453	\$ 1,771,508	72.7194575%	\$ 1,288,231
6 Residential Retrofit Pilot	47	283,678	\$ 94,987	72.7194575%	\$ 69,074
7 Home Energy Comparison Report (My Home Energy Report)	10,461	49,339,464	\$ 1,428,665	72.7194575%	\$ 1,038,918
8 Total for Residential Conservation Programs	38,322	295,040,918	\$ 31,285,416		\$ 22,750,585
				<b>NC Residential Peak Demand Allocation Factor (McGee Exhibit 5, pg. 4)</b>	<b>A9 * B9</b>
9 Total DSM Programs (at 75% Avoided Cost)	645,443		\$ 36,353,911	34.8388691%	\$ 12,665,291
					<b>NC Non-Residential Avoided Costs A * B</b>
	System kW - Summer Peak	System Energy Reduction (kWh)	System Avoided Cost Revenue Requirement	NC kWh Sales Allocation Factor (McGee Exhibit 5, pg. 4)	A * B
<b>Non-Residential Programs</b>					
<b>EE Programs (at 50% Avoided Cost)</b>					
10 Smart Saver® for Non-Residential Customers Lighting	12,076	68,918,024	\$ 14,946,041	72.7194575%	\$ 10,868,680
11 Smart Saver® for Non-Residential Customers Motors	1,132	5,967,650	\$ 1,386,295	72.7194575%	\$ 1,008,106
12 Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)	-	-	\$ -	72.7194575%	\$ -
13 Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	366	1,950,854	\$ 513,211	72.7194575%	\$ 373,205
14 Smart Saver® for Non-Residential Customers - HVAC	1,716	4,120,481	\$ 2,004,592	72.7194575%	\$ 1,457,728
15 Smart Saver® for Non-Residential Customers - Custom Rebate	15,371	113,380,706	\$ 24,480,159	72.7194575%	\$ 17,801,839
16 Smart Energy Now	775	4,127,229	\$ 488,200	72.7194575%	\$ 355,016
17 Total for Non-Residential Conservation Programs	31,436	198,464,943	\$ 43,818,499		\$ 31,864,574
				<b>NC Non-Residential Peak Demand Allocation Factor (McGee Exhibit 5, pg. 4)</b>	<b>A18 * B18</b>
18 Total DSM Programs (at 75% Avoided Cost)	645,443		\$ 36,353,911	39.8808428%	\$ 14,498,246
				<b>NC Retail Peak Demand Allocation Factor (McGee Exhibit 5, pg.4)</b>	<b>A21* B21</b>
<b>Total DSM Program Breakdown</b>					
19 Power Manager (Residential)	268,706	-	\$ 15,134,607		
20 Power Share (Non-Residential)	376,736	-	21,219,303		
21 Total DSM	645,443	-	\$ 36,353,911	74.7197120%	\$ 27,163,537

(1) Total System DSM programs allocated to Residential and Non-Residential based on contribution to retail system peak  
Note: Schedule may not foot due to rounding

Duke Energy Carolinas  
For the Period June 1, 2009 - December 31, 2014  
Docket Number E-7, Sub 1031  
North Carolina Net Lost Revenues Summary

Vintage 1	Year 1 and Year 2							Total
	2009	2010	2011	1 Mth 2012	2012	2013	2014 <sup>(a)</sup>	
<b>Residential</b>								
1 Appliance Recycling	-	-	-	-	-	-	-	-
2 Residential Energy Assessments	44,297	669,511	752,197	66,386	-	-	-	1,532,391
3 Smart Saver® for Residential Customers	92,993	5,073,454	15,613,579	1,378,657	-	-	-	22,158,682
4 Low Income Energy Efficiency and Weatherization Assistance	8,111	184,626	298,617	26,374	-	-	-	517,729
5 Energy Efficiency Education Program for Schools	980	52,034	109,867	9,700	-	-	-	172,582
6 Residential Retrofit Pilot	-	-	-	-	-	-	-	-
7 My Home Energy Report	-	-	-	-	-	-	-	-
8 Total Lost Revenues	146,381	5,979,625	16,774,260	1,481,117	-	-	-	24,381,383
9 Found Residential Revenues *	18,544	103,665	149,220	12,435	-	-	-	283,864
10 Net Lost Residential Revenues	127,837	5,875,960	16,625,040	1,468,682	-	-	-	24,097,519
<b>Non-Residential</b>								
	2009	2010	2011	1 Mth 2012	2012	2013	2014 <sup>(a)</sup>	Total
11 Smart Saver® for Non-Residential Customers Lighting	267,995	1,568,968	2,140,019	179,572	-	-	-	4,156,555
12 Smart Saver® for Non-Residential Customers Motors	1,508	34,581	47,849	4,389	-	-	-	88,327
13 Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)	-	4	10	1	-	-	-	15
14 Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	1,873	24,316	31,396	2,792	-	-	-	60,377
15 Smart Saver® for Non-Residential Customers - HVAC	4,441	61,038	114,704	10,212	-	-	-	190,394
16 Smart Saver® for Non-Residential Customers - Custom Rebate	170	129,797	423,378	38,673	-	-	-	592,018
17 Smart Energy Now	-	-	-	-	-	-	-	-
18 Total Lost Revenues	275,987	1,818,705	2,757,356	235,639	-	-	-	5,087,686
19 Found Non-Residential Revenues*	196,302	1,171,619	1,621,460	135,122	-	-	-	3,124,503
20 Net Lost Non-Residential Revenues	79,685	647,086	1,135,896	100,517	-	-	-	1,963,183
<b>Year 1 and Year 2</b>								
Vintage 2	2009	2010	2011	1 Mth 2012	2012	2013	2014 <sup>(a)</sup>	Total
<b>Residential</b>								
21 Appliance Recycling	-	-	-	-	-	-	-	-
22 Residential Energy Assessments	-	-	199,106	-	416,418	-	-	615,524
23 Smart Saver® for Residential Customers	-	-	7,082,986	-	17,639,492	-	-	24,722,478
24 Low Income Energy Efficiency and Weatherization Assistance	-	-	8,604	-	25,327	-	-	33,931
25 Energy Efficiency Education Program for Schools	-	-	26,046	-	56,110	-	-	82,156
26 Residential Retrofit Pilot	-	-	823	-	6,599	-	-	7,421
27 My Home Energy Report	-	-	-	-	-	-	-	-
28 Total Lost Revenues	-	-	7,317,565	-	18,143,946	-	-	25,461,511
29 Found Residential Revenues *	-	-	46,409	-	91,169	-	-	137,578
30 Net Lost Residential Revenues	-	-	7,271,156	-	18,052,777	-	-	25,323,933
<b>Non-Residential</b>								
	2009	2010	2011	1 Mth 2012	2012	2013	2014 <sup>(a)</sup>	Total
31 Smart Saver® for Non-Residential Customers Lighting	-	-	1,000,289	-	2,128,947	-	-	3,129,236
32 Smart Saver® for Non-Residential Customers Motors	-	-	42,267	-	92,407	-	-	134,674
33 Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)	-	-	6,600	-	16,682	-	-	23,282
34 Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	-	-	14,315	-	33,354	-	-	47,669
35 Smart Saver® for Non-Residential Customers - HVAC	-	-	53,349	-	151,187	-	-	204,536
36 Smart Saver® for Non-Residential Customers - Custom Rebate	-	-	595,732	-	1,414,842	-	-	2,010,574
37 Smart Energy Now	-	-	44,531	-	301,017	-	-	345,547
38 Total Lost Revenues	-	-	1,757,084	-	4,138,435	-	-	5,895,518
39 Found Non-Residential Revenues*	-	-	403,491	-	1,375,791	-	-	1,779,282
40 Net Lost Residential Revenues	-	-	1,353,593	-	2,762,644	-	-	4,116,236

Vintage 3 (b)	Year 1 and Year 3 Estimate							Total
	2009	2010	2011	1 Mth 2012	2012	2013	2014 <sup>(a)</sup>	
<b>Residential</b>								
41 Appliance Recycling	-	-	-	-	19,490	-	61,685	81,175
42 Residential Energy Assessments	-	-	-	-	240,137	-	129,507	369,645
43 Smart Saver® for Residential Customers	-	-	-	-	6,958,759	-	2,720,149	9,678,908
44 Low Income Energy Efficiency and Weatherization Assistance	-	-	-	-	-	-	-	-
45 Energy Efficiency Education Program for Schools	-	-	-	-	235,193	-	98,188	333,382
46 Residential Retrofit Pilot	-	-	-	-	10,919	-	6,922	17,841
47 Home Energy Comparison Report	-	-	-	-	1,523,842	-	-	1,523,842
48 Total Lost Revenues	-	-	-	-	8,988,341	-	3,016,452	12,004,793
49 Found Residential Revenues *	-	-	-	-	30,231	-	5,880	36,111
50 Net Lost Residential Revenues	-	-	-	-	8,958,110	-	3,010,573	11,968,683

Vintage 3 (b)	Year 1 and Year 3 Estimate							Total
	2009	2010	2011	1 Mth 2012	2012	2013	2014 <sup>(a)</sup>	
<b>Non-Residential</b>								
51 Smart Saver® for Non-Residential Customers Lighting	-	-	-	-	959,271	-	705,239	1,664,511
52 Smart Saver® for Non-Residential Customers Motors	-	-	-	-	64,385	-	79,684	144,070
53 Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)	-	-	-	-	-	-	-	-
54 Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	-	-	-	-	14,096	-	22,927	37,022
55 Smart Saver® for Non-Residential Customers - HVAC	-	-	-	-	70,330	-	53,113	123,443
56 Smart Saver® for Non-Residential Customers - Custom Rebate	-	-	-	-	1,650,967	-	1,451,488	3,102,454
57 Smart Energy Now	-	-	-	-	184,623	-	-	184,623
58 Total Lost Revenues	-	-	-	-	2,943,672	-	2,312,452	5,256,123
59 Found Non-Residential Revenues *	-	-	-	-	446,448	-	126,076	572,524
60 Net Lost Non-Residential Revenues	-	-	-	-	2,497,224	-	2,186,375	4,683,599

Vintage 4	Year 2 Estimate							Total
	2009	2010	2011	1 Mth 2012	2012	2013	2014 <sup>(a)</sup>	
<b>Residential</b>								
61 Appliance Recycling	-	-	-	-	-	-	796,583	796,583
62 Residential Energy Assessments	-	-	-	-	-	-	165,736	165,736
63 Smart Saver® for Residential Customers	-	-	-	-	-	-	2,009,316	2,009,316
64 Low Income Energy Efficiency and Weatherization Assistance	-	-	-	-	-	-	494,207	494,207
65 Energy Efficiency Education Program for Schools	-	-	-	-	-	-	210,100	210,100
66 Residential Retrofit Pilot	-	-	-	-	-	-	-	-
67 Home Energy Comparison Report	-	-	-	-	-	-	-	-
68 Total Lost Revenues	-	-	-	-	-	-	3,675,941	3,675,941
69 Found Residential Revenues *	-	-	-	-	-	-	45,228	45,228
70 Net Lost Residential Revenues	-	-	-	-	-	-	3,630,713	3,630,713

Vintage 4	Year 2 Estimate							Total
	2009	2010	2011	1 Mth 2012	2012	2013	2014 <sup>(a)</sup>	
<b>Non-Residential</b>								
71 Smart Saver® for Non-Residential Customers Lighting	-	-	-	-	-	-	1,525,004	1,525,004
72 Smart Saver® for Non-Residential Customers Motors	-	-	-	-	-	-	138,574	138,574
73 Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)	-	-	-	-	-	-	621	621
74 Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	-	-	-	-	-	-	18,359	18,359
75 Smart Saver® for Non-Residential Customers - HVAC	-	-	-	-	-	-	130,039	130,039
76 Smart Saver® for Non-Residential Customers - Custom Rebate	-	-	-	-	-	-	2,142,598	2,142,598
77 Smart Energy Now	-	-	-	-	-	-	-	-
78 Total Lost Revenues	-	-	-	-	-	-	3,955,195	3,955,195
79 Found Non-Residential Revenues *	-	-	-	-	-	-	640,232	640,232
80 Net Lost Non-Residential Revenues	-	-	-	-	-	-	3,314,963	3,314,963

\* Found Revenues - see Duff Exhibit 4

(a) Estimated Lost Revenues were estimated by allocating estimated system Lost Revenues per kWh sales. See McGee Exhibit 5 Page 4

72.7194575%

(b) Vintage 3 Lost Revenues were based on Participants during July - December 2012

**Duke Energy Carolinas**  
**Actuals For the Period June 1, 2009 - December 31, 2012**  
**Estimates For the Period January 1, 2013 - December 31, 2013**  
**Docket Number E-7 Sub 1031**  
**Program Costs Including Overhead**

	<u>Carolinas System Costs - 12 Months Ended 12/31/2010</u>	<u>Carolinas System Costs - 12 Months Ended 12/31/2011</u>	<u>Carolinas System Costs - 12 Months Ended 12/31/2012</u>	<u>Carolinas System Estimated Costs - 12 Months Ended 12/31/2013</u>
Residential Energy Assessments	2,012,300	2,501,875	2,683,722	2,273,277
Residential Home Retrofit	-	123,262	119,486	-
Residential Neighborhood Program				-
Home Energy Comparison Report				3,026,124
Residential Smart Saver	2,651,125	26,088,102	23,136,717	17,599,484
Appliance Recycle Program				303,920
Low Income Services	106,999	398,449	1,304	20,256
Energy Efficiency Education	2,147,159	2,283,886	796,090	2,906,659
Nonresidential Energy Assessments	162,538	1,115,776	2,533,693	1,473,459
Nonresidential Smart Energy Now	-	-	2,081,419	1,066,811
Nonresidential Smart Saver	1,839,260	7,019,303	12,214,462	19,068,455
Power Manager	2,333,129	9,463,992	14,473,943	12,596,325
Power Share	762,569	8,024,339	13,872,741	15,462,796
<b>Total Energy Efficiency &amp; Demand Side Program Costs</b>	<b><u>12,015,079</u></b>	<b><u>57,018,984</u></b>	<b><u>71,913,577</u></b>	<b><u>78,601,543</u></b>

Duff Exhibit 4

**Duke Energy Carolinas**  
**June 2009 - December 2012 Actuals**  
**January 2013-December 2014 Estimates**  
**Docket Number E-7 Sub 1031**  
**North Carolina Found Revenues**

	Actual/Reported KWH				Estimated KWH		
	2009	2010	2011	2012	2013	2014	
1 Boilers (unmetered)	575,990	-	-	-	-	-	Box 6 - include
2 Boilers (metered)	-	-	-	-	-	-	Box 6 - include
3 Economic Development	93,990,900	104,307,244	117,082,542	416,539,426	-	-	Box 5 - exclude
4 Plug-in Electric Charging Station Pilot	-	-	8,246	218,311	238,696	238,696	Box 3 - exclude
5 Food Service	693,553	949,022	723,338	1,204,245	464,224	458,169	Box 6 - include
6 Process Heat	31,014	1,783,740	2,973,046	1,002,303	949,906	990,616	Box 6 - include
7 Lighting	-	-	-	-	-	-	
8 Residential	102,492	169,991	162,984	76,420	76,420	76,420	Box 6 - include
9 Non Residential (Regulated)	112,286	175,553	129,669	77,433	93,289	93,289	Box 6 - include
10 Non Residential (Non Regulated)	3,630	3,630	2,146	-	-	-	Box 6 - include
11 Total KWH	95,509,866	107,389,180	121,081,971	419,118,139	1,822,536	1,857,191	
12 Total KWH Included	1,518,966	3,081,936	3,991,183	2,360,401	1,583,839	1,618,494	
13 Total KWH Included (net of Free Riders 15%)	1,291,121	2,619,646	3,392,506	2,006,341	1,346,263	1,375,720	
14 Annualized Found Revenue - Non Residential	\$ 509,839	\$ 1,111,621	\$ 1,375,791	\$ 969,817	\$ 640,232	\$ 654,950	
15 Annualized Found Revenue - Residential	\$ 55,308	\$ 93,912	\$ 91,169	\$ 45,228	\$ 45,228	\$ 45,228	
	2009	2010	2011	2012	2013	2014	
16 Vintage 1 -2009 - Non Res	\$ 196,302	509,839	509,839	313,537			
17 Vintage 1 -2010 - Non Res		\$ 661,779	1,111,621	1,111,621	449,841		
18 Vintage 2011 - Non Res			\$ 403,491	1,375,791	1,375,791	972,300	
19 Vintage 2012 - Non Res				\$ 446,448	969,817	969,817	
20 Vintage 2013 - Non Res					\$ 346,792	640,232	
21 Vintage 2014 - Non Res						354,765	
22 Vintage 2015 - Non Res							
23 Vintage 2016 - Non Res							
24 Vintage 2017 - Non Res							
25 Rate Case Adjustment - Non Res *				(1,290,036)	(1,004,724)	(1,816,041)	
Subtotal - Non Res	\$ 196,302	\$ 1,171,619	\$ 2,024,951	\$ 1,957,361	\$ 2,137,517	\$ 1,121,073	
26							
27 Vintage 1 -2009 - Residential	\$ 18,544	55,308	55,308	36,764			
28 Vintage 1 -2010 - Residential		\$ 48,357	93,912	93,912	45,556		
29 Vintage 2011 - Res			\$ 46,409	91,169	91,169	44,760	
30 Vintage 2012 - Res				\$ 30,231	45,228	45,228	
31 Vintage 2013 - Res					\$ 24,499	45,228	
32 Vintage 2014 - Res						24,499	
33 Vintage 2015 - Res							
34 Vintage 2016 - Res							
35 Vintage 2017 - Res							
Rate Case Adjustment - Residenital *				(118,241)	(78,185)	(84,108)	
36 Subtotal - Residential	\$ 18,544	\$ 103,664	\$ 195,629	\$ 133,835	\$ 128,267	\$ 75,607	
Total Found Revenues	\$ 214,846	\$ 1,275,283	\$ 2,220,580	\$ 2,091,197	\$ 2,265,784	\$ 1,196,679	

\* Removes amounts to be recovered in base rates.