

**Duke Energy Progress, Inc.**

# **Demand Side Management and Energy Efficiency Programs**

---

## **Duke Energy Progress, Inc. Application for DSM/EE Rider and Filing Requirements**

Submitted Pursuant to Procedure and Mechanism for Recovery of  
Costs and Incentives for Demand-Side Management and Energy  
Efficiency Programs Approved in Docket No. 2008-251-E

**Docket No. 2014-89-E**

**March 7, 2014**

Recovery request for actual and estimated DSM/EE costs incurred from April 1, 2013 through March 31, 2014 and for forecasted costs covering both the period July 1, 2014 through June 30, 2015. This request will result in the modification of rates associated with the Company's DSM/EE rider.

## Contents Listed By Procedural Provision

Provision (f)(2) – List of customers opting out of participation.....	3
Provision (h)(1)(i) - Projected SC retail sales for the rate period.....	4
Provision (h)(1)(ii)a - Total expenses expected to be incurred during the rate period.....	5
Provision (h)(1)(ii)b - Expected cost associated with measures .....	8
Provision (h)(1)(ii)c - Measurement and verification activities for rate period.....	9
Provision (h)(1)(ii)d - Expected summer and winter peak demand reductions.....	12
Provision (h)(1)(ii)e - Expected energy reductions .....	13
Provision (h)(1)(ii)f - Actual and estimated test period costs.....	14
Provision (h)(1)(ii)g – Test period costs associated with measures.....	17
Provision (h)(1)(ii)h - Measurement and verification activities for test period.....	18
Provision (h)(1)(ii)i - Test period summer and winter peak demand reductions .....	24
Provision (h)(1)(ii)j - Test period energy reductions.....	25
Provision (h)(1)(ii)k - Test period findings and results of measures .....	26
Provision (h)(1)(ii)l - Evaluation of event based measure during test period.....	33
Provision (h)(1)(ii)m – Comparison of impact estimates .....	35
Provision (h)(1)(ii)n – Determination of utility incentives .....	38
Provision (h)(1)(ii)o – Actual and estimated revenue from DSM/EE rider .....	42
Provision (h)(1)(ii)p – Proposed DSM/EE rider .....	43
Provision (h)(1)(ii)q – Projected SC retail sales for customers opting out of measures .....	44
Provision (h)(2) – Supporting workpapers.....	45
Appendix A: Non-Participating Customers .....	46
Appendix B: Allocation Factors .....	51
Appendix C: Savings By Measure .....	54
Appendix D: Total Resource Cost Test Results.....	55

**Provision (f)(2) - List of customers opting out of participation**

(f) Special Provisions for Industrial or Large Commercial Customers.

- (2) At the time the electric public utility petitions for the annual rider, it shall provide the Commission with a list of those industrial or large commercial customers that have opted out of participation in the new demand-side management or energy efficiency measures.
- 

Please refer to Appendix A which provides a listing of industrial and large commercial customers, as of January 31, 2014, that have opted out of participation in DEP's new demand-side management or energy efficiency measures.

**Provision (h)(1)(i) - Projected SC retail sales for the rate period**

(h) Filing Requirements and Procedure.

- (1) DEP shall submit to ORS and the Commission all of the following information in its application:
- (i) Projected South Carolina retail monthly kWh sales for the rate period.

---

The Company's projected South Carolina retail monthly kWh sales for the rate period, July 1, 2014 through June 30, 2015, are provided in the following table:

**Projected South Carolina Retail Monthly kWh Sales**

Month	Estimated kWh
Jul-14	509,440,381
Aug-14	559,031,474
Sep-14	646,242,413
Oct-14	581,120,628
Nov-14	559,168,065
Dec-14	479,874,821
Jan-15	609,059,628
Feb-15	499,292,692
Mar-15	484,622,017
Apr-15	477,209,709
May-15	508,652,370
Jun-15	579,050,964
<b>Total</b>	<b>6,492,765,164</b>

**Provision (h)(1)(ii)a - Total expenses expected to be incurred during the rate period**

(h) Filing Requirements and Procedure.

(1) DEP shall submit to ORS and the Commission all of the following information in its application:

(ii) For each DSM/EE program for which cost recovery is requested:

- a. total expenses expected to be incurred during the rate period in the aggregate and broken down by type of expenditure, per appropriate capacity, energy and measure unit metric and the proposed jurisdictional allocation factors;

For purposes of cost recovery through the DSM/EE rider, the Company's expected expenses for the rate period, July 1, 2014 through June 30, 2015, have been broken down by type of expenditure and provided in the following table:

Program / Measure	Recoverable Expenditures (System Retail)					Total Costs and Incentives
	O&M	Depreciation	Capital Costs	Income and General Taxes	PPI and Net Lost Revenue	
<b>Demand-Side Management Programs</b>						
CIG DR	1,879,034				156,750	2,035,784
EnergyWise™	9,902,996				2,805,533	12,708,529
DSDR Implementation	5,983,516	12,000,000	10,899,141	8,088,824	-	36,971,481
<b>Energy Efficiency Programs</b>						
Residential Home Advantage	7,100				337,025	344,125
Res Home Energy Improvement	6,086,117				1,122,554	7,208,671
Residential Low Income-NES	2,210,307				420,926	2,631,233
Lighting - Residential	5,823,854				16,763,711	22,587,566
Lighting - General Service	707,327				6,650,743	7,358,070
Residential Appliance Recycling	2,207,699				878,917	3,086,616
Residential EE Benchmark	3,661				(31,494)	(27,833)
Solar Hot Water Heating Pilot	-				-	-
CIG Energy Efficiency	9,729,123				13,709,231	23,438,354
Small Business Direct Install	7,540,136				552,102	8,092,239
Residential New Construction	7,523,243				503,821	8,027,064
CFL Pilot	-				72,578	72,578
<b>Program Subtotals</b>	<b>59,604,114</b>	<b>12,000,000</b>	<b>10,899,141</b>	<b>8,088,824</b>	<b>43,942,397</b>	<b>134,534,476</b>
Administrative and General						4,230,826
Carrying Costs						14,428,600
<b>Expenditure Totals</b>						<b>153,193,903</b>

**Provision (h)(1)(ii)a - Continued**

The following table provides the direct program costs, excluding Program Performance Incentives and the recovery of net lost revenues, per appropriate capacity, energy and measure unit metric, over the various program lives. It is important to note that unitized costs will vary from year to year and should be viewed over program lives. Program cost estimates over the life of the program were supplied with the Company's original program applications.

Program / Measure	System Costs	Measure Lives	DSM Costs / (MW x Years)	EE Costs / (MWH x Years)
<b>Demand-Side Management Programs (Calculated on EOY 2014 MW Capabilities - at the meter)</b>				
CIG DR	1,879,034	30-yrs	\$12,527	NA
EnergyWise™	9,902,996	30-yrs	\$12,325	NA
DSDR Implementation	36,971,481	30-yrs	\$30,017	NA
<b>Energy Efficiency Programs (Calculated Using Rate Period MWH Savings - at the meter)</b>				
Res Home Advantage	7,100	20-yrs	NA	NA
Res Home Energy Improvement	6,086,117	15-yrs	NA	\$131
Residential Low Income	2,210,307	10-yrs	NA	\$123
CIG Energy Efficiency	9,729,123	10-yrs	NA	\$14
Lighting (Residential)	5,823,854	7-yrs	NA	\$16
Lighting (General Service)	707,327	3-yrs	NA	\$9
Res Appliance Recycling	2,207,699	10-yrs	NA	\$50
Residential EE Benchmarking	3,661	1-yr	NA	\$1
Small Business Direct Install	7,540,136	10-yrs	NA	\$128
Residential New Construction	7,523,243	20-yrs	NA	\$64

**Provision (h)(1)(ii)a – Continued**

For purposes of cost recovery through the South Carolina DSM/EE rider, the Company's expected expenses for the rate period, July 1, 2014 through June 30, 2015, have been broken down for South Carolina jurisdictional retail customers by type of expenditure and are provided in the following table:

Program / Measure	Recoverable Expenditures (South Carolina)					Total Costs and Incentives
	O&M	Depreciation	Capital Costs	Income and General Taxes	PPI and Net Lost Revenue	
<b>Demand-Side Management Programs</b>						
CIG DR	269,078				22,447	291,524
EnergyWise™	1,418,109				401,752	1,819,861
DSDR Implementation	856,840	1,718,400	1,560,757	1,158,320		5,294,316
<b>Energy Efficiency Programs</b>						
Residential Home Advantage	1,025				48,633	49,657
Res Home Energy Improvement	878,227				161,985	1,040,211
Residential Low Income-NES	318,947				60,740	379,687
Lighting - Residential	840,382				2,419,004	3,259,386
Lighting - General Service	102,067				959,702	1,061,770
Residential Appliance Recycling	318,571				126,828	445,399
Residential EE Benchmark	528				(4,545)	(4,016)
Solar Hot Water Heating Pilot	-				-	-
CIG Energy Efficiency	1,403,912				1,978,242	3,382,154
Small Business Direct Install	1,088,042				79,668	1,167,710
Residential New Construction	1,085,604				72,701	1,158,305
CFL Pilot	-				10,473	10,473
<b>Program Subtotals</b>	<b>8,581,332</b>	<b>1,718,400</b>	<b>1,560,757</b>	<b>1,158,320</b>	<b>6,337,629</b>	<b>19,356,437</b>
Administrative and General						608,181
Carrying Costs with Income Taxes						2,075,316
<b>Expenditure Totals</b>						<b>22,039,934</b>

The Company's proposed jurisdictional allocation factors for the rate period, July 1, 2014 through June 30, 2015, are provided in attached Appendix B.

### **Provision (h)(1)(ii)b - Expected cost associated with measures**

(h) Filing Requirements and Procedure.

(1) DEP shall submit to ORS and the Commission all of the following information in its application:

(ii) For each DSM/EE program for which cost recovery is requested:

b. total costs that DEP expects to incur during the rate period as a direct result of the measure in the aggregate and broken down by type of cost, per appropriate capacity, energy and measure unit metric, and the proposed jurisdictional allocation factors as well as any changes in the estimated future amounts since last filed with the Commission;

---

The total costs that DEP expects to incur during the rate period, as a direct result of the measure in the aggregate and broken down by type of cost, per appropriate capacity, energy and measure unit metric, are provided in Provision (h)(1)(ii)a. The Company's proposed jurisdictional allocation factors for the rate period, July 1, 2014 through June 30, 2015, are provided in attached Appendix B. In terms of variations in estimated future amounts since its last reporting, DEP is currently unaware of any material differences associated with its offerings.



## **Provision (h)(1)(ii)c - Measurement and verification activities for rate period**

(h) Filing Requirements and Procedure.

- (1) DEP shall submit to ORS and the Commission all of the following information in its application:
    - (ii) For each DSM/EE program for which cost recovery is requested:
      - c. a description of the measurement and verification activities to be conducted during the rate period, including their estimated costs;
- 

Evaluation is a term adopted by Duke Energy Progress, DEP, and refers generally to the systematic process of gathering information on program activities, quantifying energy and demand impacts, and reporting overall effectiveness of program work. Within evaluation, the activity of measurement and verification (M&V) refers to the collection and analysis of data at a participating facility/project. Together this is referred “EM&V.”

### **Demand Side Management Portfolio**

#### ***DSDR***

Evaluation, Measurement and Verification (“EM&V”) activities related to the DSDR program will focus on measuring the peak load reduction impact observed at DEP’s Energy Control Center and Distribution Control Center, using data from the DMS. DEP is developing a customized EM&V protocol specifically for the DSDR program that will efficiently and effectively gauge its performance. EM&V activities in 2014 will employ the customized protocol.

This data analysis will not be performed by a third party; therefore there will be no third-party incremental costs expended to perform anticipated measurement and verification activities during the rate period.

#### ***EnergyWise<sup>SM</sup>***

DEP has contracted with an independent, third-party evaluation consultant to provide the appropriate EM&V support, including the development and implementation of an evaluation plan designed to measure the demand impacts of the EnergyWise<sup>TM</sup> program.

The third-party evaluation consultant performs yearly program evaluations for DEP’s EnergyWise<sup>TM</sup> program including all relevant impact and process evaluation services required to support continued program planning and implementation, system resource planning and forecasting, and regulatory filings.

EM&V services to be performed through June 2015 include:

- Collect program data
- Process evaluation interviews
- Verify operability and performance through on-site visits
- Collect interval data
- Program database review

## Provision (h)(1)(ii)c - Continued

- Benchmarking research
- Dispatch optimization modeling
- Impact data analysis
- Reporting

The total estimate budget for EnergyWise™ M&V activities for the rate period is \$160,000.

### ***CIG Demand Response Program***

DEP has contracted with an independent, third-party evaluation consultant to provide the appropriate EM&V support, including the development and implementation of an evaluation plan designed to measure the demand impacts of the CIG Demand Response program.

The third party evaluation vendor performs yearly program evaluations for DEP's CIG Demand Response program, including all relevant impact and process evaluation services required to support program planning and implementation, system resource planning and forecasting, and regulatory filings.

EM&V services to be performed through June 2015 include:

- Process evaluation interviews
- Verify operability and performance through on-site visits
- Collect interval data
- Market research for DR benchmarking study
- Program database review
- Impact data analysis
- Reporting

The total estimated budget for CIG Demand Response M&V activities for the rate period is \$80,000.

### **Energy Efficiency Portfolio**

DEP has contracted with an independent, third-party evaluation consultant to provide the appropriate EM&V support, including the development and implementation of an evaluation plan designed to measure the demand and energy impacts of the energy efficiency portfolio.

The third party evaluator performs yearly program evaluations for DEP's energy efficiency portfolio, including all relevant impact and process evaluation services required to support program planning and implementation, system resource planning and forecasting, and regulatory filings.

## Provision (h)(1)(ii)c - Continued

Neighborhood Energy Saver Program, Residential Lighting Program, Appliance Recycling Program, Home Energy Improvement Program, Energy Efficiency for Business Program, Small Business Energy Saver, Residential New Construction, and Residential Energy Efficient Benchmarking are the programs that make up the energy efficiency portfolio.

EM&V services to be performed through June 2015 for all energy efficiency portfolio programs include:

- Develop evaluation action plan
- Process evaluation interviews
- Collect program data
- Verify measure installation and performance through on-site visits
- Program database review
- Impact data analysis
- Reporting

Rate period estimated budget for EE portfolio EM&V activities is summarized in the following table

<b>Program</b>	<b>Rate Period Budget</b>
Neighborhood Energy Saver	\$92,000
Residential Lighting	\$153,000
Appliance Recycling	\$112,000
Home Energy Improvement	\$245,000
Energy Efficiency for Business	\$280,000
Small Business Energy Saver	\$105,500
Residential New Construction	\$331,000
Residential Energy Efficient Benchmarking	\$55,000

## Provision (h)(1)(ii)d - Expected summer and winter peak demand reductions

(h) Filing Requirements and Procedure.

(1) DEP shall submit to ORS and the Commission all of the following information in its application:

(ii) For each DSM/EE program for which cost recovery is requested:

d. total expected summer and winter peak demand reduction per appropriate capacity, energy, and measure unit metric and in the aggregate;

The following tables provide estimated summer and winter peak demand reductions, at the meter, for the measures in which the Company is seeking cost recovery. The reductions are provided by measure and in aggregate.

Anticipated Summer Capacity Reductions (MW)

	CIG DR	Energy Wise™	DSDR	Res Home Advantage	Residential HEIP	Res Low Income	Res Lighting	Lighting Gen Service	Res Appl. Recycling	Res EE Benchmark	CIG Energy Efficiency	Solar Water Heating	SMB Direct Install	Res New Const.	Total
2014	5.0	26.8	41.1	0.0	2.9	0.2	7.7	5.0	0.5	0.5	18.2	0.0	1.4	2.3	111.6
2015	5.0	21.9	(3.6)	0.0	2.9	0.2	6.5	4.3	0.4	N/A	19.6	0.0	1.5	3.3	62.1
2016	4.5	20.1	6.7	0.0	2.9	0.2	6.5	4.2	0.4	N/A	21.2	0.0	1.6	4.2	72.5
2017	4.5	18.1	6.6	0.0	2.9	0.2	6.5	4.2	0.4	N/A	22.9	0.0	1.6	4.2	72.1

Anticipated Winter Capacity Reductions (MW)

	CIG DR	Energy Wise™	DSDR	Res Home Advantage	Residential HEIP	Res Low Income	Res Lighting	Lighting Gen Service	Res Appl. Recycling	Res EE Benchmark	CIG Energy Efficiency	Solar Water Heating	SMB Direct Install	Res New Const.	Total
2014	2.3	1.5	TBD	0.0	2.9	0.4	7.0	2.8	0.4	2.3	15.4	0.0	0.6	1.2	36.7
2015	2.3	1.5	TBD	0.0	2.4	0.3	6.9	2.8	0.3	N/A	16.6	0.0	0.6	1.7	35.4
2016	2.0	1.5	TBD	0.0	2.4	0.3	6.8	2.8	0.3	N/A	17.9	0.0	0.6	2.2	36.9
2017	2.0	1.5	TBD	0.0	2.4	0.3	6.8	2.8	0.3	N/A	19.4	0.0	0.6	2.2	38.4

## Provision (h)(1)(ii)e - Expected energy reductions

(h) Filing Requirements and Procedure.

- (1) DEP shall submit to ORS and the Commission all of the following information in its application:
  - (ii) For each DSM/EE program for which cost recovery is requested:
    - e. total expected energy reduction in the aggregate and per appropriate capacity, energy and measure unit metric

The following table provides estimated energy reductions, at the meter, for the measures in which the Company is seeking cost recovery. The reductions are provided both by measure and in aggregate.

	CIG DR	Energy Wise™	DSDR	Res Home Advantage	Residential HEIP	Res Low Income	Res Lighting	Lighting Gen Service	Res Appl. Recycling	Res EE Benchmark	CIG Energy Efficiency	Solar Water Heating	SMB Direct Install	Res New Const.	Total
2014	N/A	N/A	(121)	0	3,087	1,801	53,651	25,471	4,416	2,880	70,469	0	5,868	5,885	173,408
2015	N/A	N/A	24,831	0	3,110	1,801	45,337	21,509	3,533	NA	76,107	0	6,382	9,131	191,741
2016	N/A	N/A	1,180	0	3,119	1,801	45,048	21,311	3,533	NA	82,196	0	6,518	11,625	176,330
2017	N/A	N/A	1,146	0	3,127	1,801	45,342	21,366	3,533	NA	88,771	0	6,680	11,625	183,393

**Provision (h)(1)(ii)f - Actual and estimated test period costs**

(h) Filing Requirements and Procedure.

- (1) DEP shall submit to ORS and the Commission all of the following information in its application:
- (ii) For each DSM/EE program for which cost recovery is requested:
- f. total expenses for the test period in the aggregate and broken down by type of expenditure per appropriate capacity, energy and measure unit metric and the proposed jurisdictional allocation factors

For purposes of cost recovery through the DSM/EE rider, the Company's actual and estimated expenditures for the test period, April 1, 2013 through March 31, 2014, have been broken down by type of expenditure and are provided in the following table:

Program / Measure	Recoverable Expenditures (System Retail)					Total Costs and Incentives
	O&M <sup>1</sup>	Depreciation	Capital Costs	Income and General Taxes	PPI and Net Lost Revenue	
<b>Demand-Side Management Programs</b>						
CIG DR	1,444,235				143,177	1,587,411
EnergyWise™	10,213,496				2,749,592	12,963,088
DSDR Implementation <sup>2</sup>	7,395,355	11,492,645	11,747,899	8,387,818	-	39,023,716
<b>Energy Efficiency Programs</b>						
Res Home Advantage	7,542				625,045	632,587
Res Home Energy Improve.	5,303,926				1,316,585	6,620,511
Residential Low Income-NES <sup>3</sup>	2,156,498				616,321	2,772,819
Lighting (Residential)	7,411,001				18,095,624	25,506,626
Lighting (General Service)	900,091				7,457,499	8,357,590
Res Appliance Recycling	1,714,798				886,650	2,601,448
Residential EE Benchmark	434,260				409,882	844,142
Solar Hot Water Heating Pilot <sup>4</sup>	-				-	-
CIG Energy Efficiency	8,699,191				11,514,291	20,213,482
Small Business Direct Install	5,137,710				166,978	5,304,689
Residential New Construction	2,802,336				64,414	2,866,750
CFL Pilot	-				75,129	75,129
<b>Program Subtotals</b>	<b>53,620,440</b>	<b>11,492,645</b>	<b>11,747,899</b>	<b>8,387,818</b>	<b>44,121,186</b>	<b>129,369,988</b>
<b>Administrative and General</b>						<b>3,010,351</b>
<b>Carrying Costs with Income Taxes</b>						<b>12,770,527</b>
<b>Expenditure Totals</b>						<b>145,150,866</b>

<sup>1</sup> The listed O&M expenses will be recovered through the DSM/EE Rider over a ten-year period except for Lighting Program which is recovered over a five year period and the Residential EE Benchmarking Program which is recovered during the current period (one-year) and is not subject to deferral.

<sup>2</sup> The DSDR Program does not include Program Performance Incentives (PPI). While amounts for net lost revenues are applicable, PPI amounts are not being requested by the Company.

<sup>3</sup> The Residential Low Income Program does not include Program Performance Incentives (PPI). While amounts for net lost revenues are applicable, PPI amounts are not being requested by the Company.

<sup>4</sup> The Company has not requested a Program Performance Incentive (PPI) or net lost revenues for its Solar Hot Water Heating Pilot Program.

**Provision (h)(1)(ii)f – Continued**

For purposes of cost recovery through the South Carolina DSM/EE rider, the Company's actual and estimated expenses for the test period, April 1, 2013 through March 31, 2014, have been broken down for South Carolina jurisdictional retail customers by type of expenditure and are provided in the following table:

Program / Measure	Recoverable Expenditures (South Carolina Retail)					Total Costs and Incentives
	O&M <sup>1</sup>	Depreciation	Capital Costs	Income and General Taxes	PPI and Net Lost Revenue	
<b>Demand-Side Management Programs</b>						
CIG DR	195,405				19,372	214,777
EnergyWise™	1,381,886				372,020	1,753,906
DSDR Implementation <sup>2</sup>	1,000,592	1,554,955	1,589,491	1,134,872	-	5,279,909
<b>Energy Efficiency Programs</b>						
Res Home Advantage	1,051				87,131	88,183
Res Home Energy Improvement	739,367				183,532	922,899
Residential Low Income-NES <sup>3</sup>	300,616				85,915	386,531
Lighting (Residential)	1,033,094				2,522,530	3,555,624
Lighting (General Service)	125,473				1,009,000	1,134,472
Res Appliance Recycling	239,043				123,599	362,642
Residential EE Benchmark	60,536				57,138	117,673
Solar Hot Water Heating Pilot <sup>4</sup>	-				-	-
CIG Energy Efficiency	1,212,667				1,557,884	2,770,551
Small Business Direct Install	716,197				22,592	738,789
Residential New Construction	390,646				8,979	399,625
CFL Pilot	-				10,473	10,473
<b>Program Subtotals</b>	<b>7,396,572</b>	<b>1,554,955</b>	<b>1,589,491</b>	<b>1,134,872</b>	<b>6,060,164</b>	<b>17,736,053</b>
<b>Administrative and General</b>						<b>416,648</b>
<b>Carrying Costs with Income Taxes</b>						<b>1,757,783</b>
<b>Expenditure Totals</b>						<b>19,910,484</b>

<sup>1</sup> The listed O&M expenses will be recovered through the DSM/EE Rider over a ten-year period except for Lighting Program which is recovered over a five year period and the Residential EE Benchmarking Program which is recovered during the current period (one-year) and is not subject to deferral.

<sup>2</sup> The DSDR Program does not include Program Performance Incentives (PPI). While amounts for net lost revenues are applicable, PPI amounts are not being requested by the Company.

<sup>3</sup> The Residential Low Income Program does not include Program Performance Incentives (PPI). While amounts for net lost revenues are applicable, PPI amounts are not being requested by the Company.

<sup>4</sup> The Company has not requested a Program Performance Incentive (PPI) or net lost revenues for its Solar Hot Water Heating Pilot Program.

**Provision (h)(1)(ii)f – Continued**

The following table provides the direct program costs, excluding Program Performance Incentives and the recovery of net lost revenues, per appropriate capacity, energy and measure unit metric, over the various program lives. It is important to note that unitized costs will vary from year to year and should be viewed over program lives. Program cost estimates over the life of the program were supplied with the Company's original program applications.

Program / Measure	System Costs	Measure Lives	DSM Costs / (MW x Years)	EE Costs / (MWH x Years)
<b>Demand-Side Management Programs (Calculated on EOY 2013 MW Capabilities - at the meter)</b>				
CIG DR	1,444,235	30-yrs	\$35,165	NA
EnergyWise™	10,213,496	30-yrs	\$12,194	NA
DSDR Implementation	39,023,716	30-yrs	\$14,626	NA
<b>Energy Efficiency Programs (Calculated Using Test Period MWH Savings - at the meter)</b>				
Res Home Advantage	7,542	20-yrs	NA	\$4
Res Home Energy Improvement	5,303,926	15-yrs	NA	\$90
Residential Low Income	2,156,498	10-yrs	NA	\$121
CIG Energy Efficiency	8,699,191	10-yrs	NA	\$13
Lighting (Residential)	7,411,001	7-yrs	NA	\$10
Lighting (General Service)	900,091	3-yrs	NA	\$3
Res Appliance Recycling	1,714,798	10-yrs	NA	\$38
Residential EE Benchmarking	434,260	1-yr	NA	\$45
Small Business Direct Install	5,137,710	10-yrs	NA	\$116
Residential New Construction	2,802,336	20-yrs	NA	\$117

The Company's proposed jurisdictional allocation factors for the test period, April 1, 2013 through March 31, 2014, are provided in attached Appendix B.



## Provision (h)(1)(ii)g – Test period Costs associated with measures

(h) Filing Requirements and Procedure.

(1) DEP shall submit to ORS and the Commission all of the following information in its application:

(ii) For each DSM/EE program for which cost recovery is requested:

g. total costs that DEP incurred for the test period as a direct result of the measure in the aggregate and broken down by type of cost per appropriate capacity, energy and measure unit metric, and the proposed jurisdictional allocation factors, as well as any changes in the estimated future amounts since last filed with the Commission;

---

The total costs that DEP incurred for the test period as a direct result of the measure in the aggregate and broken down by type of cost per appropriate capacity, energy and measure unit metric are provided in the table on the preceding page. A further breakdown of unit metrics associated with the twelve month period ending December 31, 2013, used a surrogate for test period activity, is provided on attached Appendix C. DEP's proposed jurisdictional allocation factors have been provided on attached Appendix B. In terms of variations in estimated future amounts, DEP is currently unaware of any material differences associated with its offerings.

## Provision (h)(1)(ii)h - Measurement and verification activities for test period

(h) Filing Requirements and Procedure.

(1) DEP shall submit to ORS and the Commission all of the following information in its application:

(ii) For each DSM/EE program for which cost recovery is requested:

h. a description of, the results of, and the costs of all measurement and verification activities conducted in the test period;

---

### Demand Side Management Portfolio

#### ***DSDR***

As DSDR was considered in “testing mode” throughout the test period, there were no EM&V activities other than baseline data collection.

#### ***EnergyWise<sup>SM</sup>***

DEP has contracted with an independent, third-party evaluation consultant to provide the appropriate EM&V support, including the development and implementation of an evaluation plan designed to measure the demand impacts of the EnergyWise<sup>TM</sup> program.

The third-party evaluation consultant is performing an evaluation for DEP’s EnergyWise<sup>TM</sup> program including all relevant impact and process evaluation services required to support continued program planning and implementation, system resource planning and forecasting, and regulatory filings.

EM&V services performed through March 2014 include:

- Collect program data
- Process evaluation interviews
- Verify operability and performance through on-site visits
- Collect interval data
- Program database review
- Benchmarking research
- Dispatch optimization modeling
- Impact data analysis
- Reporting

Total actual and estimated cost of EnergyWise<sup>TM</sup> EM&V activities for the test period through March 2014 are \$166,988

## **Provision (h)(1)(ii)h – Continued**

### ***CIG Demand Response Automation Program***

DEP has contracted with an independent, third-party evaluation consultant to provide the appropriate EM&V support, including the development and implementation of an evaluation plan designed to measure the demand impacts of the CIG Demand Response program.

The third party evaluator is performing an evaluation for DEP's CIG Demand Response program, including all relevant impact and process evaluation services required to support program planning and implementation, system resource planning and forecasting, and regulatory filings.

EM&V services performed through March 2014 include:

- Process evaluation interviews
- Verify operability and performance through on-site visits
- Collect interval data
- Market research for DR benchmarking study
- Program database review
- Data analysis
- Reporting

Total actual and estimated cost of CIG Demand Response EM&V activities for the test period through March 2014 are \$66,979.

### **Energy Efficiency Portfolio**

DEP has contracted with an independent, third-party evaluation consultant to provide the appropriate EM&V support, including the development and implementation of an evaluation plan designed to measure the demand and energy impacts of the energy efficiency portfolio.

The third party evaluator is performing an evaluation for DEP's energy efficiency portfolio, including all relevant impact and process evaluation services required to support program planning and implementation, system resource planning and forecasting, and regulatory filings.

Neighborhood Energy Saver Program, Residential Lighting Program, Appliance Recycling Program, Home Energy Improvement Program, Energy Efficiency for Business Program, Home Advantage Program, Small Business Energy Saver, Residential New Construction, and Residential Energy Efficient Benchmarking are the programs that make up the energy efficiency portfolio.

EM&V services performed through March 2014 include:

- Process evaluation interviews
- Verify measure installation and performance through on-site visits
- Collect program data

## Provision (h)(1)(ii)h – Continued

- Program database review
- Data analysis
- Reporting

Test period actual and budgeted costs through March 2014 for EE portfolio EM&V activities is summarized in the following table:

Program	Test Period Actual and Budget
Neighborhood Energy Saver	\$157,642
Residential Lighting	\$244,051
Appliance Recycling	\$84,858
Home Advantage	\$6,127
Home Energy Improvement	\$239,249
Energy Efficiency for Business	\$480,586
Residential Energy Efficient Benchmarking	\$53,917
Small Business Energy Saver	\$35,869
Residential New Construction	\$122,916

### **Neighborhood Energy Saver Program**

EM&V services performed through March 2014 include:

- The collection of program data
- Process evaluation interviews
- Verify measure through on-site visits
- Program database review
- Data analysis
- Reporting

EM&V results for the program year 2011 are contained in the Neighborhood Energy Saver Program EM&V report dated January 28, 2013 filed on January 31, 2013 in Docket 2009-190-E. EM&V results for program year 2012 are contained in the Neighborhood Energy Saver Program EM&V report dated January 22, 2014 filed on February 5, 2014 in Docket 2009-190-E.

### **Lighting Program**

EM&V services performed through March 2014 include:

- The collection of program data
- Process evaluation interviews
- Determination of non-residential participation
- Verify measure through on-site visits
- Program database review

## **Provision (h)(1)(ii)h – Continued**

- Data analysis
- Reporting

EM&V results for the program year 2012 are contained in the Lighting Program EM&V report dated July 15, 2013 filed on July 16, 2013 in Docket 2010-41-E.

### ***Appliance Recycling Program***

EM&V services performed through March 2014 include:

- The collection of program data
- Process evaluation interviews
- Verify measure through on-site visits
- Program database review
- Data analysis
- Reporting

EM&V results for the program year 2011 are contained in the Appliance Recycling Program EM&V report dated January 29, 2013 filed on January 31, 2013 in Docket 2010-41-E. EM&V results for the program year 2012 is contained in the Appliance Recycling Program EM&V report dated January 15, 2014 filed on January 20, 2014 in Docket 2010-41-E.

## **Provision (h)(1)(ii)h – Continued**

### ***Home Advantage Program***

EM&V services performed through March 2014 include:

- The collection of program data
- Process evaluation interviews
- Verify measure through on-site visits
- Program database review
- Data analysis
- Reporting

EM&V results for the program years 2012 and 2013 are contained in the Home Advantage Program EM&V report dated December 16, 2013 filed with the Commission on January 20, 2014 in Docket 2008-251-E.

### ***Home Energy Improvement Program***

EM&V services performed through March 2014 include:

- The collection of program data
- Process evaluation interviews
- Verify measure through on-site visits
- Program database review
- Data analysis
- Reporting

EM&V results for the program year 2012 are contained in the Home Energy Improvement Program EM&V report dated December 12, 2013 filed on December 19, 2013 in Docket 2008-251-E.

### ***Energy Efficiency for Business Program***

EM&V services performed through March 2014 include:

- The collection of program data
- Process evaluation interviews
- Verify measure through on-site visits
- Program database review
- Data analysis
- Reporting

## **Provision (h)(1)(ii)h – Continued**

EM&V results for program year 2012 are contained in the Energy Efficiency for Business Program EM&V report dated September 27, 2013 filed on October 10, 2013 in Docket 2008-251-E.

### ***Residential Energy Efficient Benchmarking Program***

EM&V services performed through March 2014 include:

- The collection of program data
- Process evaluation interviews
- Verify measure through on-site visits
- Program database review
- Data analysis
- Reporting

EM&V results for the 2012-2013 program period are contained in the Residential Energy Efficient Benchmarking Program EM&V report dated January 27, 2014 filed with the Commission on February 5, 2014 in Docket 2011-180-E.

**Provision (h)(1)(ii)i - Test period summer and winter peak demand reductions**

(h) Filing Requirements and Procedure.

- (1) DEP shall submit to ORS and the Commission all of the following information in its application:
    - (ii) For each DSM/EE program for which cost recovery is requested:
      - i. total summer and winter peak demand reduction per appropriate capacity, energy, and measure unit metric and in the aggregate, as well as any changes in estimated future amounts;
- 

The information associated with this section has been supplied as a part of Provision (h)(1)(ii)m.



## **Provision (h)(1)(ii)j - Test period energy reductions**

(h) Filing Requirements and Procedure.

(1) DEP shall submit to ORS and the Commission all of the following information in its application:

(ii) For each DSM/EE program for which cost recovery is requested:

j. total energy reduction in the aggregate and per appropriate capacity, energy and measure unit metric, as well as any changes in the estimated future amounts since last filed with the Commission;

---

The information associated with this section has been supplied as a part of Provision (h)(1)(ii)m and within attached Appendix C.

## **Provision (h)(1)(ii)k - Test period findings and results of measures**

(h) Filing Requirements and Procedure.

- (1) DEP shall submit to ORS and the Commission all of the following information in its application:
    - (ii) For each DSM/EE program for which cost recovery is requested:
      - k. a discussion of the findings and the results of the program or measure;
- 

### **Neighborhood Energy Saver**

The Neighborhood Energy Saver (NES) Program was launched in October 2009 to provide information and energy conservation measures to encourage and reduce energy consumption and costs in low-income homes. A comprehensive package of energy conservation measures is installed in the homes of low-income families to assist them in reducing their overall energy use and household energy costs. The Program has served 19,247 participants from its inception through December 2013. The program has experienced greater than expected program participation with over 85% of the eligible residents choosing to participate and receive the services.

Participation success can be attributed to the efforts made in advance to disseminate information about the program to residents, working with the local community leaders and advocacy groups, and the work of the installer teams to ensure every resident's home has been contacted.

A challenge of the program is the timely preparation of the next neighborhood so that the installation team can move from one neighborhood to the next without 'downtime'.

### **Home Advantage Program**

The Home Advantage Program was launched in January 2009 to encourage home builders and residential developers to build to ENERGY STAR standards. While participation was nominal in 2009 partially as a result of the recession and the distressed housing industry, participation levels rebounded in 2010. Through year end 2013, 9,272 homes have been built to Home Advantage standards, capturing approximately 70% of the Energy Star Homes built to date.

With the increase in Energy Star standards starting 2012, the program is no longer cost effective. As a result, the program will only accept rebate applications for homes that were permitted before March 1, 2012 and completed by February 28, 2013. A new program, Residential New Construction, was filed and approved in its place (see below).

## **Provision (h)(1)(ii)k – Continued**

### **Lighting Program**

The Lighting Program launched in January of 2010 and expanded to offer additional measures in January 2013 (now called Energy Efficient Lighting Program). This program works through lighting manufacturers and retailers to offer discounts to DEP customers at the register on CFLs, LEDs, and energy-efficient fixtures. Participation levels (CFLs) for the first three years of the program were higher than originally forecasted. This success can be attributed to high customer interest in energy efficiency, low socket penetration of CFLs in the DEP territory and effective promotion of the program in the marketplace.

As a result of the initial EM&V analysis, DEP was able to determine the extent of non-residential participation in this program. This determination allowed DEP to quantify two impacts. The first of these was the recognition of greater hours of use in the non-residential market which impacted program savings. The second of these impacts, due greater hours of use in the non-residential market, was a corresponding lessening of the expected bulb life.

As the program moves into the fourth year, the DEP Energy Efficient Lighting Program will encourage customers to adopt energy efficient lighting through incentives on a wide range of products, including CFLs, LEDs and fixtures. Customer education is imperative to ensure customers are purchasing the right bulb for the application in order to obtain high satisfaction with lighting products.

### **Appliance Recycling Program**

The Appliance Recycling Program was launched in mid-April of 2010. The program has recycled 31,621 appliances recycled through December 2013. Overall program success can be attributed to higher customer interest in energy efficiency, DEP's rebates, and customer acceptance and appreciation of the recycling benefits of the program for the environment. Since this is a retirement program, a challenge is reaching and encouraging those customers with second refrigerators / freezers to recycle them. It is also recognized that the lifestyle and habits of DEP customers are likely having a negative impact on program participation due to the longstanding tradition of having a secondary refrigerator for cold storage of food and beverages.

## **Provision (h)(1)(ii)k – Continued**

### **Home Energy Improvement Program**

The Home Energy Improvement Program was launched in July of 2009. The purpose of this program is to offer customers, with existing homes, a variety of energy conservation measures designed to increase energy efficiency in existing residential dwellings.

The program utilizes a network of over 635 prequalified contractors from a list provided by Company to install energy efficiency measures. Program to date, 105,045 rebates have been processed. The overall program success can be attributed to higher customer interest in energy efficiency, customers capitalizing on the 2010 and 2011 federal tax credits in conjunction with DEP's rebates, and promotion of the program by contractor acceptance.

In 2012 HEIP made modifications to measure incentives, removing measure Level I Tune-Ups, Duct Testing and Windows as a result of third party EM&V and legislation. Additional measures added to the portfolio were Energy Star room air conditioners and heat pump water heaters. Promotion of the program includes consumer and contractor program flyers, direct mail, bill inserts, email blasts, trade shows to consumers, contractors and contractor collateral to support the contractor network. The current economy will likely have a negative impact on program participation due to less disposable income. The federal tax credit incentive was reinstated for 2012 and 2013 at reduced levels compared to previous years, which makes it harder to justify energy efficiency improvements with longer term paybacks.

### **Residential New Construction**

The RNC program was approved in October 2012 and launched in January 2013. The program is designed to provide incentives to builders who 1) install energy efficient HVAC / water heating equipment or 2) build their homes to higher standards than code. The incentives for homes built to higher standards are based on documented Home Energy Raters (HERS) scores. In 2013 a total of 514 homes were rebated, utilizing 25 rates and 167 builders.

### **Energy Efficiency for Business (EEB) Program**

The Energy Efficiency for Business (EEB) program promotes energy efficient construction and retrofit in Duke Energy Progress' commercial, industrial, and governmental markets. The program continues to exceed expectations and savings targets. The poor economy that had dampened customer interest in new building construction since program inception has waned spurring customer applications for new construction incentives and for technical assistance dollars, including large customers. While large customer interest has declined overall, the program continues to be sustained by strong participation from small and mid-sized commercial customers, especially from the retrofit portion of the program. Lighting continues to be the primary program impact driver for the program with customers trying to get T12 fluorescent fixtures retrofitted or replaced. Customer feedback continued to tout EEB's technical assistance incentives as a key enabler to implement efficiency projects. The vast majority of customers who have applied for technical assistance have subsequently implemented energy efficiency projects.

## **Provision (h)(1)(ii)k – Continued**

Additional MWh savings in 2013 can be attributed to greater customer knowledge of EEB, and the maturation of the program's trade ally network. Despite these positive developments, DEP has decreased its projected EEB MWh savings contribution going forward from 2013. This is based on expectations of a continued negative impact on large customer participation due to the rising DSM/EE rider and the addition of a small business direct install program. Retrofit projects with large customers in the EEB program has continued to decrease due to anticipated increases in the DSM/EE Rider. During program development, there was considerable uncertainty regarding how the rider may affect program participation over time. After four full years of program performance, DEP now has a better sense of the negative impact an increasing rider poses to EEB program.

### **Residential Load Control Program (EnergyWise<sup>SM</sup>)**

The summer program (air conditioning load control), which is available to eligible customers system-wide, has experienced a participation level for the test period that has been right at or slightly above the Company's expectations. Response rate to the direct mail campaign has averaged 1% for the test period. The primary form of enrollment continues to be through business reply cards, which has constituted 75% of all enrollments. The remainder of enrollments has been through inbound telephone calls at 15% and online web enrollments at 10%. The summer program was activated five times during the test period for economic events and system testing.

The winter program (load control of water heating and auxiliary heat strips on central electric heat pumps) is available to DEP's Western region customers only. The program's participation levels for the test period have been below the Company's expectations. Response rate to the direct mail campaign has been fair to poor at 0.6%. Acquiring these loads even after enrollment has been a challenge since the load control switch installation requires a customer appointment to enter the home. Of all customers enrolling via the direct mail business reply card (BRC), approximately 20% either did not respond to outbound telephone calls to schedule an appointment, rescheduled multiple times, or cancelled an appointment all together. Enrollment to acquisition rate has also been diluted by a higher than expected percentage of customer equipment in poor condition and/or in need of repair and customers who are unaware of their energy source for water and space heating. The resource was activated once in the winter of 2013 for an economic event and most recently on January 7, 2014 and January 8, 2014 in response to various system reliability alerts under the General Load Reduction Plan (GLRP).

### **Small Business Energy Saver**

The Small Business Energy Saver (SBES) program was launched in January 2013 with the purpose of offering small business customers a convenient, turn-key process for making energy efficiency improvements to their businesses. With the SBES program, customers receive a free, no-obligation energy assessment of their facility and a recommendation of select energy efficiency measures including

### **Provision (h)(1)(ii)k – *Continued***

the projected costs (materials plus installation), incentives, and energy savings. The customer then makes the final determination of project scope before measures are installed.

Program eligibility is limited to non-residential customers with an average annual demand of 100 kW or less that cannot be classified as new construction. SBES program incentives are calculated per project based upon the actual estimated energy savings of the energy efficiency improvements and the conditions found within the customer's facility. The program provides an upfront customer incentive for up to 80 percent of the total cost of installed measures. Program measures address major end-uses in lighting, refrigeration, and HVAC applications, with lighting retrofits being the primary impact driver for the program.

The SBES program was received very favorably by small business customers in 2013 and had a successful first year in operation overall with 770 projects completed. In 2014, the SBES program looks to build on the program's first year success and is projected to surpass DEP's original MWh savings expectations for the second program year.

## Provision (h)(1)(ii)k – *Continued*

### **CIG DR (Demand Response Automation)**

Participation in the Demand Response Automation program has been below the Company's expectations. One customer was enrolled in the program during the test period, accounting for 2.5 MW of new contracted curtailable demand bringing the total program to approximately 17 MW. 80% of the contracted curtailable demand in the program thus far has been from opt-out eligible customers. The program was activated three times during the test period in response to minimum event requirements of the program tariff and system reliability alerts under the DEP General Load Reduction Plan (GLRP).

The opt-out clause, (and the associated DSM/EE rider requirement for those customers that opt-in) and the new EPA RICE NESHAP regulations for emergency generators continue to be a market barrier to customer participation.

Approximately 73% of the MW's enrolled in the program have come from customers that can backup their curtailable demand with emergency generation. The remaining committed load is straight curtailment, typically from shutdown of processes from participating industrial customers.

Over the course of the past four years, the U.S. Environmental Protection Agency (EPA) has been issuing and revising rules on the use of Reciprocating Internal Combustion Engines and their inclusion in the National Emission Standards for Hazardous Air Pollutants (RICE NESHAP). These rules negatively impact customer owned emergency generators and their use in utility demand response programs. After much public comment and multiple iterations, the final RICE NESHAP rules were released on January 14, 2013.

The following is a summary of important items from this regulation relating to demand response issues:

- The use of emergency generators for utility/RTO emergency demand response programs is limited to 100 hours annually—including testing. The rule states that a customer may not have a demand response contract that would require them to operate the generators for more than 100 hours, including testing.
- Emergency curtailments are defined as those that the RTO or Load Balancing Authority has declared conditions have reached an EEA Level 2 emergency, as defined by NERC.
- Within the 100 hours of allowed emergency demand response, 50 hours of use may be dispatched by the local balancing authority or local transmission and distribution system operator to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region in accordance w/ specific conditions identified in the rule.

### **Provision (h)(1)(ii)k – Continued**

- The use of emergency generators for peak shaving or other non-emergency economic demand response purposes will be limited to 50 hours and will not be allowed after May 3, 2014. Sources that wish to continue peak shaving or other non-emergency operation must install controls and complete an initial performance test which demonstrates compliance with non-emergency NESHAP standards by May 3, 2014.
- The utility will be required to report customers with emergency generators on its demand response programs and the start and stop times of operation during the course of the year (tests as well as events). This requirement begins for calendar year 2015.
- These same rules are proposed to be added to the New Source Performance Standards so that all (new and existing) generators have the same emissions rules.

Since EPA regulations and the DSM/EE rider opt-out clause have negatively impacted the original DRA program design, DEP has revised the rider in an effort to retain existing customers and increase future participation. A new DRA rider was filed and approved in NC & SC in late 2013, and became effective January 1, 2014. Highlights of those revisions are as follows:

- Open the program to more midsize, opt-out ineligible customers by removing the 200 kW contract demand requirement. Regardless of contract demand, any C&I customer that can provide 75 kW of curtailable demand can participate in the program.
- Split the program into two participation options. A Curtailable Option for customers who will only curtail or curtail and backup their load with generators classified by EPA as non-emergency; and an Emergency Generator option for eligible customers who backup their curtailable load with generators classified as emergency only.

### **DSDR**

During the first 10 months of the test period, DSDR was not activated except for testing. The full implementation of the DMS was extended through December 2013 in order to allow for a comprehensive validation of the system's functionality. As a result, the 2013 incremental MW estimate could not be validated during the summer peak season. The 2013 incremental estimate has therefore been modified and the realization of the total peak demand reduction capability of the DSDR program has been extended into 2014. The DSDR peak demand reduction and MWh savings estimates have been updated to reflect these changes as well as changes in the MW Optimization construction schedule and forecasted retail peak demand and energy sales.



**Provision (h)(1)(ii)l - Evaluation of event based measure during test period**

(h) Filing Requirements and Procedure.

- (1) DEP shall submit to ORS and the Commission all of the following information in its application:
- (ii) For each DSM/EE program for which cost recovery is requested:
- I. evaluations of event-based programs including the date, weather conditions, event trigger, number of customers notified and number of customers enrolled;

**DSDR**

During the twelve month period ending February 28, 2014, DSDR was not activated except for testing. The full potential of DSDR activations will be realized when its DMS capabilities are up and running later this year.

**Residential Load Control Program (EnergyWise<sup>SM</sup>)**

The following table provides information on load control occurrences associated with DEP's EnergyWise<sup>SM</sup> program covering the twelve month period ending February 28, 2014:

Date	Weather Conditions	Event Trigger <sup>1</sup>	Control Mode	Switches Activated	Number of Customers Controlled	Number of Customers Enrolled
Mar-22-13	25.0° F	Economic Event	Water Heaters	4,469	4,358	WH - 4358
Mar-22-13	25.0° F	Economic Event	HP Strip Heat	3,071	2,785	SH - 2785
Jun-13-13	93.0° F	Full Shed Test	AC Units	100,710	87,487	AC - 87487
Jul-18-13	92.0° F	Economic Event	AC Units	108,767	94,727	AC - 94727
Jul-24-13	90.0° F	M&V Event	AC Units	131	110	AC - 110
Aug-09-13	90.0° F	M&V Event	AC Units	131	110	AC - 110
Aug-12-13	91.0° F	Economic Event	AC Units	109,235	95,136	AC - 95136
Jan-07-14	9.0° F	GLRP Reliability Level 3	Water Heaters	5,191	5,074	WH - 5074
Jan-07-14	9.0° F	GLRP Reliability Level 3	HP Strip Heat	3,537	3,226	SH - 3226
Jan-08-14	15.0° F	GLRP Reliability Alert	Water Heaters	5,194	5,077	WH - 5077
Jan-08-14	15.0° F	GLRP Reliability Alert	HP Strip Heat	3,538	3,227	SH - 3227

<sup>1</sup> GLRP - General Load Reduction Plan

**Provision (h)(1)(ii)l – Continued****CIG DR (Demand Response Automation)**

The following table provides information on load control occurrences associated with DEP's CIG Demand Response Automation program covering the twelve month period ending March 31, 2014:

Date	Weather Conditions	Event Trigger <sup>1</sup>	Control Mode	Points of Delivery Controlled	Number of Customers Controlled	Number of Customers Enrolled
Jul-18-13	92.0° F	Minimum Event Requirement	NA	49	16	16
Aug-09-13	90.0° F	Minimum Event Requirement	NA	49	16	16
Aug-12-13	91.0° F	Minimum Event Requirement	NA	49	16	16
Jan-07-14	14.0° F	GLRP Reliability Level 3	NA	16	2	12
Jan-08-14	17.0° F	GLRP Reliability Alert	NA	24	12	12

---

<sup>1</sup> GLRP - General Load Reduction Plan

## Provision (h)(1)(ii)m – Comparison of impact estimates

(h) Filing Requirements and Procedure.

- (1) DEP shall submit to ORS and the Commission all of the following information in its application:
  - (ii) For each DSM/EE program for which cost recovery is requested:
    - m. a comparison of impact estimates presented in the measure application from the previous year, those used in reporting for previous measure years, and an explanation of significant differences in the impacts reported and those previously found or used;

The Company's current impact estimate of capacity savings, estimated savings used in its previous report, and their differences, expressed in megawatts at the meter, varied by program, however, in aggregate, the forecasted summer and winter capacity reductions exceeded expectations. These items are provided in the following tables. Explanations of variances are provided in Provision(h)(1)(ii)k:

Forecasted Summer Capacity Savings from Docket No. 2013-76-E (MW)

	CIG DR	Energy Wise™	DSDR	Res Home Advantage	Residential HEIP	Res Low Income	Lighting Residential	Lighting Gen Service	Res Appl. Recycling	Res EE Benchmark	CIG Energy Efficiency	Solar Water Heating	SMB Direct Install	Res New Const.	Total
2013	3.8	22.4	99.9	0.0	2.6	0.3	5.9	4.2	0.5	1.8	12.3	NA	2.4	1.9	158.1
2014	5.0	24.0	30.1	0.0	4.3	0.2	5.8	4.7	0.9	0.5	12.9	NA	3.6	1.6	93.6
2015	5.0	21.9	5.3	0.0	5.0	0.2	4.1	3.2	0.9	(0.6)	13.7	NA	3.6	3.4	65.7
2016	4.5	20.1	6.1	0.0	4.5	0.2	3.7	2.9	0.9	(1.9)	14.4	NA	3.6	3.7	62.7

Anticipated Summer Capacity Reductions (MW)

	CIG DR	Energy Wise™	DSDR	Res Home Advantage	Residential HEIP	Res Low Income	Res Lighting	Lighting Gen Service	Res Appl. Recycling	Res EE Benchmark	CIG Energy Efficiency	Solar Water Heating	SMB Direct Install	Res New Const.	Total
2013	1.4	27.9	88.9	0.0	3.5	0.2	14.9	9.8	0.5	1.8	16.8	0.0	1.1	0.4	167.4
2014	5.0	26.8	41.1	0.0	2.9	0.2	7.7	5.0	0.5	0.5	18.2	0.0	1.4	2.3	111.6
2015	5.0	21.9	(3.6)	0.0	2.9	0.2	6.5	4.3	0.4	N/A	19.6	0.0	1.5	3.3	62.1
2016	4.5	20.1	6.7	0.0	2.9	0.2	6.5	4.2	0.4	N/A	21.2	0.0	1.6	4.2	72.5

Differences Between Previous and Updated Summer Capacity Forecasts (MW)

	CIG DR	Energy Wise™	DSDR	Res Home Advantage	Residential HEIP	Res Low Income	Res Lighting	Lighting Gen Service	Res Appl. Recycling	Res EE Benchmark	CIG Energy Efficiency	Solar Water Heating	SMB Direct Install	Res New Const.	Total
2013	(2.4)	5.5	(11.0)	0.0	1.0	(0.0)	9.0	5.6	(0.0)	(0.1)	4.5	0.0	(1.4)	(1.5)	9.3
2014	0.0	2.8	10.9	(0.0)	(1.5)	0.0	2.0	0.4	(0.4)	0.0	5.3	0.0	(2.2)	0.7	18.0
2015	0.0	0.0	(8.9)	0.0	(2.2)	(0.0)	2.4	1.0	(0.5)	0.6	5.9	0.0	(2.1)	(0.1)	(3.6)
2016	0.0	0.0	0.7	0.0	(1.7)	(0.0)	2.8	1.3	(0.5)	1.9	6.8	0.0	(2.0)	0.5	9.8

Provision (h)(1)(ii)m - Continued

Forecasted Winter Capacity Values from Docket No. 2013-76-E (MW)<sup>1</sup>

	CIG DR	Energy Wise™	DSDR	Res Home Advantage	Residential HEIP	Res Low Income	Res Lighting	Lighting Gen Service	Res Appl. Recycling	Res EE Benchmark	CIG Energy Efficiency	Solar Water Heating	SMB Direct Install	Res New Const.	Total
2013	1.6	1.6	TBD	0.0	4.4	0.5	8.2	3.6	0.5	2.3	5.5	NA	1.0	2.4	31.5
2014	3.3	1.4	TBD	0.0	3.0	0.4	8.0	3.3	0.8	2.1	5.7	NA	1.5	1.9	31.5
2015	3.3	1.3	TBD	0.0	3.4	0.4	5.7	2.3	0.8	(2.6)	6.1	NA	1.5	4.2	26.4
2016	3.0	1.2	TBD	0.0	3.1	0.4	5.2	2.1	0.8	(7.8)	6.4	NA	1.5	4.6	20.4

Anticipated Winter Capacity Reductions (MW)

	CIG DR	Energy Wise™	DSDR	Res Home Advantage	Residential HEIP	Res Low Income	Res Lighting	Lighting Gen Service	Res Appl. Recycling	Res EE Benchmark	CIG Energy Efficiency	Solar Water Heating	SMB Direct Install	Res New Const.	Total
2013	0.0	1.4	TBD	0.0	2.7	0.4	17.1	7.0	0.4	2.3	14.2	0.0	0.4	0.2	46.2
2014	2.3	1.5	TBD	0.0	2.9	0.4	7.0	2.8	0.4	2.3	15.4	0.0	0.6	1.2	36.7
2015	2.3	1.5	TBD	0.0	2.4	0.3	6.9	2.8	0.3	N/A	16.6	0.0	0.6	1.7	35.4
2016	2.0	1.5	TBD	0.0	2.4	0.3	6.8	2.8	0.3	N/A	17.9	0.0	0.6	2.2	36.9

Differences Between Previous and Updated Winter Capacity Forecasts (MW)

	CIG DR	Energy Wise™	DSDR	Res Home Advantage	Residential HEIP	Res Low Income	Res Lighting	Lighting Gen Service	Res Appl. Recycling	Res EE Benchmark	CIG Energy Efficiency	Solar Water Heating	SMB Direct Install	Res New Const.	Total
2013	(1.6)	(0.2)	TBD	0.0	(1.7)	(0.1)	8.9	3.4	(0.1)	0.0	8.7	0.0	(0.5)	(2.2)	14.7
2014	(1.1)	0.1	TBD	(0.0)	(0.1)	(0.1)	(1.1)	(0.5)	(0.3)	0.2	9.7	0.0	(0.9)	(0.7)	5.2
2015	(1.1)	0.2	TBD	0.0	(1.1)	(0.1)	1.1	0.5	(0.4)	N/A	10.5	0.0	(0.8)	(2.5)	6.4
2016	(1.0)	0.3	TBD	0.0	(0.7)	(0.1)	1.6	0.7	(0.4)	N/A	11.6	0.0	(0.8)	(2.4)	8.8

<sup>1</sup> DSDR related winter capacity reductions will be reported subsequent to the completion of the DSDR EM&V analysis.

**Provision (h)(1)(ii)m - Continued**

The Company's current impact estimate of energy savings, estimated savings used in its previous report, expressed in megawatt hours at the meter, varied by program, however, in aggregate, the forecasted energy reductions exceeded expectations. Both forecasts, along with their differences, are provided in the following tables:

Forecasted Energy Values from Docket No. 2013-76-E (MWH)

	CIG DR	Energy Wise™	DSDR	Res Home Advantage	Residential HEP	Res Low Income	Res Lighting	Lighting Gen Service	Res Appl. Recycling	Res EE Benchmark	CIG Energy Efficiency	Solar Water Heating	SMB Direct Install	Res New Const.	Total
2013	86	409	22,102	78	4,583	1,801	51,479	24,091	4,480	10,499	52,993	NA	10,098	6,892	189,592
2014	90	83	2,861	0	5,040	1,801	37,606	30,140	5,416	2,880	53,004	NA	15,000	5,596	159,517
2015	90	58	840	0	4,536	1,801	37,128	17,404	4,062	(3,600)	56,004	NA	15,000	6,155	139,477
2016	86	54	1,057	0	4,082	1,801	33,415	15,664	2,843	(10,800)	58,804	NA	15,000	6,155	128,161

Anticipated Energy Reductions (MWH)

	CIG DR	Energy Wise™	DSDR	Res Home Advantage	Residential HEP	Res Low Income	Res Lighting	Lighting Gen Service	Res Appl. Recycling	Res EE Benchmark	CIG Energy Efficiency	Solar Water Heating	SMB Direct Install	Res New Const.	Total
2013	N/A	N/A	102	87	3,925	1,777	105,593	50,195	4,571	9,757	65,254	0	4,447	1,201	246,908
2014	N/A	N/A	(121)	0	3,087	1,801	53,651	25,471	4,416	2,880	70,469	0	5,868	5,885	173,408
2015	N/A	N/A	24,831	0	3,110	1,801	45,337	21,509	3,533	NA	76,107	0	6,382	9,131	191,741
2016	N/A	N/A	1,180	0	3,119	1,801	45,048	21,311	3,533	NA	82,196	0	6,518	11,625	176,330

Differences Between Previous and Updated Energy Forecasts (MWH)

	CIG DR	Energy Wise™	DSDR	Res Home Advantage	Residential HEP	Res Low Income	Res Lighting	Lighting Gen Service	Res Appl. Recycling	Res EE Benchmark	CIG Energy Efficiency	CFL Pilot	SMB Direct Install	Res New Const.	Total
2013	(86)	(409)	(22,000)	9	(658)	(24)	54,113	26,104	91	(742)	12,261	0	(5,651)	(5,692)	57,316
2014	(90)	(83)	(2,981)	0	(1,953)	(0)	16,045	(4,669)	(1,000)	0	17,465	0	(9,132)	289	13,892
2015	(90)	(58)	23,991	0	(1,426)	(0)	8,209	4,105	(529)	3,600	20,103	0	(8,618)	2,976	52,264
2016	(86)	(54)	123	0	(963)	0	11,633	5,647	690	10,800	23,391	0	(8,482)	5,469	48,168

## Provision (h)(1)(ii)n – Determination of utility incentives

(h) Filing Requirements and Procedure.

- (1) DEP shall submit to ORS and the Commission all of the following information in its application:
  - (ii) For each DSM/EE program for which cost recovery is requested:
    - n. a detailed explanation of the calculation of the PPI, the actual calculation of the proposed PPI, and the proposed method of providing for their recovery and true-up through the annual rider;

---

The Company is requesting recovery of (1) net lost revenues resulting from its Energy Efficiency programs, and (2) program performance incentives to recognize the future benefits based on achieved savings from Demand-Side Management and Energy Efficiency programs. The cost recovery mechanism is based upon the Settlement Agreement as approved by the Commission in Docket No. 2008-251-E, and has been summarized below. The specific calculations associated with these amounts are included as a part of the Company's supporting workpapers.

A. Net Lost Revenues

Net lost revenues are determined by multiplying lost sales by a net lost revenue rate.

$$\text{Net Lost Revenues} = \text{Lost Sales} \times \text{Net Lost Revenue Rate}$$

Lost Sales are those sales that do not occur by virtue of employing the Energy Efficiency measures. These values are initially based on estimates and subsequently confirmed through the evaluation, measurement and verification (EM&V) process.

Net Lost Revenue Rate is the difference between the average retail rate applicable to the customer class impacted by the measure and (1) the related customer charge component of that rate, (2) the fuel component of the rate, and (3) the incremental variable O&M rate. When multiple customer classes are impacted by the Energy Efficiency measures, a weighted or system wide net lost revenue rate is employed. The recovery of net lost revenues applicable to a given vintage year shall be recovered through the DSM/EE rider only for the first 36 months after the installation of the measurement unit. Thereafter, recovery of Net Lost Revenues shall end.

B. Incentive to Create Future Benefits

**DSM and EE Program Performance Incentives (PPI)**

For DSM programs, the PPI to be recovered for a given measurement unit and vintage year shall be equal to 8% of the net present value of the DSM program savings based upon the Utility Cost Test ("UCT") results. For EE programs, the PPI to be recovered for a given measurement unit and vintage year shall be equal to 13% of the net present value of the EE program savings based on the UCT results. The UCT is an industry standard test, which compares the costs incurred by a utility in offering a DSM/EE program to the benefits as measured by the costs avoided by the utility.

**Provision (h)(1)(ii)n - Continued**

The PPI is converted into a stream of ten (10) levelized annual payments, accounting for and incorporating DEP's overall weighted average net-of tax rate of return approved in DEP's most recent general rate case as the appropriate discount rate.

Pursuant to the Docket No. 2008-251-E based Settlement Agreement, the amount of the PPI ultimately to be recovered for a given program or measure and vintage year shall be trued-up so that the PPI is based on the actual net savings derived from all measurement units specific to the program or measure.

South Carolina jurisdictional estimated lost sales quantities for the Company's system are provided in the following table. They have been segmented into the recovery periods.

Program / Measure	Sales Loss For Purposes of Lost Revenue Calculation (mWh) – South Carolina	
	Test Period (4/1/13 through 3/31/14)	Rate Period (7/1/14 through 6/30/15)
<b>Demand-Side Management Programs<sup>1</sup></b>		
CIG DR	-	-
EnergyWise	-	-
DSDR	-	-
<b>Energy Efficiency Programs</b>		
Res Home Advantage	1,009.23	344.40
Res Home Energy Improvement	2,165.45	1,797.03
Residential Low Income-NES	1,485.42	1,052.57
Lighting (Residential)	36,926.57	34,493.68
Lighting (General Service) <sup>2</sup>	17,489.85	16,376.03
Res Appliance Recycling	1,875.45	1,926.76
Residential EE Benchmark	972.96	(128.87)
Solar Hot Water Heating Pilot <sup>3</sup>	-	-
CIG Energy Efficiency for Business	21,404.79	26,942.72
CFL Pilot <sup>4</sup>	-	-
Small Business Energy Saver	433.85	1,533.84
Residential New Construction	155.25	1,128.81
<b>Total Reduction in Energy (kWh)</b>	<b>83,918.82</b>	<b>85,466.92</b>

<sup>1</sup> For the purposes of this filing, net lost revenues are not being requested for DEP's Residential and non-Residential load control programs.

<sup>2</sup> Test period values reflect prior period reconciliation.

<sup>3</sup> DEP is not requesting lost revenue for its Solar Hot Water Heating Pilot Program.

<sup>4</sup> Net Lost Revenue recovery for CFL Pilot Program ceased after 36-months (pursuant to Procedure and Mechanism for Recovery of Costs and Incentives for Demand-Side Management and Energy Efficiency Programs approved in Docket No. 2008-251-E).

**Provision (h)(1)p(ii)n - Continued**

The following table provides calculated South Carolina jurisdictional utility incentives for the Company's test period (4/1/13 through 3/31/14). The PPI values encompass program results associated with program vintages 2009, 2010, 2011, 2012 and 2013.

Program / Measure	Utility Incentives (South Carolina Only) – Test Period (4/1/13 through 3/31/14)			
	Net Lost Revenue	DSM PPI	EE PPI	Total
<b>Demand-Side Management Programs</b>				
CIG DR	-	19,372	-	19,372
EnergyWise <sup>SM</sup>	-	372,020	-	372,020
DSDR Implementation	-	-	-	-
<b>Energy Efficiency Programs</b>				
Res Home Advantage	58,373	-	28,759	87,131
Res Home Energy Improvement	125,247	-	58,285	183,532
Residential Low Income	85,915	-	-	85,915
CIG Energy Efficiency	1,114,614	-	443,270	1,557,884
Solar Hot Water Heating Pilot	-	-	-	-
Lighting (Residential)	2,135,789	-	386,741	2,522,530
Lighting (General Service)	910,751	-	98,249	1,009,000
Residential Appliance Recycling	108,474	-	15,125	123,599
Energy Efficiency Benchmarking	56,275	-	863	57,138
CFL Pilot	-	-	10,473	10,473
Small Business Direct Install	22,592	-	-	22,592
Residential New Construction	8,979	-	-	8,979
<b>Total Utility Incentives Including Net Lost Revenue</b>	<b>4,627,008</b>	<b>391,392</b>	<b>1,041,764</b>	<b>6,060,164</b>

The following table provides calculated South Carolina jurisdictional utility incentives for the Company's rate period (7/1/14 through 6/30/15). The PPI values encompass program results associated with program vintages 2009, 2010, 2011, 2012, 2013 and estimates for 2014.

Program / Measure	Utility Incentives (South Carolina Only) – Rate Period (7/1/14 through 6/30/15)			
	Net Lost Revenue	DSM PPI	EE PPI	Total
<b>Demand-Side Management Programs</b>				
CIG DR	-	22,447	-	22,447
EnergyWise <sup>SM</sup>	-	401,752	-	401,752
DSDR Implementation	-	-	-	-
<b>Energy Efficiency Programs</b>				
Res Home Advantage	19,874	-	28,759	48,633
Res Home Energy Improvement	103,700	-	58,285	161,985
Residential Low Income	60,740	-	-	60,740
CIG Energy Efficiency	1,399,421	-	578,821	1,978,242
Solar Hot Water Heating Pilot	-	-	-	-
Lighting (Residential)	1,990,503	-	428,501	2,419,004
Lighting (General Service)	850,581	-	109,122	959,702
Residential Appliance Recycling	111,184	-	15,643	126,828
Energy Efficiency Benchmarking	(7,437)	-	2,892	(4,545)
CFL Pilot	-	-	10,473	10,473
Small Business Direct Install	79,668	-	-	79,668
Residential New Construction	65,140	-	7,562	72,701
<b>Total Utility Incentives Including Net Lost Revenue</b>	<b>4,673,374</b>	<b>424,199</b>	<b>1,240,057</b>	<b>6,337,630</b>



### **Provision (h)(1)p(ii)n – *Continued***

The Company's proposed jurisdictional allocation factors for the test period, April 1, 2013 through March 31, 2014, and the rate period, July 1, 2014 through June 30, 2015 are provided in attached Appendix B.

**Provision (h)(1)(ii)o – Actual and estimated revenue from DSM/EE rider**

(h) Filing Requirements and Procedure.

- (1) DEP shall submit to ORS and the Commission all of the following information in its application:
  - (ii) For each DSM/EE program for which cost recovery is requested:
    - o. Actual and estimated revenues produced by the DSM/EE rider during the test period and for all available months immediately preceding the rate period.

The following table provides actual and estimated DSM/ EE billings from April 1, 2014 through March 31, 2015<sup>1</sup>.

DSM/EE Rate Classification	Amount
<b>Residential Recoveries</b>	\$ 11,114,896.65
<b>General Service</b>	\$ 10,335,174.28
<b>Less: Opt-Out Credits</b>	6,303,076.73
<b>General Service Recoveries</b>	\$ 4,032,097.55
<b>Lighting</b>	\$ 0.00
<b>Less: Opt-Out Credits</b>	0.00
<b>Lighting Recoveries</b>	\$ 0.00
<b>Total DSM/EE Recoveries</b>	\$ 15,146,994.20

<sup>1</sup> Amounts for January, February and March of 2014 are based on estimated values employed in Docket 2013-76-E.

## Provision (h)(1)(ii)p – Proposed DSM/EE rider

(h) Filing Requirements and Procedure.

- (1) DEP shall submit to ORS and the Commission all of the following information in its application:
  - (ii) For each DSM/EE program for which cost recovery is requested:
    - p. The requested DSM/EE rider and the basis for the rider;

Detailed information regarding the determination of the DSM/EE rates has been provided as a part of the attached testimony of Robert P. Evans. The following table provides a summary of the Company's requested DSM/EE rates exclusive of gross receipts taxes (GRT) and South Carolina Regulatory Fees.

Rate Class	DSM /EE Rate
Residential	0.550¢/kWh
General Service	0.548¢/kWh
Lighting	0.000¢/kWh

The following table provides a summary of the Company's requested DSM/EE rates including both GRT and South Carolina Regulatory Fees.

Rate Class	DSM /EE Rate
Residential	0.552¢/kWh
General Service	0.550¢/kWh
Lighting	0.000¢/kWh

**Provision (h)(1)(ii)q – Projected SC retail sales for customers opting out of measures**

(h) Filing Requirements and Procedure.

- (1) DEP shall submit to ORS and the Commission all of the following information in its application:
- (ii) For each DSM/EE program for which cost recovery is requested:
- q. Projected South Carolina retail monthly kWh sales for the rate period for all industrial and large commercial accounts, in the aggregate, that are not assessed the rider charges.

Based on the current proportion of General Service sales associated customers who have “opted-out” of participation in DEP’s DSM/EE programs, DEP estimates that 2,487,769,988 kWh will not be subject to billing under its rider for the twelve month period ending June 30, 2015. A similar analysis estimated that there is another 3,895,184 kWh, associated with the lighting accounts of commercial and industrial customers who have elected to “opt-out”, that would not be subject to billing under its rider. The following table provides the Company’s estimate of South Carolina retail monthly kWh sales in the aggregate, that will not be assessed DSM/EE rider charges.

Estimated “Opt-Out” Sales from Industrial, Large Commercial &amp; Lighting Customers

Month	Estimated kWh
Jul-14	273,610,238
Aug-14	234,898,285
Sep-14	213,096,908
Oct-14	221,221,455
Nov-14	205,352,665
Dec-14	163,328,938
Jan-15	231,248,484
Feb-15	177,236,643
Mar-15	137,772,130
Apr-15	253,027,984
May-15	204,948,390
Jun-15	172,027,868
<b>Total</b>	<b>2,487,769,988</b>

## **Provision (h)(2) – Supporting workpapers**

(h) Filing Requirements and Procedure.

(2) DEP will file the information described in this procedure, accompanied by workpapers and direct testimony and exhibits of expert witnesses.

---

Workpapers and supporting documents have been attached to this document along with the testimony and exhibits of Robert P. Evans providing details associated with the development of the Company's proposed DSM/EE rates.

**Appendix A: Non-Participating Customers**

<b>Non-Participant</b>	<b>Non-Participating Accounts</b>
A V M INDUSTRIES	2
ABB POWER DISTRIBUTION INC	1
ADP TAX CREDIT SRVC INC	1
AHLSTROM NONWOVENS LLC	2
ALADDIN MANUFACTURING CORP	4
AMERICAN LIGHT BULB MFG INC	4
ANVIL KNITWEAR INC	2
APEX TOOL GROUP LLC	1
ASSURANT SPECIALTY PROPERTY	2
AU'SOME LLC	1
BARRINGTON MYRTLE BEACH LLC	2
BECTON DICKINSON & CO	1
BI-LO LLC	10
BLUE CROSS/BLUE SHIELD OF SC	4
BVP HOLDING LLC	2
CALHOUN FARMS	3
CAROLINA CANNERS INC	7
CAROLINA FURNITURE	3
CAROLINA TOBACCO SERVICES INC	1
CAROLINAS HOSPITAL SYSTEM	8
CHARLES CRAFT INC	2
CHARLES INGRAM LUMBER CO INC	17
CHAR-WALT INC	1
CHERAW TOWN OF	1
CHESTERFIELD COUNTY SCHOOLS	9
CHESTERFIELD GENERAL HOSPITAL	12
CITI TRENDS INC	1
CITY OF FLORENCE	1
COKER COLLEGE	23
COLONY SQUARE INVESTMENT CO	1
COMMANDR HEALTH CARE FACLT INC	3

DEP Exhibit No. 1  
Filing Requirements

<b>Non-Participant</b>	<b>Non-Participating Accounts</b>
CONBRACO INDUSTRIES INC	3
COVIDIEN LP	1
CROWN CORK & SEAL USA INC	4
DARLINGTON CO SCHOOL DIST	2
DARLINGTON SHREDDING INC	3
DAVID C POOLE COMPANY INC	3
DEROYAL TEXTILES INC	2
DILLON YARN CORPORATION	1
DIXIE PIPELINE COMPANY	3
DOMTAR PAPER CO LLC	1
DSM NUTRITIONAL PRODUCTS LLC	16
EATON CORPORATION	1
ENERSYS DELAWARE INC	5
EZ PRODUCTS LLC	1
FIRESTONE BUILDING PRODUCTS	6
FLO DARL TECHNICAL COLLEGE	13
FLOCO FOODS INC	12
FLORENCE COUNTY	2
FLORENCE POLE, INC	3
FLORENCE SCHOOL DIST #1	7
FOOD LION LLC	17
FRANCO MFG CO INC	3
FRASIER TIRE SERVICE INC	2
FREEMAN MILLWORK CO	2
G E MEDICAL SYSTEM	1
G E MEDICAL SYSTEMS INC	3
GALEY & LORD LLC	4
GEORGIA PACIFIC LLC	5
GRAND STRAND WATER AND SEWER	1
H B D INDUSTRIES INC	1
HAIER AMERICA REFRIGERATORS CO	4
HARRIS TEETER INC	1
HARTSVILLE HMA LLC	9

DEP Exhibit No. 1  
Filing Requirements

<b>Non-Participant</b>	<b>Non-Participating Accounts</b>
HARTSVILLE OIL MILL	7
HARVIN PACKING COMPANY INC	1
HENGST OF NORTH AMERICA INC	1
HIGHLAND INDUSTRIES INC	4
HOME DEPOT USA INC	1
HONORAGE NURSING HOME	2
INDUSTRIAL FABRICATORS	1
INTERNATIONAL PAPER CO	1
INVISTA S A R L	9
IRIX PHARMACEUTICALS	3
ITW ANGLEBOARD	1
JOHNSON CONTROLS BATTERY GROUP	2
JOHNSONVILLE CITY OF	1
JONATHAN K SMITH	2
KAYDON CORPORATION	4
KOPPERS CO INC	3
KOPPERS INDUSTRIES INC	1
LAKE CITY CITY OF	1
LAKE CITY COMMUNITY HOSPITAL	15
LEE COUNTY SCHOOL DISTRICT	4
LOCKAMY SCRAP METAL INC	4
LOWES COMPANIES INC	4
MANCOR-SC INC	2
MANNING CITY OF	1
MARION COUNTY MEDICAL CENTER	2
MARLEY ELECTRIC HEAT CO	2
MARSH LUMBER COMPANY	1
MCCALL FARMS INC	10
MCLEOD REG MED CTR OF PEE DEE	37
MEDFORD PLACE	1
METHODIST MANOR	2
MORRELL NURSING CENTER LLC	1
NATIONAL HEALTHCARE CORPORATIO	1



DEP Exhibit No. 1  
Filing Requirements

<b>Non-Participant</b>	<b>Non-Participating Accounts</b>
NEIGHBORHOOD GROCER LLC	1
NORTHEASTERN TECHNICAL COLLEGE	4
NSLC DARLINGTON INC	8
NUCOR CORPORATION	4
OTIS ELEVATORY COMPANY	4
PACIFIC MDF PRODUCTS INC	1
PALMETTO BRICK CO	7
PEACE TEXTILE AMERICA INC	2
PERDUE FARMS INC	4
PIGGLY WIGGLY BISHOPVILLE INC	1
PIGGLY WIGGLY EAST INC	1
PIGGLY WIGGLY LAKE CITY INC	1
PIGGLY WIGGLY NO 93 INC	1
PIGGLY WIGGLY OF SUMTER INC	1
PILGRIMS PRIDE CORPORATION	7
POLYQUEST INC	3
POSTON PACKING CO	2
PROTECTIVE PACKAGING INC	1
Q & F FOODS INC	1
REAMER EVANS	4
REXAM BEVERAGE CAN COMPANY	3
RIVERSIDE ELEC MOTORS	1
ROCHE CAROLINA	1
S & W MANUFACTURING CO	3
SANTEE PRINT WORKS INC	4
SC DEPT OF CORRECTIONS	22
SC GOVERNORS SCHOOL	2
SCHAEFFLER GROUP USA INC	8
SCHOOL DIST OF GEORGETOWN CO	5
SMURFIT-STONE CONTAINER	4
SONOCO PRODUCTS CO	9
SOPAKCO PACKAGING INC	1
SOUTH ATLANTIC CANNERS INC	4

DEP Exhibit No. 1  
Filing Requirements

<b>Non-Participant</b>	<b>Non-Participating Accounts</b>
SOUTHERN GRAPHICS SYSTEMS INC	1
STANLEY TOOLS DIV OF	2
STATE OF S C GOVENOR'S SCHOOL	1
STEELFAB OF SC	1
SUMTER COUNTY	4
SUMTER FOODS INC	1
SUMTER PACKAGING CORP	3
T B FOODS INC	1
TALLEY METALS TECHNOLOGY INC	12
TARGET PARKING LOT LIGHTS	1
TARGET STORES	2
THE BROTHERS OF NORTH CAROLINA	1
TREBOL USA LLC	3
TUOMEY HEALTHCARE SYSTEM	5
TUPPERWARE CO INT	1
UNIFIRST CORPORTATION	1
UNIMIN CORPORATION	1
UNITED METHODIST MANOR PEE DEE	5
US AIR FORCE	9
VESUVIUS USA CORPORATION	2
VULCRAFT CORP	3
VULCRAFT CORP #2, 480VAC, 2500	1
VULCRAFT DECK PLANT	1
VULCRAFT DIV NUCOR CORP	3
W LEE FLOWERS CO INC	2
WALLACES OLD FASH SKINS	1
WALMART STORES INC	9
WEYLICHEM US INC	2
WILLIAMSBURG REGIONAL HOSPITAL	2
ZIMACS INCORPORATED	4

## Appendix B: Allocation Factors

Allocation Factors Applicable to Test Period:

Program / Measure - (April 2013)	South Carolina
<b>Demand-Side Management (DSM)</b>	
CIG DR	13.37%
EnergyWise <sup>SM</sup>	13.37%
DSDR Implementation	13.37%
<b>Energy Efficiency Programs (EE)</b>	
Residential Home Advantage	14.08%
Residential Home Energy Improvement	14.08%
Residential Low Income-NES	14.08%
Lighting - Residential	14.08%
Lighting – General Service	14.08%
Res Appliance Recycling	14.08%
Residential EE Benchmarking	14.08%
Residential New Construction	14.08%
Solar Hot Water Heating Pilot	14.08%
CIG Energy Efficiency	14.08%
Small Business Direct Install	14.08%
CFL Pilot	14.08%

**Appendix B – Continued**

Program / Measure - (May 2013 through March 2014)	South Carolina
<b>Demand-Side Management (DSM)</b>	
CIG DR	13.53%
EnergyWise <sup>SM</sup>	13.53%
DSDR Implementation	13.53%
<b>Energy Efficiency Programs (EE)</b>	
Residential Home Advantage	13.94%
Residential Home Energy Improvement	13.94%
Residential Low Income-NES	13.94%
Lighting	13.94%
Res Appliance Recycling	13.94%
Residential EE Benchmarking	13.94%
Residential New Construction	13.94%
Solar Hot Water Heating Pilot	13.94%
CIG Energy Efficiency	13.94%
Small Business Direct Install	13.94%
CFL Pilot	13.94%

**Appendix B – Continued**

Allocation Factors Applicable to the Rate Period:

Program / Measure - (July 2014 through June 2015)	South Carolina
<b>Demand-Side Management (DSM)</b>	
CIG DR	14.32%
EnergyWise <sup>SM</sup>	14.32%
DSDR Implementation	14.32%
<b>Energy Efficiency Programs (EE)</b>	
Residential Home Advantage	14.43%
Residential Home Energy Improvement	14.43%
Residential Low Income-NES	14.43%
Lighting	14.43%
Res Appliance Recycling	14.43%
Residential EE Benchmarking	14.43%
Residential New Construction	14.43%
Solar Hot Water Heating Pilot	14.43%
CIG Energy Efficiency	14.43%
Small Business Direct Install	14.43%
CFL Pilot	14.43%

## Appendix C: Savings By Measure

	Year to Date December 31, 2013		
	No. of Premises	kWh Savings	kW Savings
<b>EnergyWise™</b>			
AC Direct Load Control	14,110	NA	34,773
HP Strip Heater Direct Load Control	570	NA	1,082
Water Heater Direct Load Control	896	NA	286
EnergyWise™ Total	15,576	NA	36,141
<b>CIG Demand Response</b>	-	NA	1,366
↳ Amounts reflect contracted values.			
<b>Residential New Construction</b>	503	1,200,695	438
<b>Residential Home Energy Improvement</b>			
ASHP HVAC Replacement	4,542	1,541,488	1,646
Furnace/AC HVAC Replacement	1,795	453,646	692
Geothermal HVAC Replacement	79	149,506	60
Duct Testing/Repair	2,681	595,338	430
HVAC Level I Tune Up	-	-	-
Insulation/Air Sealing	832	355,801	165
Window Replacement	35	15,204	14
Room Air Conditioner	259	31,263	25
Heat Pump Water Heater	100	236,570	42
HVAC Level 2 Tune Up	3,614	546,624	470
Residential HEIP Total	13,937	3,925,440	3,544
↳ Amounts reflect net M&V based values.			
<b>Residential Low Income - NES</b>	4,437	1,776,888	234
↳ Amounts reflect net M&V based values.			
<b>Residential Lighting Program</b>	5,115,565	163,285,334	25,584
* Values expressed as installed bulbs			
<b>Residential Appliance Recycling</b>	8,697	4,618,885	526
<b>Residential Energy Efficiency Benchmarking</b>	43,996	9,757,218	1,752
<b>CIG Energy Efficiency</b>			
Prescriptive Lighting	871	43,381,145	12,164
Prescriptive HVAC	108	806,151	449
Prescriptive Motor	1	4,402	1
Prescriptive Refrigeration	125	1,203,044	53
Custom Measure	366	19,859,120	4,176
Technical Assistance	19	-	-
CIG Energy Efficiency Total	1,490	65,253,863	16,843
↳ Amounts reflect net M&V based values.			
<b>Small Business Energy Saver</b>			
CFL Screw In	228	389,221	80
High Performance T5/T8	645	2,149,182	2,351
LED Exit Sign	159	73,857	20
LED Hardwire	129	86,526	242
LED Screw IN	184	244,188	157
Metal Hallide	1	3,881	1
T5/T8 Fixture	165	1,472,666	384
Small Business Energy Saver Total	1,511	4,419,521	3,236
<b>Residential Home Advantage (inactive)</b>	78	86,972	28
↳ Amounts reflect net M&V based values.			
<b>Residential Solar Water Heating Pilot (inactive)</b>	-	-	-
<b>Residential CFL Pilot Program (inactive)</b>	-	-	-
↳ Amounts reflect final net, post M&V, values.			
<b>Summary Totals</b>	5,205,790	254,324,816	89,691

## Appendix D: Total Resource Cost Test Results

Duke Energy Progress, Inc  
Total Resource Cost (TRC) Test Results  
Vintage Year 2013

<b>Program</b>	<b>TRC Ratio</b>
Home Advantage	0.961
Home Energy Improvement	0.799
Lighting (Residential)	2.398
Lighting (Non-Residential)	4.654
Residential Appliance Recycling	1.358
Residential Benchmarking Program	1.239
EnergyWise	24.203
Neighborhood Energy Saver	0.308
CIG Energy Efficiency for Business	5.552
CIG Demand Response Program	34.584
Residential New Construction	0.604
Small Business Direct Install	0.607

DUKE ENERGY PROGRESS, INC

**Demand Side Management and  
Energy Efficiency Programs**

---

**Workpapers**

Docket No: 2014-89-E



# Workpapers

## Section A – Cost Summary & Rate Development (Exhibits)

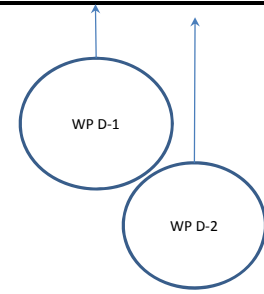
Note: Totals may not foot due to extra decimals and rounding.

# South Carolina Retail - DSM/EE Revenue Requirements Summary

## A. Test Period

SOUTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY																
	O&M	Insurance	A&G Expense	Capitalized O&M and A&G	Current Period Amortization	Prior Period Amortization	DSDR Capital Costs	Income Taxes on DSDR Capital Costs	DSDR Property Taxes	DSDR Depreciation	Carrying Costs Net of Taxes	Income Taxes on Carrying Cost	Rev Reqmt Before PPI & NLR	Net Lost Revenue	PPI	Total Revenue Requirement
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
				ΣCols(1)thru(3)									ΣCols(5)thru(12)			ΣCols(13)thru(15)
<b>SC DSM Program Expenses</b>																
1	CIG DR			\$ 195,405	\$ 19,540	\$ 58,415							\$ 77,955	\$ -	\$ 19,372	\$ 97,327
2	EnergyWise			1,381,886	138,189	516,189							654,378	-	372,020	1,026,398
3	Total DSM			\$ 1,577,291	\$ 157,729	\$ 574,604							\$ 732,333	\$ -	\$ 391,392	\$ 1,123,724
4	DSM A&G and Carrying Costs			98,831	9,883	57,199					\$ 322,214	\$ 126,037	515,333	-	-	515,333
5	Total DSM and Assigned Cost			\$ 1,577,291	\$ 167,612	\$ 631,803					\$ 322,214	\$ 126,037	\$ 1,247,666	\$ -	\$ 391,392	\$ 1,639,058
<b>SC EE Program Expenses</b>																
6	Res Home Advantage			\$ 1,051	\$ 105	\$ 71,503							\$ 71,608	\$ 58,373	\$ 28,759	\$ 158,739
7	Res Home Energy Improvem't			739,367	73,937	356,184							430,121	125,247	58,285	613,653
8	Residential Low Income			300,616	30,062	99,721							129,783	85,915	-	215,698
9	CIG Energy Efficiency			1,212,667	121,267	426,126							547,393	1,114,614	443,270	2,105,277
10	Solar Hot Water Pilot			-	-	6,779							6,779	-	-	6,779
11	Lighting <sup>1</sup> - Residential			1,033,094	206,619	550,551							757,170	2,135,789	386,741	3,279,700
12	Lighting <sup>1</sup> - General Service			125,473	25,095	66,866							91,961	910,751	98,249	1,100,961
13	Res Appliance Recycling			239,043	23,904	57,354							81,258	108,474	15,125	204,857
14	Res EE Benchmarking <sup>1</sup>			60,536	6,054	-							6,054	56,275	863	63,192
15	Home Depot CFL			-	-	2,140							2,140	-	10,473	12,613
16	Small Business Direct Install			716,197	71,620	4,016							75,636	22,592	-	98,228
17	Residential New Construction			390,646	39,065	6,623							45,688	8,979	-	54,667
18	Total EE			\$ 4,818,689	\$ 597,728	\$ 1,647,863							\$ 2,245,591	\$ 4,627,008	\$ 1,041,764	\$ 7,914,364
19	EE A&G and Carrying Costs			317,817	31,782	115,289					\$ 731,505	\$ 286,136	1,164,713	-	-	1,164,713
20	Total EE and Assigned Cost			\$ 4,818,689	\$ 629,510	\$ 1,763,152					\$ 731,505	\$ 286,136	\$ 3,410,304	\$ 4,627,008	\$ 1,041,764	\$ 9,079,076
<b>SC DSDR Program Expenses</b>																
21	DSDR Program			\$ 862,954	\$ 100,059	\$ 373,271	\$ 1,589,491	\$ 778,775	\$ 356,097	\$ 1,554,955			\$ 4,752,647	\$ -	\$ -	\$ 4,752,647
22	DSDR A&G and Carrying Costs			-	-	42,206					209,818	82,073	334,096	-	-	334,096
23	Total DSDR and Assigned Cost			\$ 862,954	\$ 100,059	\$ 415,477	\$ 1,589,491	\$ 778,775	\$ 356,097	\$ 1,554,955	\$ 209,818	\$ 82,073	\$ 5,086,744	\$ -	\$ -	\$ 5,086,744
24	Test Period Totals			\$ 7,258,934	\$ 897,181	\$ 2,810,432	\$ 1,589,491	\$ 778,775	\$ 356,097	\$ 1,554,955	\$ 1,263,537	\$ 494,246	\$ 9,744,714	\$ 4,627,008	\$ 1,433,156	\$ 15,804,878

<sup>1</sup> Current Residential EE Benchmarking Program costs are recovered during the current period. Lighting costs are recovered over a 5 year period. All other EE program costs are recovered over a 10 year period.

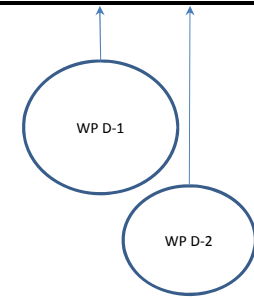


# South Carolina Retail - DSM/EE Revenue Requirements Summary

## B. Rate Period

SOUTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY															
O&M	Insurance	A&G Expense	Capitalized O&M and A&G	Current Period Amortization	Prior Period Amortization	DSDR Capital Costs	Income Taxes on DSDR Capital Costs	DSDR Property Taxes	DSDR Depreciation	Carrying Costs Net of Taxes	Income Taxes on Carrying Cost	Rev Reqmt Before PPI & NLR	Net Lost Revenue	PPI	Total Revenue Requirement
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
			ΣCols(1)thru(3)									ΣCols(13)thru(15)			
<b>SC DSM Program Expenses</b>															
1	CIG DR														
2	EnergyWise														
3	Total DSM														
4	DSM A&G and Carrying Costs														
5	Total DSM and Assigned Cost														
<b>SC EE Program Expenses</b>															
6	Res Home Advantage														
7	Res Home Energy Improvem't														
8	Residential Low Income														
9	CIG Energy Efficiency														
10	Solar Hot Water Pilot														
11	Lighting <sup>1</sup> - Residential														
12	Lighting <sup>1</sup> - General Service														
13	Res Appliance Recycling														
14	Res EE Benchmarking <sup>1</sup>														
15	Home Depot CFL														
16	Small Business Direct Install														
17	Residential New Construction														
18	Total EE														
19	EE A&G and Carrying Costs														
20	Total EE and Assigned Cost														
<b>SC DSDR Program Expenses</b>															
21	DSDR Program														
22	DSDR A&G and Carrying Costs														
23	Total DSDR and Assigned Cost														
24	Rate Period Totals														

<sup>1</sup> Current Residential EE Benchmarking Program costs are recovered during the current period. Lighting Program costs are recovered over a 5 year period. All other EE program costs are recovered over a 10 year period.



# DUKE ENERGY PROGRESS

## Determination of Net Revenue Requirement for Test Period

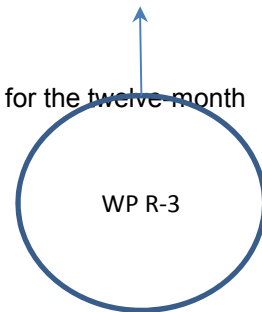
		Residential	General Service	Lighting	Total
<b>1 Prior Period Recovery Balance at March 31, 2013</b>					
2 Energy Efficiency Programs	<i>Doc No. 2013-76-E Exh 2</i>	\$ 1,136,784.96	\$ 496,694.99	\$ -	\$ 1,633,479.95
3 Demand Side Management Programs	<i>Doc No. 2013-76-E Exh 2</i>	482,992.10	2,994.88	-	485,986.98
4 DSDR Program Expenses	<i>Doc No. 2013-76-E Exh 2</i>	(90,754.10)	203,183.21	-	112,429.11
5 Balance - Prior (Over) or Under Collection	<i>Lines 2 + 3 + 4</i>	\$ 1,529,022.96	\$ 702,873.08	\$ -	\$ 2,231,896.04
6					
<b>7 Current Period Cost of Service (4-13 to 3-14)</b>					
8 Energy Efficiency Programs	<i>Exhibit 1 (Page 1 of 2)</i>	\$ 1,530,600.80	\$ 714,990.26	\$ -	\$ 2,245,591.06
9 E E A&G and Carrying Cost Allocation	<i>Exhibit 1 (Page 1 of 2)</i>	793,871.24	370,841.43	-	1,164,712.67
10 E E PPI and Net Lost Revenues	<i>Exhibit 1 (Page 1 of 2)</i>	3,079,297.18	2,589,475.28	-	5,668,772.47
11 Total Energy Efficiency Cost of Service	<i>Lines 8 + 9 + 10</i>	\$ 5,403,769.22	\$ 3,675,306.97	\$ -	\$ 9,079,076.20
12					
13 Demand Side Management Programs	<i>Exhibit 1 (Page 1 of 2)</i>	\$ 654,377.69	\$ 77,955.18	\$ -	\$ 732,332.88
14 DSM A&G and Carrying Cost Allocation	<i>Exhibit 1 (Page 1 of 2)</i>	460,477.04	54,856.05	-	515,333.09
15 DSM PPI and Net Lost Revenues	<i>Exhibit 1 (Page 1 of 2)</i>	372,019.83	19,371.78	-	391,391.61
16 Total DSM Cost of Service	<i>Lines 13 + 14 + 15</i>	1,486,874.57	152,183.01	-	1,639,057.58
17					
18 DSDR Program	<i>Exhibit 1 (Page 1 of 2)</i>	\$ 3,046,176.59	\$ 1,706,470.83	\$ -	\$ 4,752,647.43
19 DSDR A&G and Carrying Cost Allocation	<i>Exhibit 1 (Page 1 of 2)</i>	214,136.78	119,959.61	-	334,096.39
20 DSDR Net Lost Revenues	<i>Exhibit 1 (Page 1 of 2)</i>	-	-	-	-
21 Total DSDR Cost of Service	<i>Lines 18 + 19 + 20</i>	\$ 3,260,313.37	\$ 1,826,430.45	\$ -	\$ 5,086,743.82
22					
23 Cost of Service for 12 ME 3-31-14	<i>Line 11 + Line 16 + Line 21</i>	\$ 10,150,957.16	\$ 5,653,920.43	\$ -	\$ 15,804,877.59
24					
<b>25 Cost of Service &amp; Prior Bal at March 31, 2014</b>					
26 Energy Efficiency Programs	<i>Line 2 + Line 11</i>	\$ 6,540,554.18	\$ 4,172,001.96	\$ -	\$ 10,712,556.15
27 Demand Side Management Programs	<i>Line 3 + Line 16</i>	1,969,866.67	155,177.89	-	2,125,044.56
28 DSDR Program	<i>Line 4 + Line 21</i>	3,169,559.27	2,029,613.66	-	5,199,172.93
29 Total Net COS Before Revenue Offsets	<i>Lines 26 + 27 + 28</i>	\$ 11,679,980.12	\$ 6,356,793.51	\$ -	\$ 18,036,773.63
30					
<b>31 Actual &amp; Estimated Revenue (4-13 to 3-14)</b>					
32 EE Revenue	<i>Per Books see W/P R-2</i>	\$ 6,142,170.89	\$ 2,283,716.55	\$ -	\$ 8,425,887.44
33 DSM Revenue	<i>Per Books see W/P R-2</i>	1,773,306.51	128,679.66	-	1,901,986.18
34 DSDR Revenue	<i>Per Books see W/P R-2</i>	3,199,419.25	1,619,701.34	-	4,819,120.59
35 Est Total Test Period Revenue (4-13 to 3-14)	<i>Lines 32 + 33 + 34</i>	\$ 11,114,896.65	\$ 4,032,097.55	\$ -	\$ 15,146,994.21
36					
<b>37 Adjustments</b>					
38 Energy Efficiency	<i>See WP E</i>	27,830.02	369,155.33	-	396,985.35
39 Demand Side Management	<i>See WP E</i>	12,492.63	12,380.78	-	24,873.41
40 DSDR	<i>See WP E</i>	6,941.36	169,592.83	-	176,534.18
41 Total Adjustments	<i>Lines + 38 + 39 + 40</i>	\$ 47,264.01	\$ 551,128.93	\$ -	\$ 598,392.94
42					
<b>43 Revenue Requirement at March 31, 2014</b>					
44 EE Portion of Revenue Requirement	<i>Lines 26 - 32 + 38</i>	\$ 426,213.32	\$ 2,257,440.73	\$ -	\$ 2,683,654.05
45 DSM Portion of Revenue Requirement	<i>Lines 27 - 33 + 39</i>	209,052.79	38,879.00	-	247,931.79
46 DSDR Portion of Revenue Requirement	<i>Lines 28 - 34 + 40</i>	(22,918.63)	579,505.15	-	556,586.52
47 Total Net Test Period Revenue Requirement	<i>Lines + 44 + 45 + 46</i>	\$ 612,347.48	\$ 2,875,824.88	\$ -	\$ 3,488,172.36
48 Forecasted Rate Period Revenue Requirement	<i>Exhibit 1 (Page 2 of 2)</i>				17,571,705.34
49 Referenced Rate Period Recovery Level	<i>Lines 47 + 48</i>				\$ 21,059,877.70

DUKE ENERGY PROGRESS  
Annual DSM/EE Opt-Out Sales Estimate for SC Customers  
Annual Sales for the Year Ended June, 2015

Rate Class	Opt-Out KWHs <sup>(1)</sup>
Residential	0
General Service	2,487,769,988
Lighting	3,895,184
Total Estimated Opt-Out Sales	2,491,665,172

**NOTES:**

(1) Opt-Out kWh values are based actual and estimated Opt-Out activity for the twelve month period ending December 31, 2013.



## DUKE ENERGY PROGRESS

### Energy Allocation Factors - Applicable to EE Program Costs

#### South Carolina Rate Class Energy Allocation Factors

Rate Class	Total SC Rate Class Sales (MWhrs) <sup>(1)</sup>	Opt-Out Sales <sup>(2)</sup>	Adjusted SC Rate Class MWhr Sales	Rate Class Energy Allocation Factor
	(1)	(2)	(3) = (1) - (2)	(4) = (3) / SC Total in Column 3
Residential	2,137,377	0	2,137,377	54.12%
General Service	4,217,520	2,487,770	1,729,750	43.80%
Lighting	86,072	3,895	82,177	2.08%
SC Retail	6,440,969	2,491,665	3,949,304	100.00%

**NOTES:**

(1) Total SC Rate Class Sales (MWhrs) are for the forecasted year ended June 2015.

(2) Opt-Out sales are provided in Evans Exhibit No. 3

DUKE ENERGY PROGRESS

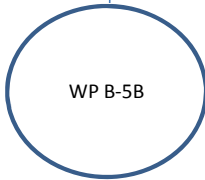
Demand Allocation Factors - Applicable to DSM Programs

South Carolina Rate Class Demand Allocation Factors

Rate Class	Total SC Rate Class Sales <sup>(1)</sup> (1)	Sales Subject to Opt-Out <sup>(2)</sup> (2)	Rate Class Demand <sup>(3)</sup> (3)	Revised Rate Class Demand (4) = ((1 - 2) / 1) * 3 (4)	Rate Class Allocation Factor (5) = (4)/Total of Column 4 (5)
Residential	2,137,377	0	510,568	510,568	64.09431%
General Service	4,217,520	2,487,770	697,383	286,021	35.90569%
Lighting	86,072	3,895	0	0	0.00000%
SC Retail	6,440,969	2,491,665	1,207,951	796,589	100.00000%

**NOTES:**

- (1) Total SC Rate Class Sales (MWHrs) are for the forecasted year ended June 2015.
- (2) Opt-Out sales are provided in Evans Exhibit No. 3
- (3) The CP demands are based on the 2013 Coincident Peak occurring on Aug 12, 2013 during the hour ended at 1600 EDT.



**DUKE ENERGY PROGRESS**  
**Energy Efficiency Rate Derivation**

SC Rate Class	Adjusted SC Rate Class kWhr Sales <sup>(1)</sup>	Rate Class Energy Allocation Factor <sup>(2)</sup>	EE Revenue Requirements							Total EE Rate
			Residential Programs <sup>(3)</sup>	CIG Programs <sup>(4)</sup>	Common Programs (5)	Allocated A&G Costs <sup>(5)</sup>	Allocated Carrying Costs <sup>(5)</sup>	Net Test Period Revenue Requirement <sup>(6)</sup>	Total of Allocated Costs (9) = Σ (3 thru 8)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) = (9) / (1)
Residential	2,137,377,003	54.12%	\$4,855,260	\$0	\$0	\$129,053	\$798,039	\$426,213	\$6,208,565	\$0.002905
General Service	1,729,749,914	43.80%	\$0	\$4,002,211	\$0	\$64,848	\$401,006	\$2,257,441	\$6,725,505	\$0.003888
Lighting	82,176,651	2.08%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.000000
SC Retail	3,949,303,567	100%	\$4,855,260	\$4,002,211	\$0	\$193,901	\$1,199,044	\$2,683,654	\$12,934,070	\$0.003275

**NOTES:**

(1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Evans Exhibit No. 4, column (3).

(2) Rate Class Energy Allocation Factor is derived in Evans Exhibit No. 4, column (4).

(3) CFL Pilot, Solar Water Heating Pilot, EE Benchmarking, HEIP, Appliance Recycling, Home Advantage, New Construction and Low Income Program costs are allocated solely to Residential Class.

Lighting Program costs were allocated to to both Residential and General Service Classes.

(4) CIG Energy Efficiency and Small Business Direct Install Program costs are allocated solely to General Service Class. Lighting Program costs were allocated to to both Residential and General Service Classes.

(5) A&G and Carrying Costs are allocated on the basis of revenue requirements (excluding incentives).

(6) Net Test Period Revenue Requirements are derived on Evans Exhibit No. 2



## DUKE ENERGY PROGRESS

### Demand Side Management Rate Derivation

SC Rate Class	Adjusted SC Rate Class kWhr Sales <sup>(1)</sup>	Rate Class Demand Allocation Factor <sup>(2)</sup>	DSM Revenue Requirement							Total of Allocated Costs  (9) = Σ (3 thru 8)	Total DSM Rate  (10) = (9) / (1)
			Residential Programs <sup>(3)</sup>	CIG Programs <sup>(4)</sup>	DSDR <sup>(5)</sup>	Non-DSDR Assigned A&G and Carrying Costs <sup>(6)</sup>	DSDR Assigned A&G and Carrying Costs <sup>(5)</sup>	Net Test Period Revenue Requirement <sup>(7)</sup>			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)			
Residential	2,137,377,003	64.09%	\$1,197,941	\$0	\$3,202,466	\$528,520	\$257,286	\$186,134	\$5,372,348	\$0.002514	
General Service	1,729,749,914	35.91%	\$0	\$127,310	\$1,794,024	\$69,610	\$144,132	\$618,384	\$2,753,460	\$0.001592	
Lighting	82,176,651	0.00%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0.000000	
SC Retail	3,949,303,567	100.00%	\$1,197,941	\$127,310	\$4,996,491	\$598,130	\$401,418	\$804,518	\$8,125,807	\$0.002058	

**NOTES:**

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Evans Exhibit No. 4, column (3).
- (2) Rate Class Demand Allocation Factor is derived in Evans Exhibit No. 5, column (5).
- (3) EnergyWise costs are directly assigned solely to Residential Rate Class.
- (4) CIG DR Program costs are directly assigned solely to General Service Class.
- (5) DSDR Costs and assigned A&G and carrying costs are allocated using Rate Class Demand Allocation Factor from column (2).
- (6) Non-DSDR A&G and Carrying Costs are allocated on the basis of revenue requirements (before adjustment for incentives) assigned in columns (3) and (4).
- (7) Net DSM Revenue Requirements are derived on Evans Exhibit No. 2

**DUKE ENERGY PROGRESS**  
EE/DSM Billing Rate - July 2014 through June 2015  
Revenue Adjustment Factors

**Residential Adjustment Factor**

1	Billed kWh (12ME 12/31/13)	<i>Per Books</i>	2,118,945,202
2	Billed RECD kWh (12ME 12/31/13)	<i>Per Books</i>	327,056,246 (a)
3	RECD kWh Percent of Total Billed	<i>Line 2 / Line 1</i>	15.4349%
4	RECD Discount Percentage	<i>RECD Discount</i>	<u>5.0000%</u> (b)
5	RECD Impact (Weighted Discount)	<i>Line 3 x Line 4</i>	0.7717% (d)
6	Uncollectable Estimate for Forecast Period	<i>W/P B-6</i>	<u>0.6696%</u> (c)
7	Residential Adjustment Factor for Rate Period	<i>Line 5 + Line 6</i>	<u><u>1.4413%</u></u> (d)

**General Service Adjustment Factor**

8	Uncollectable Estimate for Forecast Period	<i>W/P B-6</i>	<u>0.0439%</u> (c)
9	General Service Adjustment Factor for Rate Period	<i>Line 8</i>	<u><u>0.0439%</u></u> (d)

**Notes:**

- (a) Energy billed and discounted pursuant to Residential Energy Conservation Discount, Rider RECD-2B.
- (b) Five-percent discount provided under Residential Energy Conservation Discount, Rider RECD-2B.
- (c) Estimated incremental level of uncollectables associated with DSM/EE billings.
- (d) Estimated impacts of uncollectable and RECD related discounts will be trued up to actual amounts.

	# of Bills	2013 Sales
RES	246,570	312,330,460
R-TOUD	6,735	14,497,507
R-TOUE	148	228,279
	<u>253,453</u>	<u>327,056,246</u>

## DUKE ENERGY PROGRESS

### EE/DSM Billing Rate - July 2014 through June 2015

All rates are shown in dollars per kWh

#### Rates Net of South Carolina Gross Receipts Taxes (GRT) and Regulatory Fee

SC Rate Class	Total EE Rate (1)	Total DSM Rate (2)	Total DSM/EE Rate (3)	RECD & Uncollectible Adjustment (4)	DSM/EE Rate (5)
Residential	\$0.002905	\$0.002514	\$ 0.005419	\$0.000079	\$0.00550
General Service	0.003888	0.001592	0.005480	0.000002	\$0.00548
Lighting	0.000000	0.000000	0.000000	0.000000	\$0.00000

#### Rates Including SC Gross Receipts Taxes at 0.30% and Regulatory Fee at 0.15237%

SC Rate Class	DSM/EE Rate <i>(net of GRT and Regulatory Fee)</i> (6)	Gross Receipts Tax and Regulatory Fee Adjustment (7)	DSM/EE Billing Rate (8)
Residential	\$0.00550	\$0.00002	\$0.00552
General Service	0.00548	0.00002	0.00550
Lighting	0.00000	0.00000	0.00000

**NOTES:**

- (1) Total EE Rate is derived in Evans Exhibit No. 6, column (10).
- (2) Total DSM Rate is derived in Evans Exhibit No. 7, column (10).
- (3) Total DSM/EE Rate is sum of columns (1) and (2).
- (4) Adjustment factors derived in Evans Exhibit No. 8 applied to column (3)
- (5) DSM/EE Rate is derived from the sum of columns (3) and (4) and rounded to 5 decimal points..
- (6) DSM/EE Billing Rate from column (5)
- (7) Calculated Gross Receipts Tax and Regulatory Fee at the combined rate of 0.45237% on column (6)
- (8) DSM/EE Billing Rate is derived from the sum of columns (6) and (7) and rounded to 5 decimal points.

# Workpapers

## Section B – Allocation Factors, Uncollectible Rates & Interest Calculations

Note: Totals may not foot due to extra decimals and rounding.

**DUKE ENERGY PROGRESS, INC.**  
**Allocation Factor Summary**

					DSM		EE	
					NC	SC	NC	SC
<b>A. Allocation Factors</b>								
1	May-09	to	Apr-10	<i>Calendar 2008 Analysis</i> <sup>1</sup>	86.16%	13.84%	85.06%	14.94%
2	May-10	to	Apr-11	<i>Calendar 2009 Analysis</i> <sup>2</sup>	85.89%	14.11%	85.41%	14.59%
3	May-11	to	Apr-12	<i>Calendar 2010 Analysis</i> <sup>3</sup>	86.49%	13.51%	85.53%	14.47%
4	May-12	to	Apr-13	<i>Calendar 2011 Analysis</i> <sup>4</sup>	86.63%	13.37%	85.92%	14.08%
5	May-13	to	Apr-14	<i>Calendar 2012 Analysis</i> <sup>5</sup>	86.47%	13.53%	86.06%	13.94%
6	May-14	to	Apr-14	<i>Calendar 2013 Analysis</i> <sup>6</sup>	85.68%	14.32%	85.57%	14.43%
<b>B. Custom Period Factors</b>								
<i>Calendar Year 2010</i> <sup>7</sup>								
7	Jan-10	to	Dec-10	<i>Line 1 x <math>\frac{1}{3}</math> + Line 2 x <math>\frac{2}{3}</math></i>	85.98%	14.02%	85.29%	14.71%
<i>Calendar Year 2011</i> <sup>7</sup>								
8	Jan-11	to	Dec-11	<i>Line 2 x <math>\frac{1}{3}</math> + Line 3 x <math>\frac{2}{3}</math></i>	86.29%	13.71%	85.49%	14.51%
<i>Calendar Year 2012</i> <sup>7</sup>								
9	Jan-12	to	Dec-12	<i>Line 3 x <math>\frac{1}{3}</math> + Line 4 x <math>\frac{2}{3}</math></i>	86.58%	13.42%	85.79%	14.21%
<i>Calendar Year 2013</i> <sup>7</sup>								
10	Jan-13	to	Dec-13	<i>Line 4 x <math>\frac{1}{3}</math> + Line 5 x <math>\frac{2}{3}</math></i>	86.52%	13.48%	86.01%	13.99%
<i>Calendar Year 2014</i> <sup>7</sup>								
11	Jan-14	to	Dec-14	<i>Line 5 x <math>\frac{1}{3}</math> + Line 6 x <math>\frac{2}{3}</math></i>	85.94%	14.06%	85.73%	14.27%

**Notes:**<sup>1</sup> Allocation Factors values from Docket 2009-191-E<sup>2</sup> Allocation Factors values from Docket 2010-161-E<sup>3</sup> Allocation Factors values from Docket 2011-181-E<sup>4</sup> Allocation Factors values from Docket 2012-93-E<sup>5</sup> Allocation Factors values from Docket 2013-76-E<sup>6</sup> Allocation Factors values from W/P B-5A<sup>7</sup> Employed in the allocation of Utility Cost Test (UCT) results for PPI determination.

# DUKE ENERGY PROGRESS

Calculation of Interest on Over and Undercollections

## A. Residential

							<u>Change in Rev Rqmt</u>
1	Residential Undercollection	(2014-XXX-E Exh 2 Line 47 - Interest)		\$	(562,129.85)		
2							
3	Monthly 7.25% Rate (per SC Supreme Court)		Int Rate / 12		0.604%		
4							
5		Res Sales (kWh)	Percent Tot	Balance	Avg Balance	Interest	
6	10/1/2013 (Test Period Midpoint)			\$ (562,129.85)	\$ (562,129.85)	\$ (3,396.20)	
7	Nov-13			(562,129.85)	(562,129.85)	(3,396.20)	
8	Dec-13			(562,129.85)	(562,129.85)	(3,396.20)	
9	Jan-14			(562,129.85)	(562,129.85)	(3,396.20)	
10	Feb-14			(562,129.85)	(562,129.85)	(3,396.20)	
11	Mar-14			(562,129.85)	(562,129.85)	(3,396.20)	
12	Apr-14			(562,129.85)	(562,129.85)	(3,396.20)	
13	May-14			(562,129.85)	(562,129.85)	(3,396.20)	
14	Jun-14			(562,129.85)	(562,129.85)	(3,396.20)	
15	Jul-14	212,939,309	9.96%	(506,126.84)	(534,128.35)	(3,227.03)	
16	Aug-14	215,333,037	10.07%	(449,494.28)	(477,810.56)	(2,886.77)	
17	Sep-14	168,871,052	7.90%	(405,081.22)	(427,287.75)	(2,581.53)	
18	Oct-14	126,887,456	5.94%	(371,709.84)	(388,395.53)	(2,346.56)	
19	Nov-14	125,673,927	5.88%	(338,657.61)	(355,183.73)	(2,145.90)	
20	Dec-14	217,049,920	10.15%	(281,573.51)	(310,115.56)	(1,873.61)	
21	Jan-15	272,465,929	12.75%	(209,915.01)	(245,744.26)	(1,484.70)	
22	Feb-15	192,841,476	9.02%	(159,197.73)	(184,556.37)	(1,115.03)	
23	Mar-15	164,630,511	7.70%	(115,899.93)	(137,548.83)	(831.02)	
24	Apr-15	119,133,585	5.57%	(84,567.82)	(100,233.87)	(605.58)	
25	May-15	133,617,242	6.25%	(49,426.50)	(66,997.16)	(404.77)	
26	Jun-15	187,933,559	8.79%	(0.00)	(24,713.25)	(149.31)	
27	<b>Total</b>	<b>2,137,377,003</b>	<b>100.00%</b>			<b>\$ (50,217.63)</b>	

(Sum of Lines 6 thru 26)

## B. General Service

							<u>Change in Rev Rqmt</u>
1	General Service Undercollection	(2014-XXX-E Exh 2 Line 47 - Interest)		\$	(2,633,995.02)		
2							
3	Monthly 7.25% Rate (per SC Supreme Court)		Int Rate / 12		0.604%		
4							
5		Gen Svc (kWh)	Percent Tot	Balance	Avg Balance	Interest	
6	10/1/2013 (Test Period Midpoint)			\$ (2,633,995.02)	\$ (2,633,995.02)	\$ (15,913.72)	
7	Nov-13			(2,633,995.02)	(2,633,995.02)	(15,913.72)	
8	Dec-13			(2,633,995.02)	(2,633,995.02)	(15,913.72)	
9	Jan-14			(2,633,995.02)	(2,633,995.02)	(15,913.72)	
10	Feb-14			(2,633,995.02)	(2,633,995.02)	(15,913.72)	
11	Mar-14			(2,633,995.02)	(2,633,995.02)	(15,913.72)	
12	Apr-14			(2,633,995.02)	(2,633,995.02)	(15,913.72)	
13	May-14			(2,633,995.02)	(2,633,995.02)	(15,913.72)	
14	Jun-14			(2,633,995.02)	(2,633,995.02)	(15,913.72)	
15	Jul-14	151,026,804	8.73%	(2,404,017.35)	(2,519,006.19)	(15,219.00)	
16	Aug-14	123,573,554	7.14%	(2,215,844.41)	(2,309,930.88)	(13,955.83)	
17	Sep-14	169,394,164	9.79%	(1,957,897.65)	(2,086,871.03)	(12,608.18)	
18	Oct-14	124,706,163	7.21%	(1,768,000.02)	(1,862,948.84)	(11,255.32)	
19	Nov-14	132,853,224	7.68%	(1,565,696.37)	(1,666,848.19)	(10,070.54)	
20	Dec-14	158,937,727	9.19%	(1,323,672.26)	(1,444,684.31)	(8,728.30)	
21	Jan-15	98,613,341	5.70%	(1,173,507.75)	(1,248,590.00)	(7,543.56)	
22	Feb-15	123,085,549	7.12%	(986,077.92)	(1,079,792.84)	(6,523.75)	
23	Mar-15	175,819,545	10.16%	(718,346.85)	(852,212.38)	(5,148.78)	
24	Apr-15	97,886,617	5.66%	(569,288.96)	(643,817.90)	(3,889.73)	
25	May-15	162,586,036	9.40%	(321,709.35)	(445,499.16)	(2,691.56)	
26	Jun-15	211,267,189	12.21%	0.00	(160,854.68)	(971.83)	
27	<b>Total</b>	<b>1,729,749,914</b>	<b>100.00%</b>			<b>\$ (241,829.86)</b>	

(Sum of Lines 6 thru 26)

## DUKE ENERGY PROGRESS

Calculation of Interest on Over and Undercollections

### C. Interest Allocation Factors

		Pre-Interest	Under (Over)			Revenue Reqmt
		Under (Over)	Allocation	Total Interest	Allocated Interest	Impact
<b>Residential</b>						
1	EE	\$ 391,260.25	69.60%	\$ 50,217.63	\$ 34,953.07	Increase
2	DSM	191,908.71	34.14%	50,217.63	17,144.08	Increase
3	DSDR	(21,039.11)	-3.74%	50,217.63	(1,879.52)	Decrease
4	Totals	\$ 562,129.85	100.00%	NA	\$ 50,217.63	Increase

		Pre-Interest	Under (Over)			Revenue Reqmt
		Under (Over)	Allocation	Total Interest	Allocated Interest	Impact
<b>General Service</b>						
5	EE	\$ 2,067,611.17	78.50%	\$ 241,829.86	\$ 189,829.56	Increase
6	DSM	35,609.64	1.35%	241,829.86	3,269.36	Increase
7	DSDR	530,774.21	20.15%	241,829.86	48,730.94	Increase
8	Totals	\$ 2,633,995.02	100.00%	NA	\$ 241,829.86	Increase

## DUKE ENERGY PROGRESS

Calculation of Interest on Over and Undercollections

### D. Residential Interest Allocations

				Residential Interest Breakdown			
		Allocation	AVG Balance	EE	DSM	DSDR	Total
1	10/1/2013 (Test Period Midpoint)	Undercollection	(562,129.85)	(2,363.86)	(1,159.45)	127.11	(3,396.20)
2	Nov-13	Undercollection	(562,129.85)	(2,363.86)	(1,159.45)	127.11	(3,396.20)
3	Dec-13	Undercollection	(562,129.85)	(2,363.86)	(1,159.45)	127.11	(3,396.20)
4	Jan-14	Undercollection	(562,129.85)	(2,363.86)	(1,159.45)	127.11	(3,396.20)
5	Feb-14	Undercollection	(562,129.85)	(2,363.86)	(1,159.45)	127.11	(3,396.20)
6	Mar-14	Undercollection	(562,129.85)	(2,363.86)	(1,159.45)	127.11	(3,396.20)
7	Apr-14	Undercollection	(562,129.85)	(2,363.86)	(1,159.45)	127.11	(3,396.20)
8	May-14	Undercollection	(562,129.85)	(2,363.86)	(1,159.45)	127.11	(3,396.20)
9	Jun-14	Undercollection	(562,129.85)	(2,363.86)	(1,159.45)	127.11	(3,396.20)
10	Jul-14	Undercollection	(534,128.35)	(2,246.11)	(1,101.69)	120.78	(3,227.03)
11	Aug-14	Undercollection	(477,810.56)	(2,009.29)	(985.53)	108.04	(2,886.77)
12	Sep-14	Undercollection	(427,287.75)	(1,796.83)	(881.32)	96.62	(2,581.53)
13	Oct-14	Undercollection	(388,395.53)	(1,633.28)	(801.10)	87.83	(2,346.56)
14	Nov-14	Undercollection	(355,183.73)	(1,493.62)	(732.60)	80.32	(2,145.90)
15	Dec-14	Undercollection	(310,115.56)	(1,304.10)	(639.64)	70.12	(1,873.61)
16	Jan-15	Undercollection	(245,744.26)	(1,033.40)	(506.87)	55.57	(1,484.70)
17	Feb-15	Undercollection	(184,556.37)	(776.10)	(380.67)	41.73	(1,115.03)
18	Mar-15	Undercollection	(137,548.83)	(578.42)	(283.71)	31.10	(831.02)
19	Apr-15	Undercollection	(100,233.87)	(421.50)	(206.74)	22.67	(605.58)
20	May-15	Undercollection	(66,997.16)	(281.74)	(138.19)	15.15	(404.77)
21	Jun-15	Undercollection	(24,713.25)	(103.92)	(50.97)	5.59	(149.31)
22	Totals	(Σ Lines 1 thru 21)		(34,953.07)	(17,144.08)	1,879.52	(50,217.63)

### E. General Service Interest Allocations

				General Service Interest Breakdown			
		Allocation	AVG Balance	EE	DSM	DSDR	Total
1	10/1/2013 (Test Period Midpoint)	Undercollection	(2,633,995.02)	(12,491.82)	(215.14)	(3,206.76)	(15,913.72)
2	Nov-13	Undercollection	(2,633,995.02)	(12,491.82)	(215.14)	(3,206.76)	(15,913.72)
3	Dec-13	Undercollection	(2,633,995.02)	(12,491.82)	(215.14)	(3,206.76)	(15,913.72)
4	Jan-14	Undercollection	(2,633,995.02)	(12,491.82)	(215.14)	(3,206.76)	(15,913.72)
5	Feb-14	Undercollection	(2,633,995.02)	(12,491.82)	(215.14)	(3,206.76)	(15,913.72)
6	Mar-14	Undercollection	(2,633,995.02)	(12,491.82)	(215.14)	(3,206.76)	(15,913.72)
7	Apr-14	Undercollection	(2,633,995.02)	(12,491.82)	(215.14)	(3,206.76)	(15,913.72)
8	May-14	Undercollection	(2,633,995.02)	(12,491.82)	(215.14)	(3,206.76)	(15,913.72)
9	Jun-14	Undercollection	(2,633,995.02)	(12,491.82)	(215.14)	(3,206.76)	(15,913.72)
10	Jul-14	Undercollection	(2,519,006.19)	(11,946.48)	(205.75)	(3,066.77)	(15,219.00)
11	Aug-14	Undercollection	(2,309,930.88)	(10,954.93)	(188.67)	(2,812.23)	(13,955.83)
12	Sep-14	Undercollection	(2,086,871.03)	(9,897.06)	(170.45)	(2,540.66)	(12,608.18)
13	Oct-14	Undercollection	(1,862,948.84)	(8,835.10)	(152.16)	(2,268.05)	(11,255.32)
14	Nov-14	Undercollection	(1,666,848.19)	(7,905.09)	(136.15)	(2,029.31)	(10,070.54)
15	Dec-14	Undercollection	(1,444,684.31)	(6,851.47)	(118.00)	(1,758.83)	(8,728.30)
16	Jan-15	Undercollection	(1,248,590.00)	(5,921.48)	(101.98)	(1,520.10)	(7,543.56)
17	Feb-15	Undercollection	(1,079,792.84)	(5,120.96)	(88.20)	(1,314.60)	(6,523.75)
18	Mar-15	Undercollection	(852,212.38)	(4,041.65)	(69.61)	(1,037.53)	(5,148.78)
19	Apr-15	Undercollection	(643,817.90)	(3,053.33)	(52.59)	(783.82)	(3,889.73)
20	May-15	Undercollection	(445,499.16)	(2,112.80)	(36.39)	(542.37)	(2,691.56)
21	Jun-15	Undercollection	(160,854.68)	(762.86)	(13.14)	(195.83)	(971.83)
22	Totals	(Σ Lines 1 thru 21)		(189,829.56)	(3,269.36)	(48,730.94)	(241,829.86)

### F. Values / Adjustments for 2014 SC DSM/EE Filing - Increase / (Decrease) in Revenue Requirement

			Res	Gen Svc	Total
Recognition on Interest on 2013-14 Test Period Over & (Under) Collections					
1	EE Component	Sections D & E, Line 22	\$ 34,953.07	\$ 189,829.56	\$ 224,782.63
2	DSM Component	Sections D & E, Line 22	17,144.08	3,269.36	20,413.44
3	DSDR Component	Sections D & E, Line 22	(1,879.52)	48,730.94	46,851.42
4	Total		\$ 50,217.63	\$ 241,829.86	\$ 292,047.49



## Duke Energy Progress

### South Carolina Test Period Uncollectible

#### A. Residential 2013-14 Test Period

1	Estimated DSM Revenues	WP R-2	\$ 1,773,306.51
2	Uncollectible Percentage	Docket 2013-76-E WP B-6	<u>0.5687%</u>
3	DSM Uncollectibles	Line 1 x Line 2	\$ 10,084.79
4	Estimated DSDR Revenues	WP R-2	\$ 3,199,419.25
5	Uncollectible Percentage	Docket 2013-76-E WP B-6	<u>0.5687%</u>
6	DSDR Uncollectibles	Line 4 x Line 5	\$ 18,195.10
7	Estimated EE Revenues	WP R-2	\$ 6,142,170.89
8	Uncollectible Percentage	Docket 2013-76-E WP B-6	<u>0.5687%</u>
9	EE Uncollectibles	Line 7 x Line 8	\$ 34,930.53
10	Total Residential Uncollectible Adjustment	Lines 3 + 6 + 9	<u><u>\$ 63,210.42</u></u>

#### B. General Service 2013-14 Test Period

11	Estimated DSM Revenues	WP R-2	\$ 128,679.66
12	Uncollectible Percentage	Docket 2013-76-E WP B-6	<u>0.4930%</u>
13	DSM Uncollectibles	Line 11 x Line 12	\$ 634.39
14	Estimated DSDR Revenues	WP R-2	\$ 1,619,701.34
15	Uncollectible Percentage	Docket 2013-76-E WP B-6	<u>0.4930%</u>
16	DSDR Uncollectibles	Line 14 x Line 15	\$ 7,985.13
17	Estimated EE Revenues	WP R-2	\$ 2,283,716.55
18	Uncollectible Percentage	Docket 2013-76-E WP B-6	<u>0.4930%</u>
19	EE Uncollectibles	Line 17 x Line 18	\$ 11,258.72
20	Total Gen Svc Uncollectible Adjustment	Lines 13 + 16 + 19	<u><u>\$ 19,878.24</u></u>

**DUKE ENERGY PROGRESS, INC.**  
**Energy & Summer Production Demand Allocation Factors**  
*From Calendar 2013 Analysis*

Rate Schedule (1)	Production Energy (kWh) (2)		Production <sup>1</sup> Summer CP (KW) (3)	
NC RES	15,816,359,914		3,571,470	
NC SGS	1,860,712,700		417,882	
NC SGS (CLR)	30,138,244		3,425	
NC MGS TOU	8,517,734,969		1,415,980	
NC MGS	2,665,687,335		499,799	
NC SI	57,365,510		32,622	
NC LGS	1,239,973,754		197,858	
NC LGS-TOU	1,812,540,880		288,073	
NC LGS-RTP	5,914,052,459		801,061	
NC TSS	8,487,491		909	
NC ALS	335,514,056		-	
NC SLS	129,884,711		-	
NC SFLS	1,339,837		-	
<b>Total NC</b>	<b>38,389,791,859</b>	<b>85.57%</b>	<b>7,229,079</b>	<b>85.68%</b>
SC RES	2,186,982,956		510,568	
SC SGS	283,248,537		65,904	
SC SGS (CLR)	2,353,038		276	
SC MGS (TOU)	1,117,266,676		194,380	
SC MGS	548,826,506		107,167	
SC SI	19,342,232		4,129	
SC LGS	707,262,322		110,565	
SC LGS-TOU	198,964,549		30,470	
SC LGS-CRTL-TOU	710,814,917		94,894	
SC LGS-RTP	599,328,513		89,497	
SC TSS	897,439		100	
SC ALS	79,492,596		-	
SC SLS	18,943,635		-	
SC SFLS	171,156		-	
<b>Total SC</b>	<b>6,473,895,074</b>	<b>14.43%</b>	<b>1,207,951</b>	<b>14.32%</b>
<b>Total System</b>	<b>44,863,686,932</b>	<b>100.00%</b>	<b>8,437,029</b>	<b>100.00%</b>

<sup>1</sup> Based on Summer Coincident Peak event on August 12, 2013 during hour ending 4:00 PM.

**PROGRESS ENERGY CAROLINAS, INC.**  
**Summer Coincident Peak Production Demand Allocation Factors**  
**Calendar 2013 - South Carolina Retail**

Rate Schedule (1)	Summer CP Demand (KW) <sup>1</sup> (2)	Rate Class (3)	Summer CP Demand (KW) (4)	SC Rate Class Ratio (5)
SC RES	510,568	Residential	510,568	42.27%
SC SGS	65,904	Small General Service	66,004	5.46%
SC SGS (CLR)	276	Medium General Service	305,952	25.33%
SC MGS (TOU)	194,380	Large General Service	325,426	26.94%
SC MGS	107,167	Lighting	0	0.00%
SC SI	4,129			
SC LGS	110,565	SC Retail	1,207,951	100.00%
SC LGS-TOU	30,470			
SC LGS-CTRL- TOU	94,894			
SC LGS-RTP	89,497			
SC TSS	100			
SC ALS	0	DSM/EE Rate Classes		
SC SLS	0	Residential	510,568	42.27%
SC SFLS	0	General Service	697,383	57.73%
	0	Lighting	0	0.00%
SC Retail	1,207,951	SC Retail	1,207,951	100.00%

<sup>1</sup> Summer Coincident Peak values from W/P 5A

**Progress Energy Carolinas, Inc.**  
South Carolina Uncollectible Adjustments

<b>Residential</b>			
1	Sales 12 ME 12-13 (kWh)	<i>Per Books</i>	2,118,945,202
2	Uncollectibles (kWh)	<i>WP B-7</i>	<u>14,188,849</u>
3	Percentage	<i>Line 2 / Line 1</i>	0.6696%
4	Estimated Residential Uncollectible %	<i>Docket No. 2013-76-E, WP B-6</i>	<u>0.5687%</u>
5	Variation from Estimate	<i>Line 3 - Line 4</i>	0.1009%
6	SC Residential DSM/EE Billings	<i>WP R-2, Line 52</i>	<u>\$ 11,114,896.65</u>
7	SC Uncollectible DSM/EE Overcollection	<i>Line 5 x Line 6</i>	<u><u>\$ 11,214.93</u></u>
		<u>Revenue %s</u>	<u>Rev %s x Line 7</u>
8	Energy Efficiency ( <i>Evans Exhibit No. 2</i> )	54.24%	\$ 6,083.17
9	Demand Side Mgt ( <i>Evans Exhibit No. 2</i> )	13.92%	1,560.93
10	DSDR ( <i>Evans Exhibit No. 2</i> )	31.84%	3,570.83
11	Check Total	<u>100.00%</u>	<u><u>\$ 11,214.93</u></u>
<b>General Service (net of Opt-Outs)</b>			
1	Sales 12 ME 12-13 (kWh)	<i>Per Books</i>	1,555,397,982
2	Uncollectibles (kWh)	<i>WP B-7</i>	<u>682,186</u>
3	Percentage	<i>Line 2 / Line 1</i>	0.0439%
4	Estimated Residential Uncollectible %	<i>Docket No. 2013-76-E, WP B-6</i>	<u>0.0493%</u>
5	Variation from Estimate	<i>Line 3 - Line 4</i>	-0.0054%
6	SC Residential Gen Svc DSM/EE Billings	<i>WP R-2, Line 52</i>	<u>\$ 4,032,098</u>
7	SC DSM/EE Uncollectible Overcollection	<i>Line 5 x Line 6</i>	<u><u>\$ (217.73)</u></u>
		<u>Revenue %s</u>	<u>Rev %s x Line 7</u>
8	Energy Efficiency ( <i>Evans Exhibit No. 2</i> )	57.11%	\$ (124.35)
9	Demand Side Mgt ( <i>Evans Exhibit No. 2</i> )	3.05%	(6.64)
10	DSDR ( <i>Evans Exhibit No. 2</i> )	39.84%	(86.74)
11	Check Total	<u>100.00%</u>	<u><u>\$ (217.73)</u></u>

**Res Service**

Month	Uncollectible Revenue	Uncollectible Usage	Recovered Revenue	Recovered Usage	Total Charge - Offs (\$)	Total Charge-Offs (KWH)
August-12	\$32,116.44	318,969	\$3,845.93	38,115	\$28,270.51	280,854
September-12	\$67,389.08	672,139	\$7,406.58	73,293	\$59,982.50	598,846
October-12	\$72,427.67	709,250	\$8,809.93	84,633	\$63,617.74	624,617
November-12	\$71,734.42	744,790	\$8,942.40	92,170	\$62,792.02	652,620
December-12	\$102,275.13	1,085,132	\$10,195.02	107,736	\$92,080.11	977,396
January-13	\$153,102.40	1,643,168	\$12,544.58	134,438	\$140,557.82	1,508,730
February-13	\$154,517.19	1,656,833	\$8,785.28	92,379	\$145,731.91	1,564,454
March-13	\$184,812.99	1,993,333	\$9,532.23	100,040	\$175,280.76	1,893,293
April-13	\$159,269.69	1,685,297	\$8,120.78	84,468	\$151,148.91	1,600,829
May-13	\$88,328.00	883,799	\$3,886.81	37,562	\$84,441.19	846,237
June-13	\$84,720.65	874,209	\$3,752.56	37,843	\$80,968.09	836,366
July-13	\$112,646.62	1,085,409	\$4,017.62	38,489	\$108,629.00	1,046,920
August-13	\$118,734.91	1,141,637	\$2,939.02	28,067	\$115,795.89	1,113,570
September-13	\$68,269.07	651,869	\$817.30	7,752	\$67,451.77	644,117
			<b>\$93,596.04</b>		<b>\$1,376,748.22</b>	<b>14,188,849</b>

**General Service**

Month	Uncollectible Revenue	Uncollectible Usage	Recovered Revenue	Recovered Usage	Total Charge - Offs (\$)	Total Charge-Offs (KWH)
August-12	\$3,095.81	31,138	\$467.30	4,628	\$2,628.51	26,510
September-12	\$6,106.61	55,098	\$817.55	5,673	\$5,289.06	49,425
October-12	\$7,139.08	59,677	\$748.41	7,611	\$6,390.67	52,066
November-12	\$3,563.07	30,698	\$25.75	226	\$3,537.32	30,472
December-12	\$2,484.32	20,133	\$289.39	2,525	\$2,194.93	17,608
January-13	\$3,029.85	25,611	\$215.15	1,731	\$2,814.70	23,880
February-13	\$3,441.21	30,348	\$323.46	3,145	\$3,117.75	27,203
March-13	\$6,524.84	42,202	\$144.93	1,166	\$6,379.91	41,036
April-13	\$9,836.65	102,605	\$168.84	1,166	\$9,667.81	101,439
May-13	\$7,287.73	79,999	\$290.56	1,836	\$6,997.17	78,163
June-13	\$9,470.16	105,814	\$244.39	1,861	\$9,225.77	103,953
July-13	\$9,780.26	111,121	\$413.62	3,914	\$9,366.64	107,207
August-13	\$3,770.72	29,255	\$1,470.68	15,081	\$2,300.04	14,174
September-13	\$1,237.73	10,324	\$161.48	1,274	\$1,076.25	9,050
					<b>\$70,986.53</b>	<b>682,186</b>

# Workpapers

## Section C – Lighting True-Up and Allocations

Note: Totals may not foot due to extra decimals and rounding.

# Duke Energy Progress, Inc.

## Determination of Lighting Allocation Factors

		<u>Bulb %s</u>		<u>Allocation Factors</u>
1	Residential	82.30%	<i>Per EM&amp;V</i>	89.17% <i>Lines 1 / (1 + 2)</i>
2	General Service	10.00%	<i>Per EM&amp;V</i>	10.83% <i>Lines 2 / (1 + 2)</i>
3	Leakage	<u>7.70%</u>	<i>Per EM&amp;V</i>	<u>0.00%</u> -NA-
4	Totals	100.00%	$\Sigma$ <i>Lines 1 thru 3</i>	100.00% $\Sigma$ <i>Lines 1 thru 3</i>

# Progress Energy Carolinas, Inc.

## True-Up of Lighting Program Performance Incentives

### 2012 Vintage

			Residential	General Service
1	Present Value of Avoided Costs	WP C-3A-1 & WP C-3A-2	\$ 38,978,584	\$ 9,574,732
2	Present Value of Program Costs (Total)	W/P D-1A	6,356,720	6,356,720
3	Allocation Factors	WP C-1	89.17%	10.83%
4	Present Value of Program Costs	Lines 2 x 3	5,668,018	688,702
5	Net Program Benefits	Lines 1 - 4	\$ 33,310,567	\$ 8,886,030
6	SC Allocation Factor	Line C Below	14.21%	14.21%
7	SC Allocated Net Program Benefits	Lines 5 X 6	\$ 4,733,432	\$ 1,262,705
8	EE Program Incentive at 13%	EE Program Incentive Rate	13.0%	13.0%
9	Program Performance Incentive (PPI)	Lines 7 x 8	\$ 615,346	\$ 164,152
10	Income Tax Rate	Docket No. 2012-93-E	38.71%	38.71%
11	Income Taxes	-(Lines 9 X 10)	\$ (238,203)	\$ (63,544)
12	Net-of-Tax PPI - Total NPV	Lines 9 + 11	\$ 377,143	\$ 100,608
13	Rev Vintage Year 2011 - Year 1 PPI	$\frac{\text{Line 12} \times 0.088605 \times (1 + 0.088605)^{10}}{(1 + 0.088605)^{10} - 1}$	\$ 58,406	\$ 15,581
14	Income Tax Gross-Up Factor	1 - Line 10	61.29%	61.29%
15	Revised Vintage 2012 PPI	Line 13 / Line 14	\$ 95,295	\$ 25,421
16	Original Vintage 2012 PPI	Docket No. 2013-76-E WP D-1	97,403	25,901
17	PPI Over / (Under) Collection	Line 16 - Line 15	\$ 2,108	\$ 480
18	Years at Original PPI Level	April 2012 through March 2013	1.0	1.0
19	Cumulative PPI Over/(Under) Collection	Lines 17 X 18	\$ 2,107.66	\$ 479.72
20	Carrying Costs at 8.8605%	Line 18 X Line 19 X 8.8605%	\$ 186.75	\$ 42.51
21	PPI Over/(Under) Collection w/CCost	Lines 19 + 20	\$ 2,294.41	\$ 522.22

### Allocation Factors

A	01-2012 thru 04-2012	Docket 2011-181-E	14.47%	14.47%
B	05-2012 thru 04-2013	Docket 2012-93-E	14.08%	14.08%
C	Weighted Allocation	(Line A x 4 + Line B x 8) / 12	14.21%	14.21%



**PROGRAM: DEP Res Lighting-Res - Vintage Year-2012**

<b>BENEFITS</b>				
YEAR	(1) TOTAL FUEL & O&M SAVINGS \$(000)	(2) AVOIDED T&D CAP. COSTS \$(000)	(3) AVOIDED GEN. CAP. COSTS \$(000)	(4) <b>TOTAL BENEFITS</b> \$(000)
2012	3,174	459	488	4,121
2013	3,688	530	560	4,779
2014	5,919	602	636	7,156
2015	6,253	614	648	7,515
2016	6,557	626	661	7,844
2017	6,867	639	675	8,180
2018	7,307	651	688	8,646
2019	1,555	134	142	1,831
2020	819	68	72	960
2021	0	0	0	0
2022	0	0	0	0
2023	0	0	0	0
2024	0	0	0	0
2025	0	0	0	0
2026	0	0	0	0
2027	0	0	0	0
2028	0	0	0	0
2029	0	0	0	0
2030	0	0	0	0
2031	0	0	0	0
2032	0	0	0	0
2033	0	0	0	0
2034	0	0	0	0
2035	0	0	0	0
2036	0	0	0	0
2037	0	0	0	0
2038	0	0	0	0
2039	0	0	0	0
2040	0	0	0	0
2041	0	0	0	0
<b>NOMINAL</b>	<b>42,138</b>	<b>4,323</b>	<b>4,570</b>	<b>51,032</b>
<b>NPV</b>	<b>32,044</b>	<b>3,371</b>	<b>3,564</b>	<b>38,979</b>
<b>Present Value</b>		<i>i=8.03%</i>		<b>38,978,584</b>

**PROGRAM: DEP Res Lighting-Bus - Vintage Year-2012**

YEAR	<b>BENEFITS</b>			
	(1) TOTAL FUEL & O&M SAVINGS \$(000)	(2) AVOIDED T&D CAP. COSTS \$(000)	(3) AVOIDED GEN. CAP. COSTS \$(000)	(4) <b>TOTAL BENEFITS</b> \$(000)
2012	1,594	414	440	2,448
2013	1,857	479	506	2,842
2014	2,956	543	574	4,073
2015	625	112	118	855
2016	328	57	60	445
2017	0	0	0	0
2018	0	0	0	0
2019	0	0	0	0
2020	0	0	0	0
2021	0	0	0	0
2022	0	0	0	0
2023	0	0	0	0
2024	0	0	0	0
2025	0	0	0	0
2026	0	0	0	0
2027	0	0	0	0
2028	0	0	0	0
2029	0	0	0	0
2030	0	0	0	0
2031	0	0	0	0
2032	0	0	0	0
2033	0	0	0	0
2034	0	0	0	0
2035	0	0	0	0
2036	0	0	0	0
2037	0	0	0	0
2038	0	0	0	0
2039	0	0	0	0
2040	0	0	0	0
2041	0	0	0	0
<b>NOMINAL</b>	<b>7,359</b>	<b>1,606</b>	<b>1,699</b>	<b>10,664</b>
<b>NPV</b>	<b>6,582</b>	<b>1,454</b>	<b>1,539</b>	<b>9,575</b>
<b>Present Value</b>		<b>i=8.03%</b>		<b>9,574,732</b>

# Workpapers

## Section D – Determination of Utility Incentives

Note: Totals may not foot due to extra decimals and rounding.

Duke Energy Progress, Inc.  
Calculation of Program Performance Incentives

2013 Vintage

	CIG DR	EnergyWise™	Residential Home Advantage <sup>2</sup>	Residential Home Energy Improvement <sup>2</sup>	Lighting Program Residential <sup>1</sup>	Lighting Program Gen Svc <sup>1</sup>	Residential Appliance Recycling	Residential Benchmarking	Small Business Direct Install <sup>2</sup>	Residential New Construction <sup>2</sup>	CIG Energy Efficiency	
1 Present Value of Avoided Costs	WIP D-10	\$ 1,245,633	\$ 23,205,448	\$ 94,656	\$ 5,164,007	\$ 46,660,791	\$ 11,001,536	\$ 2,000,858	\$ 733,394	\$ 2,815,691	\$ 1,670,022	\$ 46,771,384
2 Present Value of Program Costs	WIP D-1A & D-11	763,975	5,550,980	67,611	5,419,581	8,235,185	1,000,191	1,473,097	591,861	3,345,513	2,348,349	8,424,007
3 Net Program Benefits		\$ 481,658	\$ 17,654,468	\$ 27,045	\$ -	\$ 38,425,606	\$ 10,001,345	\$ 527,761	\$ 141,533	\$ -	\$ -	\$ 38,347,378
4 SC Allocation Factor	WIP B	13.48%	13.48%	13.99%	13.99%	13.99%	13.99%	13.99%	13.99%	13.99%	13.99%	13.99%
5 SC Allocated Utility Cost Test	Lines 3 X 4	\$ 64,928	\$ 2,379,822	\$ 3,784	\$ -	\$ 5,375,742	\$ 1,399,188	\$ 73,834	\$ 19,801	\$ -	\$ -	\$ 5,364,798
6 DSM Program Incentive at 8%	Lines 5 X 8%	\$ 5,194	\$ 190,386									
7 EE Program Incentive at 13%	Lines 5 X 13%			\$ 492	\$ -	\$ 698,846	\$ 181,894	\$ 9,598	\$ 2,574	\$ -	\$ -	\$ 697,424
8 Program Performance Incentive (PPI)	Lines 6 + 7	\$ 5,194	\$ 190,386	\$ 492	\$ -	\$ 698,846	\$ 181,894	\$ 9,598	\$ 2,574	\$ -	\$ -	\$ 697,424
9 Income Tax Rate	WIP D-1C-2	39.21%	39.21%	39.21%	39.21%	39.21%	39.21%	39.21%	39.21%	39.21%	39.21%	39.21%
10 Income Taxes	-(Lines 8 X 9)	\$ (2,036)	\$ (74,642)	\$ (193)	\$ -	\$ (273,986)	\$ (71,313)	\$ (3,763)	\$ (1,009)	\$ -	\$ -	\$ (273,429)
11 Net-of-Tax PPI - Total NPV	Lines 8 + 10	\$ 3,158	\$ 115,744	\$ 299	\$ -	\$ 424,860	\$ 110,582	\$ 5,835	\$ 1,565	\$ -	\$ -	\$ 423,995
12 Vintage Year 2013 - Year 1 PPI	Line 11 x 0.088605 x (1 + 0.088605)^10 (1 + 0.088605)^10 - 1	\$ 489	\$ 17,925	\$ 46	\$ -	\$ 65,796	\$ 17,125	\$ 904	\$ 242	\$ -	\$ -	\$ 65,662
13 Income Tax Gross-Up Factor	1 - Line 9	60.79%	60.79%	60.79%	60.79%	60.79%	60.79%	60.79%	60.79%	60.79%	60.79%	60.79%
14 Adjusted PPI	Line 12 / Line 13	\$ 804	\$ 29,484	\$ -	\$ -	\$ 108,227	\$ 28,169	\$ 1,486	\$ 399	\$ -	\$ -	\$ 108,006
				<b>Est TRC &lt; 1</b>	<b>Est TRC &lt; 1</b>							
15 Vintage 2009 PPI Values	Line 15 from 2013 Analysis	\$ -	\$ 21,414	\$ 1,421	\$ 1,844	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,282
16 Vintage 2010 PPI Values	Line 16 from 2013 Analysis	10,743	145,696	5,257	17,530	94,447	23,309	5,380	-	-	-	78,191
17 Vintage 2011 PPI Values	Line 17 from 2013 Analysis	4,625	134,840	12,043	21,167	86,665	20,870	3,477	337	-	-	110,576
18 Vintage 2012 PPI Values	Line 18 from 2013 Analysis/WP D-5B	3,199	40,586	10,037	17,744	97,403	25,901	4,782	127	-	-	119,215
19 Σ Prior Period PPI	Lines 15 + 16 + 17 + 18	\$ 18,567	\$ 342,536	\$ 28,759	\$ 58,285	\$ 278,514	\$ 70,080	\$ 13,639	\$ 464	\$ -	\$ -	\$ 335,264
20 PPI Values for Test Period	Lines 14 + 19	\$ 19,372	\$ 372,020	\$ 28,759	\$ 58,285	\$ 386,741	\$ 98,249	\$ 15,125	\$ 863	\$ -	\$ -	\$ 443,270

2014 Vintage

	CIG DR	EnergyWise™	Residential Home Advantage <sup>2</sup>	Residential Home Energy Improvement <sup>2</sup>	Lighting Program Residential <sup>1</sup>	Lighting Program Gen Svc <sup>1</sup>	Residential Appliance Recycling	Residential Benchmarking	Small Business Direct Install <sup>2</sup>	Residential New Construction <sup>2</sup>	CIG Energy Efficiency	
1 Present Value of Avoided Costs	WIP D-10	\$ 4,537,507	\$ 22,292,698	\$ -	\$ 5,395,733	\$ 20,246,863	\$ 4,476,403	\$ 2,351,160	\$ 709,477	\$ 4,282,676	\$ 9,991,325	\$ 56,724,307
2 Present Value of Program Costs	WIP D-1A & D-11	2,773,899	5,239,334	6,995	6,006,955	5,724,326	695,239	2,171,094	3,607	7,480,000	7,361,549	9,584,277
3 Net Program Benefits		\$ 1,763,608	\$ 17,053,365	\$ -	\$ -	\$ 14,522,537	\$ 3,781,164	\$ 180,066	\$ 705,870	\$ -	\$ 2,629,776	\$ 47,140,030
4 SC Allocation Factor	WIP B	14.06%	14.06%	14.27%	14.27%	14.27%	14.27%	14.27%	14.27%	14.27%	14.27%	14.27%
5 SC Allocated Utility Cost Test	Lines 3 X 4	\$ 247,963	\$ 2,397,703	\$ -	\$ -	\$ 2,072,366	\$ 539,572	\$ 25,695	\$ 100,728	\$ -	\$ 375,269	\$ 6,726,882
6 DSM Program Incentive at 8%	Lines 5 X 8%	\$ 19,837	\$ 191,816									
7 EE Program Incentive at 13%	Lines 5 X 13%			\$ -	\$ -	\$ 269,408	\$ 70,144	\$ 3,340	\$ 13,095	\$ -	\$ 48,785	\$ 874,495
8 Program Performance Incentive (PPI)	Lines 6 + 7	\$ 19,837	\$ 191,816	\$ -	\$ -	\$ 269,408	\$ 70,144	\$ 3,340	\$ 13,095	\$ -	\$ 48,785	\$ 874,495
9 Income Tax Rate	WIP D-1C-1	38.71%	38.71%	38.71%	38.71%	38.71%	38.71%	38.71%	38.71%	38.71%	38.71%	38.71%
10 Income Taxes	-(Lines 8 X 9)	\$ (7,679)	\$ (74,253)	\$ -	\$ -	\$ (104,289)	\$ (27,153)	\$ (1,293)	\$ (5,069)	\$ -	\$ (18,885)	\$ (338,520)
11 Net-of-Tax PPI - Total NPV	Lines 8 + 10	\$ 12,158	\$ 117,563	\$ -	\$ -	\$ 165,119	\$ 42,991	\$ 2,047	\$ 8,026	\$ -	\$ 29,900	\$ 535,974
12 Vintage Year 2014 - Year 1 PPI	Line 11 x 0.088810 x (1 + 0.088810)^10 (1 + 0.088810)^10 - 1	\$ 1,885	\$ 18,223	\$ -	\$ -	\$ 25,594	\$ 6,664	\$ 317	\$ 1,244	\$ -	\$ 4,635	\$ 83,079
13 Income Tax Gross-Up Factor	1 - Line 9	61.29%	61.29%	61.29%	61.29%	61.29%	61.29%	61.29%	61.29%	61.29%	61.29%	61.29%
14 Adjusted PPI	Line 12 / Line 13	\$ 3,075	\$ 29,732	\$ -	\$ -	\$ 41,759	\$ 10,873	\$ 518	\$ 2,030	\$ -	\$ 7,562	\$ 135,551
				<b>Est TRC &lt; 1</b>	<b>Est TRC &lt; 1</b>					<b>Est TRC &lt; 1</b>		
15 Vintage 2009 PPI Values	Line 15 from 2013 Analysis	\$ -	\$ 21,414	\$ 1,421	\$ 1,844	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,282
16 Vintage 2010 PPI Values	Line 16 from 2013 Analysis	10,743	145,696	5,257	17,530	94,447	23,309	5,380	-	-	-	78,191
17 Vintage 2011 PPI Values	Line 17 from 2013 Analysis	4,625	134,840	12,043	21,167	86,665	20,870	3,477	337	-	-	110,576
18 Vintage 2012 PPI Values	Line 18 from 2013 Analysis	3,199	40,586	10,037	17,744	97,403	25,901	4,782	127	-	-	119,215
19 Vintage 2013 PPI Values		804	29,484	-	-	108,227	28,169	1,486	399	-	-	108,006
20 Σ Prior Period PPI	Lines 15 + 16 + 17 + 18 + 19	\$ 19,372	\$ 372,020	\$ 28,759	\$ 58,285	\$ 386,741	\$ 98,249	\$ 15,125	\$ 863	\$ -	\$ -	\$ 443,270
21 PPI Values for Rate Period	Lines 14 + 20	\$ 22,447	\$ 401,752	\$ 28,759	\$ 58,285	\$ 428,501	\$ 109,122	\$ 15,643	\$ 2,892	\$ -	\$ 7,562	\$ 578,821

Note: <sup>1</sup> Lighting Program EM&V Based Cost Allocations at 89.17% for Residential and 10.83% for General Service  
<sup>2</sup> Programs did not pass TRC test and are therefore not eligible for PPI. Programs will be re-examined upon receipt of EM&V.

## Duke Energy Progress, Inc.

Calculation of Program Performance Incentives (Costs)

	Actual Values											Adjusted 2011 Totals	
	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11		Dec-11
CIG DR	60,898	67,075	97,742	95,903	76,793	60,461	202,331	549,600	133,189	73,076	67,216	76,127	1,560,411
EnergyWiseTM	814,282	911,376	831,581	810,260	1,110,757	1,182,369	1,107,795	1,085,889	1,172,027	1,166,923	754,030	911,751	11,859,041
Residential Home Advantage	188,914	76,502	119,841	77,626	98,021	205,452	85,746	270,644	88,480	30,020	214,864	154,411	1,610,520
Residential Home Energy Improvement	883,389	758,080	630,288	435,618	487,641	597,642	353,652	604,650	322,292	393,356	528,145	478,659	6,473,411
Residential Lighting Program	134,445	476,955	440,320	346,309	223,050	541,350	202,109	451,542	714,028	784,511	761,284	795,710	5,871,613
Residential Appliance Recycling	46,333	89,902	245,855	89,750	79,407	100,939	93,903	153,250	124,062	91,905	108,868	51,226	1,275,400
Residential Benchmarking	1,721	80,842	3,675	6,399	338,733	5,967	118,805	3,918	11,334	1,996	114,013	3,829	691,232
CIG Energy Efficiency	404,382	1,028,980	945,062	1,071,958	400,004	748,282	536,338	515,507	993,318	654,744	858,591	471,795	8,628,963
Small Business Direct Install	0	0	0	0	0	0	0	0	0	0	3,242	12,353	15,595

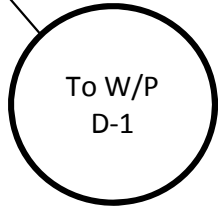
	Actual Values											Adjusted 2012 Totals	
	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12		Dec-12
CIG DR	67,535	90,727	61,938	57,779	59,118	55,182	108,422	157,715	189,671	58,558	43,937	52,100	1,002,683
EnergyWiseTM	768,289	1,201,814	824,124	450,241	662,199	558,102	662,007	481,063	627,521	622,958	646,884	511,784	8,016,985
Residential Home Advantage	180,344	282,988	68,280	70,764	50,649	53,957	34,699	72,694	101,306	49,979	27,780	35,698	1,029,138
Residential Home Energy Improvement	328,489	664,301	290,015	300,658	586,491	731,286	758,402	556,857	747,060	401,737	609,196	50,355	6,024,847
Residential Lighting Program	265,829	473,405	573,379	387,840	518,948	417,396	421,006	492,127	666,213	645,298	862,201	633,078	6,356,720
Residential Appliance Recycling	54,747	72,162	104,803	111,893	95,632	134,556	130,500	160,898	152,809	105,519	120,406	63,952	1,307,877
Residential Benchmarking	4,112	3,239	123,423	3,565	19,841	16,643	351,641	26,841	28,606	167,338	4,825	20,985	771,059
CIG Energy Efficiency	997,949	711,884	684,667	741,686	752,695	834,829	437,055	681,894	355,262	824,233	334,465	628,776	7,985,396
Small Business Direct Install	9,710	23,974	25,684	19,426	21,073	12,142	10,708	17,722	14,370	11,906	19,470	10,361	196,544
Residential New Construction	5,645	18,570	26,275	20,196	13,232	10,078	15,818	37,604	8,359	24,041	13,998	22,947	216,763

	Actual Values											Adjusted 2013 Totals	
	Jan-13	Feb-13	Mar-13	Apr-13	May-13	Jun-13	Jul-13	Aug-13	Sep-13	Oct-13	Nov-13		Dec-13
CIG DR	55,409	67,056	86,761	86,896	70,443	92,919	109,098	355,546	242,854	75,872	15,002	95,317	1,353,172
EnergyWiseTM	761,359	797,216	989,284	606,950	809,695	677,016	761,008	795,185	959,157	1,621,067	259,073	672,654	9,709,664
Residential Home Advantage	8,016	47,293	6,540	3,238	(2,355)	1,264	0	9,499	(9,271)	0	0	3,388	67,611
Residential Home Energy Improvement	683,668	378,524	212,094	492,204	409,508	391,566	502,825	579,011	522,444	367,382	387,121	493,233	5,419,581
Residential Lighting Program	914,542	690,685	806,867	859,001	845,845	141,472	1,581,566	335,420	1,009,445	1,045,426	1,265,739	(260,631)	9,235,376
Residential Appliance Recycling	103,832	102,287	99,718	120,246	76,744	48,420	211,512	145,695	176,621	110,880	115,445	161,696	1,473,097
Residential Benchmarking	(14,464)	188,717	(15,711)	4,002	4,521	250,749	3,264	12,470	2,687	110,148	8,918	36,559	591,861
CIG Energy Efficiency	1,328,810	260,835	596,863	636,934	752,649	361,353	735,254	1,235,712	182,728	631,316	1,126,782	574,769	8,424,007
Small Business Direct Install	8,824	17,624	43,974	106,880	47,604	14,086	385,897	313,318	470,548	508,431	189,531	1,238,794	3,345,513
Residential New Construction	38,169	101,738	111,762	88,754	177,839	149,944	143,971	245,314	299,663	451,713	490,721	48,761	2,348,349

# Duke Energy Progress, Inc.

## SC Calculation Tax and Return Related Input Factors

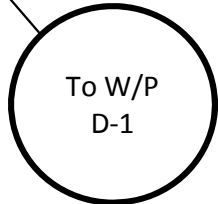
	<u>Component</u>	<u>Percent</u>	<u>Rate</u>	<u>Wgt'd Rate</u>	<u>Net of Tax Wgt'd Cost</u>	<u>Pre Tax Wgt'd Cost</u>	
1	Debt	47.82% x	8.62% =	4.1221%	2.5264% (a)	4.1221%	
2	Preferred	7.46% x	8.75% =	0.6528% →	0.6528%	1.0650% (b)	
3	Common	44.72% x	12.75% =	5.7018% →	5.7018%	9.3030% (c)	
4	Total	100.00%		10.4766%	<b>8.8810%</b>	14.4902%	
5							
6	<b>After Tax Cost of Debt</b>						
7	Wgt'd Debt Component			4.1221% ←	4.1221%		
8	PEC Composite Income Tax Rate			x	38.7104% (d)		
9	Federal Income Tax Amount			-	1.5957% ←		
10							
11	After Tax Debt Cost Component			2.5264% →	<b>2.5264%</b> (a)		
12							
13	<b>Incremental Tax Rate</b>						
14	Pretax Debt Component				4.1221%		
15	After-Tax Debt Component				2.5264%		
16	After Tax Percent of Pretax Amt				61.2896%		
17	Effective Incremental Tax Rate						
18	(1 - After Tax Percent of Pretax )				<b>38.7104%</b> (d)		
19							
20	<b>Pre Tax Cost of Equity</b>						
21	Wgt'd Common Equity Component					5.7018%	
22	Wgt'd Preferred Component				0.6528%		
23	Total Equity					5.7018%	
24	After Tax Percent of Pretax Amt				61.2896%	61.2896%	
25	Pre Tax Cost of Equity						
26	(Pre Tax Cost of Equity / After Tax Percent of Pretax Amt )				<b>1.0650%</b> (b)	<b>9.3030%</b> (c)	
27							
28							
29	<b>Composite Income Tax Rate</b>						
30							
31	<u>Jurisdiction</u>						
32	Federal [35% x (1-Composite State)]					33.0021%	
33	North Carolina					5.0783%	
34	South Carolina				+	0.6300%	
35	PEC Composite Income Tax Rate					<b>38.7104%</b> (d)	



# Duke Energy Progress, Inc.

## SC Calculation Tax and Return Related Input Factors

	<u>Component</u>	<u>Percent</u>	<u>Rate</u>	<u>Wgt'd Rate</u>	<u>Net of Tax Wgt'd Cost</u>	<u>Pre Tax Wgt'd Cost</u>	
1	Debt	47.82% x	8.62% =	4.1221%	2.5060% (a)	4.1221%	
2	Preferred	7.46% x	8.75% =	0.6528% →	0.6528%	1.0737% (b)	
3	Common	44.72% x	12.75% =	5.7018% →	5.7018%	9.3788% (c)	
4	Total	100.00%		10.4766%	<b>8.8605%</b>	14.5746%	
5							
6	<b>After Tax Cost of Debt</b>						
7	Wgt'd Debt Component			4.1221% ←	4.1221%		
8	PEC Composite Income Tax Rate			x	39.2055% (d)		
9	Federal Income Tax Amount		-	1.6161% ←	1.6161%		
10							
11	After Tax Debt Cost Component			2.5060% →	<b>2.5060%</b> (a)		
12							
13	<b>Incremental Tax Rate</b>						
14	Pretax Debt Component				4.1221%		
15	After-Tax Debt Component				2.5060%		
16	After Tax Percent of Pretax Amt				60.7945%		
17	Effective Incremental Tax Rate						
18	(1 - After Tax Percent of Pretax)					<b>39.2055%</b> (d)	
19							
20	<b>Pre Tax Cost of Equity</b>						
21	Wgt'd Common Equity Component					5.7018%	
22	Wgt'd Preferred Component				0.6528%		
23	Total Equity					5.7018%	
24	After Tax Percent of Pretax Amt				60.7945%	60.7945%	
25	Pre Tax Cost of Equity						
26	(Pre Tax Cost of Equity / After Tax Percent of Pretax Amt)					<b>1.0737%</b> (b) <b>9.3788%</b> (c)	
27							
28							
29	<b>Composite Income Tax Rate</b>						
30							
31	<u>Jurisdiction</u>						
32	Federal [35% x (1-Composite State)]					32.7355%	
33	North Carolina					5.8400%	
34	South Carolina					+ 0.6300%	
35	PEC Composite Income Tax Rate					<b>39.2055%</b> (d)	



**PROGRAM: DEP EnergyWise - Vintage Year-2012**

<b>BENEFITS</b>				
	(1)	(2)	(3)	(4)
	TOTAL FUEL & O&M SAVINGS	AVOIDED T&D CAP. COSTS	AVOIDED GEN. CAP. COSTS	TOTAL BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)
2012	192	0	2,290	2,482
2013	197	0	2,336	2,534
2014	200	0	2,383	2,583
2015	-106	0	2,430	2,325
2016	-133	0	2,479	2,346
2017	-146	0	2,529	2,382
2018	-103	0	2,579	2,476
2019	-129	0	2,631	2,502
2020	-99	0	2,683	2,585
2021	-95	0	2,737	2,642
2022	-91	0	2,792	2,701
2023	-118	0	2,848	2,730
2024	-97	0	2,905	2,808
2025	-110	0	2,963	2,853
2026	-47	0	3,022	2,975
2027	-92	0	3,083	2,990
2028	-93	0	3,144	3,052
2029	-41	0	3,207	3,165
2030	-73	0	3,271	3,198
2031	-68	0	3,337	3,269
2032	-79	0	3,403	3,324
2033	-82	0	3,471	3,389
2034	-78	0	3,541	3,463
2035	-88	0	3,612	3,523
2036	-103	0	3,684	3,581
2037	-91	0	3,757	3,667
2038	-93	0	3,833	3,739
2039	-111	0	3,909	3,799
2040	0	0	0	0
2041	0	0	0	0
<b>NOMINAL</b>	-1,778	0	84,859	83,081
<b>NPV</b>	-382	0	32,815	32,434



**PROGRAM: DEP CIG Demand Response - Vintage Year-2012**

YEAR	<b>BENEFITS</b>			
	(1) TOTAL FUEL & O&M SAVINGS \$(000)	(2) AVOIDED T&D CAP. COSTS \$(000)	(3) AVOIDED GEN. CAP. COSTS \$(000)	(4) TOTAL BENEFITS \$(000)
2012	18	0	204	222
2013	19	0	208	227
2014	21	0	212	233
2015	-7	0	216	209
2016	-10	0	221	211
2017	-11	0	225	214
2018	-7	0	230	222
2019	-9	0	234	225
2020	-5	0	239	234
2021	-5	0	244	239
2022	-5	0	249	243
2023	-6	0	254	247
2024	-6	0	259	253
2025	-5	0	264	259
2026	2	0	269	271
2027	-2	0	274	273
2028	-4	0	280	276
2029	1	0	286	286
2030	0	0	291	291
2031	-1	0	297	296
2032	-1	0	303	302
2033	-1	0	309	308
2034	-1	0	315	314
2035	-4	0	322	318
2036	-4	0	328	324
2037	-2	0	335	333
2038	0	0	341	341
2039	-3	0	348	346
2040	0	0	0	0
2041	0	0	0	0
<b>NOMINAL</b>	<b>-38</b>	<b>0</b>	<b>7,556</b>	<b>7,518</b>
<b>NPV</b>	<b>5</b>	<b>0</b>	<b>2,922</b>	<b>2,927</b>

## Duke Energy Progress, Inc.

## Net Lost Revenue Summary (SC)

Source	Test Period		Rate Period		
	MWH	Net Lost Rev	MWH	Net Lost Rev	
<b>Residential Programs</b>					
Home Advantage	W/P D-2a	1,009.23	\$ 58,372.58	344.40	\$ 19,874.04
Home Energy Improvement	W/P D-2b	2,165.45	125,247.34	1,797.03	103,699.95
Lighting - Residential	W/P D-2c	36,926.57	2,135,789.01	34,493.68	1,990,503.01
Neghborhood Energy Saver	W/P D-2d	1,485.42	85,915.09	1,052.57	60,739.65
Residential Appliance Recycling	W/P D-2e	1,875.45	108,473.55	1,926.73	111,184.46
Residential Benchmarking Program	W/P D-2f	972.96	56,275.05	(128.87)	(7,436.83)
Residential New Construction Program	W/P D-2g	155.25	8,979.29	1,128.81	65,139.51
<b>Residential Total</b>		44,590.33	\$ 2,579,051.91	40,614.34	\$ 2,343,703.78
<b>Commercial, Industrial and Governmental</b>					
Energy Efficiency For Business	W/P D-2h	21,404.79	\$ 1,114,613.56	26,942.72	\$ 1,399,421.01
Small Business Energy Saver	W/P D-2i	433.85	22,592.13	1,533.84	79,668.37
Lighting - General Service	W/P D-2j	17,489.85	910,750.72	16,376.03	850,580.66
<b>Commercial, Ind and Govt Total</b>		39,328.50	\$ 2,047,956.41	44,852.59	\$ 2,329,670.04
<b>South Carolina</b>		83,918.82	\$ 4,627,008.32	85,466.92	\$ 4,673,373.82



Duke Energy Progress, Inc.

Recoverable Sales Reductions from Energy Efficiency Programs (MWH): Residential Home Advantage Program

	Start Date	End Date	Source Documents for Recovered Lost MWHs	Vintage 2009 Recoveries			Vintage 2010 Recoveries			Vintage 2011 Recoveries			Vintage 2012 Recoveries			Vintage 2013 Recoveries			I Recovered Net Lost Revenue				
				MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery		
<b>2009-191-E</b>	Test Period Net Recover	Sep-07	to	Mar-09	Refer to Workpaper D-2 employed in Docket No. 2009-191-E	2.68	\$ 59.28	158.63	-	\$ -	-	-	\$ -	-	-	\$ -	-	-	2.68	\$ 59.28	158.63		
<b>2010-161-E</b>	Test Period Net Recover	Apr-09	to	Mar-10	Refer to Workpaper D-3 employed in Docket No. 2010-161-E	67.54	\$ 58.67	3,962.98	5.71	\$ 58.67	334.85	-	-	-	-	-	-	-	73.25	\$ 58.67	4,297.83		
<i>Vintage Amounts thru 2010-161-E</i>					Sum of Amounts from Prior Proceedings	70.22		4,121.61	5.71		334.85	-	-	-	-	-	-	-	75.93		4,456.46		
<b>2011-181-E</b>	Test Period Net Recover	Apr-10	to	Mar-11	Refer to Workpaper D-2B employed in Docket No. 2011-181-E	96.26	\$ 58.39	5,620.90	224.65	\$ 58.39	13,118.65	35.84	\$ 58.39	2,092.84	-	-	-	-	356.75	\$ 58.39	20,832.39		
<i>Vintage Amounts thru 2011-181-E</i>					Sum of Amounts from Current and Prior Proceedings	166.48	\$ 58.39	9,742.51	230.36	\$ 58.39	13,453.50	35.84	\$ 58.39	2,092.84	-	\$ -	-	-	\$ -	432.68	\$ 58.39	25,288.85	
<b>2012-93-E</b>	Test Period Net Recover	Apr-11	to	Mar-12	Refer to Workpaper D-2a employed in Docket No. 2012-93-E	70.06	\$ 57.71	4,043.00	245.31	\$ 57.71	14,156.12	441.09	\$ 57.71	25,453.69	25.05	\$ 57.71	1,445.73	-	\$ 57.71	-	781.51	\$ 57.71	45,098.55
<i>Vintage Amounts thru 2012-93-E</i>					Sum of Amounts from Current and Prior Proceedings	236.54		13,785.51	475.67		27,609.62	476.93		27,546.53	25.05		1,445.73	-		1,214.19		70,387.40	
<b>2013-76-E</b>	Test Period Net Recover	Apr-12	to	Mar-13	Amounts from Current Test Period (April 2012 thru March 2013)	27.39	\$ 59.15	1,620.21	260.78	\$ 59.15	15,424.01	529.79	\$ 59.15	31,334.53	372.24	\$ 59.15	22,016.37	-	\$ 59.15	-	1,190.21	\$ 59.15	70,395.12
<b>2013-76-E</b>	Rate Period Forecast	Jul-13	to	Jun-14	Amounts Applicable to Rate Period (July 2013 thru June 2014)	-	\$ 59.38	-	28.98	\$ 59.38	1,720.50	358.24	\$ 59.38	21,270.90	306.27	\$ 59.38	18,185.22	9.09	\$ 59.38	539.90	702.59	\$ 59.38	41,716.52
<i>Vintage Amounts thru 2013-76-E</i>					Sum of Amounts from Current and Prior Proceedings	263.93		15,405.73	765.43		44,754.14	1,364.96		80,151.96	703.57		41,647.32	9.09		539.90	3,106.99		182,499.05
<b>2014-XX-E</b>	Test Period Net Recover	Apr-13	to	Mar-14	Amounts from Current Test Period (April 2013 thru March 2014)	-	\$ 57.84	-	74.94	\$ 57.84	4,334.69	489.51	\$ 57.84	28,312.71	429.58	\$ 57.84	24,846.29	15.20	\$ 57.84	878.89	1,009.23	\$ 57.84	58,372.58
<b>2014-XX-E</b>	Rate Period Forecast	Jul-14	to	Jun-15	Amounts Applicable to Rate Period (July 2014 thru June 2015)	-	\$ 57.71	-	-	\$ 57.71	-	34.18	\$ 57.71	1,972.28	297.67	\$ 57.71	17,177.53	12.55	\$ 57.71	724.22	344.40	\$ 57.71	19,874.04





	Start Date	End Date	Source Documents for Recovered Lost MWHs	Vintage 2009 Recoveries			Vintage 2010 Recoveries			Vintage 2011 Recoveries			Vintage 2012 Recoveries			Vintage 2013 Recoveries			Vintage 2014 Recoveries			Vintage 2015 Recoveries			Σ Recovered Net Lost Revenue					
				MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery
2009-191-E	Test Period Net Recover	Sep-07	to	Mar-09	Refer to Workpaper D-2 employed in Docket No. 2009-191-E	-	\$ -	-	-	\$ -	-	-	\$ -	-	-	\$ -	-	-	\$ -	-	-	-	\$ -	-	-	-	\$ -	-	-	
2010-161-E	Test Period Net Recover	Apr-09	to	Mar-10	Refer to Workpaper D-3 employed in Docket No. 2010-161-E	336.29	\$ 58.67	19,731.10	102.65	\$ 58.67	6,022.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Vintage Amounts thru 2010-161-E</i>				Sum of Amounts from Prior Proceedings	336.29		19,731.10	102.65		6,022.86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2011-181-E	Test Period Net Recover	Apr-10	to	Mar-11	Refer to Workpaper D-2B employed in Docket No. 2011-181-E	62.65	\$ 58.39	3,658.33	643.24	\$ 58.39	37,561.67	73.03	\$ 58.39	4,264.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Vintage Amounts thru 2011-181-E</i>				Sum of Amounts from Current and Prior Proceedings	398.94	\$ 58.39	23,389.43	745.89	\$ 58.39	43,584.53	73.03	\$ 58.39	4,264.64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2012-93-E	Test Period Net Recover	Apr-11	to	Mar-12	Refer to Workpaper D-2B employed in Docket No. 2012-93-E	244.37	\$ 57.71	14,102.11	883.25	\$ 57.71	50,969.83	711.35	\$ 57.71	41,049.62	61.03	\$ 57.71	3,521.96	-	\$ 57.71	-	-	\$ 57.71	-	-	-	-	-	-	-	-
<i>Vintage Amounts thru 2012-93-E</i>				Sum of Amounts from Current and Prior Proceedings	643.31	\$ 57.71	37,491.54	1,629.14	\$ 57.71	94,554.37	784.38	\$ 57.71	45,314.26	61.03	\$ 57.71	3,521.96	-	\$ 57.71	-	-	\$ 57.71	-	-	-	-	-	-	-	-	-
2013-76-E	Test Period Net Recover	Apr-12	to	Mar-13	Amounts from Current Test Period (April 2012 thru March 2013)	98.68	\$ 59.15	5,836.33	898.01	\$ 59.15	47,789.94	847.08	\$ 59.15	50,100.71	589.61	\$ 59.15	34,872.30	12.57	\$ 59.15	743.29	-	\$ 59.15	-	-	-	-	-	-	-	-
2013-76-E	Rate Period Forecast	Jul-13	to	Jun-14	Amounts Applicable to Rate Period (July 2013 thru June 2014)	-	\$ 59.38	-	55.44	\$ 59.38	3,291.61	523.43	\$ 59.38	31,076.92	689.78	\$ 59.38	35,016.44	375.40	\$ 59.38	22,289.37	13.85	\$ 59.38	822.55	-	-	-	-	-	-	
<i>Vintage Amounts thru 2013-76-E</i>				Sum of Amounts from Current and Prior Proceedings	741.99	\$ 59.15	43,327.87	2,492.59	\$ 59.15	145,635.92	2,154.89	\$ 59.15	126,493.90	1,240.42	\$ 59.15	73,412.70	387.96	\$ 59.15	743.29	-	\$ 59.15	743.29	-	-	-	-	-	-	-	-
2014-XX-E	Test Period Net Recover	Apr-13	to	Mar-14	Amounts from Current Test Period (April 2013 thru March 2014)	-	\$ 57.84	-	163.27	\$ 57.84	9,443.10	733.31	\$ 57.84	42,413.91	800.51	\$ 57.84	46,300.58	454.51	\$ 57.84	26,288.49	13.85	\$ 57.84	801.26	-	\$ 57.84	-	-	-		
2014-XX-E	Rate Period Forecast	Jul-14	to	Jun-15	Amounts Applicable to Rate Period (July 2014 thru June 2015)	-	\$ 57.71	-	-	\$ 57.71	-	79.53	\$ 57.71	4,589.39	693.99	\$ 57.71	40,047.67	566.41	\$ 57.71	32,685.31	402.93	\$ 57.71	23,251.37	54.17	\$ 57.71	3,126.20	1,797.03	\$ 57.71	103,699.95	







	Start Date	End Date	Source Documents for Recovered Lost MWHs	Vintage 2009 Recoveries			Vintage 2010 Recoveries			Vintage 2011 Recoveries			Vintage 2012 Recoveries			Vintage 2013 Recoveries			Vintage 2014 Recoveries			Vintage 2015 Recoveries			I Recovered Net Lost Revenue						
				MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate		
2009-191-E	Test Period Net Recover	Sep-07	to	Mar-09	Refer to Workpaper D-2 employed in Docket No. 2009-191-E	-	\$ 59.28	-	-	\$ -	-	-	-	\$ -	-	-	\$ -	-	-	-	\$ -	-	-	-	\$ -	-	-	-	59.28	-	
2010-161-E	Test Period Net Recover	Apr-09	to	Mar-10	Refer to Workpaper D-3 employed in Docket No. 2010-161-E	-	\$ 58.67	-	216.92	\$ 58.67	12,727.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	216.92	\$ 58.67	12,727.36	
<i>Vintage Amounts thru 2010-161-E</i>				Sum of Amounts from Prior Proceedings	-	-	-	216.92	-	12,727.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	216.92	-	12,727.36		
2011-181-E	Test Period Net Recover	Apr-10	to	Mar-11	Refer to Workpaper D-2B employed in Docket No. 2011-181-E	-	\$ 58.39	-	8,336.18	\$ 58.39	486,787.86	444.41	\$ 58.39	25,951.05	-	-	-	-	-	-	-	-	-	-	-	-	-	8,780.59	\$ 58.39	512,738.91	
<i>Vintage Amounts thru 2011-181-E</i>				Sum of Amounts from Current and Prior Proceedings	-	\$ 58.39	-	8,553.10	\$ 58.39	499,515.22	444.41	\$ 58.39	25,951.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8,997.51	\$ 58.39	525,486.27	
2012-93-E	Test Period Net Recover	Apr-11	to	Mar-12	Refer to Workpaper D-2c employed in Docket No. 2012-93-E	-	\$ 57.71	-	10,811.05	\$ 57.71	623,872.45	6,916.37	\$ 57.71	399,122.14	374.09	\$ 57.71	21,587.57	-	-	-	-	-	-	-	-	-	-	-	18,101.51	\$ 57.71	1,044,562.16
<i>Vintage Amounts thru 2012-93-E</i>				Sum of Amounts from Current and Prior Proceedings	-	-	-	19,364.15	-	1,123,387.67	7,360.77	-	425,073.20	374.09	-	21,587.57	-	-	-	-	-	-	-	-	-	-	-	-	27,999.02	-	1,570,048.44
2013-76-E	Test Period Net Recover	Apr-12	to	Mar-13	Amounts from Current Test Period (April 2012 thru March 2013)	-	\$ 59.15	-	7,230.86	\$ 59.15	427,669.52	10,092.01	\$ 59.15	596,892.32	5,670.86	\$ 59.15	335,403.47	310.34	\$ 59.15	18,355.25	-	-	-	-	-	-	-	-	23,304.07	\$ 59.15	1,378,320.55
<i>Vintage Amounts thru 2013-76-E</i>				Amounts Applicable to Rate Period (July 2013 thru June 2014)	-	\$ 59.38	-	868.08	\$ 59.38	53,729.62	6,610.96	\$ 59.38	392,529.02	8,613.98	\$ 59.38	523,334.26	9,178.43	\$ 59.38	544,973.68	316.31	\$ 59.38	16,781.01	-	-	-	-	-	-	25,487.74	\$ 59.38	1,513,347.80
<i>Vintage Amounts thru 2013-76-E</i>				Sum of Amounts from Current and Prior Proceedings	-	-	-	27,163.09	-	1,584,787.01	24,063.74	-	1,414,484.53	14,868.93	-	890,325.30	9,488.77	-	563,328.93	316.31	-	18,781.01	-	-	-	-	-	-	75,890.83	-	4,461,716.79
2014-XX-E	Test Period Net Recover	Apr-13	to	Mar-14	Amounts from Current Test Period (April 2013 thru March 2014)	-	\$ 57.84	-	1,965.17	\$ 57.84	113,663.03	8,985.57	\$ 57.84	519,714.49	14,802.14	\$ 57.84	856,138.42	10,857.38	\$ 57.84	627,878.13	316.31	\$ 57.84	18,294.95	-	-	-	-	-	36,926.57	\$ 57.84	2,135,789.01
<i>Vintage Amounts thru 2014-XX-E</i>				Amounts Applicable to Rate Period (July 2014 thru June 2015)	-	\$ 57.71	-	-	\$ 57.71	-	994.85	\$ 57.71	57,408.90	10,619.21	\$ 57.71	612,795.25	15,237.00	\$ 57.71	679,271.05	6,762.93	\$ 57.71	390,263.86	879.69	\$ 57.71	50,763.94	-	-	-	34,493.68	\$ 57.71	1,990,503.01



Duke Energy Progress, Inc.

Recoverable Sales Reductions from Energy Efficiency Programs (MWH): Neighborhood Energy Saver Program

Table with columns for Allocation Factor (SC), Vintage - 2009 (South Carolina), Vintage - 2010 (South Carolina), Vintage - 2011 (South Carolina), Vintage - 2012 (South Carolina), Vintage - 2013 (South Carolina), Vintage - 2014 (South Carolina), Vintage - 2015 (South Carolina), and Σ All Vintages (South Carolina). Rows list months from Jan-09 to Jun-15 with sub-period labels like 2009-10 E, 2010-10 E, etc.

Amounts Do Not Include Current Rate Period

	<u>Start Date</u>	<u>End Date</u>	<u>Source Documents for Recovered Lost MMHs</u>	<u>MMH</u>	<u>Rate</u>	<u>Recovery</u>	<u>MMH</u>	<u>Rate</u>	<u>Recovery</u>	<u>MMH</u>	<u>Rate</u>	<u>Recovery</u>	<u>MMH</u>	<u>Rate</u>	<u>Recovery</u>	<u>MMH</u>	<u>Rate</u>	<u>Recovery</u>	<u>MMH</u>	<u>Rate</u>	<u>Recovery</u>	<u>MMH</u>	<u>Rate</u>	<u>Recovery</u>			
<b>2009-191-E</b>	Test Period Net Recover	Sep-07 to Mar-09	Refer to Workpaper D-2 employed in Docket No. 2009-191-E	-	\$ -	-	-	\$ -	-	-	\$ -	-	-	\$ -	-	-	\$ -	-	-	-	\$ -	-	-	-	-		
<b>2010-161-E</b>	Test Period Net Recover	Apr-09 to Mar-10	Refer to Workpaper D-3 employed in Docket No. 2010-161-E	36.46	\$ 58.67	2,139.18	19.98	\$ 58.67	1,172.29	-	-	-	-	-	-	-	-	-	-	-	-	-	56.44	\$ 58.67	3,311.47		
<b>Vintage Amounts thru 2010-161-E</b>				Sum of Amounts from Prior Proceedings																							
				36.46		2,139.10	19.98		1,172.29															56.44	3,311.47		
<b>2011-181-E</b>	Test Period Net Recover	Apr-10 to Mar-11	Refer to Workpaper D-2B employed in Docket No. 2011-181-E	85.23	\$ 58.39	4,976.88	443.85	\$ 58.39	25,918.23	25.96	\$ 58.39	1,516.04	-	-	-	-	-	-	-	-	-	-	555.04	\$ 58.39	32,411.15		
<b>Vintage Amounts thru 2011-181-E</b>				Sum of Amounts from Current and Prior Proceedings																							
				121.69	\$ 58.39	7,115.98	463.83	\$ 58.39	27,090.51	25.96	\$ 58.39	1,516.04	-	-	-	-	-	-	-	-	-	-	611.48	\$ 58.39	35,722.62		
<b>2012-93-E</b>	Test Period Net Recover	Apr-11 to Mar-12	Refer to Workpaper D-2d employed in Docket No. 2012-93-E	81.65	\$ 57.71	4,711.68	605.00	\$ 57.71	34,912.96	491.49	\$ 57.71	28,342.23	24.11	\$ 57.73	1,391.61	-	-	-	-	-	-	-	1,202.25	\$ 57.71	69,378.48		
<b>Vintage Amounts thru 2012-93-E</b>				Sum of Amounts from Current and Prior Proceedings																							
				203.34		11,827.66	1,068.83		62,003.46	517.45		29,878.27	24.11		1,391.61								1,813.73		108,101.09		
<b>2013-76-E</b>	Test Period Net Recover	Apr-12 to Mar-13	Amounts from Current Test Period (April 2012 thru March 2013)	48.63	\$ 59.15	2,876.07	600.65	\$ 59.15	35,525.43	657.18	\$ 59.15	38,868.72	410.05	\$ 59.15	24,252.42	10.40	\$ 59.15	614.89	-	-	-	-	59.15	-	1,726.90	\$ 59.15	102,137.73
<b>2013-76-E</b>				Amounts Applicable to Rate Period (July 2013 thru June 2014)																							
				-	\$ 59.38	-	73.95	\$ 59.38	4,391.00	452.35	\$ 59.38	26,858.56	393.45	\$ 59.38	23,361.22	153.21	\$ 59.38	9,096.77	10.17	\$ 59.38	603.76	-	\$ 59.38	-	1,083.13	\$ 59.38	64,311.32
<b>Vintage Amounts thru 2013-76-E</b>				Sum of Amounts from Current and Prior Proceedings																							
				251.97		14,703.73	1,742.43		101,919.90	1,626.98		95,605.56	827.61		49,005.45	163.60		9,711.66	10.17		603.76	-	4,623.76		271,550.14		
<b>2014-XX-E</b>	Test Period Net Recover	Apr-13 to Mar-14	Amounts from Current Test Period (April 2013 thru March 2014)	-	\$ 57.84	-	174.08	\$ 57.84	10,068.63	611.94	\$ 57.84	35,393.61	514.30	\$ 57.84	29,746.36	174.94	\$ 57.84	10,118.35	10.17	\$ 57.84	588.13	-	\$ 57.84	-	1,485.42	\$ 57.84	85,915.09
<b>2014-XX-E</b>				Amounts Applicable to Rate Period (July 2014 thru June 2015)																							
				-	\$ 57.71	-	-	\$ 57.71	-	61.38	\$ 57.71	3,541.76	464.56	\$ 57.71	26,808.12	256.40	\$ 57.71	14,796.18	233.04	\$ 57.71	13,447.73	37.19	\$ 57.71	2,145.86	1,052.57	\$ 57.71	60,739.65





	Start Date	End Date	Source Documents for Recovered Lost MWHs	Vintage 2009 Recoveries			Vintage 2010 Recoveries			Vintage 2011 Recoveries			Vintage 2012 Recoveries			Vintage 2013 Recoveries			Vintage 2014 Recoveries			Vintage 2015 Recoveries			1 Recovered Net Lost Revenue												
				MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery							
2009-191-E	Test Period Net Recover	Sep-07	to	Mar-09	Refer to Workpaper D-2 employed in Docket No. 2009-191-E	-	\$	-	-	\$	-	-	-	\$	-	-	-	\$	-	-	-	\$	-	-	-	\$	-	-	-	\$	-	-					
2010-161-E	Test Period Net Recover	Apr-09	to	Mar-10	Refer to Workpaper D-3 employed in Docket No. 2010-161-E	-	\$	58.67	-	-	\$	58.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Vintage Amounts thru 2010-161-E				Sum of Amounts from Prior Proceedings	-		-		-		-		-		-		-		-		-		-		-		-		-		-						
2011-181-E	Test Period Net Recover	Apr-10	to	Mar-11	Refer to Workpaper D-2B employed in Docket No. 2011-181-E	-	\$	58.39	-	353.69	\$	58.39	20,653.70	21.01	\$	58.39	1,227.04	-	-	-	-	-	-	-	-	-	-	-	-	374.70	\$	58.39	21,880.74				
Vintage Amounts thru 2011-181-E				Sum of Amounts from Current and Prior Proceedings	-	\$	58.39	-	353.69	\$	58.39	20,653.70	21.01	\$	58.39	1,227.04	-	\$	-	-	-	-	-	-	-	-	-	-	-	374.70	\$	58.39	21,880.74				
2012-93-E	Test Period Net Recover	Apr-11	to	Mar-12	Refer to Workpaper D-2e employed in Docket No. 2012-93-E	-	\$	57.71	-	726.41	\$	57.71	40,764.47	569.56	\$	57.71	32,867.32	24.88	\$	57.71	1,435.47	-	\$	57.71	-	-	\$	57.71	-	-	\$	57.71	1,300.84	\$	57.71	75,067.26	
Vintage Amounts thru 2012-93-E				Sum of Amounts from Current and Prior Proceedings	-		-	1,050.10	61,418.17	590.57	34,094.36	24.88	1,435.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,875.54	96,948.00						
2013-76-E	Test Period Net Recover	Apr-12	to	Mar-13	Amounts from Current Test Period (April 2012 thru March 2013)	-	\$	59.15	-	643.42	\$	59.15	38,054.87	758.57	\$	59.15	44,865.61	623.95	\$	59.15	36,903.84	27.87	\$	59.15	1,648.10	-	\$	59.15	-	-	\$	59.15	-	2,053.80	\$	59.15	121,472.42
2013-76-E	Rate Period Forecast	Jul-13	to	Jun-14	Amounts Applicable to Rate Period (July 2013 thru June 2014)	-	\$	59.38	-	112.75	\$	59.38	6,694.86	539.04	\$	59.38	32,005.90	452.74	\$	59.38	26,881.70	408.78	\$	59.38	24,271.45	19.10	\$	59.38	1,133.91	-	\$	59.38	-	1,532.41	\$	59.38	90,987.81
Vintage Amounts thru 2013-76-E				Sum of Amounts from Current and Prior Proceedings	-		-	1,816.27	106,167.90	1,888.18	110,965.87	1,101.57	65,221.01	436.64	25,919.55	19.10	1,133.91	-	-	-	-	-	-	-	-	-	-	-	-	5,261.76	309,408.24						
2014-XX-E	Test Period Net Recover	Apr-13	to	Mar-14	Amounts from Current Test Period (April 2013 thru March 2014)	-	\$	57.84	-	253.99	\$	57.84	14,690.38	729.99	\$	57.84	42,048.44	423.40	\$	57.84	24,488.91	451.97	\$	57.84	26,141.26	19.10	\$	57.84	1,104.56	-	\$	57.84	-	1,875.45	\$	57.84	108,473.55
Vintage Amounts thru 2014-XX-E				Sum of Amounts from Current and Prior Proceedings	-	\$	57.84	-	253.99	\$	57.84	14,690.38	729.99	\$	57.84	42,048.44	423.40	\$	57.84	24,488.91	451.97	\$	57.84	26,141.26	19.10	\$	57.84	1,104.56	-	\$	57.84	-	1,875.45	\$	57.84	108,473.55	
2014-XX-E	Rate Period Forecast	Jul-14	to	Jun-15	Amounts Applicable to Rate Period (July 2014 thru June 2015)	-	\$	57.71	-	-	\$	57.71	-	88.90	\$	57.71	5,129.95	549.17	\$	57.71	31,690.57	659.65	\$	57.71	38,066.25	566.67	\$	57.71	32,700.40	63.34	\$	57.71	3,597.29	1,926.73	\$	57.71	111,184.46



Duke Energy Progress, Inc.

Recoverable Sales Reductions from Energy Efficiency Programs (MWH): Residential Benchmarking Program

Month	Additions	Vintage - 2009		Vintage - 2010		Vintage - 2011		Vintage - 2012		Vintage - 2013		Vintage - 2014		Vintage - 2015		Σ All Vintages	
		MWH	Additions	Recoverable	Additions	Recoverable	Additions	Recoverable	Additions	Recoverable	Additions	Recoverable	Additions	Recoverable	Additions	Recoverable	Additions
Jan-09	NA																
Feb-09	NA																
Mar-09	NA																
Apr-09	NA																
May-09	NA																
Jun-09	NA																
Jul-09	NA																
Aug-09	NA																
Sep-09	NA																
Oct-09	NA																
Nov-09	NA																
Dec-09	NA																
Jan-10	NA																
Feb-10	NA																
Mar-10	NA																
Apr-10	NA																
May-10	NA																
Jun-10	NA																
Jul-10	NA																
Aug-10	NA																
Sep-10	NA																
Oct-10	NA																
Nov-10	NA																
Dec-10	NA																
Jan-11	NA																
Feb-11	NA																
Mar-11	NA																
Apr-11	NA																
May-11	NA																
Jun-11	NA					11,106.6	925.55									11,106.6	925.55
Jul-11	NA	11,106.63					925.55										925.55
Aug-11	NA						925.55										925.55
Sep-11	NA	(209.34)				(209.3)	908.11									(209.3)	908.11
Oct-11	NA	(137.93)				(137.9)	896.61									(137.9)	896.61
Nov-11	NA	(68.52)				(68.5)	890.90									(68.5)	890.90
Dec-11	NA	(59.88)				(59.9)	885.91									(59.9)	885.91
Jan-12	NA	(46.35)					885.91	(46.4)	(3.86)							(46.4)	882.1
Feb-12	NA	(60.8)					885.91	(60.8)	(8.93)							(60.8)	877.0
Mar-12	NA	(58.3)					885.91	(58.3)	(13.79)							(58.3)	872.1
Apr-12	NA	(56.1)					885.91	(56.1)	(18.46)							(56.1)	867.5
May-12	NA	(95.1)					885.91	(95.1)	(26.39)							(95.1)	859.5
Jun-12	NA						885.91		(26.39)								859.5
Jul-12	NA	(126.18)					885.91	(126.2)	(34.90)							(126.2)	849.0
Aug-12	NA	(5.77)					885.91	(5.8)	(37.39)							(5.8)	848.5
Sep-12	NA	(111.99)					885.91	(112.0)	(46.72)							(112.0)	839.2
Oct-12	NA	(53.89)					885.91	(53.9)	(51.21)							(53.9)	834.7
Nov-12	NA	(1.11)					885.91	(1.1)	(51.30)							(1.1)	834.6
Dec-12	NA	(108.44)					885.91	(108.4)	(60.34)							(108.4)	825.6
Jan-13	EA	6,252.40					885.91	(60.34)	6,252.4	521.03						6,252.4	1,346.6
Feb-13	EA						885.91	(60.34)		521.03							1,346.6
Mar-13	EA	(314.10)					885.91	(60.34)	(314.1)	494.86						(314.1)	1,320.4
Apr-13	EA	96.00					885.91	(60.34)	96.0	502.86						96.0	1,328.4
May-13	EA						885.91	(60.34)		502.86							1,328.4
Jun-13	EA	(2,853.00)					885.91	(60.34)	(2,853.0)	265.11						(2,853.0)	1,090.7
Jul-13	EA	(142.00)					885.91	(60.34)	(142.0)	253.28						(142.0)	1,078.9
Aug-13	EA	(5.00)					885.91	(60.34)	(5.0)	252.86						(5.0)	1,078.4
Sep-13	EA	(75.00)					885.91	(60.34)	(75.0)	246.61						(75.0)	1,072.2
Oct-13	EA	(71.00)					885.91	(60.34)	(71.0)	240.69						(71.0)	1,066.3
Nov-13	EA	(63.00)					885.91	(60.34)	(63.0)	235.44						(63.0)	1,061.0
Dec-13	EA	(2,975.00)					885.91	(60.34)	(2,975.0)	(12.48)						(2,975.0)	813.1
Jan-14	EA						885.91	(60.34)		(12.48)							813.1
Feb-14	EA						885.91	(60.34)		(12.48)							813.1
Mar-14	EA						885.91	(60.34)		(12.48)							813.1
Apr-14	EA						885.91	(60.34)		(12.48)							813.1
May-14	EA						885.91	(60.34)		(12.48)							813.1
Jun-14	EA						885.91	(60.34)		(12.48)							813.1
Jul-14	EA					(39.64)		(60.34)		(12.48)							(112.5)
Aug-14	EA					(39.64)		(60.34)		(12.48)							(112.5)
Sep-14	EA					(22.19)		(60.34)		(12.48)							(95.0)
Oct-14	EA					(10.70)		(60.34)		(12.48)							(83.5)
Nov-14	EA					(4.99)		(60.34)		(12.48)							(77.8)
Dec-14	EA							(60.34)		(12.48)							(72.8)
Jan-15	NA							(56.47)		(12.48)							(68.9)
Feb-15	NA							(51.47)		(12.48)							(63.9)
Mar-15	NA							(46.55)		(12.48)							(59.0)
Apr-15	NA							(41.88)		(12.48)							(54.4)
May-15	NA							(33.98)		(12.48)							(46.4)
Jun-15	NA							(33.95)		(12.48)							(46.4)
Jan-18	NA																
Feb-18	NA																
Mar-18	NA																
Apr-18	NA																
May-18	NA																
Jun-18	NA																
Jul-18	NA																
Aug-18	NA																
Sep-18	NA																
Oct-18	NA																
Nov-18	NA																
Dec-18	NA																
Jan-19	NA																
Feb-19	NA																
Mar-19	NA																
Apr-19	NA																
May-19	NA																
Jun-19	NA																
Jul-19	NA																
Aug-19	NA																
Sep-19	NA																
Oct-19	NA																
Nov-19	NA																
Dec-19	NA																
Jan-20	NA																
Feb-20	NA																
Mar-20	NA																
Sum of Additions x 3 & Rec						31,892.86	31,892.86	(2,172.15)	(2,172.15)	(449.10)	(449.10)					29,271.61	29,271.61

Duke Energy Progress, Inc.

Recoverable Sales Reductions from Energy Efficiency Programs (MMH) - Residential Benchmarking Program

Month	Allocation Factor (SC)	Vintage - 2009 (South Carolina)			Vintage - 2010 (South Carolina)			Vintage - 2011 (South Carolina)			Vintage - 2012 (South Carolina)			Vintage - 2013 (South Carolina)			Vintage - 2014 (South Carolina)			Vintage - 2015 (South Carolina)			Σ All Vintages (South Carolina)		
		Recoverable	Recovered	Over(Under) Recovery	Recoverable	Recovered	Over(Under) Recovery	Recoverable	Recovered	Over(Under) Recovery	Recoverable	Recovered	Over(Under) Recovery	Recoverable	Recovered	Over(Under) Recovery	Recoverable	Recovered	Over(Under) Recovery	Recoverable	Recovered	Over(Under) Recovery	Recoverable	Recovered	Over(Under) Recovery
Jan-09	15.19%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-09	15.19%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar-09	15.19%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr-09	15.19%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oct-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nov-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dec-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan-10	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-10	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar-10	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr-10	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oct-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nov-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dec-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan-11	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-11	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar-11	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr-11	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May-11	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun-11	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul-11	14.47%	-	-	-	-	-	-	133.93	-	(133.93)	-	-	-	-	-	-	-	-	-	-	-	-	133.93	-	(133.93)
Aug-11	14.47%	-	-	-	-	-	-	133.93	-	(267.85)	-	-	-	-	-	-	-	-	-	-	-	-	133.93	-	(267.85)
Sep-11	14.47%	-	-	-	-	-	-	131.40	-	(399.26)	-	-	-	-	-	-	-	-	-	-	-	-	131.40	-	(399.26)
Oct-11	14.47%	-	-	-	-	-	-	124.74	-	(523.00)	-	-	-	-	-	-	-	-	-	-	-	-	124.74	-	(523.00)
Nov-11	14.47%	-	-	-	-	-	-	128.91	-	(657.91)	-	-	-	-	-	-	-	-	-	-	-	-	128.91	-	(657.91)
Dec-11	14.47%	-	-	-	-	-	-	128.19	-	(786.10)	-	-	-	-	-	-	-	-	-	-	-	-	128.19	-	(786.10)
Jan-12	14.47%	-	-	-	-	-	-	128.19	-	(914.29)	-	(0.56)	-	-	-	-	-	-	-	-	-	-	127.63	-	(913.74)
Feb-12	14.47%	-	-	-	-	-	-	128.19	-	(1,042.49)	-	(1.29)	-	1.85	-	-	-	-	-	-	-	-	126.90	-	(1,040.64)
Mar-12	14.47%	-	-	-	-	-	-	128.19	-	1,520.38	-	340.68	-	1.99	-	2.86	-	-	-	-	-	-	126.20	-	1,520.36
Apr-12	14.47%	-	-	-	-	-	-	128.19	-	221.49	-	(2.67)	-	6.52	-	-	-	-	-	-	-	-	125.52	-	229.81
May-12	14.08%	-	-	-	-	-	-	124.74	-	96.75	-	(3.72)	-	10.23	-	-	-	-	-	-	-	-	121.02	-	106.99
Jun-12	14.08%	-	-	-	-	-	-	124.74	-	(27.98)	-	(3.72)	-	13.96	-	-	-	-	-	-	-	-	121.02	-	(14.03)
Jul-12	14.08%	-	-	-	-	-	-	124.74	-	(152.72)	-	(5.29)	-	18.14	-	-	-	-	-	-	-	-	119.54	-	(133.57)
Aug-12	14.08%	-	-	-	-	-	-	124.74	-	(277.45)	-	(5.29)	-	24.41	-	-	-	-	-	-	-	-	119.47	-	(253.95)
Sep-12	14.08%	-	-	-	-	-	-	124.74	-	(402.19)	-	(6.58)	-	30.99	-	-	-	-	-	-	-	-	118.16	-	(371.21)
Oct-12	14.08%	-	-	-	-	-	-	124.74	-	(526.93)	-	(7.21)	-	38.20	-	-	-	-	-	-	-	-	117.53	-	(488.73)
Nov-12	14.08%	-	-	-	-	-	-	124.74	-	(651.66)	-	(7.22)	-	45.42	-	-	-	-	-	-	-	-	117.51	-	(606.24)
Dec-12	14.08%	-	-	-	-	-	-	124.74	-	(776.40)	-	(8.59)	-	53.91	-	-	-	-	-	-	-	-	116.24	-	(722.16)
Jan-13	14.08%	-	-	-	-	-	-	124.74	-	(901.14)	-	(9.50)	-	62.41	-	73.36	-	-	-	-	-	-	189.60	-	(912.09)
Feb-13	14.08%	-	-	-	-	-	-	124.74	-	(1,025.87)	-	(8.50)	-	70.91	-	73.36	-	-	-	-	-	-	189.60	-	(1,101.69)
Mar-13	14.08%	-	-	-	-	-	-	124.74	-	1,948.43	-	797.82	-	(8.50)	-	90.78	-	170.00	-	-	-	-	185.92	-	2,039.21
Apr-13	13.94%	-	-	-	-	-	-	124.74	-	673.08	-	(8.50)	-	178.50	-	70.80	-	-	-	-	-	-	187.04	-	864.38
May-13	13.94%	-	-	-	-	-	-	123.50	-	549.99	-	(8.41)	-	186.91	-	70.10	-	-	-	-	-	-	186.18	-	379.19
Jun-13	13.94%	-	-	-	-	-	-	123.50	-	426.09	-	(8.41)	-	195.32	-	36.96	-	-	-	-	-	-	152.04	-	227.15
Jul-13	13.94%	-	-	-	-	-	-	123.50	-	302.59	-	(8.41)	-	203.73	-	38.31	-	-	-	-	-	-	150.39	-	76.76
Aug-13	13.94%	-	-	-	-	-	-	123.50	-	179.10	-	(8.41)	-	212.14	-	36.25	-	-	-	-	-	-	150.33	-	(73.57)
Sep-13	13.94%	-	-	-	-	-	-	123.50	-	55.60	-	(8.41)	-	222.55	-	34.38	-	-	-	-	-	-	140.46	-	(223.04)
Oct-13	13.94%	-	-	-	-	-	-	123.50	-	(67.89)	-	(8.41)	-	228.96	-	33.55	-	-	-	-	-	-	148.64	-	(371.67)
Nov-13	13.94%	-	-	-	-	-	-	123.50	-	(191.39)	-	(8.41)	-	237.37	-	32.82	-	-	-	-	-	-	147.91	-	(519.58)
Dec-13	13.94%	-	-	-	-	-	-	123.50	-	(314.89)	-	(8.41)	-	245.78	-	(1.74)	-	-	-	-	-	-	113.35	-	(832.92)
Jan-14	13.94%	-	-	-	-	-	-	123.50	-	(438.38)	-	(8.41)	-	254.19	-	(1.74)	-	-	-	-	-	-	113.35	-	(746.27)
Feb-14	13.94%	-	-	-	-	-	-	123.50	-	(561.88)	-	(8.41)	-	262.61	-	(1.74)	-	-	-	-	-	-	113.35	-	(659.62)
Mar-14	13.94%	-	-	-	-	-	-	123.50	-	685.38	-	0.00	-	(8.41)	-	(271.02)	-	0.00	-	-	-	-	113.35	-	972.96
Apr-14	13.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May-14	14.43%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun-14	14.43%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul-14	14.43%	-	-	-	-	-	-	-	-	(5.72)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug-14	14.43%	-	-	-	-	-	-	-	-	(5.72)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep-14	14.43%	-	-	-	-	-	-	-	-	(3.20)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oct-14	14.43%	-	-	-	-	-	-	-	-	(1.54)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nov-14	14.43%	-	-	-	-	-	-	-	-	(0.72)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dec-14	14.43%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan-15	14.43%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-15	14.43%	-	-	-	-																				

	Start Date	End Date	Source Documents for Recovered Lost MWHs	Vintage 2009 Recoveries			Vintage 2010 Recoveries			Vintage 2011 Recoveries			Vintage 2012 Recoveries			Vintage 2013 Recoveries			Vintage 2014 Recoveries			Vintage 2015 Recoveries			I Recovered Net Lost Revenue													
				MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery								
2009-191-E	Test Period Net Recoverie	Sep-07	to	Mar-09	Refer to Workpaper D-2 employed in Docket No. 2009-191-E	-	\$	-	-	\$	-	-	-	\$	-	-	-	\$	-	-	-	\$	-	-	-	\$	-	-										
2010-161-E	Test Period Net Recoverie	Apr-09	to	Mar-10	Refer to Workpaper D-3 employed in Docket No. 2010-161-E	-	\$	58.67	-	-	\$	58.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$	-										
<i>Vintage Amounts thru 2010-161-E</i>				Sum of Amounts from Prior Proceedings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
2011-181-E	Test Period Net Recoverie	Apr-10	to	Mar-11	Refer to Workpaper D-2B employed in Docket No. 2011-181-E	-	\$	58.39	-	-	\$	58.39	-	-	\$	58.39	-	-	-	-	-	-	-	-	-	-	\$	58.39										
<i>Vintage Amounts thru 2011-181-E</i>				Sum of Amounts from Current and Prior Proceedings	-	\$	58.39	-	-	\$	58.39	-	-	\$	58.39	-	-	-	-	-	-	-	-	-	-	-	-	\$	58.39									
2012-93-E	Test Period Net Recoverie	Apr-11	to	Mar-12	Refer to Workpaper D-2f employed in Docket No. 2012-93-E	-	\$	57.71	-	-	\$	57.71	-	1,520.36	\$	57.71	87,735.32	-	-	\$	57.71	-	-	-	\$	57.71	-	-	1,520.36	\$	57.71	87,735.32						
<i>Vintage Amounts thru 2012-93-E</i>				Sum of Amounts from Current and Prior Proceedings	-	-	-	-	1,520.36	87,735.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,520.36	87,735.32										
2013-76-E	Test Period Net Recoverie	Apr-12	to	Mar-13	Amounts from Current Test Period (April 2012 thru March 2013)	-	\$	59.15	-	-	\$	59.15	-	1,948.43	\$	59.15	115,240.17	90.78	\$	59.15	5,368.93	-	-	\$	59.15	-	-	\$	59.15	-	2,039.21	\$	59.15	120,609.10				
2013-76-E	Rate Period Forecast	Jul-13	to	Jun-14	Amounts Applicable to Rate Period (July 2013 thru June 2014)	-	\$	59.38	-	-	\$	59.38	-	1,111.47	\$	59.38	65,993.87	(75.70)	\$	59.38	(4,494.68)	164.35	\$	59.38	9,758.31	-	-	\$	59.38	-	-	\$	59.38	-	1,200.12	\$	59.38	71,257.49
<i>Vintage Amounts thru 2013-76-E</i>				Sum of Amounts from Current and Prior Proceedings	-	-	-	-	4,580.26	298,969.36	15.08	874.25	164.35	9,758.31	-	-	-	-	-	-	-	-	-	-	-	-	-	4,799.68	279,801.92									
2014-XX-E	Test Period Net Recoverie	Apr-13	to	Mar-14	Amounts from Current Test Period (April 2013 thru March 2014)	-	\$	57.84	-	-	\$	57.84	-	685.38	\$	57.84	39,641.28	(271.02)	\$	57.84	(15,675.29)	598.61	\$	57.84	32,309.06	-	-	\$	57.84	-	-	\$	57.84	-	972.96	\$	57.84	96,275.05
<i>Vintage Amounts thru 2013-76-E</i>				Sum of Amounts from Current and Prior Proceedings	-	-	-	-	4,580.26	298,969.36	15.08	874.25	164.35	9,758.31	-	-	-	-	-	-	-	-	-	-	-	-	-	4,799.68	279,801.92									
2014-XX-E	Rate Period Forecast	Jul-14	to	Jun-15	Amounts Applicable to Rate Period (July 2014 thru June 2015)	-	\$	57.71	-	-	\$	57.71	-	(16.91)	\$	57.71	(975.62)	(90.37)	\$	57.71	(5,214.65)	(21.60)	\$	57.71	(1,246.56)	-	-	\$	57.71	-	-	\$	57.71	-	(128.87)	\$	57.71	(7,436.83)

Residential New Construction Program

Duke Energy Progress, Inc.

Recoverable Sales Reductions from Energy Efficiency Programs (MWH): Residential New Construction Program

Notes	Additions	Vintage - 2009		Vintage - 2010		Vintage - 2011		Vintage - 2012		Vintage - 2013		Vintage - 2014		Vintage - 2014		Σ All Vintages	
		MWH	Additions	Recoverable	Additions	Recoverable	Additions	Recoverable	Additions	Recoverable	Additions	Recoverable	Additions	Recoverable	Additions	Recoverable	Additions
Jan-09	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-09	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar-09	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr-09	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May-09	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun-09	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul-09	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug-09	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep-09	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oct-09	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nov-09	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dec-09	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan-10	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-10	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar-10	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr-10	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May-10	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun-10	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul-10	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug-10	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep-10	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oct-10	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nov-10	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dec-10	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan-11	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-11	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar-11	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr-11	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May-11	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun-11	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul-11	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug-11	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep-11	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oct-11	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nov-11	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dec-11	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan-12	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-12	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar-12	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr-12	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May-12	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun-12	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul-12	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug-12	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep-12	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oct-12	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nov-12	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dec-12	Act	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan-13	Act	130.89	-	-	-	-	-	-	-	130.9	10.91	-	-	-	-	130.9	10.9
Feb-13	Act	30.01	-	-	-	-	-	-	-	30.0	13.41	-	-	-	-	30.0	13.4
Mar-13	Act	21.80	-	-	-	-	-	-	-	21.8	15.23	-	-	-	-	21.8	15.2
Apr-13	Act	46.28	-	-	-	-	-	-	-	46.3	19.08	-	-	-	-	46.3	19.1
May-13	Act	46.38	-	-	-	-	-	-	-	46.4	22.95	-	-	-	-	46.4	22.9
Jun-13	Act	85.21	-	-	-	-	-	-	-	85.2	30.05	-	-	-	-	85.2	30.0
Jul-13	Act	109.06	-	-	-	-	-	-	-	109.1	39.14	-	-	-	-	109.1	39.1
Aug-13	Act	181.51	-	-	-	-	-	-	-	181.5	54.26	-	-	-	-	181.5	54.3
Sep-13	Act	258.16	-	-	-	-	-	-	-	258.2	75.78	-	-	-	-	258.2	75.8
Oct-13	Act	174.12	-	-	-	-	-	-	-	174.1	90.29	-	-	-	-	174.1	90.3
Nov-13	Act	102.32	-	-	-	-	-	-	-	102.3	98.81	-	-	-	-	102.3	98.8
Dec-13	Act	14.93	-	-	-	-	-	-	-	14.9	100.06	-	-	-	-	14.9	100.1
Jan-14	Est	492.99	-	-	-	-	-	-	-	-	100.06	493.0	41.08	-	-	493.0	141.1
Feb-14	Est	492.99	-	-	-	-	-	-	-	-	100.06	493.0	82.17	-	-	493.0	182.2
Mar-14	Est	492.99	-	-	-	-	-	-	-	-	100.06	493.0	123.25	-	-	493.0	223.3
Apr-14	Est	492.99	-	-	-	-	-	-	-	-	100.06	493.0	164.33	-	-	493.0	264.4
May-14	Est	492.99	-	-	-	-	-	-	-	-	100.06	493.0	205.41	-	-	493.0	305.5
Jun-14	Est	492.99	-	-	-	-	-	-	-	-	100.06	493.0	246.50	-	-	493.0	346.6
Jul-14	Est	492.99	-	-	-	-	-	-	-	-	100.06	493.0	287.58	-	-	493.0	387.6
Aug-14	Est	492.99	-	-	-	-	-	-	-	-	100.06	493.0	328.66	-	-	493.0	428.7
Sep-14	Est	492.99	-	-	-	-	-	-	-	-	100.06	493.0	369.74	-	-	493.0	469.8
Oct-14	Est	492.99	-	-	-	-	-	-	-	-	100.06	493.0	410.83	-	-	493.0	510.9
Nov-14	Est	477.09	-	-	-	-	-	-	-	-	100.06	477.1	450.58	-	-	477.1	550.6
Dec-14	Est	478.33	-	-	-	-	-	-	-	-	100.06	478.3	490.44	-	-	478.3	590.5
Jan-15	Est	766.55	-	-	-	-	-	-	-	-	100.06	490.44	766.6	63.88	-	766.6	654.4
Feb-15	Est	766.55	-	-	-	-	-	-	-	-	100.06	490.44	766.6	127.76	-	766.6	718.3
Mar-15	Est	766.55	-	-	-	-	-	-	-	-	100.06	490.44	766.6	191.64	-	766.6	782.1
Apr-15	Est	766.55	-	-	-	-	-	-	-	-	100.06	490.44	766.6	255.52	-	766.6	846.0
May-15	Est	766.55	-	-	-	-	-	-	-	-	100.06	490.44	766.6	319.40	-	766.6	909.9
Jun-15	Est	766.55	-	-	-	-	-	-	-	-	100.06	490.44	766.6	383.28	-	766.6	973.8
Sum of Additions x 3 & Recoverat										3,602.09	3,602.09	17,656.01	17,656.01	27,393.80	27,393.80	48,651.89	48,651.89

Duke Energy Progress, Inc.

Recoverable Sales Reductions from Energy Efficiency Programs (MWH): Residential New Construction Program

Date	Allocation Factor (SC)	Vintage - 2009 (South Carolina)			Vintage - 2010 (South Carolina)			Vintage - 2011 (South Carolina)			Vintage - 2012 (South Carolina)			Vintage - 2013 (South Carolina)			Vintage - 2014 (South Carolina)			Vintage - 2015 (South Carolina)			Σ All Vintages (South Carolina)		
		Recoverable	Recovered	Over/(Under) Σ Recovery	Recoverable	Recovered	Over/(Under) Σ Recovery	Recoverable	Recovered	Over/(Under) Σ Recovery	Recoverable	Recovered	Over/(Under) Σ Recovery	Recoverable	Recovered	Over/(Under) Σ Recovery	Recoverable	Recovered	Over/(Under) Σ Recovery	Recoverable	Recovered	Over/(Under) Σ Recovery	Recoverable	Recovered	Over/(Under) Σ Recovery
Jan-09	15.19%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-09	15.19%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar-09	15.19%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr-09	15.19%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oct-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nov-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dec-09	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan-10	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-10	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar-10	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr-10	14.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oct-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nov-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dec-10	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan-11	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-11	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar-11	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr-11	14.59%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May-11	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun-11	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul-11	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug-11	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep-11	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oct-11	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nov-11	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dec-11	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan-12	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-12	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar-12	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr-12	14.47%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May-12	14.08%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun-12	14.08%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul-12	14.08%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aug-12	14.08%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sep-12	14.08%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oct-12	14.08%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nov-12	14.08%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dec-12	14.08%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan-13	14.08%	-	-	-	-	-	-	-	-	1.54	-	(1.54)	-	-	-	-	-	-	-	-	-	1.54	-	(1.54)	-
Feb-13	14.08%	-	-	-	-	-	-	-	-	1.89	-	(3.42)	-	-	-	-	-	-	-	-	-	1.89	-	(3.42)	-
Mar-13	14.08%	-	-	-	-	-	-	-	-	2.14	0.49	(5.07)	-	-	-	-	-	-	-	-	-	2.14	0.49	(5.07)	-
Apr-13	14.08%	-	-	-	-	-	-	-	-	2.69	-	(7.76)	-	-	-	-	-	-	-	-	-	2.69	-	(7.76)	-
May-13	13.94%	-	-	-	-	-	-	-	-	3.20	-	(10.96)	-	-	-	-	-	-	-	-	-	3.20	-	(10.96)	-
Jun-13	13.94%	-	-	-	-	-	-	-	-	4.19	-	(15.15)	-	-	-	-	-	-	-	-	-	4.19	-	(15.15)	-
Jul-13	13.94%	-	-	-	-	-	-	-	-	5.46	-	(20.80)	-	-	-	-	-	-	-	-	-	5.46	-	(20.80)	-
Aug-13	13.94%	-	-	-	-	-	-	-	-	7.56	-	(28.17)	-	-	-	-	-	-	-	-	-	7.56	-	(28.17)	-
Sep-13	13.94%	-	-	-	-	-	-	-	-	10.56	-	(38.73)	-	-	-	-	-	-	-	-	-	10.56	-	(38.73)	-
Oct-13	13.94%	-	-	-	-	-	-	-	-	12.59	-	(51.32)	-	-	-	-	-	-	-	-	-	12.59	-	(51.32)	-
Nov-13	13.94%	-	-	-	-	-	-	-	-	13.77	-	(65.09)	-	-	-	-	-	-	-	-	-	13.77	-	(65.09)	-
Dec-13	13.94%	-	-	-	-	-	-	-	-	13.95	-	(79.04)	-	-	-	-	-	-	-	-	-	13.95	-	(79.04)	-
Jan-14	13.94%	-	-	-	-	-	-	-	-	13.95	-	(92.99)	5.73	-	(5.73)	-	-	-	-	-	-	19.67	-	(98.72)	-
Feb-14	13.94%	-	-	-	-	-	-	-	-	13.95	-	(106.94)	11.45	-	(17.18)	-	-	-	-	-	-	25.40	-	(124.12)	-
Mar-14	13.94%	-	-	-	-	-	-	-	-	13.95	120.89	0.00	17.18	34.36	0.00	-	-	-	-	-	-	31.13	155.25	0.00	-
Apr-14	13.94%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May-14	14.43%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jun-14	14.43%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jul-14	14.43%	-	-	-	-	-	-	-	-	14.44	-	-	41.50	-	-	-	-	-	-	-	-	-	-	55.94	-
Aug-14	14.43%	-	-	-	-	-	-	-	-	14.44	-	-	47.43	-	-	-	-	-	-	-	-	-	-	61.86	-
Sep-14	14.43%	-	-	-	-	-	-	-	-	14.44	-	-	53.35	-	-	-	-	-	-	-	-	-	-	67.79	-
Oct-14	14.43%	-	-	-	-	-	-	-	-	14.44	-	-	59.28	-	-	-	-	-	-	-	-	-	-	73.72	-
Nov-14	14.43%	-	-	-	-	-	-	-	-	14.44	-	-	65.02	-	-	-	-	-	-	-	-	-	-	79.46	-
Dec-14	14.43%	-	-	-	-	-	-	-	-	14.44	-	-	70.77	-	-	-	-	-	-	-	-	-	-	85.21	-
Jan-15	14.43%	-	-	-	-	-	-	-	-	14.44	-	-	70.77	-	-	9.22	-	-	-	-	-	-	-	94.43	-
Feb-15	14.43%	-	-	-	-	-	-	-	-	14.44	-	-	70.77	-	-	18.44	-	-	-	-	-	-	-	103.65	-
Mar-15	14.43%	-	-	-	-	-	-	-	-	14.44	-	-	70.77	-	-	27.65	-	-	-	-	-	-	-	112.86	-
Apr-15	14.43%	-	-	-	-	-	-	-	-	14.44	-	-	70.77	-	-	36.87	-	-	-	-	-	-	-	122.08	-
May-15	14.43%	-	-	-	-	-	-	-	-	14.44	-	-	70.77	-	-	46.09	-	-	-	-	-	-	-	131.30	-
Jun-15	14.43%	-	-	-	-	-	-	-	-	14															

	Start Date	End Date	Source Documents for Recovered Lost MWHs	Vintage 2009 Recoveries			Vintage 2010 Recoveries			Vintage 2011 Recoveries			Vintage 2012 Recoveries			Vintage 2013 Recoveries			Vintage 2014 Recoveries			Vintage 2015 Recoveries			1 Recovered Net Lost Revenue											
				MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery						
2009-191-E	Test Period Net Recover	Sep-07	to	Mar-09	Not Applicable	-	\$	-	-	\$	-	-	\$	-	-	\$	-	-	\$	-	-	\$	-	-	\$	-	-	\$	-	-						
2010-161-E	Test Period Net Recover	Apr-09	to	Mar-10	Not Applicable	-	\$	58.67	-	-	\$	58.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$	58.67	-				
<i>Vintage Amounts thru 2010-161-E</i>				Sum of Amounts from Prior Proceedings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2011-181-E	Test Period Net Recover	Apr-10	to	Mar-11	Not Applicable	-	\$	58.39	-	-	\$	58.39	-	-	\$	58.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$	58.39	-		
<i>Vintage Amounts thru 2011-181-E</i>				Sum of Amounts from Current and Prior Proceedings	-	\$	58.39	-	-	\$	58.39	-	-	\$	58.39	-	-	\$	58.39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$	58.39	-
2012-93-E	Test Period Net Recover	Apr-11	to	Mar-12	Not Applicable	-	\$	57.71	-	-	\$	57.71	-	-	\$	57.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$	57.71	-	
<i>Vintage Amounts thru 2012-93-E</i>				Sum of Amounts from Current and Prior Proceedings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2013-76-E	Test Period Net Recover	Apr-12	to	Mar-13	Amounts from Current Test Period (April 2012 thru March 2013)	-	\$	59.15	-	-	\$	59.15	-	-	\$	59.15	-	-	0.49	\$	59.15	29.13	-	\$	59.15	-	-	\$	59.15	-	-	0.49	\$	59.15	\$	29.13
2013-76-E	Rate Period Forecast	Jul-13	to	Jun-14	Amounts Applicable to Rate Period (July 2013 thru June 2014)	-	\$	59.38	-	-	\$	59.38	-	-	\$	59.38	-	-	105.74	\$	59.38	6,278.13	34.36	\$	59.38	2,040.23	-	\$	59.38	-	140.10	\$	59.38	\$	8,318.37	
<i>Vintage Amounts thru 2013-76-E</i>				Sum of Amounts from Current and Prior Proceedings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	106.23	\$	59.38	6,307.26	34.36	\$	59.38	2,040.23	-	\$	59.38	-	140.59	\$	59.38	\$	8,347.50	
2014-XX-E	Test Period Net Recover	Apr-13	to	Mar-14	Amounts from Current Test Period (April 2013 thru March 2014)	-	\$	57.84	-	-	\$	57.84	-	-	\$	57.84	-	-	120.89	\$	57.84	6,991.86	34.36	\$	57.84	1,987.43	-	\$	57.84	-	155.25	\$	57.84	\$	8,979.29	
<i>Vintage Amounts thru 2014-XX-E</i>				Sum of Amounts from Current and Prior Proceedings	-	\$	57.84	-	-	\$	57.84	-	-	\$	57.84	-	-	\$	57.84	120.89	\$	57.84	6,991.86	34.36	\$	57.84	1,987.43	-	\$	57.84	-	155.25	\$	57.84	\$	8,979.29
2014-XX-E	Rate Period Forecast	Jul-14	to	Jun-15	Amounts Applicable to Rate Period (July 2014 thru June 2015)	-	\$	57.71	-	-	\$	57.71	-	-	\$	57.71	-	-	173.26	\$	57.71	9,998.22	761.98	\$	57.71	43,970.89	193.57	\$	57.71	11,170.41	1,128.81	\$	57.71	\$	65,139.51	

Duke Energy Progress, Inc.

		Vintage - 2009			Vintage - 2010			Vintage - 2011			Vintage - 2012			Vintage - 2013			Vintage - 2014			Vintage - 2015			Σ All Vintages		
Notes		Additions	Vintage MWH	Recoverable	Additions	Vintage MWH	Recoverable	Additions	Vintage MWH	Recoverable	Additions	Vintage MWH	Recoverable	Additions	Vintage MWH	Recoverable	Additions	Vintage MWH	Recoverable	Additions	Vintage MWH	Recoverable	Vintage MWH	Recoverable	
Jan-09	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Feb-09	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mar-09	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr-09	VAct	765.4	765.4	63.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	765.4	63.8	
May-09	VAct	930.9	930.9	141.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	930.9	141.4	
Jun-09	VAct	765.2	765.2	205.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	765.2	205.1	
Jul-09	VAct	2,335.9	2,335.9	399.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,335.9	399.8	
Aug-09	VAct	1,384.5	1,384.5	515.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,384.5	515.2	
Sep-09	VAct	2,518.4	2,518.4	725.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,518.4	725.0	
Oct-09	VAct	2,885.7	2,885.7	965.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,885.7	965.5	
Nov-09	VAct	590.9	590.9	1,014.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	590.9	1,014.7	
Dec-09	VAct	214.0	214.0	1,032.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	214.0	1,032.6	
Jan-10	VAct	9,122.4	-	1,032.6	9,122.4	760.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,122.4	1,792.8		
Feb-10	VAct	3,690.0	-	1,032.6	3,690.0	1,067.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,690.0	2,100.3		
Mar-10	VAct	1,853.2	-	1,032.6	1,853.2	1,222.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,853.2	2,254.7		
Apr-10	VAct	1,384.2	-	1,032.6	1,384.2	1,337.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,384.2	2,370.1		
May-10	VAct	1,720.9	-	1,032.6	1,720.9	1,480.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,720.9	2,513.5		
Jun-10	VAct	2,683.7	-	1,032.6	2,683.7	1,704.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,683.7	2,737.1		
Jul-10	VAct	3,411.5	-	1,032.6	3,411.5	1,988.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,411.5	3,021.4		
Aug-10	VAct	3,408.4	-	1,032.6	3,408.4	2,272.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,408.4	3,305.4		
Sep-10	VAct	3,172.0	-	1,032.6	3,172.0	2,537.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,172.0	3,569.8		
Oct-10	VAct	2,239.0	-	1,032.6	2,239.0	2,723.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,239.0	3,756.3		
Nov-10	VAct	65.3	-	1,032.6	65.3	2,729.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65.3	3,761.8		
Dec-10	VAct	7.7	-	1,032.6	7.7	2,729.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.7	3,762.4		
Jan-11	VAct	3,068.7	-	1,032.6	-	2,729.8	3,068.7	255.7	-	-	-	-	-	-	-	-	-	-	-	-	-	3,068.7	4,018.2		
Feb-11	VAct	4,689.5	-	1,032.6	-	2,729.8	4,689.5	646.5	-	-	-	-	-	-	-	-	-	-	-	-	-	4,689.5	4,408.9		
Mar-11	VAct	4,434.4	-	1,032.6	-	2,729.8	4,434.4	1,016.0	-	-	-	-	-	-	-	-	-	-	-	-	-	4,434.4	4,778.5		
Apr-11	VAct	5,473.6	-	1,032.6	-	2,729.8	5,473.6	1,472.2	-	-	-	-	-	-	-	-	-	-	-	-	-	5,473.6	5,234.6		
May-11	VAct	1,531.6	-	1,032.6	-	2,729.8	1,531.6	1,599.8	-	-	-	-	-	-	-	-	-	-	-	-	-	1,531.6	5,362.2		
Jun-11	VAct	3,585.1	-	1,032.6	-	2,729.8	3,585.1	1,898.6	-	-	-	-	-	-	-	-	-	-	-	-	-	3,585.1	5,661.0		
Jul-11	VAct	2,334.4	-	1,032.6	-	2,729.8	2,334.4	2,093.1	-	-	-	-	-	-	-	-	-	-	-	-	-	2,334.4	5,855.5		
Aug-11	VAct	2,536.2	-	1,032.6	-	2,729.8	2,536.2	2,304.5	-	-	-	-	-	-	-	-	-	-	-	-	-	2,536.2	6,066.9		
Sep-11	VAct	4,796.3	-	1,032.6	-	2,729.8	4,796.3	2,704.1	-	-	-	-	-	-	-	-	-	-	-	-	-	4,796.3	6,466.6		
Oct-11	VAct	3,138.1	-	1,032.6	-	2,729.8	3,138.1	2,965.7	-	-	-	-	-	-	-	-	-	-	-	-	-	3,138.1	6,728.1		
Nov-11	VAct	3,709.9	-	1,032.6	-	2,729.8	3,709.9	3,274.8	-	-	-	-	-	-	-	-	-	-	-	-	-	3,709.9	7,037.2		
Dec-11	VAct	2,103.3	-	1,032.6	-	2,729.8	2,103.3	3,450.1	-	-	-	-	-	-	-	-	-	-	-	-	-	2,103.3	7,212.5		
Jan-12	VAct	13,502.1	-	1,032.6	-	2,729.8	3,450.1	13,502.1	1,125.2	-	-	-	-	-	-	-	-	-	-	-	-	13,502.1	8,337.7		
Feb-12	VAct	2,982.9	-	1,032.6	-	2,729.8	3,450.1	2,982.9	1,373.7	-	-	-	-	-	-	-	-	-	-	-	-	2,982.9	8,586.3		
Mar-12	VAct	3,129.0	-	1,032.6	-	2,729.8	3,450.1	3,129.0	1,634.5	-	-	-	-	-	-	-	-	-	-	-	-	3,129.0	8,847.0		
Apr-12	VAct	2,288.6	-	968.8	-	2,729.8	3,450.1	2,288.6	1,825.2	-	-	-	-	-	-	-	-	-	-	-	-	2,288.6	8,973.9		
May-12	VAct	1,884.5	-	891.2	-	2,729.8	3,450.1	1,884.5	1,982.2	-	-	-	-	-	-	-	-	-	-	-	-	1,884.5	9,053.4		
Jun-12	VAct	2,461.5	-	827.4	-	2,729.8	3,450.1	2,461.5	2,187.4	-	-	-	-	-	-	-	-	-	-	-	-	2,461.5	9,194.8		
Jul-12	VAct	4,570.2	-	632.8	-	2,729.8	3,450.1	4,570.2	2,568.2	-	-	-	-	-	-	-	-	-	-	-	-	4,570.2	9,381.0		
Aug-12	VAct	2,601.8	-	517.4	-	2,729.8	3,450.1	2,601.8	2,785.0	-	-	-	-	-	-	-	-	-	-	-	-	2,601.8	9,482.4		
Sep-12	VAct	3,753.2	-	307.6	-	2,729.8	3,450.1	3,753.2	3,097.8	-	-	-	-	-	-	-	-	-	-	-	-	3,753.2	9,585.3		
Oct-12	VAct	3,942.3	-	67.1	-	2,729.8	3,450.1	3,942.3	3,426.3	-	-	-	-	-	-	-	-	-	-	-	-	3,942.3	9,673.4		
Nov-12	VAct	2,838.8	-	17.8	-	2,729.8	3,450.1	2,838.8	3,662.9	-	-	-	-	-	-	-	-	-	-	-	-	2,838.8	9,860.7		
Dec-12	VAct	2,113.0	-	-	-	2,729.8	3,450.1	2,113.0	3,839.0	-	-	-	-	-	-	-	-	-	-	-	-	2,113.0	10,018.9		
Jan-13	Act	19,128.4	-	-	-	1,969.6	3,450.1	-	3,839.0	19,128.4	1,594.0	-	-	-	-	-	-	-	-	-	-	19,128.4	10,852.8		
Feb-13	Act	4,224.9	-	-	-	1,662.2	3,450.1	-	3,839.0	4,224.9	1,946.1	-	-	-	-	-	-	-	-	-	-	4,224.9	10,897.3		
Mar-13	Act	4,431.8	-	-	-	1,507.7	3,450.1	-	3,839.0	4,431.8	2,315.4	-	-	-	-	-	-	-	-	-	-	4,431.8	11,112.2		
Apr-13	Act	3,241.5	-	-	-	1,392.4	3,450.1	-	3,839.0	3,241.5	2,585.5	-	-	-	-	-	-	-	-	-	-	3,241.5	11,267.0		
May-13	Act	2,669.2	-	-	-	1,249.0	3,450.1	-	3,839.0	2,669.2	2,808.0	-	-	-	-	-	-	-	-	-	-	2,669.2	11,346.0		
Jun-13	Act	3,486.5	-	-	-	1,025.3	3,450.1	-	3,839.0	3,486.5	3,098.5	-	-	-	-	-	-	-	-	-	-	3,486.5	11,412.9		
Jul-13	Act	6,473.1	-	-	-	741.0	3,450.1	-	3,839.0	6,473.1	3,637.9	-	-	-	-	-	-	-	-	-	-	6,473.1	11,668.1		
Aug-13	Act	3,685.2	-	-	-	457.0	3,450.1	-	3,839.0	3,685.2	3,945.0	-	-	-	-	-	-	-	-	-	-	3,685.2	11,695.8		
Sep-13	Act	5,316.0	-	-	-	192.7	3,450.1	-	3,839.0	5,316.0	4,388.0	-	-	-	-	-	-	-	-	-	-	5,316.0	11,869.8		
Oct-13	Act	5,583.8	-	-	-	6.1	3,450.1	-	3,839.0	5,583.8	4,853.4	-	-	-	-	-	-	-	-	-	-	5,583.8	12,148.5		
Nov-13	Act	4,020.8	-	-	-	0.6	3,450.1	-	3,839.0	4,020.8	5,188.4	-	-	-	-	-	-	-	-	-	-	4,020.8	12,478.1		
Dec-13	Act	2,992.8	-	-	-	-	3,450.1	-	3,839.0	2,992.8	5,437.8	-	-	-	-	-	-	-	-	-	-	2,992.8	12,726.9		
Jan-14	Est	20,653.9	-	-	-	-	3,194.4	-	3,839.0	-	5,437.8	20,653.9	1,721.2	-	-	-	-	-	-	-	-	20,653.9	14,192.3		
Feb-14	Est	4,562.9	-	-	-	-	2,803.6	-	3,839.0	-	5,437.8	4,562.9	2,101.4	-	-	-	-	-	-	-	-	4,562.9	14,181.8		
Mar-14	Est	4,786.3	-	-	-	-	2,434.0	-	3,839.0	-	5,437.8	4,786.3	2,500.3	-	-	-	-	-	-	-	-	4,786.3	14,211.1		
Apr-14	Est	3,500.8	-	-	-	-	1,977.9	-	3,839.0	-	5,437.8	3,500.8	2,792.0	-	-	-	-	-	-	-	-	3,500.8	14,046.7		
May-14	Est	2,882.7	-	-	-	-	1,850.3	-	3,839.0	-	5,437.8	2,882.7	3,032.2	-	-	-	-	-	-	-	-	2,882.7	14,159.3		
Jun-14	Est	3,765.4	-	-	-	-	1,551.5	-	3,839.0	-	5,437.8	3,765.4	3,346.0	-	-	-	-	-	-	-	-	3,765.4	14,174.3		
Jul-14	Est	6,991.0	-	-	-	-	1,357.0	-	3,839.0	-	5,437.8	6,991.0	3,928.6	-	-	-	-	-	-	-	-	6,99			





CIG Energy Efficiency Program

	Start Date	End Date	Source Documents for Recovered Lost MWHs	Vintage 2009 Recoveries			Vintage 2010 Recoveries			Vintage 2011 Recoveries			Vintage 2012 Recoveries			Vintage 2013 Recoveries			Vintage 2014 Recoveries			Vintage 2015 Recoveries			E Recovered Net Lost Revenue												
				MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery										
2009-191-E	Test Period Net Recover	Sep-07	to	Mar-09	Refer to Workpaper D-2 employed in Docket No. 2009-191-E	-	\$	-	-	\$	-	-	-	\$	-	-	-	\$	-	-	-	\$	-	-	-	\$	-	-									
2010-161-E	Test Period Net Recover	Apr-09	to	Mar-10	Refer to Workpaper D-3 employed in Docket No. 2010-161-E	1,272.41	\$	52.26	66,499.80	239.76	\$	52.26	12,530.74	-	-	-	-	-	-	-	-	-	-	-	-	-	1,512.17	\$	52.26	79,030.54							
<i>Vintage Amounts thru 2010-161-E</i>						1,272.41		66,499.80	239.76		12,530.74	-	-	-	-	-	-	-	-	-	-	-	-	-	1,512.17		79,030.54										
2011-181-E	Test Period Net Recover	Apr-10	to	Mar-11	Refer to Workpaper D-2B employed in Docket No. 2011-181-E	2,002.56	\$	52.05	104,240.34	3,629.97	\$	52.05	188,953.90	279.89	\$	52.05	14,569.30	-	-	-	-	-	-	-	-	-	5,912.42	\$	52.05	307,763.54							
<i>Vintage Amounts thru 2011-181-E</i>						3,274.95	\$	52.05	170,740.14	3,869.73	\$	52.05	201,484.64	279.89	\$	52.05	14,569.30	-	-	-	-	-	-	-	-	-	7,424.59	\$	52.05	386,794.08							
2012-93-E	Test Period Net Recover	Apr-11	to	Mar-12	Refer to Workpaper D-2h employed in Docket No. 2012-93-E	1,550.07	\$	51.76	80,231.89	5,374.58	\$	51.76	278,189.45	4,648.53	\$	51.76	240,608.69	272.40	\$	51.76	14,099.37	-	-	-	-	-	11,845.58	\$	51.76	613,129.40							
<i>Vintage Amounts thru 2012-93-E</i>						4,825.02		250,972.03	9,244.31		479,674.09	4,928.42		255,177.99	272.40		14,099.37	-	-	-	-	-	-	-	-	19,270.17		999,923.48									
2013-76-E	Test Period Net Recover	Apr-12	to	Mar-13	Amounts from Current Test Period (April 2012 thru March 2013)	599.38	\$	53.10	31,829.95	4,193.56	\$	53.10	222,697.41	5,842.72	\$	53.10	310,275.98	5,465.50	\$	53.10	290,243.82	294.62	\$	53.10	15,645.91	-	\$	53.10	-	16,385.79	\$	53.10	870,693.07				
2013-76-E	Rate Period Forecast	Jul-13	to	Jun-14	Amounts Applicable to Rate Period (July 2013 thru June 2014)	-	\$	53.34	-	194.80	\$	53.34	10,389.72	4,061.07	\$	53.34	216,597.67	4,816.40	\$	53.34	256,883.45	6,100.71	\$	53.34	325,382.18	881.40	\$	53.34	47,009.63	-	\$	53.34	-	16,054.39	\$	53.34	856,262.65





	Start Date	End Date	Source Documents for Recovered Lost MWHs	Vintage 2009 Recoveries			Vintage 2010 Recoveries			Vintage 2011 Recoveries			Vintage 2012 Recoveries			Vintage 2013 Recoveries			Vintage 2014 Recoveries			Vintage 2015 Recoveries			1 Recovered Net Lost Revenue						
				MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	
2009-191-E	Test Period Net Recover	Sep-07	to	Mar-09	Refer to Workpaper D-2 employed in Docket No. 2009-191-E	-	\$ -	-	-	\$ -	-	-	-	\$ -	-	-	\$ -	-	-	-	\$ -	-	-	-	\$ -	-	-	-	\$ -	-	-
2010-161-E	Test Period Net Recover	Apr-09	to	Mar-10	Refer to Workpaper D-3 employed in Docket No. 2010-161-E	-	\$ 52.26	-	-	\$ 52.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Vintage Amounts thru 2010-161-E</i>				Sum of Amounts from Prior Proceedings																											
2011-181-E	Test Period Net Recover	Apr-10	to	Mar-11	Refer to Workpaper D-2B employed in Docket No. 2011-181-E	-	\$ 52.05	-	-	\$ 52.05	-	-	\$ 52.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<i>Vintage Amounts thru 2011-181-E</i>				Sum of Amounts from Current and Prior Proceedings																											
2012-93-E	Test Period Net Recover	Apr-11	to	Mar-12	Refer to Workpaper D-2i employed in Docket No. 2012-93-1	-	\$ 51.76	-	-	\$ 51.76	-	-	\$ 51.76	-	-	-	\$ 51.76	-	-	-	\$ 51.76	-	-	-	\$ 51.76	-	-	-	-	-	
<i>Vintage Amounts thru 2012-93-E</i>				Sum of Amounts from Current and Prior Proceedings																											
2013-76-E	Test Period Net Recover	Apr-12	to	Mar-13	Amounts from Current Test Period (April 2012 thru March 2013)	-	\$ 53.10	-	-	\$ 53.10	-	-	\$ 53.10	-	-	\$ 53.10	-	0.49	\$ 53.10	26.15	-	\$ 53.10	-	-	\$ 53.10	-	-	0.49	\$ 53.10	26.15	
<i>Vintage Amounts thru 2013-76-E</i>				Amounts Applicable to Rate Period (July 2013 thru June 2014)																											
2013-76-E	Rate Period Forecast	Jul-13	to	Jun-14	Amounts from Current Test Period (April 2012 thru March 2013)	-	\$ 53.34	-	-	\$ 53.34	-	-	\$ 53.34	-	-	\$ 53.34	-	370.04	\$ 53.34	19,736.15	33.96	\$ 53.34	1,789.92	-	\$ 53.34	-	403.60	\$ 53.34	21,526.06		
<i>Vintage Amounts thru 2013-76-E</i>				Sum of Amounts from Current and Prior Proceedings																											
2014-XX-E	Test Period Net Recover	Apr-13	to	Mar-14	Amounts from Current Test Period (April 2013 thru March 2014)	-	(W/P D-3) \$ 52.07	-	-	(W/P D-3) \$ 52.07	-	-	(W/P D-3) \$ 52.07	-	-	(W/P D-3) \$ 52.07	-	370.53	\$ 52.07	19,762.30	33.96	(W/P D-3) \$ 52.07	1,789.92	-	(W/P D-3) \$ 52.07	-	404.09	(W/P D-3) \$ 52.07	21,552.22		
<i>Vintage Amounts thru 2014-XX-E</i>				Amounts Applicable to Rate Period (July 2014 thru June 2015)																											
2014-XX-E	Rate Period Forecast	Jul-14	to	Jun-15	Amounts from Current Test Period (April 2013 thru March 2014)	-	\$ 51.94	-	-	\$ 51.94	-	-	\$ 51.94	-	-	\$ 51.94	-	641.70	\$ 51.94	33,330.37	757.83	\$ 51.94	39,362.34	134.30	\$ 51.94	6,975.66	1,533.84	\$ 51.94	79,668.37		





	Start Date	End Date	Source Documents for Recovered Lost MWHs	Vintage 2009 Recoveries			Vintage 2010 Recoveries			Vintage 2011 Recoveries			Vintage 2012 Recoveries			Vintage 2013 Recoveries			Vintage 2014 Recoveries			Vintage 2015 Recoveries			I Recovered Net Lost Revenue												
				MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery	MWH	Rate								
2009-191-E	Test Period Net Recover	Sep-07	to	Mar-09	Not Applicable	-	\$	-	-	\$	-	-	\$	-	-	\$	-	-	\$	-	-	\$	-	-	\$	-	-	\$	-	-							
2010-161-E	Test Period Net Recover	Apr-09	to	Mar-10	Not Applicable	-	\$	52.26	-	-	\$	52.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
<i>Vintage Amounts thru 2010-161-E</i>				Sum of Amounts from Prior Proceedings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
2011-181-E	Test Period Net Recover	Apr-10	to	Mar-11	Not Applicable	-	\$	52.05	-	-	\$	52.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
<i>Vintage Amounts thru 2011-181-E</i>				Sum of Amounts from Current and Prior Proceedings	-	\$	52.05	-	-	\$	52.05	-	-	\$	52.05	-	-	\$	52.05	-	-	\$	52.05	-	-	\$	52.05	-	-	-	-						
2012-93-E	Test Period Net Recover	Apr-11	to	Mar-12	Not Applicable	-	\$	51.76	-	-	\$	51.76	-	-	\$	51.76	-	-	\$	51.76	-	-	\$	51.76	-	-	\$	51.76	-	-							
<i>Vintage Amounts thru 2012-93-E</i>				Sum of Amounts from Current and Prior Proceedings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
2013-76-E	Test Period Net Recover	Apr-12	to	Mar-13	Amounts from Current Test Period (April 2012 thru March 2013)	-	\$	53.10	-	12,491.69	\$	53.10	663,367.17	7,812.95	\$	53.10	414,904.06	2,839.32	\$	53.10	150,781.00	162.68	\$	53.10	8,638.88	-	\$	53.10	-	-	23,306.63	\$	53.10	1,237,691.11			
2013-76-E	Rate Period Forecast	Jul-13	to	Jun-14	Amounts Applicable to Rate Period (July 2013 thru June 2014)	-	\$	53.34	-	266.83	\$	53.34	14,221.19	3,105.17	\$	53.34	165,614.66	4,181.25	\$	53.34	223,007.25	4,363.09	\$	53.34	232,705.69	150.17	\$	53.34	8,009.12	-	\$	53.34	-	12,068.49	\$	53.34	643,567.91
<i>Vintage Amounts thru 2013-76-E</i>				Sum of Amounts from Current and Prior Proceedings	-	-	12,758.52	-	12,758.52	677,598.36	10,918.12	590,518.72	7,020.96	373,788.26	4,525.76	241,344.57	150.17	8,009.12	-	35,373.13	1,881,259.02	To W/P D-2															
2014-XX-E	Test Period Net Recover	Apr-13	to	Mar-14	Amounts from Current Test Period (April 2013 thru March 2014)	-	\$	52.07	-	923.04	\$	52.07	48,065.69	4,220.53	\$	52.07	219,775.80	7,050.30	\$	52.07	367,130.95	5,145.82	\$	52.07	267,958.77	150.17	\$	52.07	7,819.61	-	\$	52.07	-	17,489.85	\$	52.07	910,750.72
2014-XX-E	Rate Period Forecast	Jul-14	to	Jun-15	Amounts Applicable to Rate Period (July 2014 thru June 2015)	-	\$	51.94	-	-	\$	51.94	467.28	\$	51.94	24,270.79	5,037.63	\$	51.94	261,657.28	7,243.11	\$	51.94	376,211.32	3,210.66	\$	51.94	166,763.81	417.35	\$	51.94	21,677.47	16,376.03	\$	51.94	850,580.66	

## DUKE ENERGY PROGRESS, INC.

### Calculation of Net Lost Revenue Rates

<b>Base Revenue Determination</b>		Residential	Commercial
1	Revenues (\$000s) <sup>1</sup>	\$ 201,342	\$ 143,723
2	Customer Charge Revenues (\$000s)	10,682	3,706
3	Revenues Net of Customer Charge	\$ 190,660	\$ 140,017
4	GRT in Rates	572	420
5	Revenues Net of Cust Chge & GRT	\$ 190,088	\$ 139,597
6	Uncollectible Rates	0.6696%	0.0439%
7	Uncollectible Portion of Rates	\$ 1,273	\$ 61
8	Net Revenues	\$ 188,815	\$ 139,535
9	Fuel Revenue (\$000s)	59,770	47,266
10	Adjusted Net Margin	\$ 129,045	\$ 92,269
11	Sales (MWHs)	2,122,233	1,676,387
12	Adjusted Base Revenue per MWh (\$)	\$ 60.81	\$ 55.04
<b>Net Lost Revenue Rate for Test Period</b>			
13	Adjusted Base Revenue per MWh (\$)	\$ 60.81	\$ 55.04
14	2013 Rate Variable O&M Rate per MWh	3.00	3.00
15	Months in 2013 Calendar Period	9.0	9.0
16	Product of 2013 Months X VOM Rate	27.00	27.00
17	2014 Rate Variable O&M Rate per MWh	2.87	2.87
18	Months in 2014 Calendar Period	3.0	3.0
19	Product of 2014 Months X VOM Rate	8.610	8.610
20	Weighted Variable O&M Rate per MWh	\$ 2.97	\$ 2.97
21	Net per MWh Rate for Test Period Calculations	\$ 57.84	\$ 52.07
<b>Net Lost Revenue Rate for Rate Period</b>			
22	Adjusted Base Revenue per MWh (\$)	\$ 60.81	\$ 55.04
23	2014 Rate Variable O&M Rate per MWh	2.87	2.87
24	Months in 2014 Calendar Period	6.0	6.0
25	Product of 2014 Months X VOM Rate	17.22	17.22
26	2015 Rate Variable O&M Rate per MWh	3.33	3.33
27	Months in 2015 Calendar Period	6.0	6.0
28	Product of 2015 Months X VOM Rate	19.98	19.98
29	Weighted Variable O&M Rate per MWh	\$ 3.10	\$ 3.10
30	Net per MWh Rate for Rate Period Calculations	\$ 57.71	\$ 51.94

<sup>1</sup>All revenue and sales values are based on calendar year 2013



# Duke Energy Progress, Inc.

## Calculation of Verified Program Performance Incentives

### 2012 Vintage

		CIG Demand Response	Residential Home Advantage	Home Energy Improvement Program	CIG Energy Efficiency	EnergyWise	
1	Present Value of Avoided Costs	<i>WP D</i>	\$ 2,927,451	\$ 4,537,613	\$ 12,227,227	\$ 49,657,135	\$ 32,433,730
2	Present Value of Program Costs	<i>WP D-1A</i>	1,002,683	1,029,138	6,024,847	7,985,396	8,016,985
3	Net Program Benefits		\$ 1,924,768	\$ 3,508,474	\$ 6,202,380	\$ 41,671,739	\$ 24,416,745
4	SC Allocation Factor	<i>Docket 2012-93-EWP B</i>	13.42%	14.21%	14.21%	14.21%	13.42%
5	SC Allocated Utility Cost Test	<i>Lines 3 X 4</i>	\$ 258,240	\$ 498,554	\$ 881,358	\$ 5,921,554	\$ 3,275,913
6	DSM Program Incentive at 8%	<i>Lines 5 X 8%</i>	\$ 20,659	\$ -	\$ -	\$ -	\$ 262,073
7	EE Program Incentive at 13%	<i>Lines 5 X 13%</i>	\$ -	\$ 64,812	\$ 114,577	\$ 769,802	\$ -
8	Program Performance Incentive (PPI)	<i>Lines 6 + 7</i>	\$ 20,659	\$ 64,812	\$ 114,577	\$ 769,802	\$ 262,073
9	Income Tax Rate	<i>Docket 2013-76-E WP D-1C</i>	39.21%	39.21%	39.21%	39.21%	39.21%
10	Income Taxes	<i>-(Lines 8 X 9)</i>	\$ (8,099)	\$ (25,410)	\$ (44,920)	\$ (301,801)	\$ (102,746)
11	Net-of-Tax PPI - Total NPV	<i>Lines 9 + 10</i>	\$ 12,560	\$ 39,402	\$ 69,657	\$ 468,001	\$ 159,327
12	Rev Vintage Year 2012 - Year 1 PPI	<i>Line 11 x 0.088605 x (1 + 0.088605)<sup>10</sup> (1 + 0.088605)<sup>10</sup> - 1</i>	\$ 1,945	\$ 6,102	\$ 10,787	\$ 72,477	\$ 24,674
13	Income Tax Gross-Up Factor	<i>1 - Line 9</i>	60.80%	60.80%	60.80%	60.80%	60.80%
14	Adjusted PPI	<i>Line 12 / Line 13</i>	\$ 3,199	\$ 10,037	\$ 17,744	\$ 119,215	\$ 40,586
15	PPI Value	<i>Line 14</i>	\$ 3,199	\$ 10,037	\$ 17,744	\$ 119,215	\$ 40,586
16	Original Vintage 2012 PPI	<i>Docket 2013-76-E WP D-1</i>	2,841	10,037	17,896	125,384	48,665
17	PPI Over / (Under) Collection	<i>Line 16 - Line 15</i>	\$ (358)	\$ -	\$ 153	\$ 6,169	\$ 8,079
18	Years at Original PPI Level	<i>April 2012 through March 2013</i>	1.0	1.0	1.0	1.0	1.0
19	Cumulative PPI Over/(Under) Collection	<i>Lines 17 X 18</i>	\$ (357.90)	\$ -	\$ 152.60	\$ 6,168.51	\$ 8,078.74
20	Carrying Costs at 8.8605%	<i>Line 18 X Line 19 X 8.8605 Collection Midpoint to Refund Midpoint (6/1/12 to 6/1/14)</i>	\$ (31.74)	\$ -	\$ 13.53	\$ 547.10	\$ 716.53
21	PPI Over/(Under) Collection w/CCost	<i>Lines 19 + 20</i>	\$ (389.64)	\$ -	\$ 166.13	\$ 6,715.61	\$ 8,795.27

### Allocation Factors

A	01-2012 thru 04-2012	<i>Docket 2011-181-E</i>	13.51%	14.47%	14.47%	14.47%	13.51%
B	05-2012 thru 12-2012	<i>Docket 2012-93-E</i>	13.37%	14.08%	14.08%	14.08%	13.37%
C	Weighted Allocation	<i>(Line A x 4 + Line B x 8) / 12</i>	13.42%	14.21%	14.21%	14.21%	13.42%

**Duke Energy Progress, Inc.**  
**PROGRAM COSTS AND INCENTIVES**

<b>Program Incentives (Summary)</b>	<b>YTD 2009 A</b>	<b>YTD 2010 A</b>	<b>YTD 2011 A</b>	<b>YTD 2012 A</b>	<b>YTD 2013 A</b>
RES HOME ENERGY IMPROVEMENTS	1,596,369	5,911,428	4,940,264	4,248,084	3,552,677
HOME ADVANTAGE	161,700	609,200	1,174,600	883,700	33,300
ENERGYWISE	288,775	1,231,950	2,088,825	2,434,175	2,878,625
ENERGY EFFICIENCY FOR BUSINESS	1,484,920	3,881,069	5,942,500	5,264,253	5,902,848
CIG DEMAND RESPONSE	2,040	463,875	991,436	664,917	904,092
RESIDENTIAL LIGHTING	-	5,173,950	3,967,465	4,049,323	7,063,440
APPLIANCE RECYCLING PROGRAM	-	324,600	379,550	426,550	439,910
RES BENCHMARKING	-	-	-	-	-
SMALL BUSINESS DIRECT INSTALL	-	-	-	-	3,044,571
RES NEW CONSTRUCTION	-	-	-	-	1,124,700
<b>Total</b>	<b>3,533,804</b>	<b>17,596,072</b>	<b>19,484,639</b>	<b>17,971,002</b>	<b>24,944,163</b>

<b>Total Program Expenses</b>	<b>YTD 2009 A</b>	<b>YTD 2010 A</b>	<b>YTD 2011 A</b>	<b>YTD 2012 A</b>	<b>YTD 2013 A</b>
RES HOME ENERGY IMPROVEMENTS	2,809,135	7,756,442	6,473,411	6,024,847	5,419,581
HOME ADVANTAGE	691,574	1,080,571	1,610,520	1,029,138	67,611
ENERGYWISE	4,644,413	6,239,359	11,859,041	8,016,985	9,709,664
ENERGY EFFICIENCY FOR BUSINESS	3,372,021	6,239,359	8,628,963	7,985,396	8,424,007
CIG DEMAND RESPONSE	310,554	1,025,677	1,560,411	1,002,683	1,353,172
RESIDENTIAL LIGHTING	248,652	6,517,118	5,871,613	6,356,720	9,235,376
APPLIANCE RECYCLING PROGRAM	55,941	1,036,855	1,275,400	1,307,877	1,473,097
RES BENCHMARKING	-	65,026	691,232	771,059	591,861
SMALL BUSINESS DIRECT INSTALL	-	-	15,595	196,544	3,345,513
RES NEW CONSTRUCTION	-	-	-	216,763	2,348,349
<b>Total</b>	<b>12,132,290</b>	<b>29,960,407</b>	<b>37,986,186</b>	<b>32,908,013</b>	<b>41,968,229</b>

T:Program Identifier	T:Rebate Number	Premise Count	T:Rebate Paid Amt (Sum)	T:Measure Category	T:Measure Subcategory
Energy Efficiency for Business (EEB)		225	1,792,763		Custom
		99	1,265,698		Prescriptive HVAC
		795	18,184,130		Prescriptive Lighting
		4	177,730		Prescriptive Motor
		37	299,237		Prescriptive Refrigeration
		11	322,038		Technical Assistance
		1,171	22,041,595		Grand Total
T:Program Identifier	T:Rebate Number	Premise Count	T:Rebate Paid Amt (Sum)	T:Measure Category	T:Measure Subcategory
Residential Home Advantage (RHA)		795	825,500		Air Source Heat Pump Total
		40	137,600		Central Air Conditioner Total
		20	42,200		Geothermal Heat Pump Total
		1,485	887,500		HA Package Total
		2,340	1,892,800		Grand Total
T:Program Identifier	T:Rebate Number	Premise Count	T:Rebate Paid Amt (Sum)	T:Measure Category	T:Measure Subcategory
Residential Home Energy Improvement Program		1,214	1,118,280		Window 1-pane Total
		3,139	745,812		Duct Testing/Repair Total
		1,904	578,596		Insulation/Air Sealing Total
		4,382	1,631,700		Air Source Heat Pump Total
		1,576	639,300		Central Air Conditioner Total
		84	39,300		Geothermal Heat Pump Total
		326	14,275		Room Air Conditioner Total
		537	47,925		Tune Up 1 Total
		8,082	817,400		Tune Up 2 Total
		98	35,000		Heat Pump Water Heater Total
		21,342	5,667,589		Grand Total

# Duke Energy Progress, Inc.

Calculation of Incremental Costs for DR ProgramVintage

## EnergyWise

	Source	Vintage Periods						
		2009	2010	2011	2012	2013	2014-Est	
1	Program Costs	<i>WP D-10</i>	\$ 4,644,413	\$ 6,239,359	\$ 11,859,041	\$ 8,016,985	\$ 9,709,664	\$ 9,749,303
2	Less: Incentives	<i>WP D-10</i>	288,775	1,231,950	2,088,825	2,434,175	2,878,625	3,075,338
3	Program Costs Less Incentives	<i>Lines 1 - 2</i>	\$ 4,355,638	\$ 5,007,409	\$ 9,770,216	\$ 5,582,810	\$ 6,831,039	\$ 6,673,965
4	EOY Participants	<i>Company Records</i>	11,299	47,528	81,544	94,447	109,868	124,802
5	Prior EOY Participants	<i>Line 4<sub>n-1</sub></i>	-	11,299	47,528	81,544	94,447	109,868
6	Incremental Participants	<i>Lines 4 - 5</i>	11,299	36,229	34,016	12,903	15,421	14,934
7	Avg Program Costs net of Incentives	<i>Lines 3 / 4</i>	\$ 385	\$ 105	\$ 120	\$ 59	\$ 62	\$ 53
8	Incentives ( <i>Overall</i> )	<i>@ \$25</i>	282,474	1,188,201	2,038,604	2,361,179	2,746,700	3,120,050
9	Incentives ( <i>Incremental</i> )	<i>@ \$25</i>	282,474	905,727	850,402	322,575	385,521	373,350
10	PV of Inc. Incentives (n=30, I = 8.03 %)	<i>PV (Line 9)</i>	\$ 3,171,053	\$ 10,167,688	\$ 9,546,612	\$ 3,621,225	\$ 4,327,857	\$ 4,191,225
11	Program Costs net of Incentives ( <i>For Incremental Customers</i> )	<i>Lines 6 x 7</i>	4,355,638	3,816,985	4,075,640	762,702	958,790	798,617
12	PV of Costs and Incentives	<i>Lines 10 + 11</i>	\$ 7,526,692	\$ 13,984,673	\$ 13,622,252	\$ 4,383,926	\$ 5,286,647	\$ 4,989,842
13	PV + 5% EM&V Loadings	<i>Line 12 * 1.05</i>	\$ 7,903,026	\$ 14,683,907	\$ 14,303,365	\$ 4,603,123	\$ 5,550,980	\$ 5,239,334

# Duke Energy Progress, Inc.

Calculation of Incremental Costs for DR ProgramVintage

## CIG DR

	Source	Vintage Periods						
		2009	2010	2011	2012	2013	2014-Est	
1	Program Costs	<i>WP D-10</i>	\$ 310,554	\$ 1,025,677	\$ 1,560,411	\$ 1,002,683	\$ 1,353,172	\$ 1,856,828
2	Less: Incentives	<i>WP D-10</i>	2,040	463,875	991,436	664,917	904,092	1,345,000
3	Program Costs Less Incentives	<i>Lines 1 - 2</i>	\$ 308,514	\$ 561,802	\$ 568,975	\$ 337,766	\$ 449,080	\$ 511,828
4	EOY Contract Levels	<i>Company Records</i>	816	7,756	13,492	15,700	17,069	22,069
5	Prior EOY Contract Levels	<i>Line 4<sub>n-1</sub></i>	-	816	7,756	13,492	15,700	17,069
6	Incremental Contract Levels	<i>Lines 4 - 5</i>	816	6,940	5,736	2,208	1,369	5,000
7	Avg Program Costs net of Incentives	<i>Lines 3 / 4</i>	\$ 378	\$ 72	\$ 42	\$ 22	\$ 26	\$ 23
8	Incentives (Overall)	<i>@ \$45</i>	36,720	349,020	607,140	706,507	768,112	993,112
9	Incentives (Incremental)	<i>@ \$45</i>	36,720	312,300	258,120	99,367	61,605	225,000
10	PV of Incentives (n=30, I = 8.03 %)	<i>PV (Line 9)</i>	\$ 412,218	\$ 3,505,878	\$ 2,897,653	\$ 1,115,496	\$ 691,577	\$ 2,525,848
11	Program Costs net of Incentives (For Incremental Customers)	<i>Lines 6 x 7</i>	308,514	502,696	241,895	47,505	36,018	115,960
12	PV of Costs and Incentives	<i>Lines 10 + 11</i>	\$ 720,732	\$ 4,008,573	\$ 3,139,548	\$ 1,163,001	\$ 727,595	\$ 2,641,809
13	PV + 5% EM&V Loadings	<i>Line 12 * 1.05</i>	\$ 756,769	\$ 4,209,002	\$ 3,296,525	\$ 1,221,151	\$ 763,975	\$ 2,773,899

# Workpapers

## Section E – Revenue Requirement Adjustments

Note: Totals may not foot due to extra decimals and rounding.

## DUKE ENERGY PROGRESS

### Revenue Requirement Adjustments

A. True-Up of Est. DSM/EE Billings for February and March 2013			Res	Gen Svc	Total
EE Component	<i>WP R-1 Line 27</i>		\$ (31,967.28)	\$ 161,611.06	\$ 129,643.78
DSM Component	<i>WP R-1 Line 25</i>		(8,318.66)	8,178.43	(140.23)
DSDR Component	<i>WP R-1 Line 26</i>		(19,309.06)	109,445.51	90,136.45
Total	<i>Totals from Above</i>		\$ (59,595.00)	\$ 279,235.00	\$ 219,640.00
B. True-Up of Est. DSM/EE Rev Rqmt. for February and March 2013			Res	Gen Svc	Total
EE Component	<i>WP E-2 line 20</i>		\$ (13,708.92)	\$ 13,428.52	\$ (280.40)
DSM Component	<i>WP E-2 line 5</i>		816.76	305.24	1,122.00
DSDR Component	<i>WP E-2 line 23</i>		6,364.01	3,517.99	9,882.00
Total	<i>Totals from Above</i>		\$ (6,528.16)	\$ 17,251.76	\$ 10,723.60
C. Recognition of 2013-14 Test Period Uncollectible - Adjustments			Res	Gen Svc	Total
EE Component	<i>WP B-6 Line 8</i>		\$ 6,083.17	\$ (124.35)	\$ 5,958.83
DSM Component	<i>WP B-6 Line 9</i>		1,560.93	(6.64)	1,554.28
DSDR Component	<i>WP B-6 Line 10</i>		3,570.83	(86.74)	3,484.09
Total	<i>Totals from Above</i>		\$ 11,214.93	\$ (217.73)	\$ 10,997.20
D. Recognition of 2013-14 Test Period Uncollectibles In Rates			Res	Gen Svc	Total
EE Component	<i>WP B-4 Line 9 and 19</i>		\$ 34,930.53	\$ 11,258.72	\$ 46,189.25
DSM Component	<i>WP B-4 Line 3 and 13</i>		10,084.79	634.39	10,719.18
DSDR Component	<i>WP B-4 Line 6 and 16</i>		18,195.10	7,985.13	26,180.22
Total	<i>Totals from Above</i>		\$ 63,210.42	\$ 19,878.24	\$ 83,088.66
E. Recognition on Interest on 2013-14 Test Period Net Undercollections			Res	Gen Svc	Total
EE Component	<i>WP B-3 Section F</i>		\$ 34,953.07	\$ 189,829.56	\$ 224,782.63
DSM Component	<i>WP B-3 Section F</i>		17,144.08	3,269.36	20,413.44
DSDR Component	<i>WP B-3 Section F</i>		(1,879.52)	48,730.94	46,851.42
Total	<i>Totals from Above</i>		\$ 50,217.63	\$ 241,829.86	\$ 292,047.49
F. Summary Total of Adjustments			Res	Gen Svc	Total
EE Component	<i>Σ Sections A through E</i>		\$ 30,290.56	\$ 376,003.53	\$ 406,294.09
DSM Component	<i>Σ Sections A through E</i>		21,287.90	12,380.78	33,668.68
DSDR Component	<i>Σ Sections A through E</i>		6,941.36	169,592.83	176,534.18
Total	<i>Totals from Above</i>		\$ 58,519.82	\$ 557,977.13	\$ 616,496.95

## DUKE ENERGY PROGRESS

### Revenue Requirement Adjustments

G Recognition of EM&V True-Ups			Res	Gen Svc	Total
Vintage 2012 Lighting EM&V True-Up					
EE Component	<i>W/P C-2A</i>		\$ (2,294.41)	\$ (522.22)	\$ (2,816.63)
Vintage 2012 Home Advantage EM&V True-Up					
EE Component	<i>W/P D-5B</i>		-	-	-
Vintage 2012 HEIP EM&V True-Up					
EE Component	<i>W/P D-5B</i>		(166.13)	-	(166.13)
Vintage 2012 EnergyWise EM&V True-Up					
DSM Component	<i>W/P D-5B</i>		(8,795.27)	-	(8,795.27)
Vintage 2012 CIG Energy Efficiency EM&V True-Up					
EE Component	<i>W/P D-5B</i>		-	(6,715.61)	(6,715.61)
Vintage 2012 DRA EM&V True-Up					
EE Component	<i>W/P D-5B</i>		-	389.64	389.64
H Summary Total of EM&V Related Adjustments					
EE Component	<i>Σ Section H Above</i>		\$ (2,460.54)	(6,848.20)	\$ (9,308.74)
DSM Component	<i>Σ Section H Above</i>		(8,795.27)	-	(8,795.27)
DSDR Component	<i>Σ Section H Above</i>		-	-	-
Total	<i>Totals from Above</i>		\$ (11,255.81)	\$ (6,848.20)	\$ (18,104.01)
I Net Revenue Requirement Adjustments			Res	Gen Svc	Total
EE Component	<i>Σ Sections G and I</i>		\$ 27,830.02	\$ 369,155.33	\$ 396,985.35
DSM Component	<i>Σ Sections G and I</i>		12,492.63	12,380.78	24,873.41
DSDR Component	<i>Σ Sections G and I</i>		6,941.36	169,592.83	176,534.18
Total	<i>Totals from Above</i>		\$ 47,264.01	\$ 551,128.93	\$ 598,392.94



# South Carolina Retail - DSM/EE Cost Reconciliation

## Test Period

April 2012 through March 2013

SC JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY												
Prior Period												
1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	Amort	12 ME 3-13	2013-76-E	Variation	Residential	General Svc			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)			
WP E-2A 1 of 4	WP E-2A 2 of 4	WP E-2A 3 of 4	WP E-2A 4 of 4	Evans Exhibit 1 Docket 2013-76-E	ΣCols(1)thru(5)	Evans Exhibit 1 Docket 2013-76-E	Col(7) - Col(6)	Col(8) Allocation	Col(8) Allocation			
<b>SC DSM Program Expenses</b>												
1	CIG DR	Per Books	\$ 2,309	\$ 6,094	\$ 2,067	\$ 2,797	\$ 45,148	\$ 58,415	\$ 58,730	\$ 315	\$ -	\$ 315
2	EnergyWise	Per Books	22,398	23,673	23,820	34,065	412,233	516,189	517,092	903	903	-
3	Total DSM	Σ Lines thru 2	\$ 24,707	\$ 29,767	\$ 25,887	\$ 36,862	\$ 457,381	\$ 574,604	\$ 575,822	\$ 1,218	\$ 903	\$ 315
4	DSM Assigned A&G Cost	Per Books	\$ 94,016	\$ 95,990	\$ 99,025	\$ 102,748	\$ 48,874	\$ 440,653	\$ 440,557	\$ (96)	\$ (86)	\$ (10)
5	Total DSM and Assigned Cost	Σ Lines 3 thru 4	\$ 118,723	\$ 125,757	\$ 124,912	\$ 139,610	\$ 506,255	\$ 1,015,257	\$ 1,016,379	\$ 1,122	\$ 817	\$ 305
<b>SC EE Program Expenses</b>												
6	Res Home Advantage	Per Books	\$ 2,497	\$ 2,939	\$ 1,598	\$ 871	\$ 63,599	\$ 71,504	\$ 70,926	\$ (578)	\$ (578)	\$ -
7	Res Home Energy Improvem't	Per Books	22,905	29,038	14,943	17,942	271,357	356,185	359,082	2,897	2,897	-
8	Residential Low Income	Per Books	7,521	7,728	6,429	6,457	71,586	99,721	100,333	612	612	-
9	CIG Energy Efficiency	Per Books	33,085	20,757	25,168	30,786	316,331	426,127	435,294	9,167	-	9,167
10	Solar Hot Water Pilot	Per Books	-	-	-	-	6,779	6,779	6,779	-	-	-
11	Lighting - Residential	Per Books-Allocated	34,122	40,369	54,715	61,656	369,587	560,449	541,472	(18,977)	(18,977)	-
12	Lighting - General Service	Per Books-Allocated	3,470	4,105	5,564	6,269	37,561	56,969	55,030	(1,939)	-	(1,939)
13	Res Appliance Recycling	Per Books	4,860	6,254	4,082	4,306	37,852	57,354	58,178	824	824	-
14	Res EE Benchmarking	Per Books	5,653	57,318	27,195	22,323	-	112,489	113,100	611	611	-
15	Home Depot CFL	Per Books	-	-	-	-	2,140	2,140	2,140	-	-	-
16	Small Business Direct Install	Per Books	749	603	588	992	1,085	4,017	10,368	6,351	-	6,351
17	Residential New Construction	Per Books	620	870	859	3,544	731	6,624	7,905	1,281	1,281	-
18	Total EE	Σ Lines 6 thru 17	\$ 115,482	\$ 169,981	\$ 141,141	\$ 155,146	\$ 1,178,608	\$ 1,760,358	\$ 1,760,607	\$ 249	\$ (13,330)	\$ 13,579
19	EE Assigned A&G Cost	Per Books	194,050	205,005	215,838	229,559	89,894	934,346	933,817	(529)	(379)	(151)
20	Total DSM and Assigned Cost	Σ Lines 18 thru 19	\$ 309,532	\$ 374,986	\$ 356,979	\$ 384,705	\$ 1,268,502	\$ 2,694,704	\$ 2,694,424	\$ (280)	\$ (13,709)	\$ 13,429
<b>SC DSDR Program Expenses</b>												
21	DSDR Program	Per Books	\$ 842,625	\$ 919,763	\$ 1,039,108	\$ 1,102,693	\$ 286,872	\$ 4,191,061	\$ 4,200,943	9,882	6,364	3,518
22	DSDR Assigned to A&G Cost	Per Books	-	-	-	-	42,206	42,206	42,206	-	-	-
23	Total DSM and Assigned Cost	Σ Lines 20 thru 21	\$ 842,625	\$ 919,763	\$ 1,039,108	\$ 1,102,693	\$ 329,078	\$ 4,233,267	\$ 4,243,149	\$ 9,882	\$ 6,364	\$ 3,518
24	Test Period Totals	Lines 5 + 19 + 22	\$ 1,270,880	\$ 1,420,506	\$ 1,520,999	\$ 1,627,008	\$ 2,103,835	\$ 7,943,228	\$ 7,953,952	\$ 10,724	\$ (6,528)	\$ 17,252

# South Carolina Retail - DSM/EE Cost Summary

## Q1 of Test Period

April 2012 through June 2012

SOUTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY														
O&M	Insurance	A&G Expense	Capitalized O&M and A&G	Amortization of Capitalized O&M	Amortization of Capitalized A&G	DSDR Capital Costs	Income Taxes on DSDR Capital Costs	DSDR Property Taxes	DSDR Depreciation	Carrying Costs Net of Taxes	Income Taxes on Carrying Cost	Rev Reqmt Before PPI & NLR		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)		
			ΣCols(1)thru(3)	((1)+(2))/10	(3)/10							ΣCols(5)thru(12)		
<b>SC DSM Program Expenses</b>														
1	CIG DR	Per Books	\$ 23,088	\$ -	\$ 23,088	\$ 2,309	\$ -			\$ -	\$ -	\$ 2,309		
2	EnergyWise	Per Books	223,982	-	223,982	22,398	-			-	-	22,398		
3	Total DSM	Σ Lines thru 2	\$ 247,070	\$ -	\$ 247,070	\$ 24,707	\$ -			\$ -	\$ -	\$ 24,707		
4	DSM Assigned to A&G Cost	Per Books		28,298	28,298	-	2,830			65,547	25,639	94,016		
5	Total DSM and Assigned Cost	Σ Lines 3 thru 4	\$ 247,070	\$ 28,298	\$ 275,368	\$ 24,707	\$ 2,830			\$ 65,547	\$ 25,639	\$ 118,723		
<b>SC EE Program Expenses</b>														
6	Res Home Advantage	Per Books	\$ 24,968	\$ -	\$ 24,968	\$ 2,497	\$ -			\$ -	\$ -	\$ 2,497		
7	Res Home Energy Improvem't	Per Books	229,048	-	229,048	22,905	-			-	-	22,905		
8	Residential Low Income	Per Books	75,211	-	75,211	7,521	-			-	-	7,521		
9	CIG Energy Efficiency	Per Books	330,845	-	330,845	33,085	-			-	-	33,085		
10	Solar Hot Water Pilot	Per Books	-	-	-	-	-			-	-	-		
11	Residential Lighting*	Per Books	187,958	-	187,958	37,592	-			-	-	37,592		
12	Res Appliance Recycling	Per Books	48,601	-	48,601	4,860	-			-	-	4,860		
13	EE Behavior Program*	Per Books	5,653	-	5,653	5,653	-			-	-	5,653		
14	Home Depot CFL	Per Books	-	-	-	-	-			-	-	-		
15	Small Business Direct Install	Per Books	7,488	-	7,488	749	-			-	-	749		
16	Residential New Construction	Per Books	6,204	-	6,204	620	-			-	-	620		
17	Total EE	Σ Lines 6 thru 16	\$ 915,976	\$ -	\$ 915,976	\$ 115,482	\$ -			\$ -	\$ -	\$ 115,482		
18	EE Assigned to A&G Cost	Per Books		73,659	73,659	-	7,366			134,193	52,491	194,050		
19	Total DSM and Assigned Cost	Σ Lines 17 thru 18	\$ 915,976	\$ 73,659	\$ 989,635	\$ 115,482	\$ 7,366			\$ 134,193	\$ 52,491	\$ 309,532		
<b>SC DSDR Program Expenses</b>														
20	DSDR Program	Per Books	\$ 169,923	\$ 28,159	\$ 198,082	\$ 19,808	\$ -	\$ 315,277	\$ 158,238	\$ 62,086	\$ 228,864	\$ 41,945	\$ 16,407	\$ 842,625
21	DSDR Assigned to A&G Cost	Per Books		-	-	-	-						\$ -	
22	Total DSM and Assigned Cost	Σ Lines 20 thru 21	\$ 169,923	\$ 28,159	\$ 198,082	\$ 19,808	\$ -	\$ 315,277	\$ 158,238	\$ 62,086	\$ 228,864	\$ 41,945	\$ 16,407	\$ 842,625
23	Test Period Totals	Lines 5 + 19 + 22	\$ 1,332,969	\$ 28,159	\$ 1,463,085	\$ 159,997	\$ 10,196	\$ 315,277	\$ 158,238	\$ 62,086	\$ 228,864	\$ 241,685	\$ 94,537	\$ 1,270,880

# South Carolina Retail - DSM/EE Cost Summary

## Q2 of Test Period

July 2012 through September 2012

SOUTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY														
O&M	Insurance	A&G Expense	Capitalized O&M and A&G	Amortization of Capitalized O&M	Amortization of Capitalized A&G	DSDR Capital Costs	Income Taxes on DSDR Capital Costs	DSDR Property Taxes	DSDR Depreciation	Carrying Costs Net of Taxes	Income Taxes on Carrying Cost	Rev Reqmt Before PPI & NLR		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)		
			ΣCols(1)thru(3)	((1)+(2))/10	(3)/10							ΣCols(5)thru(12)		
<b>SC DSM Program Expenses</b>														
1	CIG DR	Per Books	\$ 60,942	\$ -	\$ 60,942	\$ 6,094	\$ -			\$ -	\$ -	\$ 6,094		
2	EnergyWise	Per Books	236,728	-	236,728	23,673	-			-	-	23,673		
3	Total DSM	Σ Lines thru 2	\$ 297,670	\$ -	\$ 297,670	\$ 29,767	\$ -			\$ -	\$ -	\$ 29,767		
4	DSM Assigned to A&G Cost	Per Books		18,389	18,389	-	1,839			67,678	26,473	95,990		
5	Total DSM and Assigned Cost	Σ Lines 3 thru 4	\$ 297,670	\$ 18,389	\$ 316,059	\$ 29,767	\$ 1,839			\$ 67,678	\$ 26,473	\$ 125,757		
<b>SC EE Program Expenses</b>														
6	Res Home Advantage	Per Books	\$ 29,385	\$ -	\$ 29,385	\$ 2,939	\$ -			\$ -	\$ -	\$ 2,939		
7	Res Home Energy Improvem't	Per Books	290,375	-	290,375	29,038	-			-	-	29,038		
8	Residential Low Income	Per Books	77,277	-	77,277	7,728	-			-	-	7,728		
9	CIG Energy Efficiency	Per Books	207,569	-	207,569	20,757	-			-	-	20,757		
10	Solar Hot Water Pilot	Per Books	-	-	-	-	-			-	-	-		
11	Residential Lighting*	Per Books	222,372	-	222,372	44,474	-			-	-	44,474		
12	Res Appliance Recycling	Per Books	62,544	-	62,544	6,254	-			-	-	6,254		
13	EE Behavior Program*	Per Books	57,318	-	57,318	5,731	-			-	-	5,731		
14	Home Depot CFL	Per Books	-	-	-	-	-			-	-	-		
15	Small Business Direct Install	Per Books	6,026	-	6,026	603	-			-	-	603		
16	Residential New Construction	Per Books	8,699	-	8,699	870	-			-	-	870		
17	Total EE	Σ Lines 6 thru 16	\$ 961,565	\$ -	\$ 961,565	\$ 169,981	\$ -			\$ -	\$ -	\$ 169,981		
18	EE Assigned to A&G Cost	Per Books		60,327	60,327	-	6,033			143,026	55,946	205,005		
19	Total DSM and Assigned Cost	Σ Lines 17 thru 18	\$ 961,565	\$ 60,327	\$ 1,021,892	\$ 169,981	\$ 6,033			\$ 143,026	\$ 55,946	\$ 374,986		
<b>SC DSDR Program Expenses</b>														
20	DSDR Program	Per Books	\$ 226,303	\$ 30,181	\$ 256,484	\$ 25,648	\$ -	\$ 336,082	\$ 168,680	\$ 62,086	\$ 266,599	\$ 43,610	\$ 17,058	\$ 919,763
21	DSDR Assigned to A&G Cost	Per Books		-	-	-	-							\$ -
22	Total DSM and Assigned Cost	Σ Lines 20 thru 21	\$ 226,303	\$ 30,181	\$ 256,484	\$ 25,648	\$ -	\$ 336,082	\$ 168,680	\$ 62,086	\$ 266,599	\$ 43,610	\$ 17,058	\$ 919,763
23	Test Period Totals	Lines 5 + 19 + 22	\$ 1,485,538	\$ 30,181	\$ 1,594,435	\$ 225,396	\$ 7,872	\$ 336,082	\$ 168,680	\$ 62,086	\$ 266,599	\$ 254,314	\$ 99,477	\$ 1,420,506

# South Carolina Retail - DSM/EE Cost Summary

## Q3 of Test Period

October 2012 through December 2012

SOUTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY														
	O&M	Insurance	A&G Expense	Capitalized O&M and A&G	Amortization of Capitalized O&M	Amortization of Capitalized A&G	DSDR Capital Costs	Income Taxes on DSDR Capital Costs	DSDR Property Taxes	DSDR Depreciation	Carrying Costs Net of Taxes	Income Taxes on Carrying Cost	Rev Reqmt Before PPI & NLR	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
				ΣCols(1)thru(3)	((1)+(2))/10	(3)/10							ΣCols(5)thru(12)	
<b>SC DSM Program Expenses</b>														
1	CIG DR													
	<i>Per Books</i>	\$ 20,669		\$ -	\$ 20,669	\$ 2,067	\$ -				\$ -	\$ -	\$ 2,067	
2	EnergyWise													
	<i>Per Books</i>	238,203		-	238,203	23,820	-				-	-	23,820	
3	Total DSM													
	<i>Σ Lines thru 2</i>	\$ 258,872		\$ -	\$ 258,872	\$ 25,887	\$ -				\$ -	\$ -	\$ 25,887	
4	DSM Assigned to A&G Cost													
	<i>Per Books</i>			14,862	14,862	-	1,486				70,113	27,426	99,025	
5	Total DSM and Assigned Cost													
	<i>Σ Lines 3 thru 4</i>	\$ 258,872		\$ 14,862	\$ 273,734	\$ 25,887	\$ 1,486				\$ 70,113	\$ 27,426	\$ 124,912	
<b>SC EE Program Expenses</b>														
6	Res Home Advantage													
	<i>Per Books</i>	\$ 15,975		\$ -	\$ 15,975	\$ 1,598	\$ -				\$ -	\$ -	\$ 1,598	
7	Res Home Energy Improvem't													
	<i>Per Books</i>	149,429		-	149,429	14,943	-				-	-	14,943	
8	Residential Low Income													
	<i>Per Books</i>	64,293		-	64,293	6,429	-				-	-	6,429	
9	CIG Energy Efficiency													
	<i>Per Books</i>	251,676		-	251,676	25,168	-				-	-	25,168	
10	Solar Hot Water Pilot													
	<i>Per Books</i>	-		-	-	-	-				-	-	-	
11	Residential Lighting*													
	<i>Per Books</i>	301,393		-	301,393	60,279	-				-	-	60,279	
12	Res Appliance Recycling													
	<i>Per Books</i>	40,815		-	40,815	4,082	-				-	-	4,082	
13	EE Behavior Program*													
	<i>Per Books</i>	27,195		-	27,195	27,195	-				-	-	27,195	
14	Home Depot CFL													
	<i>Per Books</i>	-		-	-	-	-				-	-	-	
15	Small Business Direct Install													
	<i>Per Books</i>	5,876		-	5,876	588	-				-	-	588	
16	Residential New Construction													
	<i>Per Books</i>	8,587		-	8,587	859	-				-	-	859	
17	Total EE													
	<i>Σ Lines 6 thru 16</i>	\$ 865,239		\$ -	\$ 865,239	\$ 141,141	\$ -				\$ -	\$ -	\$ 141,141	
18	EE Assigned to A&G Cost													
	<i>Per Books</i>			48,757	48,757	-	4,876				151,645	59,317	215,838	
19	Total DSM and Assigned Cost													
	<i>Σ Lines 17 thru 18</i>	\$ 865,239		\$ 48,757	\$ 913,996	\$ 141,141	\$ 4,876				\$ 151,645	\$ 59,317	\$ 356,979	
<b>SC DSDR Program Expenses</b>														
20	DSDR Program													
	<i>Per Books</i>	\$ 170,218	\$ 33,791	\$ -	\$ 204,009	\$ 20,401	\$ -	\$ 389,197	\$ 195,339	\$ 62,086	\$ 308,331	\$ 45,828	\$ 17,926	\$ 1,039,108
21	DSDR Assigned to A&G Cost													
	<i>Per Books</i>												\$ -	
22	Total DSM and Assigned Cost													
	<i>Σ Lines 20 thru 21</i>	\$ 170,218	\$ 33,791	\$ -	\$ 204,009	\$ 20,401	\$ -	\$ 389,197	\$ 195,339	\$ 62,086	\$ 308,331	\$ 45,828	\$ 17,926	\$ 1,039,108
23	Test Period Totals													
	<i>Lines 5 + 19 + 22</i>	\$ 1,294,329	\$ 33,791	\$ 63,619	\$ 1,391,739	\$ 187,429	\$ 6,362	\$ 389,197	\$ 195,339	\$ 62,086	\$ 308,331	\$ 267,586	\$ 104,669	\$ 1,520,999

# South Carolina Retail - DSM/EE Cost Summary

## Q4 of Test Period

January 2013 through March 2013

SOUTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY													
	O&M	Insurance	A&G Expense	Capitalized O&M and A&G	Amortization of Capitalized O&M	Amortization of Capitalized A&G	DSDR Capital Costs	Income Taxes on DSDR Capital Costs	DSDR Property Taxes	DSDR Depreciation	Carrying Costs Net of Taxes	Income Taxes on Carrying Cost	Rev Reqmt Before PPI & NLR
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
				ΣCols(1)thru(3)	((1)+(2))/10	(3)/10							ΣCols(5)thru(12)
<b>SC DSM Program Expenses</b>													
1	CIG DR												
	<i>Per Books</i>	\$ 27,973	\$ -	\$ 27,973	\$ 2,797	\$ -					\$ -	\$ -	\$ 2,797
2	EnergyWise												
	<i>Per Books</i>	340,649	-	340,649	34,065	-					-	-	34,065
3	Total DSM												
	<i>Σ Lines thru 2</i>	\$ 368,622	\$ -	\$ 368,622	\$ 36,862	\$ -					\$ -	\$ -	\$ 36,862
4	DSM Assigned to A&G Cost												
	<i>Per Books</i>		21,704	21,704	-	2,170					72,298	28,280	102,748
5	Total DSM and Assigned Cost												
	<i>Σ Lines 3 thru 4</i>	\$ 368,622	\$ 21,704	\$ 390,326	\$ 36,862	\$ 2,170					\$ 72,298	\$ 28,280	\$ 139,610
<b>SC EE Program Expenses</b>													
6	Res Home Advantage												
	<i>Per Books</i>	\$ 8,708	\$ -	\$ 8,708	\$ 871	\$ -					\$ -	\$ -	\$ 871
7	Res Home Energy Improvem't												
	<i>Per Books</i>	179,420	-	179,420	17,942	-					-	-	17,942
8	Residential Low Income												
	<i>Per Books</i>	64,573	-	64,573	6,457	-					-	-	6,457
9	CIG Energy Efficiency												
	<i>Per Books</i>	307,860	-	307,860	30,786	-					-	-	30,786
10	Solar Hot Water Pilot												
	<i>Per Books</i>	-	-	-	-	-					-	-	-
11	Residential Lighting*												
	<i>Per Books</i>	339,623	-	339,623	67,925	-					-	-	67,925
12	Res Appliance Recycling												
	<i>Per Books</i>	43,062	-	43,062	4,306	-					-	-	4,306
13	EE Behavior Program*												
	<i>Per Books</i>	22,323	-	22,323	22,323	-					-	-	22,323
14	Home Depot CFL												
	<i>Per Books</i>	-	-	-	-	-					-	-	-
15	Small Business Direct Install												
	<i>Per Books</i>	9,915	-	9,915	992	-					-	-	992
16	Residential New Construction												
	<i>Per Books</i>	35,435	-	35,435	3,544	-					-	-	3,544
17	Total EE												
	<i>Σ Lines 6 thru 16</i>	\$ 1,010,919	\$ -	\$ 1,010,919	\$ 155,146	\$ -					\$ -	\$ -	\$ 155,146
18	EE Assigned to A&G Cost												
	<i>Per Books</i>		71,205	71,205	-	7,121					159,894	62,544	229,559
19	Total DSM and Assigned Cost												
	<i>Σ Lines 17 thru 18</i>	\$ 1,010,919	\$ 71,205	\$ 1,082,124	\$ 155,146	\$ 7,121					\$ 159,894	\$ 62,544	\$ 384,705
<b>SC DSDR Program Expenses</b>													
20	DSDR Program												
	<i>Per Books</i>	\$ 170,695	\$ 34,716	\$ 205,411	\$ 20,541	\$ -	\$ 381,364	\$ 186,850	\$ 85,897	\$ 362,451	\$ 47,148	\$ 18,442	\$ 1,102,693
21	DSDR Assigned to A&G Cost												
	<i>Per Books</i>		-	-	-	-							\$ -
22	Total DSM and Assigned Cost												
	<i>Σ Lines 20 thru 21</i>	\$ 170,695	\$ 34,716	\$ 205,411	\$ 20,541	\$ -	\$ 381,364	\$ 186,850	\$ 85,897	\$ 362,451	\$ 47,148	\$ 18,442	\$ 1,102,693
23	Test Period Totals												
	<i>Lines 5 + 19 + 22</i>	\$ 1,550,236	\$ 34,716	\$ 92,909	\$ 1,677,861	\$ 212,549	\$ 9,291	\$ 381,364	\$ 186,850	\$ 85,897	\$ 362,451	\$ 279,340	\$ 1,627,008

# Workpapers

## Section F – Total Resource Cost (TRC) Tests

Note: Totals may not foot due to extra decimals and rounding.

PROGRAM: DEP Residential Appliance Recycling - Vintage Year-2013

Total Resource Cost (TRC) Test

YEAR	BENEFITS				COSTS			TRC NET BENEFITS \$(000)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
	TOTAL FUEL & O&M SAVINGS \$(000)	AVOIDED T&D CAP. COSTS \$(000)	AVOIDED GEN. CAP. COSTS \$(000)	TOTAL BENEFITS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT'S COST \$(000)	TOTAL COSTS \$(000)	
2012	0	0	0	0	0	0	0	0
2013	186	29	21	237	1,033	440	1,473	-1,237
2014	180	30	22	231	0	0	0	231
2015	180	30	22	233	0	0	0	233
2016	180	31	23	234	0	0	0	234
2017	183	32	23	238	0	0	0	238
2018	193	33	24	249	0	0	0	249
2019	208	33	24	266	0	0	0	266
2020	274	34	25	333	0	0	0	333
2021	278	35	25	339	0	0	0	339
2022	293	36	26	354	0	0	0	354
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	0	0
2040	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0
NOMINAL	2,156	322	236	2,713	1,033	440	1,473	1,240
NPV	1,583	241	177	2,001	1,033	440	1,473	528

Utility Discount Rate = 6.75  
Benefit Cost Ratio = 1.358

PROGRAM: DEP Residential Home Advantage - Vintage Year-2013

Total Resource Cost (TRC) Test								
YEAR	BENEFITS				COSTS			TRC NET BENEFITS \$ (000)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
	TOTAL FUEL & O&M SAVINGS \$ (000)	AVOIDED T&D CAP. COSTS \$ (000)	AVOIDED GEN. CAP. COSTS \$ (000)	TOTAL BENEFITS \$ (000)	UTILITY PROGRAM COSTS \$ (000)	PARTICIPANT'S COST \$ (000)	TOTAL COSTS \$ (000)	
2012	0	0	0	0	0	0	0	0
2013	4	2	1	6	34	64	99	-92
2014	4	2	1	7	0	0	0	7
2015	4	2	1	6	0	0	0	6
2016	4	2	1	7	0	0	0	7
2017	4	2	1	6	0	0	0	6
2018	4	2	1	7	0	0	0	7
2019	4	2	1	6	0	0	0	6
2020	5	2	1	8	0	0	0	8
2021	6	2	1	9	0	0	0	9
2022	6	2	1	9	0	0	0	9
2023	6	2	1	9	0	0	0	9
2024	7	2	1	10	0	0	0	10
2025	7	2	1	10	0	0	0	10
2026	7	2	1	11	0	0	0	11
2027	8	2	1	11	0	0	0	11
2028	8	2	1	11	0	0	0	11
2029	9	2	1	12	0	0	0	12
2030	8	2	1	11	0	0	0	11
2031	9	2	1	12	0	0	0	12
2032	8	2	1	11	0	0	0	11
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	0	0
2040	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0
NOMINAL	119	39	20	179	34	64	99	80
NPV	61	22	11	95	34	64	99	-4

Utility Discount Rate = 6.75  
Benefit Cost Ratio = 0.961



**PROGRAM: DEP Residential Home Energy Improvement - Vintage Year-2013**

**Total Resource Cost (TRC) Test**

YEAR	BENEFITS				COSTS			TRC NET BENEFITS \$(000)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
	TOTAL FUEL & O&M SAVINGS \$(000)	AVOIDED T&D CAP. COSTS \$(000)	AVOIDED GEN. CAP. COSTS \$(000)	TOTAL BENEFITS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT'S COST \$(000)	TOTAL COSTS \$(000)	
2012	0	0	0	0	0	0	0	0
2013	211	179	88	477	1,867	4,598	6,464	-5,987
2014	184	184	89	458	0	0	0	458
2015	178	188	91	457	0	0	0	457
2016	161	192	94	447	0	0	0	447
2017	166	197	96	459	0	0	0	459
2018	182	201	98	481	0	0	0	481
2019	196	206	100	502	0	0	0	502
2020	252	210	102	565	0	0	0	565
2021	254	215	105	574	0	0	0	574
2022	267	218	106	591	0	0	0	591
2023	229	189	91	509	0	0	0	509
2024	239	193	93	525	0	0	0	525
2025	248	197	95	540	0	0	0	540
2026	267	202	97	566	0	0	0	566
2027	283	206	99	589	0	0	0	589
2028	84	37	19	140	0	0	0	140
2029	87	38	19	143	0	0	0	143
2030	84	39	19	142	0	0	0	142
2031	29	10	6	45	0	0	0	45
2032	32	10	6	48	0	0	0	48
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	0	0
2040	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0
<b>NOMINAL</b>	<b>3,635</b>	<b>3,111</b>	<b>1,512</b>	<b>8,259</b>	<b>1,867</b>	<b>4,598</b>	<b>6,464</b>	<b>1,794</b>
<b>NPV</b>	<b>2,208</b>	<b>1,989</b>	<b>967</b>	<b>5,164</b>	<b>1,867</b>	<b>4,598</b>	<b>6,464</b>	<b>-1,300</b>

Utility Discount Rate = 6.75  
**Benefit Cost Ratio = 0.799**

PROGRAM: DEP Neighborhood Energy Saver - Vintage Year-2013

<b>Total Resource Cost (TRC) Test</b>
---------------------------------------

YEAR	<b>BENEFITS</b>				<b>COSTS</b>			<b>(8) TRC NET BENEFITS \$(000)</b>
	(1) TOTAL FUEL & O&M SAVINGS \$(000)	(2) AVOIDED T&D CAP. COSTS \$(000)	(3) AVOIDED GEN. CAP. COSTS \$(000)	(4) TOTAL BENEFITS \$(000)	(5) UTILITY PROGRAM COSTS \$(000)	(6) PARTICIPANT'S COST \$(000)	(7) TOTAL COSTS \$(000)	
	2012	0	0	0	0	0	0	
2013	72	15	10	96	2,052	0	2,052	-1,955
2014	64	13	8	86	0	0	0	86
2015	64	13	9	86	0	0	0	86
2016	64	13	9	86	0	0	0	86
2017	65	14	9	87	0	0	0	87
2018	68	14	9	91	0	0	0	91
2019	74	14	9	98	0	0	0	98
2020	45	9	6	60	0	0	0	60
2021	45	10	6	60	0	0	0	60
2022	9	4	2	16	0	0	0	16
2023	9	4	2	16	0	0	0	16
2024	11	5	2	18	0	0	0	18
2025	10	5	2	17	0	0	0	17
2026	2	0	0	2	0	0	0	2
2027	3	0	0	3	0	0	0	3
2028	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	0	0
2040	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0
<b>NOMINAL</b>	<b>606</b>	<b>134</b>	<b>83</b>	<b>822</b>	<b>2,052</b>	<b>0</b>	<b>2,052</b>	<b>-1,230</b>
<b>NPV</b>	<b>467</b>	<b>101</b>	<b>63</b>	<b>631</b>	<b>2,052</b>	<b>0</b>	<b>2,052</b>	<b>-1,421</b>

Utility Discount Rate = 6.75  
Benefit Cost Ratio = 0.308

**PROGRAM: DEP Residential Energy Efficiency Benchmarking - Vintage Year-2013**

**Total Resource Cost (TRC) Test**

YEAR	BENEFITS				COSTS			TRC NET BENEFITS \$(000)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
	TOTAL FUEL & O&M SAVINGS \$(000)	AVOIDED T&D CAP. COSTS \$(000)	AVOIDED GEN. CAP. COSTS \$(000)	TOTAL BENEFITS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT'S COST \$(000)	TOTAL COSTS \$(000)	
2012	0	0	0	0	0	0	0	0
2013	512	134	88	733	592	0	592	142
2014	0	0	0	0	0	0	0	0
2015	0	0	0	0	0	0	0	0
2016	0	0	0	0	0	0	0	0
2017	0	0	0	0	0	0	0	0
2018	0	0	0	0	0	0	0	0
2019	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	0	0
2040	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0
NOMINAL	512	134	88	733	592	0	592	142
NPV	512	134	88	733	592	0	592	142

Utility Discount Rate = 6.75  
**Benefit Cost Ratio = 1.239**

PROGRAM: DEP Residential New Construction - Vintage Year-2013

Total Resource Cost (TRC) Test								
YEAR	BENEFITS				COSTS			TRC NET BENEFITS \$(000)
	(1) TOTAL FUEL & O&M SAVINGS \$(000)	(2) AVOIDED T&D CAP. COSTS \$(000)	(3) AVOIDED GEN. CAP. COSTS \$(000)	(4) TOTAL BENEFITS \$(000)	(5) UTILITY PROGRAM COSTS \$(000)	(6) PARTICIPANT'S COST \$(000)	(7) TOTAL COSTS \$(000)	
2012	0	0	0	0	0	0	0	0
2013	53	23	11	87	1,224	1,543	2,766	-2,679
2014	50	24	11	85	0	0	0	85
2015	49	25	11	85	0	0	0	85
2016	48	25	12	85	0	0	0	85
2017	49	26	12	86	0	0	0	86
2018	52	26	12	90	0	0	0	90
2019	56	27	12	95	0	0	0	95
2020	72	28	13	113	0	0	0	113
2021	74	28	13	115	0	0	0	115
2022	77	29	13	119	0	0	0	119
2023	79	29	14	122	0	0	0	122
2024	83	30	14	127	0	0	0	127
2025	88	31	14	132	0	0	0	132
2026	93	31	14	139	0	0	0	139
2027	98	32	15	145	0	0	0	145
2028	105	33	15	153	0	0	0	153
2029	108	34	15	157	0	0	0	157
2030	108	34	16	158	0	0	0	158
2031	114	35	16	166	0	0	0	166
2032	119	36	17	172	0	0	0	172
2033	126	37	17	179	0	0	0	179
2034	128	38	17	183	0	0	0	183
2035	135	38	18	191	0	0	0	191
2036	141	39	18	198	0	0	0	198
2037	146	40	18	205	0	0	0	205
2038	155	41	19	214	0	0	0	214
2039	162	42	19	223	0	0	0	223
2040	169	43	20	232	0	0	0	232
2041	174	44	20	238	0	0	0	238
NOMINAL	2,910	949	436	4,296	1,224	1,543	2,766	1,529
NPV	1,088	398	183	1,670	1,224	1,543	2,766	-1,096

Utility Discount Rate = 6.75  
Benefit Cost Ratio = 0.604

PROGRAM: DEP Small Business Energy Saver - Vintage Year-2013

Total Resource Cost (TRC) Test								
YEAR	BENEFITS				COSTS			TRC NET BENEFITS \$(000)
	(1) TOTAL FUEL & O&M SAVINGS \$(000)	(2) AVOIDED T&D CAP. COSTS \$(000)	(3) AVOIDED GEN. CAP. COSTS \$(000)	(4) TOTAL BENEFITS \$(000)	(5) UTILITY PROGRAM COSTS \$(000)	(6) PARTICIPANT'S COST \$(000)	(7) TOTAL COSTS \$(000)	
2012	0	0	0	0	0	0	0	0
2013	195	70	78	343	301	4,338	4,638	-4,296
2014	184	72	80	336	0	0	0	336
2015	184	74	81	339	0	0	0	339
2016	178	76	83	337	0	0	0	337
2017	180	77	84	342	0	0	0	342
2018	191	79	86	356	0	0	0	356
2019	206	81	88	374	0	0	0	374
2020	272	83	90	444	0	0	0	444
2021	278	84	91	454	0	0	0	454
2022	292	86	93	471	0	0	0	471
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	0	0
2040	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0
NOMINAL	2,158	782	854	3,794	301	4,338	4,638	-844
NPV	1,589	586	641	2,816	301	4,338	4,638	-1,823

Utility Discount Rate = 6.75  
Benefit Cost Ratio = 0.607

PROGRAM: DEP CIG Energy Efficiency for Business - Vintage Year-2013

<b>Total Resource Cost (TRC) Test</b>								
YEAR	<b>BENEFITS</b>				<b>COSTS</b>			<b>(8) TRC NET BENEFITS \$(000)</b>
	(1) TOTAL FUEL & O&M SAVINGS \$(000)	(2) AVOIDED T&D CAP. COSTS \$(000)	(3) AVOIDED GEN. CAP. COSTS \$(000)	(4) TOTAL BENEFITS \$(000)	(5) UTILITY PROGRAM COSTS \$(000)	(6) PARTICIPANT'S COST \$(000)	(7) TOTAL COSTS \$(000)	
2012	0	0	0	0	0	0	0	0
2013	2,879	943	695	4,517	2,521	5,903	8,424	-3,907
2014	2,712	971	711	4,394	0	0	0	4,394
2015	2,709	993	727	4,429	0	0	0	4,429
2016	2,626	1,015	743	4,385	0	0	0	4,385
2017	2,659	1,038	760	4,457	0	0	0	4,457
2018	2,813	1,062	777	4,651	0	0	0	4,651
2019	3,024	1,085	795	4,904	0	0	0	4,904
2020	3,965	1,110	812	5,887	0	0	0	5,887
2021	4,052	1,135	831	6,017	0	0	0	6,017
2022	4,257	1,160	849	6,266	0	0	0	6,266
2023	1,430	449	328	2,207	0	0	0	2,207
2024	1,490	459	335	2,285	0	0	0	2,285
2025	1,568	469	343	2,380	0	0	0	2,380
2026	1,567	469	343	2,378	0	0	0	2,378
2027	1,651	479	350	2,480	0	0	0	2,480
2028	1,717	474	348	2,539	0	0	0	2,539
2029	1,754	485	355	2,595	0	0	0	2,595
2030	1,789	496	363	2,649	0	0	0	2,649
2031	1,884	507	372	2,763	0	0	0	2,763
2032	1,933	519	380	2,831	0	0	0	2,831
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	0	0
2040	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0
NOMINAL	48,479	15,319	11,217	75,015	2,521	5,903	8,424	66,591
NPV	29,863	9,760	7,149	46,771	2,521	5,903	8,424	38,347

Utility Discount Rate = 6.75  
Benefit Cost Ratio = 5.552

PROGRAM: DEP Lighting-Business - Vintage Year-2013

Total Resource Cost (TRC) Test								
YEAR	BENEFITS				COSTS			TRC NET BENEFITS \$(000)
	(1) TOTAL FUEL & O&M SAVINGS \$(000)	(2) AVOIDED T&D CAP. COSTS \$(000)	(3) AVOIDED GEN. CAP. COSTS \$(000)	(4) TOTAL BENEFITS \$(000)	(5) UTILITY PROGRAM COSTS \$(000)	(6) PARTICIPANT'S COST \$(000)	(7) TOTAL COSTS \$(000)	
2012	0	0	0	0	0	0	0	0
2013	2,156	534	394	3,084	235	2,129	2,364	720
2014	2,269	611	448	3,328	0	0	0	3,328
2015	2,479	687	503	3,669	0	0	0	3,669
2016	660	190	139	989	0	0	0	989
2017	447	129	95	670	0	0	0	670
2018	234	65	48	347	0	0	0	347
2019	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0
2021	0	0	0	0	0	0	0	0
2022	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	0	0	0
2026	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	0	0
2040	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0
NOMINAL	8,244	2,217	1,627	12,088	235	2,129	2,364	9,724
NPV	7,512	2,013	1,477	11,002	235	2,129	2,364	8,638

Utility Discount Rate = 6.75  
Benefit Cost Ratio = 4.654

PROGRAM: DEP Lighting-Residential - Vintage Year-2013

Total Resource Cost (TRC) Test								
YEAR	BENEFITS				COSTS			TRC NET BENEFITS \$(000)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
	TOTAL FUEL & O&M SAVINGS \$(000)	AVOIDED T&D CAP. COSTS \$(000)	AVOIDED GEN. CAP. COSTS \$(000)	TOTAL BENEFITS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT'S COST \$(000)	TOTAL COSTS \$(000)	
2012	0	0	0	0	0	0	0	0
2013	4,309	650	479	5,438	1,937	17,518	19,455	-14,017
2014	4,608	744	544	5,896	0	0	0	5,896
2015	5,025	836	612	6,474	0	0	0	6,474
2016	5,040	855	626	6,521	0	0	0	6,521
2017	5,146	874	640	6,660	0	0	0	6,660
2018	5,440	894	654	6,988	0	0	0	6,988
2019	5,860	914	669	7,443	0	0	0	7,443
2020	2,087	253	185	2,525	0	0	0	2,525
2021	1,404	172	126	1,702	0	0	0	1,702
2022	736	87	64	887	0	0	0	887
2023	748	89	65	903	0	0	0	903
2024	782	91	67	940	0	0	0	940
2025	826	93	68	987	0	0	0	987
2026	876	95	70	1,041	0	0	0	1,041
2027	923	97	71	1,092	0	0	0	1,092
2028	992	100	73	1,165	0	0	0	1,165
2029	1,013	102	75	1,190	0	0	0	1,190
2030	1,022	104	76	1,203	0	0	0	1,203
2031	1,084	106	78	1,269	0	0	0	1,269
2032	1,114	109	80	1,302	0	0	0	1,302
2033	1,180	111	81	1,373	0	0	0	1,373
2034	1,208	114	83	1,405	0	0	0	1,405
2035	1,265	116	85	1,466	0	0	0	1,466
2036	1,322	119	87	1,528	0	0	0	1,528
2037	1,390	122	89	1,600	0	0	0	1,600
2038	1,458	124	91	1,673	0	0	0	1,673
2039	0	0	0	0	0	0	0	0
2040	0	0	0	0	0	0	0	0
2041	0	0	0	0	0	0	0	0
NOMINAL	56,859	7,972	5,839	70,670	1,937	17,518	19,455	51,215
NPV	36,999	5,577	4,085	46,661	1,937	17,518	19,455	27,206

Utility Discount Rate = 6.75  
Benefit Cost Ratio = 2.398



PROGRAM: DEP EnergyWise - Vintage Year-2013

**Total Resource Cost (TRC) Test**

YEAR	BENEFITS				COSTS			TRC NET BENEFITS \$(000)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
	TOTAL FUEL & O&M SAVINGS \$(000)	AVOIDED T&D CAP. COSTS \$(000)	AVOIDED GEN. CAP. COSTS \$(000)	TOTAL BENEFITS \$(000)	UTILITY PROGRAM COSTS \$(000)	PARTICIPANT'S COST \$(000)	TOTAL COSTS \$(000)	
2012	0	0	0	0	0	0	0	0
2013	172	0	1,391	1,564	959	0	959	605
2014	160	0	1,423	1,583	0	0	0	1,583
2015	164	0	1,455	1,618	0	0	0	1,618
2016	-125	0	1,487	1,362	0	0	0	1,362
2017	-167	0	1,521	1,354	0	0	0	1,354
2018	-83	0	1,555	1,472	0	0	0	1,472
2019	-126	0	1,590	1,465	0	0	0	1,465
2020	-58	0	1,626	1,568	0	0	0	1,568
2021	-57	0	1,663	1,606	0	0	0	1,606
2022	-40	0	1,700	1,660	0	0	0	1,660
2023	-21	0	1,738	1,717	0	0	0	1,717
2024	-34	0	1,777	1,743	0	0	0	1,743
2025	-93	0	1,817	1,724	0	0	0	1,724
2026	-48	0	1,858	1,811	0	0	0	1,811
2027	-11	0	1,900	1,889	0	0	0	1,889
2028	-22	0	1,943	1,921	0	0	0	1,921
2029	36	0	1,986	2,023	0	0	0	2,023
2030	46	0	2,031	2,078	0	0	0	2,078
2031	-24	0	2,077	2,053	0	0	0	2,053
2032	-35	0	2,124	2,089	0	0	0	2,089
2033	-52	0	2,171	2,119	0	0	0	2,119
2034	-84	0	2,220	2,136	0	0	0	2,136
2035	-76	0	2,270	2,194	0	0	0	2,194
2036	-83	0	2,321	2,238	0	0	0	2,238
2037	-111	0	2,373	2,262	0	0	0	2,262
2038	-160	0	2,427	2,266	0	0	0	2,266
2039	-142	0	2,482	2,339	0	0	0	2,339
2040	-239	0	2,537	2,298	0	0	0	2,298
2041	-289	0	2,594	2,306	0	0	0	2,306
NOMINAL	-1,603	0	56,059	54,456	959	0	959	53,497
NPV	-336	0	23,541	23,205	959	0	959	22,247

Utility Discount Rate = 6.75  
Benefit Cost Ratio = 24.203

PROGRAM: DEP CIG Demand Response - Vintage Year-2013

Total Resource Cost (TRC) Test

YEAR	BENEFITS				COSTS			TRC NET BENEFITS \$(000)
	(1) TOTAL FUEL & O&M SAVINGS \$(000)	(2) AVOIDED T&D CAP. COSTS \$(000)	(3) AVOIDED GEN. CAP. COSTS \$(000)	(4) TOTAL BENEFITS \$(000)	(5) UTILITY PROGRAM COSTS \$(000)	(6) PARTICIPANT'S COST \$(000)	(7) TOTAL COSTS \$(000)	
2012	0	0	0	0	0	0	0	0
2013	9	0	74	83	36	0	36	47
2014	9	0	76	85	0	0	0	85
2015	10	0	77	87	0	0	0	87
2016	-7	0	79	72	0	0	0	72
2017	-9	0	81	72	0	0	0	72
2018	-4	0	83	78	0	0	0	78
2019	-6	0	85	78	0	0	0	78
2020	-3	0	87	84	0	0	0	84
2021	-2	0	88	87	0	0	0	87
2022	-1	0	90	89	0	0	0	89
2023	0	0	92	92	0	0	0	92
2024	-1	0	95	93	0	0	0	93
2025	-4	0	97	92	0	0	0	92
2026	-1	0	99	98	0	0	0	98
2027	0	0	101	102	0	0	0	102
2028	0	0	103	104	0	0	0	104
2029	3	0	106	109	0	0	0	109
2030	4	0	108	112	0	0	0	112
2031	1	0	111	111	0	0	0	111
2032	-1	0	113	112	0	0	0	112
2033	-2	0	116	113	0	0	0	113
2034	-2	0	118	116	0	0	0	116
2035	-2	0	121	119	0	0	0	119
2036	-2	0	124	122	0	0	0	122
2037	-5	0	126	121	0	0	0	121
2038	-7	0	129	122	0	0	0	122
2039	-6	0	132	126	0	0	0	126
2040	-10	0	135	125	0	0	0	125
2041	-15	0	138	123	0	0	0	123
NOMINAL	-54	0	2,983	2,929	36	0	36	2,893
NPV	-7	0	1,253	1,246	36	0	36	1,210

Utility Discount Rate = 6.75  
Benefit Cost Ratio = 34.584

# Workpapers

## Section R – DSM/EE Revenues

Note: Totals may not foot due to extra decimals and rounding.

## Duke Energy Progress

True-Up of Estimated DSM/EE Billings for February through March 2013

			Residential	General Service					
				Billings	Opt-Out Offset	Net Billings	Total		
<b>Estimated Feb 2013 Net Revenue Composition</b>									
1	DSM	<i>Doc #2013-76-E WP R-2a</i>	\$ 128,541.63	\$ 22,134.23	\$ (11,520.38)	\$ 10,613.85	\$	139,155.48	
2	DSDR	<i>Doc #2013-76-E WP R-2a</i>	298,385.14	296,258.23	(154,195.88)	142,062.35		440,447.49	
3	EE	<i>Doc #2013-76-E WP R-2a</i>	493,936.98	437,576.81	(227,749.09)	209,827.72		703,764.70	
4	Total	<i>Σ Lines 1 to 4</i>	<u>\$ 920,863.75</u>	<u>\$ 755,969.27</u>	<u>\$ (393,465.35)</u>	<u>\$ 362,503.92</u>		<u>\$ 1,283,367.67</u>	
<b>Actual Feb 2013 Revenue Composition</b>									
5	DSM	<i>W/P R SC 2-12</i>	\$ 116,979.96	\$ 19,726.31	\$ (12,320.87)	\$ 7,405.44	\$	124,385.40	
6	DSDR	<i>W/P R SC 3-12</i>	271,546.90	264,048.84	(164,910.13)	99,138.71		370,685.61	
7	EE	<i>W/P R SC 2-12</i>	449,509.85	390,044.40	(243,574.16)	146,470.24		595,980.09	
8	Total	<i>Σ Lines 5 to 7</i>	<u>\$ 838,036.71</u>	<u>\$ 673,819.55</u>	<u>\$ (420,805.16)</u>	<u>\$ 253,014.39</u>		<u>\$ 1,091,051.10</u>	
<b>Feb 2013 Revenue Adjustment</b>									
9	DSM	<i>Line 5 - Line 1</i>	\$ (11,561.67)	\$ (2,407.92)	\$ (800.49)	\$ (3,208.41)	\$	(14,770.08)	
10	DSDR	<i>Line 6 - Line 2</i>	(26,838.24)	(32,209.39)	(10,714.25)	(42,923.64)		(69,761.88)	
11	EE	<i>Line 7 - Line 3</i>	(44,427.13)	(47,532.41)	(15,825.07)	(63,357.48)		(107,784.61)	
12	Total	<i>Σ Lines 9 to 11</i>	<u>\$ (82,827.04)</u>	<u>\$ (82,149.72)</u>	<u>\$ (27,339.81)</u>	<u>\$ (109,489.53)</u>		<u>\$ (192,316.57)</u>	
<b>Estimated Mar 2013 Revenue Composition</b>									
13	DSM	<i>Doc #2013-76-E WP R-2a</i>	\$ 102,987.79	\$ 21,644.42	\$ (8,955.19)	\$ 12,689.23	\$	115,677.02	
14	DSDR	<i>Doc #2013-76-E WP R-2a</i>	239,066.73	289,702.29	(119,861.75)	169,840.54		408,907.27	
15	EE	<i>Doc #2013-76-E WP R-2a</i>	395,743.24	427,893.62	(177,037.19)	250,856.43		646,599.67	
16	Total	<i>Σ Lines 13 to 15</i>	<u>\$ 737,797.76</u>	<u>\$ 739,240.33</u>	<u>\$ (305,854.13)</u>	<u>\$ 433,386.20</u>		<u>\$ 1,171,183.96</u>	
<b>Actual Mar 2013 Revenue Composition</b>									
17	DSM	<i>W/P R SC 3-12</i>	\$ 122,868.12	\$ 17,155.70	\$ (9,436.49)	\$ 7,719.21	\$	130,587.33	
18	DSDR	<i>W/P R SC 3-12</i>	285,214.03	229,622.45	(126,303.78)	103,318.67		388,532.70	
19	EE	<i>W/P R SC 3-12</i>	472,137.65	339,154.99	(186,552.14)	152,602.85		624,740.50	
20	Total	<i>Σ Lines 17 to 19</i>	<u>\$ 880,219.80</u>	<u>\$ 585,933.14</u>	<u>\$ (322,292.41)</u>	<u>\$ 263,640.73</u>		<u>\$ 1,143,860.53</u>	
<b>Mar 2013 Revenue Adjustment</b>									
21	DSM	<i>Line 17 - Line 13</i>	\$ 19,880.33	\$ (4,488.72)	\$ (481.30)	\$ (4,970.02)	\$	14,910.31	
22	DSDR	<i>Line 18 - Line 14</i>	46,147.30	(60,079.84)	(6,442.03)	(66,521.87)		(20,374.57)	
23	EE	<i>Line 19 - Line 15</i>	76,394.41	(88,738.63)	(9,514.95)	(98,253.58)		(21,859.17)	
24	Total	<i>Σ Lines 21 to 23</i>	<u>\$ 142,422.04</u>	<u>\$ (153,307.19)</u>	<u>\$ (16,438.28)</u>	<u>\$ (169,745.47)</u>		<u>\$ (27,323.43)</u>	
<b>Mar and April 2013 Revenue Adjustment</b>									
25	DSM	<i>Line 9 + Line 21</i>	\$ 8,318.66	\$ (6,896.64)	\$ (1,281.79)	\$ (8,178.43)	\$	140.23	
26	DSDR	<i>Line 10 - Line 22</i>	19,309.06	(92,289.23)	(17,156.28)	(109,445.51)		(90,136.45)	
27	EE	<i>Line 11 - Line 23</i>	31,967.28	(136,271.04)	(25,340.02)	(161,611.06)		(129,643.78)	
28	Total	<i>Σ Lines 25 to 27</i>	<u>\$ 59,595.00</u>	<u>\$ (235,456.91)</u>	<u>\$ (43,778.09)</u>	<u>\$ (279,235.00)</u>		<u>\$ (219,640.00)</u>	
			<i>over</i>	<i>Under</i>	<i>Under</i>	<i>Under</i>	<i>Under</i>		

## Duke Energy Progress

Estimated Test Period DSM/EE Cost Recovery Summary (\$)

### A. SC DSM Program Recovery

			General Service					
			Residential	Billing Amounts	Opt-Out Credits	Net Billings	Lighting	Total
1	Apr-13	W/P R-4 SC 04-13	\$ 104,438.33	\$ 24,341.26	\$ (16,446.82)	\$ 7,894.44	\$ -	\$ 112,332.77
2	May-13	W/P R-4 SC 05-13	74,593.96	20,902.46	(13,321.65)	7,580.81	-	82,174.77
3	Jun-13	W/P R-4 SC 06-13	97,297.40	19,731.21	(11,193.30)	8,537.91	-	105,835.31
4	Jul-13	W/P R-4 SC 07-13	165,383.42	35,386.01	(23,517.28)	11,868.73	-	177,252.15
5	Aug-13	W/P R-4 SC 08-13	188,257.61	34,100.11	(20,201.25)	13,898.86	-	202,156.47
6	Sep-13	W/P R-4 SC 09-13	147,444.14	29,974.07	(18,326.33)	11,647.74	-	159,091.88
7	Oct-13	W/P R-4 SC 10-13	125,053.42	30,481.56	(19,025.05)	11,456.51	-	136,509.93
8	Nov-13	W/P R-4 SC 11-13	127,362.31	27,550.36	(17,660.33)	9,890.03	-	137,252.34
9	Dec-13	W/P R-4 SC 12-13	182,513.65	24,845.62	(14,046.29)	10,799.33	-	193,312.98
10	Jan-14 <sup>1</sup>	W/P R-2a	252,944.93	29,244.73	(19,887.37)	9,357.53	-	262,302.47
11	Feb-14 <sup>1</sup>	W/P R-2a	159,165.01	25,017.00	(15,242.35)	9,774.71	-	168,939.72
12	Mar-14 <sup>1</sup>	W/P R-2a	148,852.33	27,821.67	(11,848.40)	15,973.06	-	164,825.39
13	Period Totals	Σ Lines 1 thru 12 <sup>1</sup>	\$ 1,773,306.51	\$ 329,396.06	\$ (200,716.43)	\$ 128,679.66	\$ -	\$ 1,901,986.18

### B. SC DSDR Program Recovery

			General Service					
			Residential	Billing Amounts	Opt-Out Credits	Net Billings	Lighting	Total
14	Apr-13	W/P R-4 SC 04-13	242,434.51	325,798.36	(220,134.35)	105,664.01	-	348,098.52
15	May-13	W/P R-4 SC 05-13	173,155.81	279,771.24	(178,305.10)	101,466.14	-	274,621.95
16	Jun-13	W/P R-4 SC 06-13	221,473.48	263,700.19	(149,772.01)	113,928.18	-	335,401.66
17	Jul-13	W/P R-4 SC 07-13	283,165.16	439,102.45	(291,818.29)	147,284.16	-	430,449.32
18	Aug-13	W/P R-4 SC 08-13	322,226.65	423,079.22	(250,636.47)	172,442.75	-	494,669.40
19	Sep-13	W/P R-4 SC 09-13	252,370.41	371,886.19	(227,374.40)	144,511.79	-	396,882.20
20	Oct-13	W/P R-4 SC 10-13	214,045.44	378,183.96	(236,043.29)	142,140.67	-	356,186.11
21	Nov-13	W/P R-4 SC 11-13	217,997.47	341,816.06	(219,111.29)	122,704.77	-	340,702.24
22	Dec-13	W/P R-4 SC 12-13	312,394.52	308,263.99	(174,271.98)	133,992.01	-	446,386.53
23	Jan-14 <sup>1</sup>	W/P R-2a	432,946.31	362,844.47	(246,742.13)	116,102.99	-	549,049.30
24	Feb-14 <sup>1</sup>	W/P R-2a	272,430.45	310,390.35	(189,111.50)	121,279.07	-	393,709.52
25	Mar-14 <sup>1</sup>	W/P R-2a	254,779.04	345,188.42	(147,002.86)	198,184.80	-	452,963.84
26	Period Totals <sup>1</sup>	Σ Lines 14 thru 25	\$ 3,199,419.25	\$ 4,150,024.90	\$ (2,530,323.68)	\$ 1,619,701.34	\$ -	\$ 4,819,120.59

### C. SC EE Program Recovery

			General Service					
			Residential	Billing Amounts	Opt-Out Credits	Net Billings	Lighting	Total
27	Apr-13	W/P R-4 SC 04-13	401,316.01	481,207.92	(325,140.96)	156,066.96	-	557,382.97
28	May-13	W/P R-4 SC 05-13	286,636.45	413,225.34	(263,358.68)	149,866.66	-	436,503.11
29	Jun-13	W/P R-4 SC 06-13	370,664.49	389,070.81	(221,166.31)	167,904.50	-	538,568.99
30	Jul-13	W/P R-4 SC 07-13	561,681.30	612,023.80	(406,731.45)	205,292.35	-	766,973.65
31	Aug-13	W/P R-4 SC 08-13	639,291.93	589,614.60	(349,293.75)	240,320.85	-	879,612.78
32	Sep-13	W/P R-4 SC 09-13	500,696.94	518,268.91	(316,875.10)	201,393.81	-	702,090.75
33	Oct-13	W/P R-4 SC 10-13	424,661.43	527,047.37	(328,956.30)	198,091.07	-	622,752.50
34	Nov-13	W/P R-4 SC 11-13	432,502.08	476,363.36	(305,359.41)	171,003.95	-	603,506.03
35	Dec-13	W/P R-4 SC 12-13	619,785.92	429,610.61	(242,870.13)	186,740.48	-	806,526.40
36	Jan-14 <sup>1</sup>	W/P R-2a	858,958.82	505,676.44	(343,866.49)	161,809.11	-	1,020,767.93
37	Feb-14 <sup>1</sup>	W/P R-2a	540,497.83	432,574.00	(263,550.89)	169,022.85	-	709,520.68
38	Mar-14 <sup>1</sup>	W/P R-2a	505,477.69	481,070.16	(204,867.15)	276,203.96	-	781,681.65
39	Period Totals <sup>1</sup>	Σ Lines 27 thru 38	\$ 6,142,170.89	\$ 5,855,753.32	\$ (3,572,036.62)	\$ 2,283,716.55	\$ -	\$ 8,425,887.44

## Duke Energy Progress

Estimated Test Period DSM/EE Cost Recovery Summary (\$)

### D. SC Total DSM/DSDR/EE Recovery

			General Service					
			Residential	Billing Amounts	Opt-Out Credits	Net Billings	Lighting	Total
40	Apr-13	<i>Σ Lines 1, 14 &amp; 27</i>	\$ 748,188.85	\$ 831,347.54	\$ (561,722.13)	\$ 269,625.41	\$ -	\$ 1,017,814.26
41	May-13	<i>Σ Lines 2, 15 &amp; 28</i>	534,386.22	713,899.04	(454,985.43)	258,913.61	-	793,299.83
42	Jun-13	<i>Σ Lines 3, 16 &amp; 29</i>	689,435.37	672,502.21	(382,131.62)	290,370.59	-	979,805.96
43	Jul-13	<i>Σ Lines 4, 17 &amp; 30</i>	1,010,229.88	1,086,512.26	(722,067.02)	364,445.24	-	1,374,675.12
44	Aug-13	<i>Σ Lines 5, 18 &amp; 31</i>	1,149,776.19	1,046,793.93	(620,131.47)	426,662.46	-	1,576,438.65
45	Sep-13	<i>Σ Lines 6, 19 &amp; 32</i>	900,511.49	920,129.17	(562,575.83)	357,553.34	-	1,258,064.83
46	Oct-13	<i>Σ Lines 7, 20 &amp; 33</i>	763,760.29	935,712.89	(584,024.64)	351,688.25	-	1,115,448.54
47	Nov-13	<i>Σ Lines 8, 21 &amp; 34</i>	777,861.86	845,729.78	(542,131.03)	303,598.75	-	1,081,460.61
48	Dec-13	<i>Σ Lines 9, 22 &amp; 35</i>	1,114,694.09	762,720.22	(431,188.40)	331,531.82	-	1,446,225.91
49	Jan-14 <sup>1</sup>	<i>Σ Lines 10, 23 &amp; 36</i>	1,544,850.06	897,765.64	(610,496.00)	287,269.64	-	1,832,119.70
50	Feb-14 <sup>1</sup>	<i>Σ Lines 11, 24 &amp; 37</i>	972,093.29	767,981.36	(467,904.74)	300,076.62	-	1,272,169.91
51	Mar-14 <sup>1</sup>	<i>Σ Lines 12, 25 &amp; 38</i>	909,109.05	854,080.25	(363,718.42)	490,361.83	-	1,399,470.88
52	Period Totals <sup>1</sup>	<i>Σ Lines 40 thru 51</i>	\$ 11,114,896.65	\$ 10,335,174.28	\$ (6,303,076.73)	\$ 4,032,097.55	\$ -	\$ 15,146,994.21

**Note:**

<sup>1</sup> Amounts are based on estimated values employed in Docket 2013-76-E.

## Duke Energy Progress

Estimated DSM/EE Billings for January through March 2014

			General Service			Lighting				
			Residential	Billing Units	Opt-Out Units	Net Billings	Billing Units	Opt-Out Units	Net Units	Total
<b>Estimated Billing Units</b>										
1	Jan-14	<i>Fall 2013 Forecast</i>	277,351,897	340,062,741	(231,248,484)	108,814,257	6,940,056	(305,094)	6,634,962	392,801,115
2	Feb-14	<i>Fall 2013 Forecast</i>	174,523,033	290,902,029	(177,236,643)	113,665,386	5,936,776	(255,390)	5,681,386	293,869,805
3	Mar-14	<i>Fall 2013 Forecast</i>	163,215,270	323,515,246	(137,772,130)	185,743,116	6,602,352	(252,962)	6,349,390	355,307,776
<b>DSM/EE Rates (Net of GRT &amp; Fees)</b>										
4	Net Rates	<i>Doc. 2013-76-E Evans Exh 9</i>	\$ 0.00557	\$ 0.00264	\$ 0.00264	\$ 0.00264	\$ -	\$ -	\$ -	
<b>Estimated Net Revenue Billings</b>										
5	Jan-14	<i>Line 1 X Line 4</i>	\$ 1,544,850.06	\$ 897,765.64	\$ (610,496.00)	\$ 287,269.64	\$ -	\$ -	\$ -	\$ 1,832,119.70
6	Feb-14	<i>Line 2 X Line 4</i>	\$ 972,093.29	\$ 767,981.36	\$ (467,904.74)	\$ 300,076.62	\$ -	\$ -	\$ -	\$ 1,272,169.91
7	Mar-14	<i>Line 3 X Line 4</i>	\$ 909,109.05	854,080.25	(363,718.42)	490,361.83	-	-	-	\$ 1,399,470.88
<b>Dec 2013 Billing Composition</b>										
8	DSM	<i>% of Dec 13 Billings</i>	16.37%	3.26%	3.26%	3.26%	0.00%	0.00%	0.00%	
9	DSDR	<i>% of Dec 13 Billings</i>	28.03%	40.42%	40.42%	40.42%	0.00%	0.00%	0.00%	
10	EE	<i>% of Dec 13 Billings</i>	55.60%	56.33%	56.33%	56.33%	0.00%	0.00%	0.00%	
<b>Estimated Jan 2014 Revenue Composition</b>										
11	DSM	<i>Line 5 X Line 8</i>	\$ 252,944.93	\$ 29,244.73	\$ (19,887.37)	\$ 9,357.53	\$ -	\$ -	\$ -	\$ 262,302.47
12	DSDR	<i>Line 5 X Line 9</i>	432,946.31	362,844.47	\$ (246,742.13)	\$ 116,102.99	\$ -	\$ -	\$ -	549,049.30
13	EE	<i>Line 5 X Line 10</i>	858,958.82	505,676.44	\$ (343,866.49)	\$ 161,809.11	\$ -	\$ -	\$ -	1,020,767.93
14	Total	<i>Σ Lines 11 to 13</i>	\$ 1,544,850.06	\$ 897,765.64	\$ (610,496.00)	\$ 287,269.64	\$ -	\$ -	\$ -	\$ 1,832,119.70
<b>Estimated Feb 2014 Revenue Composition</b>										
15	DSM	<i>Line 6 X Line 8</i>	\$ 159,165.01	\$ 25,017.00	\$ (15,242.35)	\$ 9,774.71	\$ -	\$ -	\$ -	\$ 168,939.72
16	DSDR	<i>Line 8 X Line 9</i>	272,430.45	310,390.35	(189,111.50)	121,279.07	-	-	-	393,709.52
17	EE	<i>Line 8 X Line 10</i>	540,497.83	432,574.00	(263,550.89)	169,022.85	-	-	-	709,520.68
18	Total	<i>Σ Lines 15 to 17</i>	\$ 972,093.29	\$ 767,981.36	\$ (467,904.74)	\$ 300,076.62	\$ -	\$ -	\$ -	\$ 1,272,169.91
<b>Estimated Mar 2014 Revenue Composition</b>										
19	DSM	<i>Line 7 X Line 8</i>	\$ 148,852.33	\$ 27,821.67	\$ (11,848.40)	\$ 15,973.06	\$ -	\$ -	\$ -	\$ 164,825.39
20	DSDR	<i>Line 7 X Line 9</i>	254,779.04	345,188.42	(147,002.86)	198,184.80	-	-	-	452,963.84
21	EE	<i>Line 7 X Line 10</i>	505,477.69	481,070.16	(204,867.15)	276,203.96	-	-	-	781,681.65
22	Total	<i>Σ Lines 19 to 21</i>	\$ 909,109.05	\$ 854,080.25	\$ (363,718.42)	\$ 490,361.83	\$ -	\$ -	\$ -	\$ 1,399,470.88

## Duke Energy Progress

Test Period DSM/DSDR/EE Cost Recovery Units (kWh)

### SC Total Billing Units

			General Service			Lighting			Total	
			Residential	Billing Units	Opt-Out Units	Net Units	Billing Units	Opt-Out Units		Net Units
1	Apr-13	<i>W/P R-4 SC 04-13</i>	172,537,631	374,480,870	(253,027,984)	121,452,886	7,876,916	(368,184)	7,508,732	301,499,249
2	May-13	<i>W/P R-4 SC 05-13</i>	123,298,278	321,576,138	(204,948,390)	116,627,748	7,866,179	(324,273)	7,541,906	247,467,932
3	Jun-13	<i>W/P R-4 SC 06-13</i>	156,897,557	302,041,350	(172,027,868)	130,013,482	7,840,342	(337,401)	7,502,941	294,413,980
4	Jul-13	<i>W/P R-4 SC 07-13</i>	182,885,291	411,730,403	(273,610,238)	138,120,165	7,916,047	(363,127)	7,552,920	328,558,376
5	Aug-13	<i>W/P R-4 SC 08-13</i>	208,064,269	396,512,801	(234,898,285)	161,614,516	8,605,699	(355,172)	8,250,527	377,929,312
6	Sep-13	<i>W/P R-4 SC 09-13</i>	163,002,066	348,530,013	(213,096,908)	135,433,105	7,352,607	(329,396)	7,023,211	305,458,382
7	Oct-13	<i>W/P R-4 SC 10-13</i>	138,278,963	354,436,704	(221,221,455)	133,215,249	7,902,667	(357,313)	7,545,354	279,039,566
8	Nov-13	<i>W/P R-4 SC 11-13</i>	140,750,224	320,350,575	(205,352,665)	114,997,910	7,588,456	(297,637)	7,290,819	263,038,953
9	Dec-13	<i>W/P R-4 SC 12-13</i>	201,623,601	288,921,442	(163,328,938)	125,592,504	7,944,117	(349,235)	7,594,882	334,810,987
10	Jan-14	<i>Fall 2013 Forecast</i>	277,351,897	340,062,741	(231,248,484)	108,814,257	6,940,056	(305,094)	6,634,962	392,801,115
11	Feb-14	<i>Fall 2013 Forecast</i>	174,523,033	290,902,029	(177,236,643)	113,665,386	5,936,776	(255,390)	5,681,386	293,869,805
12	Mar-14	<i>Fall 2013 Forecast</i>	163,215,270	323,515,246	(137,772,130)	185,743,116	6,602,352	(252,962)	6,349,390	355,307,776
13	Period Totals	<i>Σ Lines 1 thru 12</i>	2,102,428,080	4,073,060,312	(2,487,769,988)	1,585,290,324	90,372,214	(3,895,184)	86,477,030	3,774,195,434



Source: RMCRY4  
State: South Carolina

**DSM/EE Rate Billings (net of GRT & SC Reg fee)**  
*Month of Febuary 2013*

Rate Class	KWH	DSM	DSDR	EE	Total Recovery
Residential	193,217,480	\$ 116,979.96	\$ 271,546.90	\$ 449,509.85	\$ 838,036.71
Res RECD <i>(reflected above)</i>	-	-	-	-	-
Net Residential	193,217,480	\$ 116,979.96	\$ 271,546.90	\$ 449,509.85	\$ 838,036.71
Small General Service	21,038,239	\$ 1,367.49	\$ 18,303.27	\$ 27,034.14	\$ 46,704.90
Medium General Svc	121,460,705	7,897.88	105,729.94	156,205.56	269,833.38
Large General Service	160,937,506	10,460.94	140,015.63	206,804.70	357,281.27
Less: Opt-Outs	(189,551,873)	(12,320.87)	(164,910.13)	(243,574.16)	(420,805.16)
Net General Service	113,884,577	\$ 7,405.44	\$ 99,138.71	\$ 146,470.24	\$ 253,014.39
Lighting	7,820,655	\$ -	\$ -	\$ -	\$ -
Less: Opt Outs	(316,522)	-	-	-	-
Net Lighting	7,504,133	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>314,606,190</b>	<b>\$ 124,385.40</b>	<b>\$ 370,685.61</b>	<b>\$ 595,980.09</b>	<b>\$ 1,091,051.10</b>

Source: RMCRY4  
State: South Carolina

**DSM/EE Rate Billings (net of GRT & SC Reg fee)**  
*Month of March 2013*

Rate Class	KWH	DSM	DSDR	EE	Total Recovery
Residential	202,938,346	\$ 122,868.12	\$ 285,214.03	\$ 472,137.65	\$ 880,219.80
Res RECD (reflected above)	-	-	-	-	-
<b>Net Residential</b>	<b>202,938,346</b>	<b>\$ 122,868.12</b>	<b>\$ 285,214.03</b>	<b>\$ 472,137.65</b>	<b>\$ 880,219.80</b>
Small General Service	22,197,417	\$ 1,442.83	\$ 19,311.75	\$ 28,523.68	\$ 49,278.26
Medium General Svc	124,856,329	8,115.66	108,625.01	160,440.38	277,181.05
Large General Service	116,880,105	7,597.21	101,685.69	150,190.93	259,473.83
Less: Opt-Outs	(145,176,763)	(9,436.49)	(126,303.78)	(186,552.14)	(322,292.41)
<b>Net General Service</b>	<b>118,757,088</b>	<b>\$ 7,719.21</b>	<b>\$ 103,318.67</b>	<b>\$ 152,602.85</b>	<b>\$ 263,640.73</b>
Lighting	7,840,743	\$ -	\$ -	\$ -	\$ -
Less: Opt Outs	(337,155)	-	-	-	-
<b>Net Lighting</b>	<b>7,503,588</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total</b>	<b>329,199,022</b>	<b>\$ 130,587.33</b>	<b>\$ 388,532.70</b>	<b>\$ 624,740.50</b>	<b>\$ 1,143,860.53</b>

Source: RMCRY4  
State: South Carolina

**DSM/EE Rate Billings (net of GRT & SC Reg fee)**  
*Month of April 2013*

Rate Class	KWH	DSM	DSDR	EE	Total Recovery
Residential	172,537,631	\$ 104,438.33	\$ 242,434.51	\$ 401,316.01	\$ 748,188.85
Res RECD <i>(reflected above)</i>	-	-	-	-	-
Net Residential	172,537,631	\$ 104,438.33	\$ 242,434.51	\$ 401,316.01	\$ 748,188.85
Small General Service	21,359,789	\$ 1,388.39	\$ 18,583.02	\$ 27,447.33	\$ 47,418.74
Medium General Svc	132,376,672	8,604.48	115,167.70	170,104.02	293,876.20
Large General Service	220,744,409	14,348.39	192,047.64	283,656.57	490,052.60
Less: Opt-Outs	(253,027,984)	(16,446.82)	(220,134.35)	(325,140.96)	(561,722.13)
Net General Service	121,452,886	\$ 7,894.44	\$ 105,664.01	\$ 156,066.96	\$ 269,625.41
Lighting	7,876,916	\$ -	\$ -	\$ -	\$ -
Less: Opt Outs	(368,184)	-	-	-	-
Net Lighting	7,508,732	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>301,499,249</b>	<b>\$ 112,332.77</b>	<b>\$ 348,098.52</b>	<b>\$ 557,382.97</b>	<b>\$ 1,017,814.26</b>

Source: RMCRY4  
State: South Carolina

**DSM/EE Rate Billings (net of GRT & SC Reg fee)**  
*Month of May 2013*

Rate Class	KWH	DSM	DSDR	EE	Total Recovery
Residential	123,298,278	\$ 74,593.96	\$ 173,155.81	\$ 286,636.45	\$ 534,386.22
Res RECD <i>(reflected above)</i>	-	-	-	-	-
<b>Net Residential</b>	<b>123,298,278</b>	<b>\$ 74,593.96</b>	<b>\$ 173,155.81</b>	<b>\$ 286,636.45</b>	<b>\$ 534,386.22</b>
Small General Service	18,688,479	\$ 1,214.75	\$ 16,258.98	\$ 24,014.70	\$ 41,488.43
Medium General Svc	128,449,925	8,349.25	111,751.43	165,058.15	285,158.83
Large General Service	174,437,734	11,338.46	151,760.83	224,152.49	387,251.78
Less: Opt-Outs	(204,948,390)	(13,321.65)	(178,305.10)	(263,358.68)	(454,985.43)
<b>Net General Service</b>	<b>116,627,748</b>	<b>\$ 7,580.81</b>	<b>\$ 101,466.14</b>	<b>\$ 149,866.66</b>	<b>\$ 258,913.61</b>
Lighting	7,866,179	\$ -	\$ -	\$ -	\$ -
Less: Opt Outs	(324,273)	-	-	-	-
<b>Net Lighting</b>	<b>7,541,906</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total</b>	<b>247,467,932</b>	<b>\$ 82,174.77</b>	<b>\$ 274,621.95</b>	<b>\$ 436,503.11</b>	<b>\$ 793,299.83</b>

Source: RMCRY4  
State: South Carolina

**DSM/EE Rate Billings (net of GRT & SC Reg fee)**  
*Month of June 2013*

Rate Class	KWH	DSM	DSDR	EE	Total Recovery
Residential	156,897,557	\$ 97,297.40	\$ 221,473.48	\$ 370,664.49	\$ 689,435.37
Res RECD <i>(reflected above)</i>	-	-	-	-	-
Net Residential	156,897,557	\$ 97,297.40	\$ 221,473.48	\$ 370,664.49	\$ 689,435.37
Small General Service	22,841,906	\$ 1,506.54	\$ 20,077.09	\$ 29,561.67	\$ 51,145.30
Medium General Svc	139,061,594	9,115.71	121,703.18	179,432.00	310,250.89
Large General Service	140,137,850	9,108.96	121,919.92	180,077.14	311,106.02
Less: Opt-Outs	(172,027,868)	(11,193.30)	(149,772.01)	(221,166.31)	(382,131.62)
Net General Service	130,013,482	\$ 8,537.91	\$ 113,928.18	\$ 167,904.50	\$ 290,370.59
Lighting	7,840,342	\$ -	\$ -	\$ -	\$ -
Less: Opt Outs	(337,401)	-	-	-	-
Net Lighting	7,502,941	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>294,413,980</b>	<b>\$ 105,835.31</b>	<b>\$ 335,401.66</b>	<b>\$ 538,568.99</b>	<b>\$ 979,805.96</b>

Source: RMCY4  
State: South Carolina

## DSM/EE Rate Billings *(net of GRT & SC Reg fee)*

*Month of July 2013*

Rate Class	KWH	DSM	DSDR	EE	Total Recovery
Residential	182,885,291	\$ 165,383.42	\$ 283,165.16	\$ 561,681.30	\$ 1,010,229.88
Res RECD <i>(reflected above)</i>	-	-	-	-	-
Net Residential	182,885,291	\$ 165,383.42	\$ 283,165.16	\$ 561,681.30	\$ 1,010,229.88
Small General Service	25,164,235	\$ 2,163.76	\$ 26,846.78	\$ 37,415.67	\$ 66,426.21
Medium General Svc	145,908,969	12,531.74	155,530.70	216,808.56	384,871.00
Large General Service	240,657,199	20,690.51	256,724.97	357,799.57	635,215.05
Less: Opt-Outs	(273,610,238)	(23,517.28)	(291,818.29)	(406,731.45)	(722,067.02)
Net General Service	138,120,165	\$ 11,868.73	\$ 147,284.16	\$ 205,292.35	\$ 364,445.24
Lighting	7,916,047	\$ -	\$ -	\$ -	\$ -
Less: Opt Outs	(363,127)	-	-	-	-
Net Lighting	7,552,920	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>328,558,376</b>	<b>\$ 177,252.15</b>	<b>\$ 430,449.32</b>	<b>\$ 766,973.65</b>	<b>\$ 1,374,675.12</b>

Source: RMCY4  
State: South Carolina

## DSM/EE Rate Billings *(net of GRT & SC Reg fee)*

*Month of August 2013*

Rate Class	KWH	DSM	DSDR	EE	Total Recovery
Residential	208,064,269	\$ 188,257.61	\$ 322,226.65	\$ 639,291.93	\$ 1,149,776.19
Res RECD <i>(reflected above)</i>	-	-	-	-	-
Net Residential	208,064,269	\$ 188,257.61	\$ 322,226.65	\$ 639,291.93	\$ 1,149,776.19
Small General Service	28,920,573	\$ 2,487.15	\$ 30,858.11	\$ 43,004.75	\$ 76,350.01
Medium General Svc	164,554,216	14,151.68	175,579.55	244,692.33	434,423.56
Large General Service	203,038,012	17,461.28	216,641.56	301,917.52	536,020.36
Less: Opt-Outs	(234,898,285)	(20,201.25)	(250,636.47)	(349,293.75)	(620,131.47)
Net General Service	161,614,516	\$ 13,898.86	\$ 172,442.75	\$ 240,320.85	\$ 426,662.46
Lighting	8,605,699	\$ -	\$ -	\$ -	\$ -
Less: Opt Outs	(355,172)	-	-	-	-
Net Lighting	8,250,527	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>377,929,312</b>	<b>\$ 202,156.47</b>	<b>\$ 494,669.40</b>	<b>\$ 879,612.78</b>	<b>\$ 1,576,438.65</b>

Source: RMCY4  
State: South Carolina

## DSM/EE Rate Billings *(net of GRT & SC Reg fee)*

*Month of September 2013*

Rate Class	KWH	DSM	DSDR	EE	Total Recovery
Residential	163,002,066	\$ 147,444.14	\$ 252,370.41	\$ 500,696.94	\$ 900,511.49
Res RECD <i>(reflected above)</i>	-	-	-	-	-
Net Residential	163,002,066	\$ 147,444.14	\$ 252,370.41	\$ 500,696.94	\$ 900,511.49
Small General Service	24,507,938	\$ 2,107.86	\$ 26,151.62	\$ 36,445.00	\$ 64,704.48
Medium General Svc	142,366,763	12,243.86	151,908.35	211,702.47	375,854.68
Large General Service	181,655,312	15,622.35	193,826.22	270,121.44	479,570.01
Less: Opt-Outs	(213,096,908)	(18,326.33)	(227,374.40)	(316,875.10)	(562,575.83)
Net General Service	135,433,105	\$ 11,647.74	\$ 144,511.79	\$ 201,393.81	\$ 357,553.34
Lighting	7,352,607	\$ -	\$ -	\$ -	\$ -
Less: Opt Outs	(329,396)	-	-	-	-
Net Lighting	7,023,211	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>305,458,382</b>	<b>\$ 159,091.88</b>	<b>\$ 396,882.20</b>	<b>\$ 702,090.75</b>	<b>\$ 1,258,064.83</b>



Source: RMCRY4  
State: South Carolina

## DSM/EE Rate Billings *(net of GRT & SC Reg fee)*

*Month of October 2013*

Rate Class	KWH	DSM	DSDR	EE	Total Recovery
Residential	138,278,963	\$ 125,053.42	\$ 214,045.44	\$ 424,661.43	\$ 763,760.29
Res RECD <i>(reflected above)</i>	-	-	-	-	-
Net Residential	138,278,963	\$ 125,053.42	\$ 214,045.44	\$ 424,661.43	\$ 763,760.29
Small General Service	21,659,482	\$ 1,862.72	\$ 23,110.67	\$ 32,207.65	\$ 57,181.04
Medium General Svc	140,662,782	12,097.00	150,087.19	209,165.56	371,349.75
Large General Service	192,114,440	16,521.84	204,986.10	285,674.16	507,182.10
Less: Opt-Outs	(221,221,455)	(19,025.05)	(236,043.29)	(328,956.30)	(584,024.64)
Net General Service	133,215,249	\$ 11,456.51	\$ 142,140.67	\$ 198,091.07	\$ 351,688.25
Lighting	7,902,667	\$ -	\$ -	\$ -	\$ -
Less: Opt Outs	(357,313)	-	-	-	-
Net Lighting	7,545,354	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>279,039,566</b>	<b>\$ 136,509.93</b>	<b>\$ 356,186.11</b>	<b>\$ 622,752.50</b>	<b>\$ 1,115,448.54</b>

Source: RMCY4  
State: South Carolina

## DSM/EE Rate Billings *(net of GRT & SC Reg fee)*

*Month of November 2013*

Rate Class	KWH	DSM	DSDR	EE	Total Recovery
Residential	140,750,224	\$ 127,362.31	\$ 217,997.47	\$ 432,502.08	\$ 777,861.86
Res RECD <i>(reflected above)</i>	-	-	-	-	-
Net Residential	140,750,224	\$ 127,362.31	\$ 217,997.47	\$ 432,502.08	\$ 777,861.86
Small General Service	18,547,722	\$ 1,595.32	\$ 19,792.42	\$ 27,582.52	\$ 48,970.26
Medium General Svc	123,083,016	10,585.14	131,329.58	183,024.44	324,939.16
Large General Service	178,719,837	15,369.90	190,694.06	265,756.40	471,820.36
Less: Opt-Outs	(205,352,665)	(17,660.33)	(219,111.29)	(305,359.41)	(542,131.03)
Net General Service	114,997,910	\$ 9,890.03	\$ 122,704.77	\$ 171,003.95	\$ 303,598.75
Lighting	7,588,456	\$ -	\$ -	\$ -	\$ -
Less: Opt Outs	(297,637)	-	-	-	-
Net Lighting	7,290,819	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>263,038,953</b>	<b>\$ 137,252.34</b>	<b>\$ 340,702.24</b>	<b>\$ 603,506.03</b>	<b>\$ 1,081,460.61</b>

Source: RMCRY4  
State: South Carolina

## DSM/EE Rate Billings *(net of GRT & SC Reg fee)*

*Month of December 2013*

Rate Class	KWH		DSM		DSDR		EE		Total Recovery
Residential	201,623,601	\$	182,513.65	\$	312,394.52	\$	619,785.92	\$	1,114,694.09
Res RECD <i>(reflected above)</i>	-		-		-		-		-
Net Residential	201,623,601	\$	182,513.65	\$	312,394.52	\$	619,785.92	\$	1,114,694.09
Small General Service	21,655,211	\$	1,860.73	\$	23,090.92	\$	32,185.72	\$	57,137.37
Medium General Svc	131,162,129		11,279.94		139,949.99		195,038.09		346,268.02
Large General Service	136,104,102		11,704.95		145,223.08		202,386.80		359,314.83
Less: Opt-Outs	(163,328,938)		(14,046.29)		(174,271.98)		(242,870.13)		(431,188.40)
Net General Service	125,592,504	\$	10,799.33	\$	133,992.01	\$	186,740.48	\$	331,531.82
Lighting	7,944,117	\$	-	\$	-	\$	-	\$	-
Less: Opt Outs	(349,235)		-		-		-		-
Net Lighting	7,594,882	\$	-	\$	-	\$	-	\$	-
<b>Total</b>	<b>334,810,987</b>	<b>\$</b>	<b>193,312.98</b>	<b>\$</b>	<b>446,386.53</b>	<b>\$</b>	<b>806,526.40</b>	<b>\$</b>	<b>1,446,225.91</b>