SACE 1st Response to Staff 011895

Lawrence B. Somers Deputy General Counsel

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May 23, 2013

VIA HAND DELIVERY

Gail L. Mount Chief Clerk North Carolina Utilities Commission 4325 Mail Service Center Raleigh, Norht Carolina 27699-4325

RE: Docket Number E-7, Sub 1031

Dear Ms. Mount:

I enclose an original and thirty-one (31) copies of Duke Energy Carolinas, LLC's Supplemental Testimony of Kimberly D. McGee and Timothy J. Duff's Revised Exhibit 2 for filing in connection with the referenced matter.

Thank you for your attention to this matter. If you have any questions, please let me know.

incerely,

Lawrence B. Somers

Enclosures

cc: Parties of Record Molly L. McIntosh, Esquire



BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

DOCKET NO. E-7, SUB 1031

In the Matter of Application of Duke Energy Carolinas, LLC for Approval of Demand-Side Management and Energy Efficiency Cost Recovery Rider Pursuant to N.C. Gen. Stat. § 62-133.9 and Commission Rule R8-69

~

) SUPPLEMENTAL TESTIMONY OF
) KIMBERLY D. MCGEE
) FOR
) DUKE ENERGY CAROLINAS, LLC
)

1	Q.	PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.
2	A.	My name is Kimberly D. McGee. My business address is 526 South Church Street,
3		Charlotte, North Carolina.
4	Q.	BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?
5	А.	I am a Rates Manager Duke Energy Carolinas, LLC ("Duke Energy Carolinas" or the
6		"Company").
7	Q.	DID YOU PREVIOUSLY FILE DIRECT TESTIMONY IN SUPPORT OF DUKE
8		ENERGY CAROLINAS' APPLICATION IN THIS DOCKET?
9	A.	Yes, l did.
10	Q.	WHAT IS THE PURPOSE OF YOUR SUPPLEMENTAL TESTIMONY?
11	А.	The purpose of my supplemental testimony is to support supplemental exhibits which
12		reflect a reduction in the residential component for Vintages 2 and 3 of the Company's
13		demand-side management ("DSM") and energy efficiency ("EE") cost recovery rider,
14		Rider EE ("Rider 5"), by \$21,475. McGee Supplemental Exhibit 1 shows the calculation
15		of the revised residential billing factor for Rider 5 which incorporates this adjustment.
16		McGee Supplemental Exhibit 2 is the revised revenue requirement calculation for
17		Vintages 2 and 3 which incorporates the adjustment to lost revenues. Supplemental
18		Exhibit 3 is the revised proposed tariff sheet for Rider 5 which replaces McGee Exhibit 7.
19	Q.	WHY IS THE COMPANY REDUCING THE RESIDENTIAL COMPONENT OF
20		RIDER 5?
21	А.	As explained by Company Witness Timothy Duff in his pre-filed directtestimony in this
22		Docket, the Residential Retrofit Pilot Program ("RR Program") was approved by
23		Commission Order on January 25, 2011, in Docket No. E-7, Sub 952. Ordering

1 Paragraph 4 indicates that if the pilot is not ultimately implemented as a full-scale 2 program, then net lost revenues for the period of the pilot are not allowed to be 3 recovered. On October 19, 2012, Duke Energy Carolinas filed a letter in Docket No. E-7, 4 Sub 952 stating that the Company had decided not to fully deploy the RR Program. The 5 lost revenues relating to the RR Program were inadvertently included in the revenue 6 requirements for Vintages 2 and 3 in Rider 5. The lost revenues related to Vintage 2 7 were \$7,422 and Vintage 3 were \$17,842. The removal of these lost revenues creates an 8 adjustment which reduces the residential rate for Rider 5 by (.0001) cents per kWh to 9 0.4494 cents per kWh. 10 Q. DOES THIS CONCLUDE YOUR PRE-FILED SUPPLEMENTAL TESTIMONY?

11 A. Yes.

Duke Energy Carolinas OSM/EE Cost Recovery Rider 5 Docket Namber E-7 Sub 1031 Exhibit Summary for Rider EE Exhibits and Factors

Residential Billing Factor

- 2 F
- 4 Proyected NC Residential Sales (kWh) for rate period 5 Impact of Rate Adjustment for Residential Retrofit Program (cents per KWh)
- 5 Total Residential Briling Factor prior to adjustment (cents per kWh) 7 Total Residential Billing Factor after Adjustment (cents per kWh)

McGee Exhibit 4 Line 3 / Líne 4 McGee Exhibit 1, pg. 1 Line 5 + Line 6 McGee Supplemental Exhibit 2, page 1, line 2 McGee Supplemental Exhibit 2, page 2, line 2 tine 1 + tune 2 50 50 50 (5.309) (15.166) (21,475) 21,045,015,885 (0.0001) 0.4495 0.4494

Adjustment to Vintage 2 Revenue Requirement for removal of lost revenues for Residential Retrofit Program EE Vintage 2 (January 1, 2011 - December 31, 2011) Docket Number E-7, Sub 1031 **Duke Energy Carolinas**

RESIDENTIAL

3 Revised Residential Save-A-Watt Revenue Requirement True-up Amount- Vintage 2	2 Less: Residential Retrofit Revenue Requirement Adjustment, at 85%	1 Residential Save-A-Watt Revenue Requirement True-up , as filed in Direct Testimony
Line 1 - Line 4	Duff Exhibit 2, Line 26 * 85%	McGee Exhibit 2, page 2, Line 13
7,644,538	6,309	7,650,847

Adjustment to Vintage 3 Revenue Requirement for removal of lost revenues for Residential Retrofit Program Duke Energy Carolinas EE Vintage 3 (January 1, 2012 - December 31, 2012) Docket Number E-7, Sub 1031

RESIDENTIAL

		Vinta	/intage 3, Year 1 Vintage 3, Year.	Vintag	;e 3, Year 3
1 Residential Save-A-Watt Revenue Requirement True-up , as filed in Direct Testimony 2 Less: Residential Retrofit Revenue Requirement Adjustment , at 85%	McGee Exhibit 2, page 3, Line 9 Duff Exhibit 2, Line 46 * 85%	w w	19,010,203 9,281	\$	2,558,987 5,885
3 Revised Residential Save-A-Watt Revenue Requirement True-up Amount - Vintage 3	Line 1 - Line 4	\$	19,000,922	ŝ	2,553,102

McGee Supplemental Exhibit 3 Electricity No. 4 North Carolina Seventh (Proposed) Revised Leaf No. 62 Superseding North Carolinas Sixth Revised Leaf No. 62

RIDER EE (NC)

ENERGY EFFICIENCY RIDER

APPLICABILITY (North Carolina Only)

Service supplied under the Company's rate schedules is subject to approved adjustments for new energy efficiency and demandside management programs approved by the North Carolina Utilities Commission (NCUC). The Rider Adjustments are not included in the Rate Schedules of the Company and therefore, must be applied to the bill as calculated under the applicable rate. Cost recovery under Rider EE consists of two four-year term programs, years 2009 - 2013 and years 2014 - 2017 as outlined separately below.

I. PROGRAM YEARS 2009-2013

GENERAL PROVISIONS

This Rider will recover the cost of new energy efficiency and demand-side management programs, using the method approved by the NCUC, for programs implemented over a four-year period (*i.e.*, comprising four 12-month program years or "Vintage Years"). In each year this Rider will include components to recover revenue requirements related to demand-side management and energy efficiency programs implemented in that Vintage Year, as well as net lost revenues resulting from the energy efficiency programs. Net lost revenues are revenue losses, net of both marginal costs avoided at the time of the lost kilowatt hour sale(s) and increases in revenues resulting from any activity by the Company's public utility operations that cause a customer to increase demand or energy consumption. Net lost revenues associated with each Vintage Year will be recovered for 36 months upon implementation, except that the recovery of net lost revenues will end upon implementation of new rates approved by the Commission in a general rate case or comparable proceeding to the extent that rates are set in a rate case for vintages up to that point. To recover net lost revenues for programs implemented in years 3 and 4, the Rider will continue beyond the four-year period.

Revenue requirements will be determined on a system basis and allocated to North Carolina retail customers based on the North Carolina retail contribution to system retail peak demand for demand side management programs and North Carolina relail contribution to system retail kWh sales for energy efficiency programs. Residential customer classes will pay for residential programs and non-residential customer classes will pay for non-residential programs through methods found appropriate by the Commission for demand-side management and energy efficiency programs, respectively. All allocation factors will be based on the Company's most recently completed cost of service study utilizing the allocation method approved by NCUC in the Company's most recent general rate proceeding and will exclude the amounts related to customers that elect to opt out of this Rider.

TRUE-UP PROVISIONS

Rider amounts will initially be determined based on estimated kW and kWh impacts related to expected customer participation in the programs, and will be trued-up as actual customer participation and actual kW and kWh impacts are verified. If a customer participates in any vintage of programs, the customer is subject to the true-ups as discussed in this section for any vintage of programs in which the customer participated.

Participation true-ups: After the completion of the first Vintage Year, the Rider will include a true-up of previous Rider amounts billed to reflect actual customer participation in the programs.

Measurement and verification true-up: In the sixth year a final true-up will be based on changes in participation combined with actual verified kW and kWh savings.

Earnings cap true-up: In the sixth year, a true up will adjust customer bills, if applicable, to refund with interest, amounts collected through the Rider in excess of the earnings cap, in accordance with the following levels of achievement of actual energy and peak demand reductions and allowed return on investment,

Percentage Actual	Return on Investment Cap
Target Achievement	on Program Costs Percentage
>=90%	15%
80% to 89%	12%
60% to 79%	9%
< 60%	5%

North Carolina Sixth (Proposed) Revised Leaf No. 62 Effective for service on and after January 1, 2014 NCUC Dockets No. E-7, Sub. 1031 and 1032 Order dated

McGee Supplemental Exhibit 3 Electricity No. 4 North Carolina Seventh (Proposed) Revised Leaf No. 62 Superseding North Carolinas Sixth Revised Leaf No. 62

RIDER EE (NC) ENERGY EFFICIENCY RIDER

DETERMINATION OF ENERGY EFFICIENCY RIDER ADJUSTMENT

Energy Efficiency Adjustments (EEA) will be applied to the energy in kilowatt hours (kWh) billed of all rate schedules for each vintage as determined by the following formula, adjusted as appropriate for the time value of money:

EEA Residential (expressed as cents per kWh) =

(Residential Avoided Cost Revenue Requirement + Residential Net Lost Revenues) / Forecasted Residential kWh Sales for the Rider billing period

Where

Residential Avoided Cost Revenue Requirement = (Residential Demand-Side Management Program Avoided Cost X 75%) + (Residential Energy Efficiency Program Avoided Cost X 50%)

EEA Non-residential (expressed as cents per kWh) =

(Non-residential Avoided Cost Revenue Requirement + Non-residential Net Lost Revenues) / Forecasted Non-residential kWh Sales for the Rider billing period

Where

Non-residential Avoided Cost Revenue Requirement = (Non-residential Demand-Side Management Program Avoided Cost X 75%) + (Non-residential Energy Efficiency Program Avoided Cost X 50%)

IL PROGRAM YEARS 2014-2017

GENERAL PROVISIONS

This Rider will recover the cost of new energy efficiency and demand-side management programs, using the method approved by the NCUC, for programs implemented over a four-year period (*i.e.*, comprising four 12-month program years or "Vintage Years").

TRUE-UP PROVISIONS

Rider amounts will initially be determined based on estimated kW and kWh impacts related to expected customer participation in the programs, and will be trued-up as actual customer participation and actual kW and kWh impacts are verified. If a customer participates in any vintage of programs, the customer is subject to the true-ups as discussed in this section for any vintage of programs in which the customer participated.

RIDER EE OPT OUT PROVISION FOR QUALIFYING NON-RESIDENTIAL CUSTOMERS

The Rider EE increment applicable to energy efficiency programs and/or demand-side management programs will not be applied to the energy charge of the applicable rate schedule for Customers qualified to opt out of the programs where:

- a. The Customer certifies or attests to the Company that it has, or has plans for implementing alternative energy efficiency measures in accordance with quantifiable goals.
- b. Electric service to the Customer must be provided under:
 - a. An electric service agreement where the establishment is classified as a "manufacturing industry" by the Standard Industrial Classification Manual published by the United States Government and where more than 50% of the electric energy consumption of such establishment is used for its manufacturing processes.
 - b. An electric service agreement for general service as provided for under the Company's rate schedules where the Customer's annual energy use is 1,000,000 kilowatt hours or more.

The following additional provisions apply for qualifying customers who elect to opt out:

For Customers who elect to opt out of energy efficiency programs, the following provisions also apply:

- Qualifying customers may opt out of the Company's energy efficiency programs each calendar year only during the
 annual two-month enrollment period between November 1 and December 31 immediately prior to a new Rider EE
 becoming effective on January 1. (Qualifying new customers have sixty days after beginning service to opt out).
- Customers may not opt out of individual energy efficiency programs offered by the Company. The choice to opt out
 applies to the Company's entire portfolio of energy efficiency programs.

North Carolina Sixth (Proposed) Revised Leaf No. 62 Effective for service on and after January 1, 2014 NCUC Dockets No. E-7, Sub 1031 and 1032 Order dated

McGee Supplemental Exhibit 3 Electricity No. 4 North Carolina Seventh (Proposed) Revised Leaf No. 62 Superseding North Carolinas Sixth Revised Leaf No. 62

RIDER EE (NC)

ENERGY EFFICIENCY RIDER

- If a customer participates in any vintage of energy efficiency programs, the customer, irrespective of future opt out
 decisions, remains obligated to pay the remaining portion of the lost revenues for each vintage of energy efficiency
 programs in which the customer participated.
- Customers who elect to opt out during the two-month annual enrollment period immediately prior to the new Rider EE
 becoming effective may elect to opt in to the Company's energy efficiency programs during the first 5 business days of
 March each calendar year. Customers making this election will be back-billed retroactively to the effective date of the
 new Rider EE.

For Customers who elect to opt out of demand-side management programs, the following provisions also apply:

- Qualifying customers may opt out of the Company's demand-side management program during the enrollment period between November 1, and December 31immediately prior to a new Rider EE becoming effective on January 1 of the applicable year. (Qualifying new customers have sixty days after beginning service to opt out).
- If a customer elects to participate in a demand-side management program, the customer may not subsequently choose to opt out of demand-side management programs for three years.
- Customers who elect to opt out during the two-month annual enrollment period immediately prior to the new Rider EE becoming effective may elect to opt in to the Company's demand-side management program during the first 5 business days of March each calendar year. Customers making this election will be back-billed to the effective date of the new Rider EE.

Any qualifying non-residential customer that has not participated in an energy efficiency or demand-side management program may opt out during any enrollment period, and have no further responsibility to pay Rider EE amounts associated with the Customer's opt out election for energy efficiency and/or demand-side management programs.

ENERGY EFFICIENCY RIDER ADJUSTMENTS (EEA) FOR ALL PROGRAM YEARS

The Rider EE amounts applicable to the residential and nonresidential rate schedules for the period January 1, 2014 through December 31, 2014 including revenue-related taxes and utility assessments are as follows:

<u>Residentia</u>]	Vintage 1, 2, 3,4 Vintage 2014 Total Residential Rate	0.1462¢ per kWh <u>0.3032¢ per kWh</u> 0.4494¢ per kWh
Nonresidential		
Vintage	1	
Ene	rgy Efficiency	(0.0017)¢ per kWh
Den	and Side Management	NA
Vintage	2	
Ener	gy Efficiency	0.0051¢ per kWh
Den	and Side Management	NA
Vintage	3	
Ene	rgy Efficiency	0.0790¢ per kWh
Den	and Side Management	(0.0071)¢ per kWh
Vintage 4	4	
Ene	rgy Efficiency	0.0107¢ per kWh
Den	and Side Management	NA
Vintage 2	2014	
Ene	rgy Efficiency	0.0892¢ per kWh
Den	and Side Management	0.0798¢ per kWh
Total No	nresidentiał	0.2550¢ per kWh

North Carolina Sixth (Proposed) Revised Leaf No. 62 Effective for service on and after January 1, 2014 NCUC Dockets No. E-7, Sub 1031 and 1032 Order dated Duke Energy Carolinas, LLC

McGee Supplemental Exhibit 3 Electricity No. 4 North Carolina Seventh (Proposed) Revised Leaf No. 62 Superseding North Carolinas Sixth Revised Leaf No. 62

RIDER EE (NC) ENERGY EFFICIENCY RIDER

Each factor listed under Nonresidential is applicable to nonresidential customers who are not eligible to opt out and to eligible customers who have not opted out. If a nonresidential customer has opted out of a Vintage(s), then the applicable energy efficiency and/or demand-side management charge(s) shown above for the Vintage(s) during which the customer has opted out, will not apply to the bill.

Revised Ouff Exhibit 2, Page 1

Duke Energy Catalinas For the Pariod June 1, 2009 - December 31, 2014 Docket Number E-7, Sub 1031 North Carolina Net Loss Revenues Summary

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(17,94) (5,95,560 MAG2(p0 1,446,400 2010 2015 2010 2014 <	9 Found Residential Revenues *	18,544	103,665	149.220	12,435				283.864
COS 201 201 2011 11Mh 2012 2012 2013 2014 <	10 Net Lost Residential Revenues	127,837	5,875,960	16,625,040	1,458,532	•	•		24,097,519
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Prescription (Process Gray)ment(1 131 313.6 133.8 133.6 133.9 133.6 133.9 133.6 133.7	12 Smart Saver* for Non-Residential Custamers Motors	805'T	34,581	47,849	4,389			·	88,327
Affit Field Scores Predicts 1,313 2,4316 2,732	13 Smert Saver" for Non-Residential Customers - Other Prescriptive (Process Equipment)		4	90	-1			•	а Ц
Methala 4,41 5,53 11,70 6,671 1 10 15,535 1,4764 1,435,46 1,435,46 1,435,46 1,435,46 1,435,46 1,435,46 1,435,46 1,435,46 1,435,46 1,435,46 1,435,46 1,435,46 1,435,46 1,435,46 1,435,46 1,435,46 1,456,46 1,455,46 1,456,46 1,456,46 1,456,46 1,456,46 1,456,46 1,456,46	14 Smart Saver ⁴ for Non-Residential Customers - Energy Star Food Service Products	1,873	24,316	395,15	2,792			ı	17E,03
Minetation 170 273-347 1,133,966 235-659 - - 755-367 1,143,146 2,373,366 2,356,59 -	15 Smart Saver" for Non-Residential Customers - HVAC	A,441	61,038	114,704	10,212				196,061
75, 547 1,47,05 2,75,356 2,86,39 1,47,1460 2,75,356 2,86,39 1,45,146 1,45,146 1,45,146 1,45,146 1,45,146 1,45,146 1,45,146 1,45,146 1,45,146 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46,118 1,46 1,46,118 1,	LA SUMATI SAVET TUT INGUINARAIGENEMI LANKOINERS - LLISEON NE PALE 17 Singet Energy Maw	2.	-	3/5,219	16/0/35				592,078
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75,645 647,045 1,135,846 100,317 - </td <td>19 Found Nan-Residential Revertes"</td> <td>196,302</td> <td>1.171.619</td> <td>1,521,460</td> <td>135,122</td> <td></td> <td></td> <td></td> <td>3,124,503</td>	19 Found Nan-Residential Revertes"	196,302	1.171.619	1,521,460	135,122				3,124,503
Yeer 1 and Year 2 2009 2010 2011 1 Min 2012 2013 2014 ¹⁰ To 2010 2011 1 Min 2012 2013 2014 2013 2014 1 2011 2012 2011 1 Min 2012 2013 2014 1 1 2014 2014 1 1553-992 2014 2014 2014 1 1 2014 2 2014 2014 2014 2014 2 1 1 2014 2 2014 2014 2 <td>20 Met Lost Non-Residentis) Revenues</td> <td>79,685</td> <td>647,086</td> <td>1,135,896</td> <td>110,517</td> <td></td> <td></td> <td></td> <td>1,963,183</td>	20 Met Lost Non-Residentis) Revenues	79,685	647,086	1,135,896	110,517				1,963,183
2009 2010 2011 1 Mh - 1012 2013 2014 10 Ideame - - 199,106 - 416,418 2014 10 - - - 199,106 - 416,418 2013 2014 10 - - - 199,106 - 15,533,972 - - - - - 26,013 - 15,533,972 - - - - - - 26,104 - 15,533,972 - - - - - - 26,104 - 15,533,972 - - -						ir 1 and Year 2			
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7.36,10 56,110 50,11 1,16,110 50,11 1,16 56,110 50,11 1,16 10 50,11 1,16 10 50,11 1,16 10 50,11 10 50,11 10 20,11 10 20,11 10 20,11 10 20,12 20,13 20,14 10 70,14 10 10 10,00,126 2,128,447 10 20,12 20,13 20,14 10 20,14 10 10 10,00,126 2,128,447 10 10 10,00,126 2,128,447 10 11,15 11,15 10 11,15 11,15 11,16 11,15 11,15 11,16 <	24 Low Income Energy Elificiency and Weatherization Astistance	'	·	8,604	•	25,327			166,66
Image: constraint of the state of	25 Energy Efficiency Education Program for Schools			26,046		56,110			32,156
No. No. <td>26 Residential Retrott Plict 37 au tour Endert Brand</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td>-</td>	26 Residential Retrott Plict 37 au tour Endert Brand						•		-
1000 2010 2011 1 Mth 2012 2013 2014 ¹⁰ To 1 2009 2010 2011 1 Mth 2012 2013 2014 ¹⁰ To 1 2009 2010 2011 1 Mth 2012 2013 2014 ¹⁰ To 1 1 2014 1 Mth 2012 2013 2014 ¹⁰ To 1 1 2014 1 Mth 2012 2013 2014 ¹⁰ To 1 1 2014 1 Mth 2012 2013 2014 ¹⁰ To 1 1 2014 1 Mth 2012 2013 2014 ¹⁰ To 1 1 2014 1 Mth 2012 2013 2014 ¹⁰ To 1 1 2014 1 Mth 2012 2014 1 2014 ¹⁰ To 1 1 1 2014 1 1 2014 ¹⁰ 1 1 1 1 1 1 1 1 2014 ¹⁰ 1	of wir from the starts we point			CAT 315 T		BAE TEL OF	•		36 ACA 000
1,270,333 1,270,333 16,046,179 2013 2014 70 1 2003 2010 2011 1 Mth 2012 2013 2014 70 1 2 2 2 2 2 2 2 70 1 2 2 2 2 2 2 2 70 1 2 2 2 2 2 2 2 70 1 2 2 2 2 2 2 70 70 1 2 2 2 2 2 2 70 70 1 2 2 2 2 2 2 70 70 1 2 2 2 2 2 2 70 70 1 2 2 2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 1 2 2 2 2 2 2 2 2 1 2 2 2 2	29 Found Residential Revenues "			46,409		91,169			137,575
2009 2010 2011 1 Mis 2012 2013 2014 ¹¹ To It - - - - - - 2014 ¹¹ To It -	30 Net Lost Residential Revenues		1	7,270,333		18,846,179			25,316,511
It L000238 L128,47 L Preuniptive (Process Equipment) - <td>Non-Residential</td> <td>5002</td> <td>2010</td> <td>3011</td> <td>1 Mth 2012</td> <td>2012</td> <td>EIOZ</td> <td>61⁴E02</td> <td>Tatal</td>	Non-Residential	5002	2010	3011	1 Mth 2012	2012	EIOZ	61 ⁴ E02	Tatal
Prescriptive (Process Equipment)	31 Smart Saver® tör Non-Residential Customers Lichting	,		1.000.289		2,128,947			3.129.226
Prescriptive (Process Equipment) - 6,600 - 16,682	32 Start Saver for Non-Residential Customers Motors			42,267		52,407			129'HET
Star Food Service Products 13.155 - 13.154 - Rebate - 53.149 - 15.1187 - - Rebate - 535,732 - 1,41,4422 - - - Rebate - 535,732 - 1,41,4422 - - - Rebate - - 535,732 - 1,41,4422 - - - Rebate - - 1,57,664 - 4,134,35 -	33 Smart Saver® for Non-Residential Customers - Other Prescriptive (Process Equipment)			6,600		16,632			23,282
n Rebate 53,49 - 15,127 - 15,127 - 15,127 - 1,41,842 - 1,41,1842 - 1,41,1842 - 1,41,1842 - 1,41,1842 - 1,41,18,435 - 1,77,764 - 4,138,435 - 1,77,764 - 4,138,435 - 1,77,764 - 1,717,791 -	34 Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	•	•	51E'FI		\$95E'EE	•		47,669
	35 Smart Saver* for Non-Rits (deniža) Customers - HVAC 27 smart Saver* Aren - Brederich Science - Aren - Brederich	•		53,349		151,187			204,536
1.757,084 4.15 1.157,084 4.15 1.157,084 4.15 1.157,084 4.15 1.157,081 1.1757,091 1.1757,091 1.1775,091	au annair a annair for thoir-restoreilleal tu ann an a' cuastori ficulate 37 Smart Energy Now			1E5.44		301,017			2,010,574
403,491 1,375,791	38 Total Loss Revenues	•		1,757,084		4,138,435		-	5,895,518
	39 Faund Non-Residential Revenues*	•	•	109,E05		161,375,191		•	1,779,282

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Vintage 3 (b)	2009	2010	2011	1 1/1/1 2012	2012	£102	2014 ¹⁴⁷	Fotal
Assidentia	1							
di Antisnet Beerlike					41			
42 Residential Energy Assessments					751,042		230,58	5/1/13 1991
43 Striart Saver* for Residential Customers					6,958,759		2,720,149	4,678,908
44 tow Income Energy Efficiency and Wealherization Assistance	•		•		•			
45 Energy Efficiency Education Program for Schools 46 Benistered Breeder Alter					235,193		94,488	333,532
47 Horde Energy Compartant Report		• •						
d& Total Loss Revenues					200102010		- Ann 610	240,626,1
49 Faund Residential Revenues "					157 DE		066,500,6	JCC ROCTT
50 Net Loss Residential Revenues		.	.		161,746,8		3,003,650	11,950,641
Non-Hestidential	6002	2010	2011	1 Mth 2012	2012	2013	2014	Total
51 Smart Saver" for Non-Residential Oustomers Lighting					929,271	ı	205.232	1.654.511
52 Smart Saver® for Non-Residential Customers Motors			•		64,3E5	,	79,684	144,070
53 Smart Saver ^e for Non-Residential Costomers - Other Prescriptive (Process Equipment)			•			'	•	
od simari Saver" for Noth-Residential Customers - Energy Star Food Service Ptoducts En Emode Service Markton Build-Afric Fridamers - 1943 e			•	•	14,056		22,927	220,75
56 5mart Saver ^a for Non-Residential Autometry (Euclone Rehate					1 650 963		511,5C	574,821 5 101 12 12 12 12 12 12 12 12 12 12 12 12 12
57 Smart Energy Now	'	,			184,623		7. 17 17 17 17 17 17 17 17 17 17 17 17 17	134.623
58 Total Lost Revenues	-				2,943,672		2,312,452	5,256,123
59 Found Nan-Residential Revenues *					446,443	•	126,075	572,524
60 Net Loss Non-Residential Revenues					2,457,224	•	2136,375	4,683,
				Ύε.	Year 2 Estimate			
Vintage 4	2009	2010	2011	1 Mth 2012	Ztaž	2013	201405	Total
Residential								
61 Appliance Recycling							796.583	285 562
62 Residentüri Energy Assessments						,	365.736	165 736
63 \$mart \$swer ^s for Residential Europhers			•				2,009,316	2,009,316
64 Low Itecome Entrupy Efficiency and Weatherization Assistance	•	•	•		•	•	494,207	494'501
65 Eheregy Elifetetricy Education Program for Schools			•				210,100	1,012
du Residential Netroik Pilot 67 Hanne Exerci Camparico Canot			•				•	
56 Total Loss Revenues	•				1 4 75 044	1070 041
69 Found Residential Revenues *						• •	245-225	ביקשיק ביקש
70 Net Lott Residential Revenues			• •				E11,0E3,E	£T#'0E9'E
Non-Residential	5002	0102	102	1 Mth 2012	2012	Etož	2014 ⁻⁴	Total
21 Smart Saver ⁴ for Non-Residential Customers Lighting							1,525,006	1,525,004
72 Smart Saver ⁴ for Non-Residential Customers Motors	•	•					138,574	574,8EL
73 Sthart Saver* for Non-Residential Customers - Other Prescriptive (Process Equipment)		•					623	621
/4 Smart Saver* for Non-Kesidential fultioners - Enérgy Star Food Service Products 75. Smart Saver* for Non-Decidential fultionance - Livia f	•				•		65E.B1	12,359
76 Smart Saver® for Non-Resident)at Outtomers - Euston Rebate					• •		0 ED/021 0 P3 CV1 C	130,051
77 Smart Energy Now								
78 Total Lost Revenues							3,455,195	3,955,195
vy round Ron-Re-Maestul (Revenues) By the Lord Road		-			-	-	540,232	640,232
		•	•	•			3.314,953	16.916°E

(a) Estimated Lost Revenues were astimated by allociting estimated system Lost Revenues per KVIh antes. See McGee Exhibit 5 Page 4 (b) Vohlage 3 Lost Revenues were based on Participants dening July - December 2012

SACE 1st Response to Staff 011907

CERTIFICATE OF SERVICE

I certify that a copy of Duke Energy Carolinas, LLC's Supplemental Testimony of Kimberly D. McGee and Timothy J. Duff's Revised Exhibit 2 in Docket No. E-7, Sub 1031, has been served by electronic mail (e-mail), hand delivery or by depositing a copy in the United States Mail, first class postage prepaid, properly addressed to the following:

Robert F. Page Crisp, Page & Currin, LLP 4010 Barrett Drive, Suite 205 Raleigh, NC 27609-6622

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This the 23rd day of May, 2013.

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