

Progress Energy Carolinas, Inc.

Demand Side Management and Energy Efficiency Programs

Progress Energy Carolinas, 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. 2013-____ -E

March 1, 2013

Recovery request for actual and estimated DSM/EE costs incurred from April 1, 2012 through March 31, 2013 and for forecasted costs covering both the period July 1, 2013 through June 30, 2014. This request will result in the modification of rates associated with the Company's DSM/EE rider.

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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.
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Please refer to Appendix A which provides a listing of industrial and large commercial customers, as of January 31, 2013, that have opted out of participation in PEC'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) PEC 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, 2013 through June 30, 2014, are provided in the following table:

Projected South Carolina Retail Monthly kWh Sales

Month	Estimated kWh
Jul-13	599,275,340
Aug-13	638,309,404
Sep-13	604,773,708
Oct-13	515,685,131
Nov-13	466,065,156
Dec-13	523,036,678
Jan-14	627,102,943
Feb-14	565,324,961
Mar-14	513,797,952
Apr-14	496,768,318
May-14	480,869,652
Jun-14	568,883,084
Total	6,599,892,327

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

(h) Filing Requirements and Procedure.

(1) PEC 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, 2013 through June 30, 2014, 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	
Demand-Side Management Programs						
CIG DR	1,982,360				146,755	2,129,115
EnergyWise™	8,859,895				2,811,328	11,671,223
DSDR Implementation	10,206,452	13,204,666	12,468,826	7,093,373	-	42,973,317
Energy Efficiency Programs						
Residential Home Advantage	7,392				577,918	585,310
Res Home Energy Improvement	5,857,133				1,417,193	7,274,326
Residential Low Income-NES	2,112,611				598,032	2,710,643
Lighting - Residential	4,644,708				11,922,153	16,566,861
Lighting - General Service	472,047				4,810,321	5,282,368
Residential Appliance Recycling	1,475,561				1,131,165	2,606,726
Residential EE Benchmark	654,458				861,627	1,516,086
Solar Hot Water Heating Pilot	-				-	-
CIG Energy Efficiency	9,080,746				10,470,698	19,551,445
Small Business Direct Install	3,629,303				206,784	3,836,087
Residential New Construction	4,896,291				250,913	5,147,204
CFL Pilot	-				10,473	10,473
Program Subtotals	53,878,956	13,204,666	12,468,826	7,093,373	35,215,362	121,861,183
Administrative and General						
Carrying Costs						2,701,111
Expenditure Totals						12,580,670
						137,142,964

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)
Demand-Side Management Programs (Calculated on EOY 2013 MW Capabilities - at the meter)				
CIG DR	1,982,360	30-yrs	\$17,534	NA
EnergyWise™	8,859,895	30-yrs	\$13,188	NA
DSDR Implementation	42,973,317	30-yrs	\$14,333	NA
Energy Efficiency Programs (Calculated Using Rate Period MWH Savings - at the meter)				
Res Home Advantage	7,392	20-yrs	NA	\$5
Res Home Energy Improvement	5,857,133	15-yrs	NA	\$85
Residential Low Income	2,112,611	10-yrs	NA	\$117
CIG Energy Efficiency	9,080,746	10-yrs	NA	\$17
Lighting (Residential)	4,644,708	7-yrs	NA	\$13
Lighting (General Service)	472,047	3-yrs	NA	\$7
Res Appliance Recycling	1,475,561	10-yrs	NA	\$33
Residential EE Benchmarking	654,458	1-yr	NA	\$62
Small Business Direct Install	3,629,303	10-yrs	NA	\$36
Residential New Construction	4,896,291	20-yrs	NA	\$36

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, 2013 through June 30, 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)					Total Costs and Incentives
	O&M	Depreciation	Capital Costs	Income and General Taxes	PPI and Net Lost Revenue	
Demand-Side Management Programs						
CIG DR	268,213				19,856	288,069
EnergyWise™	1,198,744				380,373	1,579,116
DSDR Implementation	1,380,933	1,654,744	1,647,001	1,178,219	-	5,860,898
Energy Efficiency Programs						
Res Home Advantage	1,030				80,562	81,592
Res Home Energy Improve.	816,484				197,557	1,014,041
Residential Low Income-NES	294,498				83,366	377,864
Lighting - Residential	647,472				1,661,948	2,309,420
Lighting - General Service	65,803				670,559	736,362
Res Appliance Recycling	205,693				157,684	363,378
Residential EE Benchmark	91,232				120,111	211,342
Solar Hot Water Heating Pilot	-				-	-
CIG Energy Efficiency	1,265,856				1,459,615	2,725,471
Small Business Direct Install	505,925				28,826	534,751
Residential New Construction	682,543				34,977	717,520
CFL Pilot	-				10,473	10,473
Program Subtotals	7,424,427	1,654,744	1,647,001	1,178,219	4,905,906	16,810,298
Administrative and General						373,879
Carrying Costs with Income Taxes						1,864,640
Expenditure Totals						19,048,817

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

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

(h) Filing Requirements and Procedure.

(1) PEC 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 PEC 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 PEC 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, 2013 through June 30, 2014, are provided in attached Appendix B. In terms of variations in estimated future amounts since its last reporting, PEC 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) PEC 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;
-

Demand Side Management Portfolio

DSDR

A critical component of the DSDR program is the Distribution Management System (“DMS”). The DMS has been placed into service and will be used to determine DSDR program energy savings (MWh) and demand reduction (MW) in real time.

Evaluation, Measurement and Verification (“EM&V”) activities related to the DSDR program will focus on measuring the peak load reduction impact observed at PEC’s Energy Control Center and Distribution Control Center, using data from the DMS. PEC is developing a customized EM&V protocol specifically for the DSDR program to be implemented to efficiently and effectively gauge its performance. EM&V activities in 2013 will employ the customized EM&V protocol and utilize the DMS impact reports.

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.

EnergyWiseSM

PEC has contracted with independent, third-party consultant, Navigant Consulting, to provide the appropriate EM&V support for determining the demand and energy impacts of the EnergyWiseSM program.

Navigant is performing program evaluations for Progress Energy Carolinas’ EnergyWiseSM program including all relevant impact and process evaluation services required to support continued program planning, implementation, and system resource planning and forecasting, and regulatory filings.

EM&V services to be performed through June 2014 include:

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

The total estimated budget for EnergyWiseSM EM&V activities for the rate period is \$260,000.

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

CIG Demand Response Program

PEC has contracted with the independent, third-party consultant, Navigant Consulting, to provide the appropriate EM&V for determining the demand and energy impacts of the CIG Demand Response program.

Navigant is performing program evaluations for Progress Energy Carolinas' 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 2014 include:

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

The total estimated budget for CIG Demand Response EM&V activities for the rate period is \$25,000.

Energy Efficiency Portfolio

PEC has contracted with the independent, third-party consultant, Navigant Consulting, to provide the appropriate EM&V support for determining the demand and energy impacts of the energy efficiency portfolio.

Navigant is performing program evaluations for Progress Energy Carolinas' 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, 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 2014 for all energy efficiency portfolio programs 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)c - Continued

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

Program	Rate Period Budget
Neighborhood Energy Saver	\$109,002
Lighting	\$189,357
Appliance Recycling	\$88,165
Home Energy Improvement	\$102,000
Energy Efficiency for Business	\$416,500
Small Business Energy Saver	\$254,500
Residential New Construction	\$217,000
Residential Energy Efficient Benchmarking	\$138,502

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

(h) Filing Requirements and Procedure.

(1) PEC 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 cumulative 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 Values (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	3.8	22.4	99.9	0.0	2.6	0.3	5.9	4.2	0.5	1.8	12.3	0.0	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	0.0	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	0.0	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	0.0	3.6	3.7	62.7

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	1.6	1.6	TBD	0.0	4.4	0.5	8.2	3.6	0.5	2.3	5.5	0.0	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	0.0	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	0.0	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	0.0	1.5	4.6	20.4

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

(h) Filing Requirements and Procedure.

- (1) PEC 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 cumulative 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
2013	86	409	22,102	78	4,583	1,801	51,479	24,091	4,480	10,499	52,993	0	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	0	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	0	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	0	15,000	6,155	128,161

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

(h) Filing Requirements and Procedure.

- (1) PEC 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, 2012 through March 31, 2013, 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 ¹	Depreciation	Capital Costs	Income and General Taxes	PPI and Net Lost Revenue	
Demand-Side Management Programs						
CIG DR	1,015,245				136,197	1,151,442
EnergyWise™	7,838,160				2,622,398	10,460,557
DSDR Implementation ²	6,929,425	8,740,564	10,551,296	6,040,578	-	32,261,862
Energy Efficiency Programs						
Res Home Advantage	518,385				704,217	1,222,602
Res Home Energy Improve.	6,222,128				1,404,686	7,626,814
Residential Low Income-NES ³	2,037,573				725,410	2,762,983
Lighting (Residential)	6,044,028				11,767,294	17,811,321
Lighting (General Service)	669,426				9,288,146	9,957,572
Res Appliance Recycling	1,440,509				959,598	2,400,107
Residential EE Benchmark	803,168				859,893	1,663,061
Solar Hot Water Heating Pilot ⁴	-				-	-
CIG Energy Efficiency	8,428,559				8,608,845	17,037,404
Small Business Direct Install	658,766				186	658,951
Residential New Construction	508,968				202	509,170
CFL Pilot	-				10,473	10,473
Program Subtotals	43,114,339	8,740,564	10,551,296	6,040,578	37,087,544	105,534,321
Administrative and General						2,343,725
Carrying Costs with Income Taxes						9,626,081
Expenditure Totals						117,504,127

¹ 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.

² 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.

³ 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.

⁴ 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, 2012 through March 31, 2013, 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 ¹	Depreciation	Capital Costs	Income and General Taxes	PPI and Net Lost Revenue	
Demand-Side Management Programs						
CIG DR	135,819				18,209	154,028
EnergyWise™	1,048,592				350,615	1,399,207
DSDR Implementation ²	927,625	1,169,393	1,421,970	981,287	-	4,500,275
Energy Efficiency Programs						
Res Home Advantage	73,265				99,154	172,419
Res Home Energy Improvement	877,248				197,780	1,075,028
Residential Low Income-NES ³	287,465				102,138	389,603
Lighting (Residential)	859,423				1,656,835	2,516,258
Lighting (General Service)	87,344				1,307,771	1,395,115
Res Appliance Recycling	203,260				135,111	338,371
Residential EE Benchmark	113,100				121,073	234,173
Solar Hot Water Heating Pilot ⁴	-				-	-
CIG Energy Efficiency	1,189,634				1,212,125	2,401,759
Small Business Direct Install	92,830				26	92,856
Residential New Construction	71,742				28	71,770
CFL Pilot	-				10,473	10,473
Program Subtotals	5,967,346	1,169,393	1,421,970	981,287	5,211,339	14,751,335
Administrative and General						326,646
Carrying Costs with Income Taxes						1,451,601
Expenditure Totals						16,529,581

¹ 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.

² 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.

³ 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.

⁴ 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)
Demand-Side Management Programs (Calculated on EOY 2012 MW Capabilities - at the meter)				
CIG DR	1,015,245	30-yrs	\$15,326	NA
EnergyWise™	7,838,160	30-yrs	\$11,089	NA
DSDR Implementation	32,261,862	30-yrs	\$10,126	NA
Energy Efficiency Programs (Calculated Using Test Period MWH Savings - at the meter)				
Res Home Advantage	518,385	20-yrs	NA	\$9
Res Home Energy Improvement	6,222,128	15-yrs	NA	\$78
Residential Low Income	2,037,573	10-yrs	NA	\$110
CIG Energy Efficiency	8,428,559	10-yrs	NA	\$16
Lighting (Residential)	6,044,028	7-yrs	NA	\$11
Lighting (General Service)	669,426	3-yrs	NA	\$3
Res Appliance Recycling	1,440,509	10-yrs	NA	\$33
Residential EE Benchmarking	803,168	1-yr	NA	\$78
Small Business Direct Install	658,766	10-yrs	NA	NA
Residential New Construction	508,968	20-yrs	NA	NA

The Company's proposed jurisdictional allocation factors for the test period, April 1, 2012 through March 31, 2013, are provided in attached Appendix B.

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

(h) Filing Requirements and Procedure.

(1) PEC 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 PEC 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 PEC 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, 2012, used a surrogate for test period activity, is provided on attached Appendix C. PEC's proposed jurisdictional allocation factors have been provided on attached Appendix B. In terms of variations in estimated future amounts, PEC 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) PEC 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

A critical component of the DSDR program is the Distribution Management System (“DMS”). The DMS has been placed in service and will be used to determine DSDR program energy savings (MWh) and demand reduction (MW) in real time.

Evaluation, Measurement and Verification (“EM&V”) activities related to the DSDR program will focus on measuring the peak load reduction impact observed at PEC’s Energy Control Center and Distribution Control Center, using data from the DMS. PEC is developing a customized EM&V protocol specifically for the DSDR program to be implemented to efficiently and effectively gauge its performance. EM&V activities in 2013 will employ the customized EM&V protocol and utilize the DMS impact reports.

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.

EnergyWiseSM

PEC has contracted with independent, third-party consultant, Navigant Consulting, to provide the appropriate EM&V support for determining the demand and energy impacts of the EnergyWiseSM program.

EM&V services to be performed through March 2013 include:

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

EnergyWiseSM EM&V results for Summer 2012 and Winter 2011-2012 are contained in the EnergyWiseSM EM&V report dated September 28, 2012 filed with the Commission on October 1, 2012 in Docket 2008-251-E.

Total actual and estimated cost of EnergyWiseSM EM&V activities for the test period through March 2013 are \$230,211.

Provision (h)(1)(ii)h – Continued

Demand Response Automation Program

PEC has contracted with independent, third-party consultant, Navigant Consulting, to provide the appropriate EM&V support for determining the demand and energy impacts of the CIG Demand Response program.

Navigant is performing evaluations for Progress Energy Carolinas' Demand Response Automation 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 2013 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 Demand Response Automation Program EM&V report dated September 28, 2012 filed with the Commission on October 1, 2012 in Docket 2008-251-E.

Total actual and estimated cost of Demand Response Automation Program EM&V activities for the test period through March 2013 are \$37,781.

Energy Efficiency Portfolio

PEC has contracted with independent, third-party consultant, Navigant Consulting, to provide the appropriate EM&V support for determining the demand and energy impacts of the energy efficiency portfolio.

Navigant is performing program evaluations for Progress Energy Carolinas' 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, Lighting Program, Appliance Recycling Program, Home Energy Improvement Program, Energy Efficiency for Business Program, Home Advantage Program, Small Business Energy Saver, Solar Hot Water Pilot, Residential New Construction, and Residential Energy Efficient Benchmarking are the programs that make up the energy efficiency portfolio.

Provision (h)(1)(ii)h – Continued

EM&V services performed through March 2013 include:

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

Test period actual and budgeted costs through March 2013 for EE portfolio EM&V activities is summarized in the following table

Program	Test Period Actual and Budget
Neighborhood Energy Saver	\$168,975
Lighting	\$411,402
Appliance Recycling	\$56,603
Home Advantage	\$28,367
Home Energy Improvement	\$143,496
Energy Efficiency for Business	\$480,875
Residential Energy Efficient Benchmarking	\$137,390
Small Business Energy Saver	\$46,474
Residential New Construction	\$86,077

Provision (h)(1)(ii)h – Continued

Neighborhood Energy Saver Program

EM&V services performed through March 2013 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 2010 are contained in the Neighborhood Energy Saver Program EM&V report dated June 27, 2012 filed on June 29, 2012 in Docket 2009-190-E.

Lighting Program

EM&V services performed through March 2013 include:

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

EM&V results for the program years 2010 and 2011 are contained in the Lighting Program EM&V report dated June 27, 2012 filed on June 29, 2012 in Docket 2010-41-E.

Appliance Recycling Program

EM&V services performed through March 2013 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

Home Advantage Program

EM&V services performed through March 2013 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 2010 and 2011 are contained in the Home Advantage Program EM&V report dated September 27, 2012 filed with the Commission on October 1, 2012 in Docket 2008-251-E.

Home Energy Improvement Program

EM&V services performed through March 2013 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 2010 and 2011 are contained in the Home Energy Improvement Program EM&V report dated June 27, 2012 filed on June 29, 2012 in Docket 2008-251-E.

Energy Efficiency for Business Program

EM&V services performed through March 2013 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 program years 2010 and 2011 are contained in the Energy Efficiency for Business Program EM&V report dated June 27, 2012 filed on June 29, 2012 in Docket 2008-251-E.

Provision (h)(1)(ii)h – Continued

Residential Energy Efficient Benchmarking Program

EM&V services performed through March 2013 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 2011-2012 program period are contained in the Residential Energy Efficient Benchmarking Program EM&V report dated December 21, 2012 filed with the Commission on January 7, 2013 in Docket 2011-180-E.

Test period actual and budgeted costs through March 2013 for EE portfolio EM&V activities are summarized in the following table:

Program	Test Period Actual and Budget
Neighborhood Energy Saver	\$168,975
Lighting	411,402
Appliance Recycling	56,603
Home Advantage	28,367
Home Energy Improvement	143,496
Energy Efficiency for Business	480,875
Residential Energy Efficient Benchmarking	137,390
Small Business Energy Saver	46,474
Residential New Construction	86,077

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

(h) Filing Requirements and Procedure.

(1) PEC 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) PEC 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) PEC 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 14,809 participants from its inception through December 2012. 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'. However, the Program has been successful meeting the manpower needs with minimal interruption.

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 2011, 4,641 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 PEC 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 PEC territory and effective promotion of the program in the marketplace.

As a result of the initial EM&V analysis, PEC was able to determine the extent of non-residential participation in this program. This determination allowed PEC 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 PEC 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 met its goal for the past two years surpassing 22,600 appliances recycled program to date. Overall program success can be attributed to higher customer interest in energy efficiency, PEC'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 PEC 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 676 prequalified contractors from a list provided by Company to install energy efficiency measures. Program to date, 90,200 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 PEC'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. Since this is a new program just launched, detailed participation is not available. 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.

Energy Efficiency for Business (EEB) Program

The Energy Efficiency for Business (EEB) program promotes energy efficient construction and retrofit in Progress Energy's commercial, industrial, and governmental markets. During its fourth full year of operation, 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 2012 can be attributed to greater customer knowledge of EEB, and the maturation of the program's trade ally network. Despite these positive developments, PEC 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 three full years of program performance, PEC now has a better sense of the negative impact an increasing rider poses to EEB program.

Residential Load Control Program (EnergyWiseSM)

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 rates to the direct mail campaign has averaged 1.2% 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 in response to system reliability alerts under General Load Reduction Plan (GLRP) and system testing.

The winter program (load control of water heating and auxiliary heat strips on central electric heat pumps) is available to PEC'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 being in poor condition and/or in need of repair and customers who are unaware of their energy source for water and space heating. While auxiliary heat strip control was not activated during the test period, water heaters were controlled on two occasions.

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. 2 customers at 8 customer sites were enrolled in the program during the test period, accounting for approximately 2.3 MW of new contracted curtailable demand bringing the total program to approximately 15.8 MW. 79% 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 PEC 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 71% 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 three years, the U.S. Environmental Protection Agency (EPA) has been producing 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 MACT 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.

As it exists today, this EPA regulation negatively impacts the current DRA program design by disallowing program participants to reduce load using emergency standby generation as it is defined under the new RICE NESHAP language. PEC is currently investigating potential changes to DRA rider design and internal procedures in an effort to retain existing customers and increase future participation

DSDR

During the twelve month period ending March 31, 2013, DSDR was not activated except for testing. The full implementation of the DMS was extended through December 2012 in order to allow for a comprehensive validation of the system's functionality. As a result, the 2012 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) PEC 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 March 31, 2013, 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 (EnergyWiseSM)

The following table provides information on load control occurrences associated with PEC's EnergyWiseSM program covering the twelve month period ending March 31, 2012:

Date	Weather Conditions	Event Trigger ¹	Control Mode	Switches Activated	Number of Customers Controlled	Number of Customers Enrolled
May-02-12	90.0° F	GLRP System Reliability Alert	AC Units	93,188	81,260	AC - 81,260
Jun-29-12	103.0° F	GLRP System Reliability Alert	AC Units	93,561	81,315	AC - 81,315
Jun-29-12	103.0° F	GLRP System Reliability Alert	Water Heaters	3,825	3,720	WH - 3,720
Jul-06-12	97.0° F	GLRP System Reliability Alert	AC Units	93,496	81,217	AC - 81,217
Jul-18-12	92.0° F	Testing	AC Units	93,817	81,386	AC - 81,386
Jul-18-12	92.0° F	Testing	Water Heaters	3,835	3,730	WH - 3,730
Jul-26-12	98.0° F	GLRP System Reliability Alert	AC Units	93,874	81,487	AC - 81,487

¹ 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 PEC's CIG Demand Response Automation program covering the twelve month period ending March 31, 2013:

Date	Weather Conditions	Event Trigger ¹	Control Mode	Points of Delivery Controlled	Number of Customers Controlled	Number of Customers Enrolled
Jul-06-12	97.0° F	GLRP System Reliability Alert	NA	41	15	15
Jul-26-12	98.0° F	GLRP System Reliability Alert	NA	41	15	15
Aug-16-12	90.0° F	Minimum Event Requirement	NA	41	15	15

¹ GLRP - General Load Reduction Plan

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

(h) Filing Requirements and Procedure.

- (1) PEC 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. 2013-93-E (MW)¹

	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
2012	5.4	13.2	136.0	0.4	4.9	0.6	6.2	NA	0.7	0.1	11.0	NA	2.4	0.0	180.9
2013	5.0	21.9	5.1	0.0	4.6	0.6	5.0	NA	0.7	-0.5	12.2	NA	3.6	0.0	58.4
2014	5.0	18.4	6.1	0.0	5.1	0.6	4.0	NA	0.8	0.5	12.9	NA	3.6	0.0	57.1
2015	5.0	14.9	5.5	0.0	4.6	0.6	3.0	NA	0.6	-0.6	13.6	NA	3.6	0.0	50.8

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
2012	2.2	23.6	106.2	0.9	5.2	0.3	9.1	7.7	0.5	2.0	12.2	0.0	0.0	0.0	169.9
2013	3.8	22.4	99.9	0.0	2.6	0.3	5.9	4.2	0.5	1.8	12.3	0.0	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	0.0	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	0.0	3.6	3.4	65.7

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
2012	(3.2)	10.4	(29.8)	0.5	0.3	(0.3)	2.8	7.7	(0.2)	1.9	1.2	0.0	(2.4)	(0.0)	(11.1)
2013	(1.2)	0.5	94.8	0.0	(2.1)	(0.4)	0.9	4.2	(0.2)	2.4	0.1	0.0	(1.2)	1.9	99.7
2014	0.0	5.5	24.0	0.0	(0.8)	(0.4)	1.8	4.7	0.1	0.0	0.0	0.0	(0.0)	1.6	36.5
2015	0.0	7.0	(0.2)	0.0	0.4	(0.4)	1.1	3.2	0.3	0.0	0.1	0.0	(0.0)	3.4	14.9

¹ The previous update, provided in Docket No. 2012-93-E, did not recognize the categorization of PEC's Lighting Program or recognize its Solar Water Heating Pilot Program.

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

Forecasted Winter Capacity Values from Docket No. 2012-93-E (MW)¹

	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
2012	0.0	1.2	TBD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	1.2
2013	0.0	1.2	TBD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	1.2
2014	0.0	1.2	TBD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	1.2
2015	0.0	1.0	TBD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	1.0

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
2012	1.7	1.6	TBD	1.0	2.4	0.5	12.7	5.2	0.4	2.3	5.5	0.0	0.0	0.0	33.4
2013	1.6	1.6	TBD	0.0	4.4	0.5	8.2	3.6	0.5	2.3	5.5	0.0	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	0.0	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	0.0	1.5	4.2	26.4

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
2012	1.7	0.4	TBD	1.0	2.4	0.5	12.7	5.2	0.4	2.3	5.5	0.0	0.0	0.0	32.2
2013	1.6	0.4	TBD	0.0	4.4	0.5	8.2	3.6	0.5	2.3	5.5	0.0	1.0	2.4	30.3
2014	3.3	0.2	TBD	0.0	3.0	0.4	8.0	3.3	0.8	2.1	5.7	0.0	1.5	1.9	30.3
2015	3.3	0.3	TBD	0.0	3.4	0.4	5.7	2.3	0.8	(2.6)	6.1	0.0	1.5	4.2	25.4

¹ The previous update, provided in Docket No. 2012-93-E, did not recognize the categorization of PEC's Lighting Program or recognize its Solar Water Heating Pilot Program. 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. 2012-93-E (MWH)¹

	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
2012	19	62	11,539	1,198	5,431	4,176	65,964	NA	6,046	594	45,180	NA	10,002	3,027	153,238
2013	90	106	19,369	0	5,507	4,176	52,771	NA	6,326	(2,880)	50,220	NA	15,000	5,784	156,469
2014	90	114	939	0	6,058	4,176	42,217	NA	6,642	2,880	53,004	NA	15,000	6,389	137,509
2015	90	94	821	0	5,452	4,176	31,663	NA	4,981	(3,600)	56,004	NA	15,000	6,709	121,390

Anticipated Energy Reductions (MWH)

	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
2012	39	222	31,587	2,885	5,337	1,859	79,537	37,358	4,375	10,281	52,460	0	0	0	225,942
2013	86	409	22,102	78	4,583	1,801	51,479	24,091	4,480	10,499	52,993	0	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	0	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	0	15,000	6,155	139,477

Differences Between Previous and Updated Energy Forecasts (MWH)

	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	CFL Pilot	SMB Direct Install	Res New Const.	Total
2012	19.4	160.6	20,048.4	1,687.1	(93.1)	(2,316.7)	13,573.0	37,358.5	(1,671.0)	9,687.4	7,279.6	0.0	(10,002.0)	(3,027.4)	72,704
2013	(3.9)	302.9	2,733.9	77.9	(924.6)	(2,375.1)	(1,292.2)	24,090.7	(1,845.2)	13,378.8	2,773.4	0.0	(4,901.9)	1,108.3	33,123
2014	0.0	(30.2)	1,921.7	0.0	(1,018.4)	(2,375.1)	(4,610.7)	30,140.1	(1,226.2)	0.0	0.0	0.0	0.0	(793.6)	22,008
2015	0.0	(36.7)	19.2	0.0	(916.6)	(2,375.1)	5,464.8	17,404.0	(919.6)	0.0	0.0	0.0	0.0	(553.5)	18,087

¹ The previous update, provided in Docket No. 2012-93-E, did not recognize the categorization of PEC's Lighting Program or recognize its Solar Water Heating Pilot Program.

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

(h) Filing Requirements and Procedure.

(1) PEC 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 PEC's overall weighted average net-of tax rate of return approved in PEC'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 (4/1/12 through 3/31/13)	Rate Period (7/1/13 through 6/30/14)
Demand-Side Management Programs¹		
CIG DR	-	-
EnergyWise	-	-
DSDR	-	-
Energy Efficiency Programs		
Res Home Advantage	1,190.21	869.81
Res Home Energy Improvement	2,355.95	2,262.65
Residential Low Income-NES	1,726.90	1,404.04
Lighting (Residential)	23,304.07	22,613.88
Lighting (General Service) ²	23,306.63	11,035.78
Res Appliance Recycling	2,053.80	2,385.39
Residential EE Benchmark	2,039.21	2,009.09
Solar Hot Water Heating Pilot ³	-	-
CIG Energy Efficiency for Business	16,395.79	19,285.43
CFL Pilot ⁴	-	-
Small Business Energy Saver	0.49	328.00
Residential New Construction	0.49	331.29
Total Reduction in Energy (kWh)	72,373.55	62,525.37

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

² Test period values reflect prior period reconciliation.

³ PEC is not requesting lost revenue for its Solar Hot Water Heating Pilot Program.

⁴ 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 (4/1/12 through 3/31/13). The PPI values encompass program results associated with program vintages 2009, 2010, 2011 and 2012.

Program / Measure	Utility Incentives (South Carolina Only) – Test Period (4/1/12 through 3/31/13)			
	Net Lost Revenue	DSM PPI	EE PPI	Total
Demand-Side Management Programs				
CIG DR	-	18,209	-	18,209
EnergyWise SM	-	350,615	-	350,615
DSDR Implementation	-	-	-	-
Energy Efficiency Programs				
Res Home Advantage	70,395	-	28,759	99,154
Res Home Energy Improvement	139,343	-	58,437	197,780
Residential Low Income	102,138	-	-	102,138
CIG Energy Efficiency	870,693	-	341,432	1,212,125
Solar Hot Water Heating Pilot	-	-	-	-
Lighting (Residential)	1,378,321	-	278,514	1,656,835
Lighting (General Service)	1,237,691	-	70,080	1,307,771
Residential Appliance Recycling	121,472	-	13,639	135,111
Energy Efficiency Benchmarking	120,609	-	464	121,073
CFL Pilot	-	-	10,473	10,473
Small Business Direct Install	26	-	-	26
Residential New Construction	28	-	-	28
Total Utility Incentives Including Net Lost Revenue	4,040,716	368,824	801,798	5,211,338

The following table provides calculated South Carolina jurisdictional utility incentives for the Company's rate period (7/1/13 through 6/30/14). The PPI values encompass program results associated with program vintages 2009, 2010, 2011, 2012 and estimates for 2013.

Program / Measure	Utility Incentives (South Carolina Only) – Rate Period (7/1/13 through 6/30/14)			
	Net Lost Revenue	DSM PPI	EE PPI	Total
Demand-Side Management Programs				
CIG DR	-	19,856	-	19,856
EnergyWise SM	-	380,373	-	380,373
DSDR Implementation	-	-	-	-
Energy Efficiency Programs				
Res Home Advantage	51,645	-	28,916	80,561
Res Home Energy Improvement	134,346	-	63,210	197,556
Residential Low Income	83,366	-	-	83,366
CIG Energy Efficiency	1,028,591	-	431,025	1,459,616
Solar Hot Water Heating Pilot	-	-	-	-
Lighting (Residential)	1,342,711	-	319,238	1,661,949
Lighting (General Service)	588,595	-	81,964	670,559
Residential Appliance Recycling	141,634	-	16,051	157,685
Energy Efficiency Benchmarking	119,291	-	820	120,111
CFL Pilot	-	-	10,473	10,473
Small Business Direct Install	17,418	-	11,407	28,825
Residential New Construction	19,671	-	15,307	34,978
Total Utility Incentives Including Net Lost Revenue	3,527,267	400,229	978,410	4,905,906

Provision (h)(1)p(ii)n – *Continued*

The Company's proposed jurisdictional allocation factors for the test period, April 1, 2012 through March 31, 2013, and the rate period, July 1, 2013 through June 30, 2014 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) PEC 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, 2012 through March 31, 2013¹.

DSM/EE Rate Classification	Amount
Residential Recoveries	\$ 8,412,941.47
General Service	\$ 8,066,121.40
Less: Opt-Out Credits	4,690,435.88
General Service Recoveries	\$ 3,375,685.52
Lighting	\$ 0.00
Less: Opt-Out Credits	0.00
Lighting Recoveries	\$ 0.00
Total DSM/EE Recoveries	\$ 11,788,626.99

¹ Amounts for February and March of 2013 are based on estimated values employed in Docket 2012-93-E.

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

(h) Filing Requirements and Procedure.

- (1) PEC 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	0.557¢/kWh
General Service	0.264¢/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	0.560¢/kWh
General Service	0.265¢/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) PEC 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 PEC’s DSM/EE programs, PEC estimates that 2,338,198,794 kWh will not be subject to billing under its rider for the twelve month period ending June 30, 2014. A similar analysis estimated that there is another 3,517,466 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 & Lighting Customers

Month	Estimated kWh
Jul-13	250,512,683
Aug-13	210,479,223
Sep-13	163,669,182
Oct-13	228,333,952
Nov-13	192,620,913
Dec-13	142,786,132
Jan-14	231,248,484
Feb-14	177,236,643
Mar-14	137,772,130
Apr-14	257,741,560
May-14	193,557,856
Jun-14	152,240,036
Total	2,338,198,794

Provision (h)(2) – Supporting workpapers

(h) Filing Requirements and Procedure.

(2) PEC 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

Non-Participant	Non-Participating Accounts
A V M INDUSTRIES	6
ABB POWER DISTRIBUTION INC	2
ADP TAX CREDIT SRVC INC	1
AGRU AMERICA INC	4
AHLSTROM NONWOVENS LLC	4
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
BLACKMON, TALBERT	1
BLUE CROSS/BLUE SHIELD OF SC	4
BVP HOLDING LLC	2
CALHOUN FARMS	1
CAROLINA CANNERS INC	7
CAROLINA FURNITURE	3
CAROLINAS HOSPITAL SYSTEM	7
CHARLES CRAFT INC	2
CHARLES INGRAM LUMBER CO INC	17
CHAR-WALT INC	1
CHERAW TOWN OF	1
CHESTERFIELD COUNTY SCHOOLS	10
CHESTERFIELD GENERAL HOSPITAL	12
CITI TRENDS INC	1
CITY OF FLORENCE	3
COKER COLLEGE	23
COMMANDR HEALTH CARE FACLT INC	3

PEC Exhibit No. 1
Filing Requirements

Non-Participant	Non-Participating Accounts
CONBRACO INDUSTRIES INC	3
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	2
DIXIE PIPELINE COMPANY	3
DOMTAR PAPER CO LLC	1
EATON CORPORATION	1
ENERSYS DELAWARE INC	5
EVANS, REAMER	4
EZ PRODUCTS LLC	1
FIRESTONE BUILDING PRODUCTS	7
FLO DARL TECHNICAL COLLEGE	13
FLOCO FOODS INC	12
FLORENCE COUNTY	2
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	4
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
HARTSVILLE OIL MILL	7
HARVIN PACKING COMPANY INC	1

PEC Exhibit No. 1
Filing Requirements

Non-Participant	Non-Participating Accounts
HENGST OF NORTH AMERICA INC	1
HIGHLAND INDUSTRIES INC	4
HODGES, CHARLES T	1
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
JOHNSONVILLE CITY OF	1
KAYDON CORPORATION	4
KOPPERS CO INC	3
KOPPERS INDUSTRIES INC	1
LAKE CITY COMMUNITY HOSPITAL	15
LEE COUNTY SCHOOL DISTRICT	4
LOCKAMY SCRAP METAL INC	4
LOWES COMPANIES INC	4
MANNING CITY OF	1
MARION COUNTY MEDICAL CENTER	2
MARLEY ELECTRIC HEAT CO	2
MARSH LUMBER COMPANY	1
MARTEK BIOSC KINGSTREE CORP	16
MCCALL FARMS INC	10
MCLEOD HEALTH	1
MCLEOD MEDICAL CENTER	6
MCLEOD REG MED CTR OF PEE DEE	30
MEDFORD PLACE	1
METHODIST MANOR	2
MORRELL MEMORIAL CONVAL CENTER	1
NATIONAL HEALTHCARE CORPORATIO	1
NEIGHBORHOOD GROCER LLC	1
NORTHEASTERN TECHNICAL COLLEGE	4

Non-Participant	Non-Participating Accounts
NUCOR COLD FINISH	2
NUCOR CORPORATION	2
PACIFIC MDF PRODUCTS INC	1
PALMETTO BRICK CO	7
PEACE TEXTILE AMERICA INC	2
PERDUE FARMS INC	4
PIGGLY WIGGLY	1
PIGGLY WIGGLY #55 INC	1
PIGGLY WIGGLY BISHOPVILLE INC	1
PIGGLY WIGGLY EAST INC	1
PIGGLY WIGGLY LAKE CITY INC	1
PIGGLY WIGGLY MULLINS INC	1
PIGGLY WIGGLY NO 93 INC	1
PIGGLY WIGGLY OF SUMTER INC	1
PIGGLY WIGGLY STORES INC	1
PILGRIMS PRIDE CORPORATION	7
POLYQUEST INC	3
POSTON PACKING CO	2
PROTECTIVE PACKAGING INC	1
Q & F FOODS INC	1
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	20
SC GOVERNORS SCHOOL	2
SCHAEFFLER GROUP USA INC	8
SCHOOL DIST OF GEORGETOWN CO	5
SLI LIGHTING CORPORATION 01	2
SMITH, JONATHAN K	2
SMURFIT-STONE CONTAINER	4
SONOCO PRODUCTS CO	9

Non-Participant	Non-Participating Accounts
SOPAKCO PACKAGING INC	3
SOUTH ATLANTIC CANNERS INC	4
SOUTHERN GRAPHICS SYSTEMS INC	1
STANLEY TOOLS DIV OF	2
STATE OF S C GOVENOR'S SCHOOL	1
STEELFAB OF SC	1
SUMTER FOODS INC	1
SUMTER PACKAGING CORP	4
T B FOODS INC	1
TALLEY METALS TECHNOLOGY INC	12
TARGET STORES	1
THE BROTHERS OF NORTH CAROLINA	1
TREBOL USA LLC	3
TUOMEY HEALTHCARE SYSTEM	5
TUPPERWARE CO INT	1
TYCO HEALTHCARE GROUP LP	1
UNIFIRST CORPORTATION	1
UNIMIN CORPORATION	1
UNITED METHODIST MANOR PEE DEE	5
US AIR FORCE	12
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	10
WEYLICHEM US INC	2
WILLIAMSBURG REGIONAL HOSPITAL	2
YOUNG PECAN SHELLING CO	3
ZIMACS INCORPORATED	4

Appendix B: Allocation Factors

Allocation Factors Applicable to Test Period:

Program / Measure - (April 2012)	South Carolina
Demand-Side Management (DSM)	
CIG DR	13.51%
EnergyWise SM	13.51%
DSDR Implementation	13.51%
Energy Efficiency Programs (EE)	
Residential Home Advantage	14.47%
Residential Home Energy Improvement	14.47%
Residential Low Income-NES	14.47%
Lighting - Residential	14.47%
Lighting – General Service	14.47%
Res Appliance Recycling	14.47%
Residential EE Benchmarking	14.47%
Residential New Construction	14.47%
Solar Hot Water Heating Pilot	14.47%
CIG Energy Efficiency	14.47%
Small Business Direct Install	14.47%
CFL Pilot	14.47%

Appendix B – Continued

Program / Measure - (May 2012 through March 2013)	South Carolina
Demand-Side Management (DSM)	
CIG DR	13.37%
EnergyWise SM	13.37%
DSDR Implementation	13.37%
Energy Efficiency Programs (EE)	
Residential Home Advantage	14.08%
Residential Home Energy Improvement	14.08%
Residential Low Income-NES	14.08%
Lighting	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

Allocation Factors Applicable to the Rate Period:

Program / Measure - (July 2013 through June 2014)	South Carolina
Demand-Side Management (DSM)	
CIG DR	13.53%
EnergyWise SM	13.53%
DSDR Implementation	13.53%
Energy Efficiency Programs (EE)	
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 C: Savings By Measure

	Year to Date December 31, 2012		
	No. of Premises	kWh Savings	kW Savings
EnergyWise™			
AC Direct Load Control	11,734	NA	14,089
HP Strip Heater Direct Load Control	433	NA	433
Water Heater Direct Load Control	682	NA	547
EnergyWise™ Total	12,849	NA	15,068
CIG Demand Response	9	NA	2,375
† Amounts reflect contracted values.			
Residential Home Advantage			
ENERGY STAR	1,485	2,694,600	828
Heat Pump	795	210,350	101
Central AC	40	5,829	6
Geothermal Heat Pump	20	17,556	4
Residential Home Advantage Total	2,340	2,928,335	939
† Amounts reflect net M&V based values.			
Residential Home Energy Improvement			
ASHP HVAC Replacement	4,382	1,166,994	1,323
Furnace/AC HVAC Replacement	1,576	318,590	486
Geothermal HVAC Replacement	84	120,750	48
Duct Testing/Repair	3,139	599,207	412
HVAC Level 1 Tune Up	537	51,165	48
Insulation/Air Sealing	1,904	930,345	433
Window Replacement	1,214	466,763	434
Room Air Conditioner	326	40,300	32
Heat Pump Water Heater	98	230,800	40
HVAC Level 2 Tune Up	8,082	2,259,948	1,942
Residential HEIP Total	21,342	6,184,861	5,198
† Amounts reflect net EM&V based values.			
Residential Low Income - NES	4,645	3,763,260	550
† Amounts reflect net EM&V based values.			
Residential Lighting Program	3,152,588 *	96,634,999	13,005
* Values expressed in incentivized bulbs			
Residential Appliance Recycling	8,212	5,994,876	682
Residential Energy Efficiency Benchmarking	44,673	12,866,112	2,310
† Change in annual pilot program participation level.			
CIG Energy Efficiency			
Prescriptive Lighting	795	34,721,141	6,887
Prescriptive HVAC	99	1,189,840	371
Prescriptive Motor	4	13,677	1
Prescriptive Refrigeration	37	866,718	54
Custom Measure	225	12,926,495	4,078
Technical Assistance	11	NA	NA
CIG Energy Efficiency Total	1,171	49,717,870	11,392
† Amounts reflect net EM&V based values.			
Residential Solar Water Heating Pilot	-	-	-
Residential CFL Pilot Program (inactive)	-	-	-
† Amounts reflect final net, post EM&V, values.			
Summary Totals	3,247,829	178,090,314	51,518

Appendix D: Total Resource Cost Test Results

Progress Energy Carolinas, Inc
Total Resource Cost (TRC) Test Results
Vintage Year 2012

Program	TRC Ratio
Home Advantage	1.838
Home Energy Improvement	1.289
Lighting	6.655
Residential Appliance Recycling	3.381
Residential Benchmarking Program	1.058
EnergyWise	6.069
Neighborhood Energy Saver	0.560
CIG Energy Efficiency for Business	2.986
CIG Demand Response Program	8.676