

June 3, 2011

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Clerk's Office N.C. Utilities Commission

Ms. Renne Vance Chief Clerk North Carolina Utilities Commission 4325 Mail Service Center Raleigh, NC 27699-4325

RE: Docket No. E-2, Sub 1002

Dear Ms. Vance:

Enclosed for filing in the above-referenced docket are the original and 30 copies of Progress Energy Carolinas, Inc.'s Application for Approval of DSM and Energy Efficiency Cost Recovery Rider, and the Direct Testimony and Verification of witnesses Robert P. Evans and Julie Hans, along with exhibits and workpapers. Full Disto

Sincerely,

Len S. Anthony General Counsel

Progress Energy Carolinas, Inc.

LSA:mhm

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Enclosures

STAREG1591

STATE OF NORTH CAROLINA

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION FILED DOCKET NO. E-2, SUB 1002 UN 0 3 2011

| In the Matter of: | Clerk's Office N.C. Utilities Commission |
|---|---|
| | ,) |
| Application by Carolina Power & Light |) APPLICATION FOR |
| Company, d/b/a Progress Energy Carolinas, |) APPROVAL OF DSM AND |
| Inc. for Approval of 2009 Demand Side |) ENERGY EFFICIENCY |
| Management and Energy Efficiency Cost |) COST RECOVERY RIDER |
| Recovery Rider Pursuant to G.S. 62-133.9 |) |
| and Commission Rule R8-69 |) |

COMES NOW, Carolina Power & Light Company d/b/a Progress Energy Carolinas, Inc. (hereinafter "the Company") pursuant to N.C. Gen. Stat. § 62-133.9 and Rule R8-69 of the Rules and Regulations of the North Carolina Utilities Commission ("the Commission") and applies to the Commission to establish a rider to allow PEC to recover its reasonable and prudent demand-side management and energy efficiency ("DSM/EE") costs, net lost revenues, and Program Performance Incentives ("PPI"). In support thereof, PEC shows the following:

1. The Company is a public utility operating in the states of North Carolina and South Carolina where it is engaged in the generation, transmission, distribution, and sale of electricity to the public for compensation. Its general offices are located at 410 S. Wilmington Street, Raleigh, North Carolina; and its mailing address is Post Office Box 1551, Raleigh, North Carolina 27602-1551.

2. The attorneys for the Company, to whom all communications and pleadings should be addressed, are:

Len S. Anthony Kendal Bowman Progress Energy Services Company Post Office Box 1551 Raleigh, North Carolina 27602-1551 Telephone: (919) 546-6367

And

Dwight Allen 1514 Glenwood Avenue Suite 200 Raleigh, NC 27608 Telephone: (919) 838-0529

3. N.C. Gen. Stat. § 62-133.9(d) authorizes the Commission to approve an annual rider to the rates of electric public utilities to recover all reasonable and prudent costs incurred for the adoption and implementation of new DSM/EE programs. Recoverable costs include, but are not limited to, all capital costs, including cost of capital and depreciation expense, administrative costs, implementation costs, incentive payments to program participants, and operating costs. Such rider shall consist of the utility's forecasted cost during the rate period and an experience modification factor ("EMF") rider to collect the difference between the utility's actual reasonable and prudent costs incurred during the test period and actual revenues realized during the test period. The Commission is also authorized to approve incentives to utilities for adopting and implementing new demand-side management and energy efficiency programs, including rewards

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based on the sharing of savings achieved by the programs.

- 4. Rule R8-69(b) provides the Commission will each year conduct a proceeding for each electric public utility to establish an annual DSM/EE rider to recover DSM/EE related costs.
- 5. According to Rule R8-69(e) the electric public utility is to file its application for recovery of DSM/EE costs at the same time it files the information required by Rule R8-55, and the Commission is to conduct an annual DSM/EE rider hearing as soon as practicable after the hearing required by Rule R8-55.
- 6. Pursuant to the provisions of N.C. Gen. Stat. § 62-133.9 and Commission Rule R8-69, the Company requests the establishment of a rider to recover its reasonable and prudent DSM/EE costs, including program costs, net lost revenues, Program Performance Incentives (PPI), and an EMF. Pursuant to Commission Rule R8-69(b)(2), PEC requests to update its proposed EMF to incorporate the experienced over-recovery or under-recovery of costs up to 30 days prior to the hearing in this proceeding. All costs, including net lost revenues, PPI and the EMF, are calculated pursuant to the Agreement and Stipulation of Partial Settlement filed with the Commission on December 9, 2008 approved in Docket No. E-2, Sub 931. The calculations of these values are described in the direct testimony of Robert P. Evans. The rider and EMF are intended to allow PEC to recover \$67,602,933 of DSM/EE expenses and incentives. This amount includes

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an offset for the estimated under-collection of \$1,469,414 associated with net test and prospective period activities during the period beginning August 1, 2010 and ending July 31, 2011 and an estimated \$66,133,520 for expenses and incentives to be incurred during the rate period from December 1, 2011 through November 30, 2012. The prospective period amount will be updated with actual amounts at least 30 days prior to the hearing date in this proceeding.

7. Pursuant to the provisions of N.C. Gen. Stat. § 62-133.9 and Commission Rule R8-69, the Company requests Commission approval of the annual billing adjustments as follows (all shown on a dollars per kWh basis with and without NC gross receipts taxes):

| | DSM/I | EE Rate | DSM/EE | EMF Rate | Total Billing Impact | | | | |
|--------------------|------------|-----------|------------|------------|----------------------|-----------|--|--|--|
| Rate Class | w/o NC GRT | w/ NC GRT | w/o NC GRT | w/ NC GRT | w/o NC GRT | w/ NC GRT | | | |
| Residential | \$0.00295 | \$0.00305 | \$0.00009 | \$0.00009 | \$0.00304 | \$0.00314 | | | |
| General Service | \$0.00185 | \$0.00191 | \$0.00001 | \$0.00001 | \$0.00186 | \$0.00192 | | | |
| Lighting | \$0.00093 | \$0.00096 | -\$0.00009 | -\$0.00003 | \$0.00084 | \$0.00087 | | | |

The DSM/EE EMF rider will be in effect for the twelve month period December 1, 2011 through November 30, 2012.

8. Pursuant to Commission Rule R8-69(b)(6) PEC requests approval to defer the difference between actual reasonable and prudently incurred incremental costs and the related revenues realized under rates in effect. FERC account 182.3, "Other Regulatory Assets," will be used to deferral these costs until recovered. In

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addition, to the extent that PEC has incurred incremental costs of implementing new DSM/EE measures more than six months prior to the filing of PEC's application for approval, PEC requests approval to defer those costs as allowed by Commission Rule R8-69(b)(6).

9. The Company has attached hereto as required by Commission Rule R8-69, the direct testimony and exhibits of witnesses Robert P. Evans and Julie Hans in support of the requested change in rates.

WHEREFORE, the Company respectfully prays:

That, consistent with this Application, the Commission approves the changes to its rates as set forth in paragraph 7 above.

Respectfully submitted this 3rd day of June, 2011.

PROGRESS ENERGY CAROLINAS, INC.

By:

En S. Anthony, General Counsel

P. O. Box 1551, PEB 17A4

410 South Wilmington Street

Raleigh, NC 27602

STATE OF NORTH CAROLINA UTILITIES COMMISSION RALEIGH

DOCKET NO. E-2, SUB 1002

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of

| Application by Carolina Power & Light |) | |
|---|---|------------------|
| Company, d/b/a Progress Energy Carolinas, |) | VERIFICATION AND |
| Inc. for Approval of 2009 Demand Side |) | SIGNATURE |
| Management and Energy Efficiency Cost |) | |
| Recovery Rider Pursuant to G.S. 62-133.9 |) | |
| and Commission Rule R8-69 | | |

PERSONALLY APPEARED before me, Robert P. Evans, who, after first being duly sworn, said that he is the Lead DSM Regulatory Specialist with Progress Energy Carolinas, Inc. ("PEC"), and as such is authorized to make this Verification that the facts contained in the attached Application for Cost Recovery are true and accurate.

Robert P. Evans

Sworn to and subscribed before me, this the 2nd day of June, 2011.

Notary Public

Commission Expires: 10-3-2014

MARSHA H MANNING
NOTARY PUBLIC
WAKE COUNTY, NC
My Commission Expires 10-3-2014

NORTH CAROLINA UTILITIES COMMISSION DOCKET NO. E-2, SUB 1002

DIRECT TESTIMONY OF ROBERT P. EVANS ON BEHALF OF CAROLINA POWER & LIGHT COMPANY D/B/A/ PROGRESS ENERGY CAROLINAS, INC.

- 1 Q. PLEASE STATE YOUR NAME, YOUR BUSINESS ADDRESS AND
- 2 POSITION WITH PROGRESS ENERGY CAROLINAS, INC.
- 3 A. My name is Robert P. Evans and my business address is 100 E. Davie Street,
- 4 Post Office Box 1551, Raleigh, North Carolina 27602. I am employed by
- 5 Progress Energy Carolinas, Inc. ("PEC") as a Lead DSM Regulatory Specialist
- in the Company's Efficiency and Innovative Technologies Department.
- 7 O. PLEASE BRIEFLY STATE YOUR EDUCATIONAL BACKGROUND
- 8 AND EXPERIENCE.
- 9 A. I graduated from Iowa State University ("ISU") in 1978 with a Bachelor of
- 10 Science Degree in Industrial Administration and a minor in Industrial
- Engineering. As a part of my undergraduate work, I completed both the
- graduate level Regulatory Studies Programs sponsored by American Telephone
- and Telegraph Corporation and graduate level study programs in Engineering
- Economics. Following graduation from ISU, I received additional Engineering
- Economics training at the Colorado School of Mines, completed the NARUC

Regulatory Studies program at Michigan State and completed the Advanced AGA Ratemaking program at the University of Maryland. Upon graduation from ISU, I joined the Iowa State Commerce Commission, now known as the Iowa Utility Board ("IUB"), in the Rates and Tariffs Section of the Utilities Division. During my tenure with the IUB, I held several positions, including Senior Rate Analyst in charge of Utility Rates and Tariffs and Assistant Director of the Utility Division. While with the IUB, I provided testimony in gas, electric, water and telecommunications proceedings as an expert witness in the areas of rate design, service rules, and tariff applications. accepted employment with City Utilities of Springfield, Missouri, as an Operations Analyst. In that capacity, I provided support for rate-related matters associated with the municipality's gas, electric, water and sewer operations. In addition, I worked closely with its load management and energy conservation In 1983, I accepted a position as Rate Engineer with the Rate Services staff of the Iowa Power and Light Company, now known as MidAmerican Energy. In this position, I was responsible for the preparation of rate related filings and presented testimony on rate design, service rules, and accounting issues before the IUB. In 1986, I accepted employment with Tennessee-Virginia Energy Corporation, which is now known as the United Cities Division of ATMOS Energy, as Director of Rates and Regulatory Affairs. In this position, I was responsible for regulatory filings, regulatory

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relations, and customer billing. In 1987, I joined the Virginia State Corporation 1 Commission as a Utilities Specialist in the Division of Energy Regulation. In 2 this capacity I worked with electric and natural gas issues and provided 3 testimony on cost of service and rate design matters. In 1988, I joined North 4 Carolina Natural Gas Corporation ("NCNG") as Manager of Rates and Budgets. 5 Subsequently, I was promoted to Director-Statistical Services in its Planning 6 7 and Regulatory Compliance Department. In that position, I performed a variety of work associated with financial, regulatory and statistical analysis, and 8 presented testimony on several issues brought before the North Carolina 9 Utilities Commission. I held that position until the July 15, 1999 closing of the 10 NCNG merger with Carolina Power and Light Company, the predecessor of 11 Progress Energy Corporation. 12 From July 1999 through January 2008 I was employed in Principal and Senior 13 Analyst roles by Progress Energy Service Company, LLC. In these roles I 14 provided NCNG, Progress Energy Carolinas, Inc. and Progress Energy Florida, 15 Inc. with federal and state rate and regulatory support as well as financial 16 forecasting support. 17

Q. WHAT ARE YOUR CURRENT RESPONSIBILITIES?

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A. I am responsible for financial analysis and support of PEC's Energy Efficiency

("EE") and Demand-Side Management ("DSM") programs.

Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

- 2 A. The purpose of my testimony is to explain and support PEC's proposed
- 3 DSM/EE cost recovery rider and Experience Modification Factor ("EMF") and
- to provide the information required by Commission Rule R8-69. I am also
- 5 providing information requested by the Commission in its November 17, 2010
- Order in Docket No. E-2, Sub 977 concerning the incorporation of indirect
- 7 costs into program cost effectiveness evaluations.

8 Q. ARE YOU SPONSORING PEC'S DSM/EE COST RECOVERY RIDER

9 **APPLICATION?**

- 10 A. Yes. In addition to this testimony and accompanying exhibits, I am sponsoring
- PEC'S DSM/EE Cost Recovery Rider Application identified as PEC Exhibit
- 12 No. 1.

13 SUMMARY OF DSM/EE COSTS

- 14 O. CAN YOU PROVIDE A SUMMARY OF THE COSTS FOR WHICH
- 15 THE COMPANY IS REQUESTING RECOVERY IN THIS
- 16 **PROCEEDING?**
- 17 A. Yes. The DSM/EE costs the Company is requesting to recover through this
- proceeding are associated with the costs incurred or forecasted to be incurred
- during three discrete time periods: 1) the test period; 2) the prospective period;

and, 3) the rate period. For the test period, April 1, 2010 through March 31, 2011, the North Carolina allocated share of recoverable DSM/EE costs is \$60,144,786. For the forecasted prospective period, encompassing April 1, 2011 through July 31, 2011, the North Carolina allocated share of these estimated DSM/EE costs is \$24,915,865. For the rate period, December 1, 2011 through November 30, 2012, the North Carolina allocated share of forecasted DSM/EE costs is \$98,468,248. The total North Carolina allocated share of DSM/EE costs for the three periods is \$183,528,899.

A summary of the costs associated with the Company's recovery request is provided in the following table by period and by DSM/EE program/measure.

| Program / Measure | Test Period 4-1-10 thru 3-31-11 | Prospective Period 4-1-11 thru 7-31-11 | Rate Period | | | |
|---------------------------------------|------------------------------------|--|---------------|--|--|--|
| Demand-Side Management Programs | | · · · · · · · · · · · · · · · · · · · | | | | |
| CIG DR | \$ 1,023,386 | \$ 840,397 | \$ 2,843,486 | | | |
| EnergyWise™ | 8,975,569 | 3,507,958 | 11,886,267 | | | |
| Energy Efficiency Programs | | | | | | |
| DSDR Implementation | \$ 14,802,391 | \$ 6,971,743 | \$ 29,923,216 | | | |
| Residential Home Advantage | 1,238,686 | 484,351 | 2,262,867 | | | |
| Residential Home Energy Improvement | 7,499,196 | 2,097,309 | 7,822,754 | | | |
| Residential Low Income - NES | 1,855,712 | 680,265 | 2,233,313 | | | |
| CIG Energy Efficiency | 8,587,788 | 3,016,018 | 12,806,093 | | | |
| Residential Solar Water Heating Pilot | 169,701 | 56,614 | 0 | | | |
| Residential Lighting | 9,051,474 | 3,642,846 | 14,501,939 | | | |
| Residential Appliance Recycling | 1,331,059 | 654,771 | 2,468,456 | | | |
| Residential EE Benchmark | 129,149 | 384,649 | 1,544,621 | | | |
| Pilot CFL Program | 0 | 0 | 0 | | | |
| A&G and Carrying Costs | | | | | | |
| A&G (Education and Awareness) | \$ 728,976 | \$ 324,514 | \$ 808,451 | | | |
| A&G (Other) | 1,387,450 | 540,628 | 1,511,954 | | | |
| Carrying Cost on Balances | 3,334,247 | 1,713,803 | 7,854,830 | | | |
| Total Cost | \$ 60,144,786 | \$ 24,915,865 | 5 98,468,248 | | | |

- In addition to the summary table above, additional categorizations by cost element are provided on attached Evans Direct Exhibit No. 1.
- 3 Q. ARE THE COMPANY'S PROPOSED RATES DESIGNED TO
- 4 RECOVER THE TOTAL NORTH CAROLINA ALLOCATED SHARE
- 5 **OF \$183,528,899?**
- No, since many of the expenses incurred to develop and implement the 6 Company's DSM and EE programs produce benefits covering several years, a 7 significant portion of those expenses will be deferred, and recovered over 8 varying amortization periods. Program cost deferrals are recovered over ten-9 year periods, except in the cases of the Residential Lighting Program, which the 10 Company has requested recovery over a five-year period, and the Residential 11 EE Benchmark Program, which is not subject to deferral. Administrative and 12 General ("A&G") costs are being recovered over three-year periods. 13 addition to the aforementioned deferrals, PEC's proposal involves several other 14 adjustments, including the recognition and amortization of prior period 15 deferrals, the recognition of the prior year's prospective period costs, and the 16 estimated recovery of DSM/EE costs during the 2010-11 test and prospective 17 periods. In total, the EMF related calculations, based on test and estimated 18 prospective period costs, reflect an estimated under-recovery of \$1,469,414. 19 The DSM/EE rate calculations, associated with rate period estimates, are based 20

on a revenue requirement of \$66,133,520. The development of these amounts is also provided in Evans Direct Exhibit No. 1. The total of the rate period revenue requirement and the EMF result in a combined revenue requirement of \$67,602,933.

5 DSM/EE EMF REVENUE REQUIREMENT

DETERMINED?

the DSM/EE EMF.

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6 Q. HOW WAS THE DSM/EE EMF UNDER-RECOVERYOF \$1,469,414

The DSM/EE EMF under-recovery is a function of the sum of test period costs, Α. 8 including amounts relating to the amortization of deferred costs from prior 9 periods, plus estimated prospective period costs (April 1, 2011 through July 31, 10 2011), less costs incurred in the prior prospective period (April 1, 2010 through 11 July 31, 2010) which were included in the determination of the 2010 Rule R8-12 69 based EMF, and credits for actual and estimated DSM/EE Rate revenues for 13 the period August 1, 2010 through July 31, 2011. The following table 14 illustrates the relationship of these elements with respect to the determination of 15

| Rate Element | Amounts |
|--|------------------|
| Test Period Revenue Requirement | \$ 31,413,657 |
| Plus: Current Prospective Period Revenue Requirement | 11,847,072 |
| Less: Prior Prospective Period Revenue Requirement | 6,047,850 |
| Unadjusted EMF Revenue Requirement | \$ 37,212,879 |
| Net DSM/EE Rate Revenue Estimate | \$ 35,836,567 |
| Less: Other Adjustments | 93,102 |
| Total EMF Adjustments | \$ 35,743,465 |
| Adjusted DSM/EE EMF Revenue Requirement | \$ 1,469,414 |

- Additional details associated with the development of these amounts are
- provided on Evans Direct Exhibit No. 7.
- 3 Q. WHY IS IT NECESSARY TO SUBTRACT PRIOR PROSPECTIVE
- 4 PERIOD COSTS WHEN DETERMINING THE DSM/EE EMF
- 5 REVENUE REQUIREMENT?
- 6 A. The costs incurred in the prior prospective period (April 1, 2010 through July
- 31, 2010) overlap with the current test period and were used in the
- 8 determination of the EMF revenue requirement in the Company's last annual
- Rule R8-69 based filing, Docket E-2, Sub 977. The exclusion of these costs is
- necessary in order to eliminate "double-counting."
- 11 Q. WILL YOU DESCRIBE THE \$93,102 THAT HAS BEEN
- 12 CATEGORIZED AS "OTHER ADJUSTMENTS"?
- 13 A. The \$93,102 in "Other Adjustments" is the sum of lines 4, 5 and 6 found on
- Evans Direct Exhibit No. 7. The adjustment on line 4 of this exhibit reflects
- actual and estimated uncollectible allowances in PEC's DSM/EE rates
- associated with the twelve month period ending July 31, 2011. The adjustment
- on line 5 represents the true-up between the actual and the estimated
- uncollectible rates applicable to this same time period. The adjustment found
- on line 6 of Evans Direct Exhibit No. 7 reflects the refund of the over-collected

- Program Performance Incentives (PPIs) associated with PEC's Residential
- 2 Home Energy Improvement Program.
- 3 Q. HOW MUCH VARIATION IS PRESENT BETWEEN PEC'S UPDATED
- 4 UNCOLLECTIBLE FACTORS AND THOSE DETERMINED IN THE
- 5 LAST DSM/EE PROCEEDING?
- The Company's estimated uncollectible factors, approved in Docket No. E-2, 6 7 Sub 977, were reasonably consistent with actual results. The actual residential uncollectible rate for the test period was 0.5601%, which was somewhat higher 8 than the estimated value of 0.5334%. This difference resulted in an under-9 collection of \$5,830.60. The actual general service uncollectible rate associated 10 with the test period was 0.0441%. This rate was slightly greater than the 11 estimated value, 0.0406%. This difference resulted in an under-collection of 12 \$363.76. These updated percentages are also employed as gross-up factors for 13 rate development in Evans Direct Exhibit No. 10. 14
- 15 Q. WILL YOU PROVIDE ADDITIONAL INFORMATION RELATING TO
- 16 THE PPI OVERCOLLECTION AND REFUND?
- PEC's independent third party measurement and verification (M&V)
 consultant, Navigant, recently completed its assessment of the 2009 Vintage
 Period of PEC's Home Energy Improvement Program (HEIP). Using the data
 from this assessment, PEC reran its cost effectiveness tests for the HEIP. The

- levelized PPI recognized in the last test period was \$52,551. Based on the
- verified assessment, this amount should have been \$10,405. The difference
- between these amounts, \$42,146, plus interest is owed to customers. With
- 4 interest, a total of \$45,884 is being returned to customers through the
- adjustment made on line 6 of Evans Direct Exhibit No. 7.
- 6 Q. SINCE SOME OF THESE AMOUNTS ARE ESTIMATES, WILL
- 7 THOSE AMOUNTS BE UPDATED PRIOR TO THE HEARING TO
- 8 REFLECT ACTUAL COSTS?
- 9 A. Yes, at least 30 days prior to the hearing PEC will file updates reflecting actual
- costs. In addition, any interest on over-recoveries, determined to be applicable
- pursuant to Commission Rule R8-69(b)(3), will be calculated at that time.

12 <u>DSM/EE REVENUE REQUIREMENT</u>

- 13 Q. WILL YOU PLEASE DESCRIBE THE BASIS FOR THE RATE PERIOD
- 14 REVENUE REQUIREMENT?
- 15 A. As previously indicated, the revenue requirement for the rate period is
- \$66,133,520. This is amount reflects the anticipated costs and necessary
- recoveries for the rate period, which extends from December 1, 2011 through
- November 30, 2012. The \$66,133,520 revenue requirement includes: (1)
- \$28,338,489 directly attributable to anticipated rate period program costs; (2)
- amortizations of and carrying costs on deferred prior period costs totaling

- \$17,911,557; (3) lost revenues for the rate period totaling \$15,851,143 from portions of vintage 2009, vintages 2010 and 2011, and portions of vintage 2012 installed program measures; and (4) program incentives payments totaling
- \$4,032,331 associated with vintage 2009, 2010 and 2011 program measures.

5 JURISDICTIONAL COST ALLOCATION

- 6 Q. HOW ARE DSM AND EE PROGRAM COSTS ALLOCATED TO THE
- 7 NORTH CAROLINA RETAIL JURISDICTION?
- 8 A. First, PEC reviews all costs to be recovered. These costs are then separated into
- three categories: (1) EE-related costs, (2) DSM-related costs and (3) costs that
- provide a system benefit in support of both EE and DSM programs. For each of
- these categories, different allocation methods are employed to assign those
- costs to the appropriate jurisdiction.
- 13 Q. PLEASE ELABORATE ON THE METHODOLOGY USED TO
- 14 ALLOCATE DSM/EE COSTS THAT OFFER A SYSTEM BENEFIT.
- 15 A. Common Administrative and General ("A&G") Costs, associated with the
- programs provide a system benefit in support of both EE and DSM programs.
- Since A&G costs relate to both EE and DSM, A&G amounts are included in
- both categories. The division of these costs into either the EE or DSM category
- is based upon the percentage of each type of expenditure anticipated during the
- 20 next forecast calendar year. For example, if 30% of these costs in the forecast

- period are EE-related, then 30% of the A&G costs will be considered as EErelated costs for allocation purposes. The use of a forecast period recognizes
 the types of new programs PEC will offer in the immediate future that will be
 supported by these administrative costs. The assignment of A&G costs as
 either EE or DSM related is reviewed annually each May based upon forecasted
 costs for the next calendar year. The A&G costs in this proceeding have been
 assigned to these categories based upon forecasted DSM and EE costs for 2011.
- 8 Q. IN EVANS DIRECT EXHIBIT 1, THE DSDR PROGRAM IS
 9 SEPARATED FROM THE OTHER DSM AND EE PROGRAMS. HOW
 10 IS THE DSDR PROGRAM CLASSIFIED?
- 11 A. The DSDR Program has been classified, for purposes of ratemaking, as an EE
 12 program. Due to the scope and nature of this program, its costs are being
 13 tracked separately. This separate tracking includes both direct costs and A&G
 14 costs associated with the program.
- Q. HOW ARE COSTS IDENTIFIED AS EE-RELATED ALLOCATED TO
 NORTH CAROLINA?
- A. Any program costs that are identified as being EE-related, including A&G costs, are allocated to NC retail based upon the ratio, of NC retail sales to PEC system retail sales at the point of generation. The allocation percentage is updated each May and is based on the prior calendar year usage data.

1 Q. HOW ARE DSM-RELATED COSTS ALLOCATED TO NORTH

2 CAROLINA?

- 3 A. Any program costs that are identified as being DSM-related, including assigned
- A&G costs, are allocated to NC retail based upon the ratio of the NC retail
- demand to the PEC system retail demand at the hour of the annual summer
- system peak. The allocation percentage is updated each May, and is based on
- 7 the prior calendar year demand data.

8 <u>UTILITY INCENTIVES AND NET LOST REVENUES</u>

9 O. HOW WERE THE UTILITY INCENTIVES CALCULATED?

The Program Performance Incentive ("PPI") is calculated pursuant to the 10 Agreement and Stipulation of Partial Settlement ("Agreement") filed with the 11 Commission on December 9, 2008, and is based on the savings achieved by 12 DSM/EE programs as measured by the Utility Cost Test ("UCT"). Under the 13 terms of the Agreement and using the UCT, the amount of the PPI initially to be 14 recovered for a given measurement unit and vintage year is eight percent of the 15 present value of the net benefits for DSM programs and measures and thirteen 16 percent for EE programs and measures. Estimated net savings are determined 17 by multiplying the number of measurement units projected to be installed for a 18 specific program or measure in a vintage year by the most current estimates of 19 the annual per installation kW and kWh savings over the measurement unit's 20

- life and by the most current estimates of the annual kW and kWh avoided costs.
- We then subtract the estimated utility costs over the measurement unit's life
- related to the projected installations in that vintage year and discount the result
- 4 to determine a net present value.
- The PPI for each program vintage is converted into a stream of up to ten (10)
- 6 levelized annual payments. PEC's overall weighted average net-of-tax rate of
- 7 return approved in the Company's most recent general rate case is used as the
- 8 appropriate discount rate. Pursuant to the Agreement, PPI recoveries are
- subject to true-up on the basis of future measurement and verification results.
- 10 As a matter of reference, a true-up of the 2009 vintage of the Residential Home
- Energy Improvement Program is an element of the PEC's current Rule R8-69
- request.
- The PPI calculations are based on calendar year vintages. The PPI vintage
- associated with the test period encompasses calendar year 2010. These values
- will be trued-up on the basis of future measurement and verification results.
- The estimated PPI associated with calendar year 2011 will be initially deployed
- during the rate period and will be revisited as a part of the Company's next Rule
- 18 R8-69 cost recovery proceeding.
- 19 Q. IS THE COMPANY REQUESTING PPI FOR ALL OF ITS
- 20 PROGRAMS?

A. No. The Company is not requesting PPI recovery for its Residential Low
Income Program or its Pilot Residential Solar Water Heating Program. In
addition, under the terms of the Agreement, the Company is not eligible for a
PPI for its Distribution System Demand Response (DSDR) Program.

5 Q. HOW WERE THE NET LOST REVENUES DETERMINED?

Net lost revenues, which are applicable to both DSM and EE programs, are determined by multiplying the estimated reduction in kWh sales associated with a measure by a margin-based net lost revenue rate. While subject to a few nuances, the following formula embraces the essence of the adjustment.

Net Lost Revenues (\$) = Lost Sales (kWh) X Net Lost Revenue Rate (\$/kWh)

Lost Sales are those sales that do not occur by virtue of employing the DSM/EE measures. These values are initially based on engineering estimates and/or past impact evaluations. Future periods are based on updated impact evaluations conducted through the measurement and verification ("M&V") activities and applied prospectively and in conjunction with applicable net lost revenue trueups. The Net Lost Revenue Rate represents the difference between the average retail rate applicable to the customer class impacted by the measure and (1) the embedded gross receipts taxes, (2) the related average customer charge component of that rate, (3) the average fuel component of the rate, and (4) the incremental variable O&M rate as approved in the Company's last CSP tariff.

- This difference is adjusted by the impact of uncollectibles. When multiple
- customer classes are impacted by a DSM/EE measures, as with the DSDR
- program, a weighted or system wide net lost revenue rate is employed.
- 4 Pursuant to the Agreement, net lost revenues are recoverable for only the first
- 5 36-months of an installed measure's life and consistent with the PPI, recoveries
- are subject to true-up on the basis on future measurement and verification
- 7 results. As with the PPI, the recovery of net lost revenues for PEC's
- Residential Home Energy Improvement Program (HEIP) has been trued up to
- 9 recognize the results of the vintage 2009 HEIP M&V analysis.
- 10 Q. IS THE COMPANY REQUESTING NET LOST REVENUE
- 11 RECOVERIES FOR ALL OF ITS PROGRAMS?
- 12 A. No. The Company is not requesting Net Lost Revenue Recoveries for its Pilot
- 13 Residential Solar Water Heating Program. For PEC's event driven measures,
- net lost revenue has only been requested for actual deployments not for
- forecasted periods as this cannot be accurately predicted in advance.

16 **RATE DEVELOPMENT**

- 17 Q. ONCE PEC'S DSM/EE COSTS ARE ALLOCATED BETWEEN NORTH
- 18 AND SOUTH CAROLINA AND IDENTIFIED AS BEING EITHER DSM
- OR EE RELATED, HOW ARE RATES ESTABLISHED?

- 1 A. As with rates currently in effect, PEC schedules are designed to establish three
- 2 rate groups: Residential, General Service and Lighting.

3 Q. CAN YOU IDENTIFY THE RATE TARIFFS THAT FALL WITHIN

4 EACH RATE CLASS?

- 5 A. Yes. The following table lists the schedules and riders proposed within each
- 6 rate class:

| Residential | | Lighting | | |
|-------------|---------------|------------------|----------------|----------|
| Residential | Small General | Medium General | Large General | Lighting |
| | Service | Service | Service | 1 |
| RES | SGS | MGS | LGS | ALS |
| R-TOUD | TSS | SGS-TOU | LGS-TOU | SLS |
| R-TOUE | TFS | SI | LGS-RTP | SLR |
| | | GS-TES | Riders 66 & SS | SFLS |
| | | APH-TES | (1 MW & | |
| | ļ | CH-TOUE | Greater) |]] |
| | | CSE | | |
| | | CSG | | - |
| | | | | |
| | | (less than 1 MW) | | |

7 COST ALLOCATION METHODOLOGY

Q. HOW ARE EE AND DSM RELATED COSTS ALLOCATED TO EACH

9 RATE CLASS?

- 10 A. Costs are assigned to customer classes based on program design and
- participation. In other words, costs are assigned to customer groups that directly
- benefit from the programs. Simply stated, residential program costs are
- allocated solely to residential customers, general service program costs are

- allocated solely to general service customers, and lighting program costs are allocated solely to lighting customers. Where programs benefit multiple customer groups, the costs are allocated to groups receiving benefits using appropriate annual energy and/or coincident peak demand based allocation factors.
- The manner in which the costs associated with a specific program have been assigned to customer groups is provided in Evans Direct Exhibit Nos. 5, 6, 8 and 9.

9 Q. HOW ARE SALES AND DEMAND ADJUSTED FOR THE IMPACT OF 10 "OPT-OUT" CUSTOMERS?

- A. Commercial customers with annual consumption of 1,000,000 kWh or greater in the billing months of the prior calendar year and all industrial customers may elect not to participate in PEC's demand-side management and energy efficiency programs. PEC reviewed its customer records and identified that commercial and industrial customers choosing to "opt-out" consumed 10,965,387,377 kWhs during the year ended March 31, 2011.
- The Rate Class allocation factors were developed assuming that customers electing to opt-out of the DSM/EE rider will continue to do so. If customers decide to change their "opt-out" status, revenue gains or losses will be recognized in subsequent DSM/EE EMF calculations.

- Sales for the year ended March 31, 2011 for all customers electing to "Opt-Out" of the DSM/EE rate are provided in Evans Direct Exhibit No. 2.
- 3 Q. THE SALES FOR "OPT-OUT" CUSTOMERS ARE EASILY
- 4 IDENTIFIED, BUT HOW IS THE COINCIDENT PEAK OF THESE
- 5 **CUSTOMERS ESTIMATED?**
- A. Currently installed metering for a great number of these customers does not provide sufficient detail to determine the opt-out customers' contribution to the system coincident peak hour load. This impact is estimated based upon the ratio of "opt-out" sales to total sales for the rate class times the rate class peak demand. This approach should accurately approximate the demand of "opt-out" accounts.
- Q. AFTER ADJUSTING ENERGY AND DEMAND FOR "OPT-OUT"

 CUSTOMERS, ARE THE RESULTING ALLOCATION FACTORS

 THEN USED TO DETERMINE REVENUE REQUIREMENTS FOR

 EACH RATE CLASS?
- 16 A. The energy and demand based allocators are used in cases where programs or
 17 measures directly benefit multiple rate groups. When a DSM or EE program
 18 benefits multiple rate groups, EE costs are multiplied by Rate Class energy
 19 allocation factors and any associated DSM costs are multiplied by Rate Class
 20 demand allocation factors for purposes of cost assignment.

- Since usage for "opt-out" customers is not forecasted, the energy allocation rate 1
- class factors were developed from the forecasted rate class usage, after 2
- subtracting actual sales for "opt-out" customers for the year ended March 31, 3
- 2011. The energy allocation factors applicable to each rate class based upon the 4
- forecast of rate class sales for the recovery period of December 2011 through 5
- 6 November 2012 are provided in Evans Direct Exhibit No. 3.
- The demand allocation rate class factors are based on the summer coincident 7
- peak demand for 2010, after subtracting the estimated demand for "opt-out" 8
- customers as discussed above. The forecast does not provide rate class 9
- coincident peak demands; therefore, the most recent historic data was deemed 10
- to be representative of future demand impacts. The demand allocation factors 11
- applicable to each rate class are provided in Evans Direct Exhibit No. 4. 12

14

- O. WHICH THE COMPANY'S PROGRAMS OR MEASURES 13 BENEFIT MULTIPLE CUSTOMER CLASSES?
- 15 Α. The Company's DSDR EE program benefits multiple customer classes. To
- allocate DSDR costs, Rate Class energy allocation factors are employed. These 16
- allocation procedures are elements of Evans Direct Exhibit Nos. 5 and 8. 17
- HOW ARE RATE CLASS DSM/EE RATES ESTABLISHED? 18
- The calculated rate class EE and DSM revenue requirements are divided by rate 19
- class sales, after adjustment for "opt-out" customers, to establish the rate class 20

- DSM/EE rate. Evans Direct Exhibit No. 5 provides the derivation of the
- 2 Energy Efficiency Rate. Evans Direct Exhibit No. 6 provides the derivation of
- 3 the Demand Side Management Rate.
- 4 O. HOW IS THE RATE FOR THE DSM/EE EXPERIENCE
- 5 MODIFICATION FACTOR IN THIS PROCEEDING ESTABLISHED?
- 6 A. As with DSM/EE Rate determination, the calculated rate class EE and DSM
- 7 EMF revenue requirements, adjusted for cost recoveries, are divided by rate
- 8 class sales, after adjustment for "opt-out" customers, to establish the rate class
- 9 DSM/EE rate. Evans Direct Exhibit No. 8 provides the derivation of the
- Energy Efficiency Rate. Evans Direct Exhibit No. 9 provides the derivation of
- the Demand-Side Management Rate.

12 Q. WHAT RATES ARE PROPOSED FOR EACH RATE CLASS?

- 13 A. Evans Direct Exhibit No. 10 is populated with the DSM/EE rates and EMF
- values proposed in this proceeding. The DSM/EE rates recover costs forecasted
- to be incurred from December 1, 2011 through November 30, 2012. The
- DSM/EE EMF is a true-up mechanism recognizing costs and recoveries for the
- period August 1, 2010 through July 31, 2011. Projected costs and recoveries
- during this period will be trued-up prior to the September hearing. PEC
- proposes the following rates, exclusive of gross receipts taxes ("GRT") and
- North Carolina Regulatory Fees, for each rate class (shown in cents per kWh):

| Rate Class | DSM/EE Rate (¢/kWh) | DSM/EE EMF (¢/kWh) | DSM/EE Annual Rider (¢/kWh) |
|-----------------|------------------------|--------------------------|--------------------------------------|
| Residential | 0.295 | 0.009 | 0.304 |
| General Service | 0.185 | 0.001 | 0.186 |
| Lighting | 0.093 | -0.009 | 0.084 |

Q. WHAT ARE THE RATES INCLUDING GRT AND NORTH CAROLINA

2 REGULATORY FEES?

- 3 A. The proposed billing rates, including gross receipts taxes and NC Regulatory
- Fees for each class, are provided in the following table (shown in cents per
- 5 kWh):

| Rate Class | DSM/EE Rate (¢/kWh) | DSM/EE EMF (¢/kWh) | Annual DSM/EE Rider (¢/kWh) |
|-----------------|---------------------------|--------------------------|--------------------------------------|
| Residential | 0.305 | 0.009 | 0.314 |
| General Service | 0.191 | 0.001 | 0.192 |
| Lighting | 0.096 | -0.009 | 0.087 |

6 Q. HOW WILL PEC'S TARIFFS BE REVISED TO RECOVER THESE

7 RATES?

- 8 A. The Company's Annual Billing Adjustment, Rider BA, will be updated to
- 9 recognize these rates, adjusted for GRT and North Carolina Regulatory Fees.

Q. WITH REGARD TO THE INFORMATION REQUESTED BY THE 1 COMMISSION IN ITS NOVEMBER 17, 2010 ORDER IN DOCKET NO. 2 E-2, SUB 977 CONCERNING THE INCORPORATION OF INDIRECT 3 COSTS INTO PROGRAM COST EFFECTIVENESS EVALUATIONS, IS 4 IT APPROPRIATE TO INCORPORATE GENERAL EDUCATION AND 5 AWARENESS ("GEA") COSTS (AND ASSOCIATED A&G COSTS) 6 INTO THE COST-EFFECTIVENESS TESTS AND EVALUATIONS? 7 The Commission requested that the Company address the propriety of 8 Α. 9 incorporating these costs in its evaluations of both currently approved programs and all future programs. Indirect GEA costs and A&G costs primarily represent 10 11 common or shared costs that cannot be directly assigned to an individual program. While there may be a variety of methods to allocate these indirect 12 costs to individual programs, the selection of any one method would prove to be 13 (1) arbitrary - since there is no valid support for any of the methods and (2) 14 imprecise – since by definition they are not directly associated with any one 15 program and cannot be accurately assigned to any given program. 16

indirect GEA and A&G costs support all program offerings and, therefore, only exist at the portfolio level. As such these costs should also be accounted for at the portfolio level rather than at the program level. Obviously, if such costs are

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included in the individual program evaluations, the cost effectiveness of the affected programs will decrease and some programs may no longer be cost

- effective. As those programs are eliminated and the "orphaned" costs are
- reallocated to the remaining programs, their cost effectiveness will further
- deteriorate, and the process will continue.

4 Q. IS THE COMPANY'S DSM/EE PORTFOLIO COST EFFECTIVE?

- 5 A. Yes it is. The avoided costs associated with the Company's DSM/EE portfolio
- exceed the sum of direct and indirect program costs including both A&G and
- 7 GEA costs in their entirety.
- **8 Q. DOES THIS CONCLUDE YOUR TESTIMONY?**
- 9 A. Yes.

North Carolina Retail - DSM/EE Revenue Requirements Summary

21,332

37,202,691 379,366 2,116,426

4,831,737

39,698,483

481,041

4,443,215

| | | | | | | | | N | ORTH CAROLI | NA JURISDICT | ONALLY ALLOC | ATED RETAIL | L COSTS ONLY | <u> </u> | | | | | |
|-----|---|-------------------------------|----------------------|---|-----------|------------------------|---------------------|---------------------------------|----------------------|--------------------------|-------------------------|------------------|---------------------------------------|----------------|--------------|-------------------------|----------------------|-------------------|--------------------------|
| A. | . Test Period | | OSM | Insurance | | Capitalized | | Amortization of Capitalized A&G | Prior Period | DSDR Capital | Income Taxes on DSDR | DSDR Property | DSDR | Carrying Costs | | Rev Regmt Before PPI & | Net Lost Revenue | | Rev Regmt With |
| | April 2010 through March 2011 | | (1) | (2) | (3) | (4) ECulu(1)(bru(3) | (5) ((1)+(2))/10 | (e) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) IColo(Steau)13) | (15) | (16) | (17) \$Cob(1-GRou(10) |
| 1 2 | NC DSM Program Expenses CIG DR EnergyWise | Per Backs Per Backs | 963,393 8,438,872 | ाहर जिल्ला | - | 963,393 8,438,872 | 96,339 843,887 | | 75,064 973,748 | - · 2 ~ 16. | ": bu ; | | 17 E. J. | 1 : | | 171,403 1,817,635 | 3,636 7.657 | 56,358 529,040 | 231,396 2,354,332 |
| 3 | Total DSM DSM Assigned A&G and CCost | I Lines I thru ? Per Books | 9,402,265 | | 727,939 | 9,402,765 727,939 | 940,226 | 242,646 | 1,048,812 264,498 | | arc i | | ` , <u>, , , </u> | 696,445 | - 257,573 | 1,989,038 1,461,162 | 11,293 | 585,390 | 2,585,729 1,461,162 |
| 5 | Total DSM and Assigned Costs | I Lines 3 thru 4 | 9,402,265 | أسلست | 727,939 | 10,130,204 | 940,226 | 242,646 | 1,313,310 | · #2 | 1,5 A | | 200 | 696,445 | 257,573 | 3,450,200 | 11,293 | 545,398 | 4,046,891 |
| | NC EE Program Expenses | | | | | | | | | | | | | _ | | | | | |
| 6 | Res Home Advantage | Per Books | 1,079,525 | F | • | 1,079,525 | 107,953 | - | 144.115 | 5 T 3 | | 1.00 | 75. eg.,] | | • | 252,068 | 119,457 | 39,704 | 411,229 |
| 7 | Res Home Energy Improvem's | Per Books | 7,144,416 | 1 | • | 7,144,416 | 714,442 | | 613,515 | 3.7 | | , 1-, | ~ 4 6 4 4 3 | | • | 1,327,957 | 259, 99 2 | 94,788 | 1,682,737 |
| | Residential Low (ncome | Per Books | 1,701,191 | • | - | 1,701,191 | 170,119 | | 124,452 | | Stee . St. | | | 1 - | - | 294,571 | 184,521 | - | 479,092 |
| 9 | CIG Energy Efficiency | Per Books | 6,273,566 | 1 - I | - | 6,273,566 | 627,357 | | 646,731 | - i | | أنسي | i √ 7## | 4 - | - | 1,274,088 | 1,569,479 | 744,743 | 3,588,310 |
| 10 | Solar Hot Water Priot | Per Books | 165,701 | 1 | - | 169,701 | 16,970 | | 16,852 | 1 3 3 3 | , υ π. | • | 4 | 1 - | - | 33,822 | - | - | 33,822 |
| 11 | Residential Lighting* | Per Books | 5,687,745 | | - | 5,687,745 | 1,137,549 | | 629,631 | | -3 | | 2 | đ - | - | 1,767,170 | 2,919,531 | 444,198 | 5,130,899 |
| 12 | Res Appliance Recycling | Per Books | 1,184,094 | 1: 1 | - | 1,184,094 | 118,409 | | 31,431 | _ · · · · | | | ٠٠٠ يوسر ۾ لا | 1 . | | 149,840 | 124,696 | 22,269 | 296,805 |
| 13 | EE Benchmarking* | Per Books | 129,149 | 1 1 | | 129,149 | 129,149 | | - | Г′СУ | e• (| | | 4 | | 129,149 | - | - | 129,149 |
| 14 | Home Depot CFI. | Per Books | | 1 + - : · · · · · · · · · · · · · · · · · · | | | | | 34,012 | 2.0 | * 4 | ** | 72 - 2 | <u> </u> | | 34,012 | | | 34,012 |
| 15 | Total EE | I Lines 6 thru 14 | 23,369,387 | [%7: 4] | - | 23,369,387 | 3,021,948 | - | 7,240,729 | y~ / # | د فعنظت | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 7 . | • | 5,262,677 | 5,177,677 | 1,345,702 | 11,786,056 |
| 16 | EE Assigned A&G and CCost | Per Books | | <u>'</u> | 1,367,155 | 1,367,155 | | 455,718 | 750,796 | 1 6 C 7 | | វី ១៩៩ | . ~ ~ ~ ~ ~ ~ ~ ~ | 1,277,964 | 473,574 | 2,957,552 | | | 2,957,552 |
| 17 | Total EE and Assigned Costs | Σ Lines 15 thru 16 | 23,369,387 | | 1,367,155 | 24,736,542 | 3,021,948 | 455,718 | 2,991,025 | CONTRACTOR OF THE SECOND | 7 24 | F 1, 1, 1, 1, | , 15 34 FE | 1,277,964 | 473,574 | 8,220,229 | 5,177,677 | 1,345,702 | 14,743,508 |
| | NC DSDR Program Expenses | | | | | | | | | | | | | | | | | | |
| 18 | DSDR Program | Per Books | 4,431,039 | 379,366 | - | 4,810,405 | 481,041 | • | 754,874 | 4,812,235 | 1,872,439 | 182,402 | 3,124,910 | | | 11,227,901 | - | - | 11,227,901 |
| 19 | DSDR Assigned A&G and CCpst | Per Books | | | 21,332 | 71.332 | | 7,111 | 759,455 | | | | | 459,140 | 169,551 | 1,395,257 | | | 1,395,257 |

1,514,329

705,475 5,818,664

2,872,439

1,872,439

4,812,735

4,812,235

182,402 3,124,910

382,402 3,124,910

459,140

2,433,549

12,623,158

169,551

900,696

| | | | | | | | | NO | L COSTS ONLY | | | | | | | | | | |
|----|-------------------------------|--------------------|-------------|-------------|------------------|-----------------|-----------------|-----------------|--------------|--------------|---|--|---|----------------|--------------|-----------------|------------|-------------|------------------|
| _ | | | 测量数式 | | 7 8 7 3 | | 7 5 5 6 4 | 没有证金 。 | 32 X | | | 67.5 | | 1777 6 | S 57 5 54 | | 1 1 1 | 25 F 19 | 공연하는 다. |
| В. | Prospective Peri | iod | 15 | | | | | | | | Income Taxes | DSDR | | | Income Taxes | Rev Regmt | Net Lost | Program | Rev Regmt |
| | • | | | | A&G | Capitalized | Amortization of | Amortization of | Prior Period | DSDR Capital | on DSDR | Property | DSDR | Carrying Costs | on Carryong | Before PPI & . | Revenue | Performance | With |
| | | | 08M | Insurance . | Expense 🥠 | O&M and A&G | Capitalized O&M | Capitalized ARG | Amartization | . Costs | Capital Costs | Taxes | . Depreciation | Net of Taxes | | NUR | Recoupment | Incentive | PP1 & N1R |
| | April 2011 through July 2012 | | (1) | (2) | (3) | [4] | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) |
| | | | | | | ICols(1)thru(3) | ((1)+(Z))/18 | (3)/3 | | | | | | | | ICols(5)#ms(13) | | | 2Cale(14)Hru(16) |
| | NC DSM Program Expenses | | | | | | | | | | | | | | | | | | |
| 3 | CIG DR | Par Forecost | 840,397 | | - | 640,397 | 84,040 | • | | | ** 7 = | • | · • • • • • • • • • • • • • • • • • • • | | - | 84,040 | • | - | 84,040 |
| 2 | EnergyWise | Per Forecast | 3,507,958 | <u> </u> | | 3,507,950 | 350,796 | - | | <u> </u> | <u> </u> | | 1,7,4 | <u> </u> | | 350,796 | | | 350,796 |
| 3 | Total DSM | I Lines I thro 2 | 4,348,355 | · · · · · | • | 4,348,355 | 434,436 | - | | ľ . | | ······································ | , ja ' | - | - | 434,836 | - | • | 434,836 |
| 4 | DSM Assigned A&G and CCost | Per Books | | | 307.296 | 307,296 | | 102,432 | | | | | | 345,396 | 133,478 | \$81,306 | | | 581,306 |
| 5 | Total DSM and Assigned Costs | I Lines 3 thru 4 | 4,348,355 (| | 307,296 | 4,655,651 | 434,836 | 102,432 | | <u> </u> | | | 4.60 | 345,396 | 133,474 | 1,016,142 | - | • | 1,016,142 |
| | | | | | | | | | | | | | _ | | | | | | |
| | NC EE Program Expenses | | | | | | | | | | | | | | | | | | |
| 6 | Res Home Advantage | Per Forecost | 405,101 | | - | 409,101 | 40,910 | - | | 100 | ofge, et . | 77-18.7 | | • | - | 40,910 | 75,250 | • | 116,160 |
| 7 | Res Home Energy Improvem's | Per Forecost | 1,928,089 | | • | 1,928,089 | 192,609 | • | | | | | · / | • | • | 192,809 | 169,220 | • | 362,029 |
| • | Residential Low Income | Per Farecast | 570,130 | | - | 570,130 | \$7,013 | - | | L Francisco | | | 1 1 2 4 4 | | • | 57,013 | 110,135 | - | 167,148 |
| 9 | CIG Energy Efficiency | Per Forecust | -,,, | 1 11 | - | 2,165,329 | 216,533 | • | | 1 P | " , " 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 43 6 | | - | • | 216,533 | 850,689 | • | 1,067,222 |
| 10 | Solar Hot Water Priot | Per Forecost | 56,614 | 74-1 | - | 56,614 | 5,661 | - | | **** | | 14 T | State of | | - | 5,661 | - | • | 5,661 |
| 22 | Residential Lighting* | Per Forecost | 1,864,760 | | - | 1,864,760 | 372,952 | - | | | | 3 2 | , 4 | | - | 372,952 | 1,778,086 | • | 2,151,038 |
| 12 | Res Appliance Recycling | Per Forecast | 548,320 | · ` ` | • | 548,320 | 54,432 | • | | 1 | * * * * * | 3.1 | * * ********************************** | | - | 54,832 | 106,451 | • | 161,283 |
| 13 | EE Benchmarking* | Per Forecast | 769,006 | | | 269,006 | 269,006 | | | ت في ال | 7, | | | | | 269,006 | 115,643 | | 384,649 |
| 14 | Home Depot CFL | Per Forecast | | 1 | | | <u> </u> | • | | <u> </u> | <u>``. </u> | <u> </u> | | <u> </u> | | | • | | |
| 15 | Total EE | I Lines 6 thru 14 | 7,811,349 | 1 | - | 7,811,349 | 1,209,716 | - | | | | . : | * *** | • | - | 1,209,716 | 3,205,473 | - | 4,415,189 |
| 16 | EE Assigned A&G and CCost | Per Forecast | | 1 | S5 <u>7.</u> 846 | 557,846 | | 185,949 | | <u> </u> | | - | | 692,547 | 267,634 | 1,146,130 | | | 1,146,130 |
| 17 | Total EE and Assigned Costs | E (ines 15 thru 16 | 7,811,349 | لتنت | 557,846 | 8,369,195 | 1,209,716 | 185,949 | | 1 | | <u> </u> | 2 4 5 | 692,547 | 267,634 | 7,155,846 | 3,205,473 | ٠ | 5,561,319 |
| | | | | | | | | | | | | | | | | | | | |
| | MC DSDR Program Expenses | | | | | | 219.653 | | | 3 433 400 | 1,079,238 | ** *** | | | | | | | |
| 10 | DSDR Program | Per Forecust | 2,024,439 | 172,094 | - | 2,196,533 | 719,653 | • | | 2,132,100 | 1,079,236 | 98,450 | 1,465,422 | | | 4,994,863 | - | • | 4,994,863 |
| 19 | DSDR Assigned A&G and CCost | Per Forecast | | | <u> </u> | | *** | | | | 4 6 7 6 7 7 7 | | | 198,167 | 76,581 | 274,748 | | | 274,748 |
| 20 | Total OSDR and Assigned Costs | I imes 18 thru 19 | 2,024,439 | 172,094 | • | 2,196,533 | 219,653 | • | | 2,132,100 | 1,079,238 | 98,450 | 1,465,422 | 198,167 | 76,581 | 5,269,611 | • | • | 5,269,611 |
| 21 | Prospective Period Totals | Lines 5 + 17 + 20 | 14,184,143 | 172,094 | 865,142 | 15,221,379 | 1,864,205 | 288,381 | | 2,132,100 | 1,079,238 | 98,450 | 1,465,422 | 1,236,110 | 477,693 | 8.641.599 | 3,205,473 | | 11,847,072 |

^{*} Residential Lighting is recoverable over a 5 year period. EE Benchmarking program is recoverable over a 1 year period. All other EE programs are over 10 years.

12,623,158

24,293,587 5,188,969 1,931,100 31,413,657

North Carolina Retail - DSM/EE Revenue Requirements Summary

| C. | C. Prior Prospective Period | | | | A&G | Captalued | Amertization of | Amortization of | OSOR Capital | Income Taxes | DSDR Property | OSDR | Carrying Costs | Income Taxes on Carrying | Rev Regnit (c. Balore PPI & | Net Lost Revenue | Program () Performance | Rev Regmt |
|----|-----------------------------------|--------------------|--------------|----------------------|-----------|---------------|------------------|-----------------|--|-----------------|------------------|----------------|------------------------|-----------------------------|-----------------------------|---------------------|---------------------------|----------------|
| | April 2010 through July 2015 | | 9 P O SM C ? | Insurance 2. | Expense (| OSM and ASG | Capitalized O&M* | Capitalized A&G | | Capital Costs : | | Depreciation (| Het of Taxet S (12) | (13) | (14) | Recoupment (15) | (16) | (17) |
| | • | | | | | ECold (Minus) | £1)-(2)p10 | (3/a | | | | | | | IColo(S)Best 129 | | | 2Cab(14thn(16) |
| | NC DSM Program Expenses | | _ | | | | | | | | | | | | | | | |
| 1 | CIG DR | Per Books | 225,718 | 4 | - | 225,718 | 22,572 | - | 3 | | . 85 HA | | - | - | 22,572 | - | - | 22,572 |
| 2 | ! EnergyWise | Per Books | 2,794,286 | | | 2,794,286 | 279,429 | | k. ⊷ ' ∩ | .) 🖟 | , jr., | 1. B. W. 188 | - | - | 279,429 | | - | 279,429 |
| 3 | Total DSM | I Lines 1 thru 2 | 3,020,004 | 17 - 24 | - ' | 3,020,004 | 302,001 | - | 1 3 4 1 m | ₽ g, | | 27 44 1 | - | - | 302,001 | - | | 302,001 |
| 4 | DSM Assigned A&G and CCost | Per Books | | | 231,626 | 231,626 | | 77,209 | fings way 1. | * T . | รท. เริ่มเก็บ | 3 . Fg 4 | 173,867 | 67,997 | 114,068 | | | 314,068 |
| 5 | Total D5M and Assigned Costs | 3 times 3 thru 4 | 3,020,004 | | 231,626 | 3,251,630 | 302,001 | 77,709 | P *** 4 *** | V | | أحسر والمال | 173,667 | 62, 99 2 | 616,069 | - | | 615,459 |
| | NC EE Program Expenses | | | | | | | | | | | | | | | | | |
| 6 | Res Home Advantage | Fer Books | 356,583 | - 5 | - | 156,583 | 35,658 | • | 7 | . 44 | | L | | • | 35,658 | 19,281 | | 54,939 |
| 7 | Res Home Energy kuprovem't | Per Books | 2,174,615 | | - | 2,174,615 | 217,462 | • | | | | | - | - | 217,462 | 130,516 | | 347,978 |
| | Residential Low Income | Per Books | 510,132 | | - | 510,132 | 51,013 | | 100 | | | | - | - | 51,013 | 38,611 | | 29,624 |
| 9 | CIG Energy Efficiency | Per Books | 1,734,152 | | - | 1,734,152 | 173,415 | • | A | | ₩., | | - | - | 173,415 | 344,053 | | 517,468 |
| 14 | 8 Solar Hot Weter Pilot | Per Books | 38,032 | k | • | 38,032 | 3,803 | • | | | | | - | - | 3,803 | - | | 3,803 |
| 1 | 1 Residential Lighting* | Per Books | 2 157 704 | S. 19.72 | - | 2,157,704 | 431,541 | | 244 | * * * * * * * | | | - | - | 431,541 | 385,327 | | E16,868 |
| 12 | 2 Res Appliance Recycling | Per Baoks | 239,144 | nor y | - | 239,144 | 23,914 | • | \$ for to | 1 9 | # - n | | - | - | 23,914 | 10,318 | | 34,232 |
| 1. | 3 EE Benchmarking" | Per Sooks | • | *4, ** ₇₇ | | - | • | - | Birm 1974 | | 3 P80 14 | Server of L | | | - | - | | - |
| 34 | 4 Home Depot CFL | Per Books | | 2.5 7.3.14 | | | <u> </u> | <u> </u> | F1.74 13.5% | A1 25 C | Party July | y illing | - | • | • | | | |
| 1 | 5 Total EE | I Unes 6 thru 14 | 7,210,362 | | - | 7,210,362 | 936,806 | • | , , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | y. 1 4 3 | be to a with F | Esa, I piegli | - | • | 136,206 | 928,107 | - | 1,864,913 |
| 10 | 6 EF Assigned A&G and CCost | Per Books | | | 434,280 | 434,280 | | 144,760 | 72. | A 14 4 | مُوعَ (بالدِّينَ | The Sales and | 293,433 | 106,494 | 544,687 | | | 544,687 |
| 1 | 7 Total [F and Assigned Costs | I times 15 thru 16 | 7,210,362 | | 434,280 | 7,644,642 | 936,806 | 144,760 | | | | | 293,433 | 106,494 | 1,481,493 | 928,107 | • | 2,409,600 |
| | NC DSDR Program Expenses | | | | | | | | | | | | | | | | | |
| 14 | S DSDR Program | Per Backs | 1,859,782 | 100,202 | - | 1,959,984 | 195,998 | - | 1,294,277 | 597,146 | 48,251 | 705,066 | | | 2,840,738 | - | - | 2,840,738 |
| 19 | 9 DSDR Assigned A&G and CCost | Per Books | | | 24,339 | 24,339 | | 6,113 | | | | | 127,233 | 46,097 | 183,443 | | | 281,443 |
| 20 | D Total OSDR and Assigned Costs | I Lines 18 thru 19 | 1,859,782 | 100,202 | 24,339 | 1,984,323 | 195,998 | 6,113 | 1,294,277 | 597,146 | 48,251 | 705,066 | 127,233 | 46,097 | 3,022,181 | • | • | 3,022,181 |
| 2 | 1 Prior Prospective Period Totals | lines 5 + 17 + 20 | 12,090,148 | 100,202 | 690,245 | 12,880,595 | 1,434,805 | 230,042 | 1,294,277 | 597,146 | 48,251 | 705,066 | 594,533 | 215,583 | 5,119,743 | 926,107 | • | 6,047,850 |
| | | | | | | | | | | | | | | | | | | |

NORTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY

NORTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY

D. EMF Revenue Requirements

| D. EIVIF Revenue Requirements | | | | | | | j 3 4 € 6 × | | | Income Taxes | DSDR | | · .). | ncome Taxes | Rev Regmt | Net tost | Program | Rev Regmt | | |
|-------------------------------|---|--------------------|------------|---|-----------|-----------------|-----------------------|-----------------|--------------|--------------|------------------|----------------|--------------|----------------|-----------|--------------------|-------------|-----------|-------------------|-----|
| Test F | Period • Prospective Period • Prior Presp | ective Period | | | ASG | Capitalized | Amortization of . | Amortization of | Prior Period | DSDR Capital | | Property | OSDR | Carrying Costs | | Before PPI & | , Resenue G | | | |
| | | | OSM 1 | , Insurance | Expense | O&M and A&G | Capitalized O&M | Capitalized A&G | Amortysticn | Costs | Capital Costs | | | Net of Taxes | | P NIR | Recoupment | | PPI & NLR | |
| | Aug 2010 through July 2011 | | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (12) | (12) | (13) | (14) | (15) | (16) | (27) | |
| | | | • • • | • • • | | ECult(1)thru(3) | ((1)+(2) (/10 | (3)/3 | | | | | | | | EColo(Syllenu) 13) | | | SColo(1-98bou(10) | |
| | NC DSM Program Expenses | | | | | | | | | | | | | | | | | | | |
| 1 | CIGDR | Sections A + B - C | 1,578,072 | | - | 1,578,072 | 157,807 | - | 75,064 | | | | | - | - | 232,871 | 3,636 | 56,358 | 292,864 | |
| 2 | EnergyWise | Sections A + B - C | 9,152,544 | 111111 | | 9,152,544 | 915,254 | | 973,748 | * | 7. 1. 2. 2 | | | - | | 1,889,002 | 7,657 | 529,040 | 2,425,699 | |
| 3 | Total DSM | I tines 1 thru 2 | 10,730,616 | | | 10,730,616 | 1,073,061 | | 1,048,812 | 14 4 0° 1 | 4 | - 8:4654.754 | **11 × 23 | | | 2,121,873 | 11,293 | 585,398 | 2,718,564 | |
| 4 | DSM Assigned A&G and CCost | Per Books | | [· · · · · · · · · · · · · · · · · · · | 803,609 | 803,609 | | 267,869 | 264,498 | 1. de | , X* E | print that the | and the feet | 867,974 | 378,059 | 1,728,400 | | | 1,728,400 | |
| 5 | Total DSM and Assigned Costs | 2 Lines 3 thru 4 | 10,730,616 | :1 · · · :4 | 803,609 | 11,534,225 | 1,073,061 | 267,869 | 1,313,310 | | raca dam | اسم وشرود | 1 K 7" | 867,974 | 320,059 | 3,850,273 | 11,293 | 505,398 | 4,446,964 | |
| | NC EE Program Expenses | | | | | | | | | | | | | | | | | | | |
| | Res Home Advantage | Sections A • B • C | 1,132,043 | | _ | 1,132,043 | 113,205 | _ | 144,115 | | , , , | · 100 P | | _ | _ | 257,320 | 175,425 | 39,704 | 472.449 | |
| • | Res Home Energy Improvers't | Sections A + B - C | 6,897,890 | 1: -1 | - | 6,897,890 | 689,789 | | 613,515 | Δ. | | γa: | | - : | | 1,303,304 | 298,696 | 94,788 | 1,696,788 | |
| | Residentui Low Income | Sections A • B - C | 1,761,189 | 1 6.1 | | 1,761,189 | 176,119 | | 124,452 | F- 6 7 (. | | | , | - | - | 300,571 | 256,045 | | 556,616 | |
| - | GG Energy Efficiency | Sections A + B - C | 6,704,743 | 24 | | 6,704,743 | 670,475 | | 646,731 | 4 | | | | | | 1,317,206 | 2,076,115 | 744,743 | 4,138,064 | |
| 10 | Solar Hot Water Priot | Sections A + B - C | 188,783 | 27 12 | | 188,283 | 18,828 | - | 16,852 | 7.7 | , ; | | | | | 35,680 | 2,0-0,110 | | 35,680 | |
| 11 | Residential Lighting* | Sections A + B · C | 5,394,801 | L": «" | | 5,394,801 | 1,078,960 | | 629,621 | i. `` ^ + | ي الماء | * * * * | il | _ | | 1,708,581 | 4,312,290 | 444,196 | 6,465,069 | |
| 12 | Res Appliance Recycline | Sections A + B - C | 1,493,270 | 44 | - | 1,493,270 | 149,327 | | 31,431 | 4 4 | 1.0 _ 'n d 5 | | 11.00 | | | 180,758 | 220,828 | 22,269 | 423,855 | |
| 13 | EE Benchmarking* | Sections A + B - C | 398,155 | 1 3 5 5 | | 398,155 | 398,155 | | - | W 4 64 1 | 4 . 3 | | | | | 398,155 | 115,643 | - | 513,798 | |
| 14 | Home Depot CFL | Sections A + B - C | • | 1 ' + 1 | | , | , | | 34,012 | المحور | | | 4 , 2 1 | | - | 34,012 | | _ | 34,012 | |
| 15 | Total EE | E Longs & theu 14 | 23,970,374 | 1 1 | | 23,970,374 | 3,294,858 | • | 2,240,729 | 1 | | 4. | * * * * 4 | | - | 5,535,587 | 7,455,043 | 1,345,702 | 14,336,332 | |
| 16 | EE Assigned AEG and CCost | Per Books | | " " | 1,490,721 | 1,490,721 | • • | 496,907 | 750,296 | 1 | El Propie | | " F | 1,677,078 | 634,714 | 3,558,995 | | | 3,558,995 | |
| 17 | Total EE and Assigned Costs | I Lines 15 thru 16 | 23,970,374 | 1 1 1 | 1,490,721 | 25,461,095 | 3,294,858 | 496,907 | 2,991,025 | | 1 - X - | 422 | 4 | 1,677,078 | 634,734 | 9,094,582 | 7,455,043 | 3,345,702 | 17,895,327 | |
| | 44 0400 0 T | | | | | | | | | | | | | | | | | | | |
| | MC OSOR Program Expenses DSDR Program | Sections A + B - C | 4,595,696 | 451,258 | | 5.046,954 | 504,696 | | 754,874 | 5,650,058 | 2,354,531 | 232,601 | 3,885,266 | _ | _ | 13.382,026 | _ | _ | 13,382,026 | |
| 18 | DSDR Assigned A&G and CCost | Per Books | -,373,070 | -31,236 | (3,007) | (3,007) | 304,870 | (1,002) | 759,455 | 3,030,036 | 2,25,332 | 2-2,001 | 3,003,200 | 530,074 | 200,035 | 1,488,562 | | - | 1,488,562 | 9 |
| 13 | Total DSDR and Assigned Costs | T Lines 18 thru 19 | 4,595,696 | 451,258 | (3,007) | 5,043,947 | 504,696 | (1,002) | 1,514,329 | 5,650,058 | 2,354,531 | 232,601 | 3,885,266 | 530,074 | 200,035 | 14,870,588 | | | 14,870,588 | - 3 |
| 20 | I GOLD IN AND ASSESSED COSTS | T COMME TO LUNC TR | 7,373,090 | -31,230 | ,3,007 | ********** | 304,030 | (1,002) | 1,217,323 | 5,550,650 | 125,001 | 2.52,001 | 3,202 | 330,074 | 200,033 | 2-7,070,300 | • | • | 24,070,300 | |
| 21 | EMF Period Totals | Lines 5 + 17 + 20 | 39,796,666 | 451,258 | 2,291,323 | 42,039,267 | 4,872,615 | 763,774 | 5,818,664 | 5,650,058 | 2,354,531 | 232,601 | 3,885,266 | 3,075,126 | 1,167,808 | 27,415,443 | 7,466,335 | 1,931,100 | 37,212,878 | |

^{*} Residential Lighting is recoverable over a 5 year period. EE Benchmarking program is recoverable over a 1 year period. All other EE programs are over 10 years.

North Carolina Retail - DSM/EE Revenue Requirements Summary

| | | | NORTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY | | | | | | | | | | | | | | | | |
|----------------|--------------------------------|--------------------|---|-----------|-----------|------------------------|-----------------------|-----------------|--------------|----------------|------------------|--------------|-----------------------|----------------|-------------|----------------|------------|--------------|---------------------|
| E. Rate Period | | | 學是有書 | y A | A&G I | Capitalizade | Amortization of | Amortization of | Prior Period | DSDR Capital : | Income Taxes 4 | Property | N OSDR | Carrying Costs | on Carrying | *Before PPI & | Net lost | Performance | Rev Regmt : |
| | | | NEW Y | Insurance | Expense | O&M and A&G | Capitalized O&M C | apitalized A&G | Americation | Costs > | Capital Costs & | Staxes () | Depreciation = | Net of laxes 🗟 | e Con el | NIR . | Recoupment | Intentive *: | PPIS NLR |
| | December 2011 through November | 2012 | (1) | (2) | (3) | (4) | (5) | (6) | | (10) | (11) | (12) | (13) | (14) | (15) | (16) | (17) | (18) | (19) |
| | | | | | | ECult/Ohm(3) | ((1)-(2)) /10 | (3)(3) | | | | | | | | ZCob(Sphru(15) | | | (Cab) (Spinus) (18) |
| | NC DSM Program Expenses | | | | | | | | | | | | | | | | | | |
| 1 | CIG DR | Per Favecast | 2,669,214 | ** | • | 2,669,214 | 266,921 | - | 232,871 | | | | | - | - | 499,792 | - | 174,272 | 674,064 |
| 2 | EnergyWise | Per Forecast | <u>10,965,≵43 </u> | 1 12 1 | | 10,965,243 | 1,096,524 | - | 1,689,002 1 | · | <u></u> | <u>-5.4</u> | - 1- | | <u> </u> | 2,985,526 | | 921,024 | 3,906,550 |
| 3 | Total DSM | I Lines 1 thru 7 | 13,634,457 | | • | 13,634,457 | 1,363,445 | • | 2,121,873 | | يد وارو سرسه ۵۰ | *** ** ** ** | | - | - | 3,485,318 | - | 1,095,296 | 4,580,614 |
| 4 | DSM Assigned A&G and CCost | Per Books | | Street . | 824,874 | 824,874 | | 274,958 | 554,278 | | , , , | | · | 1,645,772 | 636,008 | 3,111,016 | | | 3,111,016 |
| 5 | Total DSM and Assigned Costs | I Lines 3 thru 4 | 13,634,457 | 47.7 | 824,874 | 14,459,331 | 1,363,445 | 274,955 | 2,676,151 | | in | | | 1,645,772 | 636,008 | 6,596,114 | - | 1,095,296 | 7,691,630 |
| | | | | | | | | | | | | | - | | | | | | |
| | NC EE Progrem Expenses | | | | | | | | | | يبر سيسب | | Crain State of Street | | | | | | •• |
| 6 | Res Home Advantage | Per Forecast | 1,773,681 | 44. | - | 1,773,681 | 177,368 | - | 257,320 | , | رو السيوس | | | • | • | 434,688 | 367,326 | 101,860 | 923,874 |
| 7 | Res Home Energy Improvem's | Per Forecast | 6,806,150 | " | • | 6,806,150 | 680,615 | • | 1,303,304 | • • • • • | * | | 1 1 | • | - | 1,983,919 | 810,277 | 206,327 | 3,000,523 |
| 8 | Residential Low Income | Per Forecast | 1,704,312 | 7 | - | 1,704,312 | 170,431 | - | 300,571 | | * # E. | " " | · | - | • | 471,002 | 529,001 | | 1,000,003 |
| 9 | CIG Energy Efficiency | Per Forecost | 7,183,355 | 5 2 | - | 7,183,355 | 718,336 | - | 1,317,206 | - | | | 1 | - | - | 2,035,542 | 4,031,063 | 1,593,674 | 7,658,280 |
| 10 | Solar Hot Water Print | Per Farecast | - 1 | | - | | • | • | 35,680 | | - 1 | | | - | - | 35,680 | | | 35,680 |
| 11 | | Per Forecast | 4,838,561 | 7 | • | 4,838,561 | 967,712 | - | 1,708,581 | | د. ا | •• | | - | - | 2,676,293 | 8,739,563 | 923,815 | 12,339,671 |
| 12 | Res Appliance Recycling | Per Forecast | 1,749,585 | 9 d | - | 1,749,585 | 174,959 | - | 180,758 | 1 | The state of the | * * | ~~ | - | • | 355,717 | 660,620 | 58,251 | 1,074,588 |
| 13 | | Per Forecast | 796,222 | £ 35 | | 796,222 | 796,222 | | | A. 1867 | ~ | | | | | 796,222 | 693,792 | 55,107 | 1,544,621 |
| 14 | Home Depot CFL | Per Forecust | | | - | | <u>-</u> | - | 34,012 | | | No. + 14 ~ | | | <u>-</u> _ | 34,012 | | | 34,012 |
| 15 | i Total EE | I Lines 6 thru 14 | 24,851,866 | 43 | - | 24,851,8 66 | 3,685,643 | - | 5,137,432 | ومواوية الجازا | | | | | · · · · · | 8,623,075 | 15,851,143 | 2,937,035 | 27,611,253 |
| 16 | EE Assigned A&G and CCost | Per Forecast | | | 1,495,531 | 1,495,531 | | 498,510 | 899,657 | 1 P. of | * 7 894 | 20.75 | X a State of the | 3,075,817 | 1,182,648 | 5,662,637 | | | <u>5,6</u> 62,632 |
| 17 | Total EE and Assigned Costs | 7 (mars 25 thru 26 | 24,851,866 | | 1,495,531 | 26,347,397 | 3,685,643 | 498,510 | 6,037,069 | | | | | 3,075,817 | 1,128,642 | 14,485,707 | 15,851,143 | 2,937,035 | 33,273,885 |
| | NC OSOR Program Expenses | | | | | | | | | | | | | | | | | | |
| 12 | DSQR Program | Per Forecust | 7,421,069 | 809,246 | | 8,230,315 | 823,032 | | 1,259,570 | 9,379,703 | 4,747,867 | 456,740 | 7,108,591 | | | 23,775,503 | - | | 23,775,503 |
| 19 | DSDR Assigned A&G and CCost | Per Forecost | -,,300 | | | - | | - | 83,917 | | - • | | | 943,839 | 364,746 | 1,392,502 | | | 1,392,502 |
| 20 | Total OSDR and Assigned Costs | Σ Lines 18 thru 19 | 7,421,069 | 809,246 | | 8,230,315 | 823,032 | - | 1,343,487 | 9,379,703 | 4,747,867 | 456,740 | 7,106,591 | 943,839 | 364,746 | 25,168,005 | • | • | 25,168,005 |
| | _ | | | | | | | | | | | | | | | | | | |
| 21 | Rate Period Totals | Lines 5 + 17 + 20 | 45,907,392 | 809,746 | 2,320,405 | 49,037,043 | 5,872,120 | 773,468 | 10,056,727 | 9,379,703 | 4,747,867 | 456,740 | 7,108,591 | 5,665,428 | 2,189,402 | 46,250,046 | 15,851,143 | 4,032,331 | 66,133,520 |

^{*} Residențial Lighting is recoverable over a 5 year period. EE Benchmarking program is recoverable over a 1 year period. All other EE programs are over 10 years.

PROGRESS ENERGY CAROLINAS, INC.

Annual Sales for NC Customers Opting-Out for DSM/EE Rate¹
Annual Sales for the Year Ended March 31, 2011

| Rate Class | Opt-Out KWHs |
|---------------------|----------------|
| Residential | - |
| General Service | 10,952,780,436 |
| Lighting | 12,606,941 |
| Total Opt-Out Sales | 10,965,387,377 |
| | |

¹ Actual Opt-Out volumes for the twelve-months ending March 31, 2011.

PROGRESS ENERGY CAROLINAS, INC.

Energy Allocation Factors - Applicable to EE Program Costs

North Carolina Rate Class Energy Allocation Factors

| | Total NC Rate Class Sales (MWhrs) (1) | Opt-Out Sales ⁽²⁾ | Adjusted NC Rate Class MWHr Sales (3) = (1) - (2) | Rate Class Energy Allocation Factor (4) = (3) / NC Total in Column 3 |
|-----------------|---------------------------------------|------------------------------|---|--|
| Rate Class | | ., | | ., ., |
| Residential | 15,449,253 | - | 15,449,253 | 57.31% |
| General Service | 22,013,765 | 10,952,780 | 11,060,984 | 41.03% |
| Lighting | 461,176 | 12,607 | 448,569 | 1.66% |
| NC Retail | 37,924,193 | 10,965,387 | 26,958,806 | 100.00% |

NOTES:

- (1) Total NC Rate Class Sales (MWHrs) are for the forecasted year ended November 2012.
- (2) Opt-Out sales are provided in Evans Direct Exhibit No. 2. Since sales are not forecasted by individual customer, historic opt-out sales are assumed to be unchanged during the rate recovery period.

Demand Allocation Factors - Applicable to DSM Programs

North Carolina Rate Class Demand Allocation Factors

| Rate Class | Total NC Rate Class Sales (1) (1) | Sales Subject to Opt-Out (2) (2) | Rate Class Demand (3) (3) | Revised Rate Class Demand (4) = ((1 - 2) / 1) * 3 | Rate Class Allocation Factor (5) = (4)/Total of Column 4 |
|-----------------|-----------------------------------|----------------------------------|---------------------------|---|--|
| Residential | 15,449,253 | 0 | 3,873,788 | 3,873,788 | 66.41803% |
| General Service | 22,013,765 | 10,952,780 | 3,898,133 | 1,958,647 | 33.58197% |
| Lighting | 461,176 | 12,607 | 0 | 0 | 0.00000% |
| NC Retail | 37,924,193 | 10,965,387 | 7,771,920 | 5,832,434 | 100.00000% |

- (1) Total NC Rate Class Sales (MWHrs) are for the forecasted year ended November 2012.
- (2) Opt-Out sales are provided in Evans Direct Exhibit No. 2
- (3) The CP demands are based on the 2010 Coincident Peak occurring on August 11 during the hour ended at 5 P.M.

Energy Efficiency Rate Derivation

| | | | | | EE | Revenue Require | ments | | |
|-----------------|--|---|--|-----------------------------|---------------------|---|--|-----------------------------|-----------------|
| NC Rate Class | Adjusted NC Rate Class kWHr Sales ⁽¹⁾ | Rate Class Energy Allocation Factor ⁽²⁾ | Residential Programs ⁽³⁾ | CIG Programs ⁽⁴⁾ | DSDR ⁽⁵⁾ | Non-DSDR Allocated A&G and Carrying Costs ⁽⁶⁾ | DSDR Allocated A&G and Carrying Costs ⁽⁷⁾ | Total of Allocated Costs | Total EE Rate |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) = Σ (3 thru 7) | (9) = (8) / (1) |
| Residential | 15,449,253,075 | 57.31% | \$19,952,973 | \$0 | \$13,625,001 | \$4,356,225 | \$798,000 | \$38,732,199 | \$0.002507 |
| General Service | 11,060,984,152 | 41.03% | \$0 | \$7,658,280 | \$9,754,900 | \$1,306,407 | \$571,333 | \$19,290,919 | \$0.001744 |
| Lighting | 448,568,642 | 1.66% | \$0 | \$0 | \$395,602 | \$0 | \$23,170 | \$418,771 | \$0.000934 |
| NC Retail | 26,958,805,869 | 100% | \$19,952,973 | \$7,658,280 | \$23,775,503 | \$5,662,632 | \$1,392,502 | \$58,441,890 | \$0.002168 |
| | | | | | | | | | |

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Evans Direct Exhibit No. 3, column (3).
- (2) Rate Class Energy Allocation Factor is derived in Evans Direct Exhibit No. 3, column (4).
- (3) Residential Program costs are allocated solely to Residential Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (4) CIG Energy Efficiency costs are allocated solely to General Service Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (5) DSDR Costs allocated using Rate Class Energy Allocation Factor from column (2) in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (6) Non-DSDR A&G and Carrying Costs are allocated on the basis of Non-DSDR revenue requirements (excluding incentives).
- (7) DSDR A&G Costs and Carrying Costs are allocated using Rate Class Energy Allocation Factor from column (2).

Demand Side Management Rate Derivation

| | | 5 . 5 | DSM Revenue Requirement | | | | | | | | | |
|-----------------|--|--|---|----------------------------------|---------------------------------------|---|--------------------------------|-------------------|--|--|--|--|
| NC Rate Class | Adjusted NC Rate Class kWHr Sales ⁽¹⁾ | Rate Class Demand Allocation Factor ⁽²⁾ | EnergyWise Program Costs ⁽³⁾ | CIG DR Program ⁽⁴⁾ | Allocated A&G Costs ⁽⁵⁾ | Allocated Carrying Costs ⁽⁵⁾ | Total of Allocated Costs | Total DSM Rate | | | | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) = Σ (3 thru 6) | (8) = (7) / (1) | | | | |
| Residential | 15,449,253,075 | 66.42% | \$3,906,550 | \$0 | \$710,324 | \$1,954,574 | \$6,571,449 | \$0.000425 | | | | |
| General Service | 11,060,984,152 | 33.58% | \$0 | \$674,064 | \$118,912 | \$327,206 | \$1,120,182 | \$0.000101 | | | | |
| Lighting | 448,568,642 | 0.00% | \$0 | \$0 | <u>\$0</u> | \$0 | \$0 | \$0.000000 | | | | |
| NC Retail | 26,958,805,869 | 100.00% | \$3,906,550 | \$674,064 | \$829,236 | \$2,281,780 | \$7,691,630 | \$0.000285 | | | | |

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Evans Direct Exhibit No. 3, column (3).
- (2) Rate Class Demand Allocation Factor is derived in Evans Direct Exhibit No. 4, column (5).
- (3) EnergyWise costs are directly assigned solely to Residential Rate Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (4) CIG DR Program costs are directly assigned solely to General Service Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (5) A&G and Carrying Costs are allocated on the basis of revenue requirements (excluding incentives).

PROGRESS ENERGY CAROLINAS, INC. EMF Adjustments

| | | | Reside | ritial | | | Genera | l Service | | | | Lightin | 19 | | | Totals | 1 | |
|------|---|--------------|--------------------------|-----------|---------------|--------------|-------------------|--------------|---------------|----|------|--------------|----------|------------|--------------|--------------------------|-------------|---------------|
| Line | Description | D5M | OSDR | EE | Total | DSM | DSDR | EE | Total | DS | M | DSDR | ĒΕ | Total | DSM | DSDR | EE | Total |
| 1 | Test Period DSM/EE Rate Billings ¹ Amounts from Schedule W/P R-2, Line SS | \$ 3,277,753 | \$ 8,745,478 \$ | 6,619,506 | \$ 18,642,736 | 5 632,948 | \$ 5,578,517 | \$ 3,055,870 | \$ 9,267,336 | \$ | - \$ | 242,500 | - | \$ 242,500 | \$ 3,910,701 | \$ 14,566,495 \$ | 9,675,376 | \$ 28,152,573 |
| 2 | Prospective Period DSM/EE Rate Billings ² Amounts from Schedule W/P R-2, Line 66 | 1,353,681 | 3,679,723 | 4,118,099 | 9,151,502 | 270,081 | 2,754,497 | 1,728,136 | 4,752,714 | | - | 113,182 | • | 113,182 | 1,623,762 | 6,547,402 | 5,846,235 | 14,017,398 |
| 3 | Less: Prior Prospective Period Billings ³ Amounts from Schedule W/P R-2, Line 56 | (789,387) | (2,074,329) | (875,500) | (3,739,216) | (192,330) | (1,559,641) | (773,264) | (2,\$25,235) | | - | (68,952) | - | (68,952) | (981,717) | (3,702,922) | (1,648,764) | (6,333,403) |
| 4 | Uncollectibles Allowances in Rates ⁴ Amounts from WP 8 9 | (20,211) | (54,450) | (51,879) | (126,541) | (386) | (3,684) | (2,181) | (6,251) | | - | • | - | - | (20,597) | (58,134) | (54,060) | (132,792) |
| 5 | Over or (Under) collection of Uncollectibles ⁵ Amounts from WP 8-6 | (763) | (2,267) | (2,801) | (5,831) | (14) | (214) | (136) | (364) | | - | - | - | • | (777) | (2,481) | (2,937) | (6, 194) |
| 6 | Refund of HEIP PPI and Interest ⁶ Amounts from WP D-S | - | • | 45,884 | 45,884 | - | • | - | - | | - | - | • | • | - | - | 45,884 | 45,884 |
| 7 | Net Adjustments to DSM/EE EMF Clause | \$ 3,821,073 | \$ 10,294,154 \$ | 9,853,308 | \$ 23,968,535 | \$ 710,299 | \$ 6,769,476 | \$ 4,008,424 | \$ 11,488,199 | \$ | - \$ | 286,731 | <u> </u> | \$ 286,731 | \$ 4,531,371 | \$ 17,350,361 \$ | 13,861,733 | \$ 35,743,465 |
| | 1 Lines 1 through 6 | To Exhibit 9 | 1 | 1 | | To Exhibit 9 | | | | | | To Exhibit 8 | | | To Exhibit 9 | | | |
| | | | \$20,147,4 To Exhibit | | | | \$10,77 To Ext | - | | | | | | | | \$31,212,0 To Exhibit | | |

¹ Actual DSM/EE Rate billings for test period (April 2010 through March 2011).

² Actual and estimated DSM/EE Rate billings for prospective period (April 2011 through July 2011).

Actual DSM/EE Rate billings for prior prospective period (April 2010 through July 2010).

Recognition of Docket No. E-2, Sub 951 and Sub 977 based uncollectible revenues for the period August 1, 2010 through July 31, 2011.

⁵ True-Up of uncollectibles covering the period August 1, 2010 through July 31, 2011.

⁶ Refund to reconcile Vintage 2009 Residential Home Energy Improvement Program PPI with verified results.

Energy Efficiency Experience Modification Factor Rate Derivation

| | | | | EE EMF Revenue Requirement | | | | | | | |
|-----------------|--|--|--|--------------------------------|--------------|---|---|-----------------------------|--|--|----------------------|
| NC Rate Class | Adjusted NC Rate Class kWHr Sales ⁽¹⁾ | Rate Class Energy Allocation Factor (2) | Residential Programs ⁽³⁾ | CIG Programs ⁽⁴⁾ | DSDR (5) | Non-DSDR Allocated A&G and Carrying Costs ⁽⁵⁾ | DSDR Allocated A&G and Carrying Costs ⁽⁵⁾ | Total of Allocated Costs | Less: Prior Period DSWEE Rate Adjustment ⁽⁷⁾ | Adjusted EE EMF Revenue Requirement | Total EE EMF Rate |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (6) = Σ (3 thru 7) | (9) | (10)=(8)-(9) | (11) = (10) / (1) |
| Residential | 15,449,253,075 | 57,31% | \$10,198,268 | \$0 | \$7,668,823 | \$2,712,124 | \$853,049 | \$21,432,263 | \$20,147,462 | \$1,284,801 | \$0.000083 |
| General Service | 11,060,984,152 | 41.03% | \$0 | \$4,138,064 | \$5,490,539 | \$846,871 | \$610,745 | \$11,086,220 | \$10,777,901 | \$308,319 | \$0.000028 |
| Lighting | 448,568,642 | 1.66% | \$0 | \$0 | \$222,664 | \$0 | \$24,768 | \$247,432 | \$286,731 | \$39,299 | -\$0.000088 |
| NC Retail | 26,958,805,869 | 100.00% | \$10,198,268 | \$4,138,064 | \$13,382,026 | \$3,558,995 | \$1,488,562 | \$32,765,915 | \$31,212,094 | \$1,553,821 | \$0,000058 |

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Evans Direct Exhibit No. 3, column (3).
- (2) Rate Class Energy Allocation Factor is derived in Evans Direct Exhibit No. 3, column (4).
- (3) Residential Program costs are allocated solely to Residential rates in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (4) CIG Energy Efficiency Program costs are allocated solely to General Service rates in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (5) DSDR Costs aflocated using Rate Class Energy Allocation Factor from column (2) in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (6) Non-DSDR A&G and Carrying Costs are allocated on the basis of Non-DSDR revenue requirements (excluding incentives) assigned in preceding columns.
- (7) Amounts are derived in Evans Direct Exhibit No. 7.

Demand Side Management Experience Modification Factor Rate Derivation

| | | | | | | DSM EMF Reven | ue Requirement | | | |
|-----------------|--|---|---|----------------------------------|---|---|-----------------------------|---|--|-----------------------|
| NC Rate Class | Adjusted NC Rate Class kWHr Sales ⁽¹⁾ | Rate Class Demand Allocation Factor ⁽²⁾ | EnergyWise Program Costs ⁽³⁾ | CIG DR Program ⁽⁴⁾ | Cost Assigned A&G Costs ⁽⁵⁾ | Cost Assigned Carrying Costs ⁽⁵⁾ | Total of Allocated Costs | Less: Prior Period DSM/EE Rate Adjustment ⁽⁶⁾ | Adjusted DSM EMF Revenue Requirement | Total DSM EMF Rate |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) = Σ (3 thru 6) | (8) | (9)=(7)-(8) | (10) = (9) / (1) |
| Residential | 15,449,253,075 | 66.42% | \$2,425,699 | \$0 | \$473,941 | \$1,064,771 | \$3,964,411 | \$3,821,073 | \$143,338 | \$0.000009 |
| General Service | 11,060,984,152 | 33.58% | \$0 | \$292,864 | \$58,426 | \$131,262 | \$482,553 | \$710,299 | -\$227,746 | -\$0.000021 |
| Lighting | 448,568,642 | 0.00% | <u>\$0</u> | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0.000000 |
| NC Retail | 26,958,805,869 | 100% | \$2,425,699 | \$292,864 | \$ 532,367 | \$1,196,033 | \$4,446,964 | \$4,531,371 | -\$84,408 | -\$0.000003 |

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Evans Direct Exhibit No. 3, column (3).
- (2) Rate Class Demand Allocation Factor is derived in Evans Direct Exhibit No. 4, column (5).
- (3) EnergyWise costs are directly assigned solely to the Residential Rate Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (4) CIG DR costs are directly assigned solely to the General Service Rate Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (5) A&G and Carrying Costs are allocated on the basis of revenue requirements (excluding incentives) assigned in preceding columns.
- (6) Amounts are derived in Evans Direct Exhibit No. 7.

DSM/EE

Uncollectibles

PROGRESS ENERGY CAROLINAS, INC.

DSM/EE Annual Rate & EMF - December 2011 through November 2012

All rates are shown in dollars per kWh

| DSM. | /EE Ad | iustment | Rate |
|------|--------|----------|------|
|------|--------|----------|------|

GRT & Reg

DSM/EE Rate

DSM/EE

| NC Rate Class | EE Rate | DSM Rate | Rate | | Fee | W/ | Gross-up | | Adjustment | <u>B</u> i | lling Rate |
|---|--|-------------|---------|--------------|----------|----|-------------------------------|-------------------------|--|-----------------|------------|
| | (1) | (2) | (3) | | (4) | | (S) | | (6) | | (7) |
| Residential | \$0.002507 | \$0.000425 | \$ 0.00 | 293 \$ | 0.00010 | \$ | 0.00303 | \$ | 0.00002 | \$ | 0.00305 |
| General Service | 0.001744 | 0.000101 | 0.00 | 185 | 0.00006 | | 0.00191 | | 0.00000 | | 0.00191 |
| Lighting | 0.000934 | 0.000000 | 0.000 | 093 | 0.00003 | | 0.00096 | | 0.00000 | | 0.00096 |
| NC Retail | \$ 0.002168 | \$ 0.000285 | \$ 0.00 | | 0.00008 | \$ | 0.00253 | \$ | 0.00001 | \$ | 0.00254 |
| - Avindation of the Alaston of the Annual Control | ilageni engergelik i NG Bertykhening iki angga sanga | | | Modification | | | and the state of the state of | <u>. 455</u> 6 1 h- 640 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | in the grant of | |
| | | DSM EMF | DSM/EE | EMF GI | RT & Reg | D5 | M/EE EMF | Ur | ncollectibles | DS | M/EE EMF |
| NC Rate Class | EE EMF Rate | Rate | Rate | | Fee | w/ | Gross-up | A | djustment | Bi | lling Rate |
| <u> </u> | (8) | (9) | (10) | | (11) | | (12) | | (13) | | (14) |

\$0.00000 \$0.00009 \$0.00009 \$0.000083 \$0.000009 \$0.00009 \$0.00000 0.00001 0.00000 0.00001 0.00000 0.00001 **General Service** 0.000028 -0.000021 880000.0-0.000000 -0.00009 0.00000 -0.00009 0.00000 -0.00009 \$0.000058 -\$0.000003 \$0.00005 \$0.00000 \$0.00005 \$0.00000 \$0.00005

Total Rate (DSM/EE Adjustment Rate and DSM/EE Experience Modification Factor)

| | DSM/EE | DSM/EE EMF | Total Billing |
|---------------------------------------|--------------|--------------|--------------------|
| NC Rate Class | Billing Rate | Billing Rate | Rate |
| · · · · · · · · · · · · · · · · · · · | (15) = (7) | (16) = (14) | (17) = (15) + (16) |
| Residential | \$0.00305 | \$0.00009 | \$0.00314 |
| General Service | \$0.00191 | \$0.00001 | \$0.00192 |
| Lighting | \$0.00096 | -\$0.00009 | \$0.00087 |
| NC Retail | \$0.00254 | \$0.00005 | \$0.00259 |

NOTES: (Referenced by Column Number)

Residential

Lighting

NC Retail

- (1) Total EE Rate is derived in Evans Direct Exhibit No. 5, column (9).
- (2) Total DSM Rate is derived in Evans Direct Exhibit No. 6, column (8).
- (3) Total DSM/EE Rate is sum of columns (1) and (2) rounded to 5 decimal place billing precision.
- (4) Calculated Gross Receipts Tax and Regulatory Fee at the combined rate of 3.34% on column (3) rounded to 5 decimal places.
- (5) Adjusted DSM/EE Rate w/Gross-up for Gross Receipts Tax and Regulatory Fee is sum of columns (3) and (4).
- (6) Uncollectible adjustment factors derived on W/P B-6 and applied to column (5).
- (7) DSM/EE Billing Rate is the sum of columns (5) and (6) rounded to 5 decimal place billing precision.
- (8) Total EE EMF is derived in Evans Direct Exhibit No. 8, column (11).
- (9) Total DSM EMF is derived in Evans Direct Exhibit No. 9, column (10).
- (10) DSM/EE EMF Rate is derived from the sum of columns (8) and (9) rounded to 5 decimal place billing precision.
- (11) Calculated Gross Receipts Tax and Regulatory Fee at the combined rate of 3.34% on column (10) rounded to 5 decimal places.
- (12) Adjusted DSM/EE EMF Rate w/Gross-up for Gross Receipts Tax and Regulatory Fee is sum of columns (10) and (11).
- (13) Uncollectible adjustment factors derived on W/P B-6 and applied to column (12).
- (14) DSM/EE EMF is the sum of columns (12) and (13) rounded to 5 decimal place billing precision.

Progress Energy Carolinas, Inc.

Demand Side Management and Energy Efficiency Programs

Filing Requirements

Pursuant to NCUC Rule R8-69

Docket No. E-2, Sub 1002

June 3, 2011

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Rule R8-69(b)(2) - Experienced over or under-recovery of cost prior to hearing

Rule R8-69 (b) Recovery of Costs Upon the request of the electric public utility, the Commission shall also incorporate the experienced over-recovery or under-recovery of costs up to thirty (30) days prior to the date of the hearing in its determination of the DSM/EE EMF rider, provided that the reasonableness and prudence of these costs shall be subject to review in the utility's next annual DSM/EE rider hearing.

The Company anticipates that it will have actual results available from the end of its test period through July 31, 2011 within the timeline provided for by Commission Rule R-69(b)(2). The Company has incorporated its estimated costs for the period April 1, 2011 through July 31, 2011 in the following table. Actual results will be provided to the Commission at least 30 days prior to the date of its hearing in this matter. At that time, the actual amounts will be used in place of the following estimates.

| | | Recoverable Ex | penditures (Nor | th Carolina Retail |) . |] |
|--|------------|----------------|-----------------|--------------------------|---------------------------------------|-------------------------------|
| Program / Measure | ÖÄM¹ | Depreciation | Capital Costs | Income and General Taxes | PPI and Net Lost Revenue | Total Costs and Incentives |
| Demand-Side Management Pro | grams | | | | | |
| CIG DR | 840,397 | - | - | - | - | 840,397 |
| EnergyWise [™] | 3,507,958 | - | - | - | - | 3,507,958 |
| Energy Efficiency Programs | | | | <u></u> | | |
| DSDR Implementation ² | 2,196,533 | 1,465,422 | 2,132,100 | 1,177,688 | - | 6,971,743 |
| Res Home Advantage | 409,101 | · - | - | - | 75,250 | 484,351 |
| Res Home Energy Improve. | 1,928,089 | • | - | - | 169,220 | 2,097,309 |
| Residential Low Income-NES ³ | 570,130 | • | - | - | 110,135 | 680,265 |
| Residential Lighting ⁴ | 1,864,760 | - | - | - | 1,778,086 | 3,642,846 |
| Res Appliance Recycling | 548,320 | - | - | - | 106,451 | 654,771 |
| Res EE Benchmarking | 269,006 | - | - | - | 115,643 | 384,649 |
| Solar Hot Water Heating Pilot ⁶ | 56,614 | • | - | | • | 56,614 |
| CIG Energy Efficiency | 2,165,329 | - | | | 850,689 | 3,016,018 |
| CFL Pilot | - | - | - | - | - | - |
| Program Subtotals | 14,356,237 | 1,465,422 | 2,132,100 | 1,177,688 | 3,205,473 | 22,336,920 |
| A&G-General ⁷ | | <u> </u> | | | | 865,142 |
| Return on Balances ⁸ | | | | · | | 1,713,803 |
| Expenditure Totals | | | | | · · · · · · · · · · · · · · · · · · · | 24,915,865 |

PEC estimates that it will bill \$14,017,398 in non-EMF DSM/EE Rider related revenue from the end of the test period through July 31, 2011.

¹ The listed O&M expenses will be recovered through the DSM/EE Rider over a ten-year period except where otherwise indicated.

² The DSDR does not include Program Performance Incentives (PPI). As an event driven measure, net lost revenues are not forecasted for the DSDR program.

³ The Residential Low Income Program does not include amounts for PPI.

⁴ O&M expenses for the Residential Lighting Program will be recovered through the DSM/EE Rider over a five-year period

⁵ O&M expenses for the Residential EE Benchmark Program are not subject to deferral.

⁶ PPI and net lost revenues recoveries were not requested by the Company for its Residential Solar Hot Water Heating Pilot Program.

⁷ A&G expenses will be recovered through the DSM/EE Rider over a three-year period.

The Return on Balances amount, on a system basis, reflects the sum of the North Carolina specific return calculated on the North Carolina deferral balance and the South Carolina specific return on the South Carolina deferral balance.

Rule R8-69(d)(2) – List of customers opting out of participation

Rule R8-69. Cost recovery for demand-side management and energy efficiency measures of electric public utilities.

- (d) 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. The electric public utility shall also provide the Commission with a listing of industrial or large commercial customers that have elected to participate in new measures after having initially notified the electric public utility that it declined to participate.

Please refer to Appendix A which provides a listing of industrial and large commercial customers, as of March 31, 2011, that have opted out of participation in PEC's new demand-side management or energy efficiency measures. Attached Appendix B provides a listing of industrial and large commercial customers that have elected to participate in new measures after having initially notified the electric public utility that it declined to participate.

Rule R8-69(f)(1)(i) - Projected NC retail sales for the rate period

Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (i) Projected North Carolina retail monthly kWh sales for the rate period.

The Company's projected North Carolina retail monthly kWh sales for the rate period, December 1, 2011 through November 30, 2012, are provided in the following table:

Projected North Carolina Retail Monthly kWh Sales

| Month | Estimated kWh |
|--------|----------------|
| Dec-11 | 3,115,452,627 |
| Jan-12 | 3,347,201,527 |
| Feb-12 | 3,174,208,175 |
| Mar-12 | 2,988,428,917 |
| Apr-12 | 2,868,193,998 |
| Мау-12 | 2,802,686,988 |
| Jun-12 | 3,194,092,595 |
| Jul-12 | 3,606,654,371 |
| Aug-12 | 3,755,844,858 |
| Sep-12 | 3,441,426,390 |
| Oct-12 | 2,924,524,866 |
| Nov-12 | 2,705,477,935 |
| Total | 37,924,193,246 |

Rule R8-69(f)(1)(ii)a - Total expenses expected to be incurred during the rate period Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (ii) For each measure for which cost recovery is requested through the DSM/EE rider:
 - 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, December 1, 2011 through November 30, 2012, have been broken down by type of expenditure and provided in the following table:

| ł | | Recoverable | Expenditures (| System Retail) | | 1 |
|--|------------|--------------|----------------|-----------------------------|-----------------------------|-------------------------------|
| Program / Measure | O&M¹ | Depreciation | Capital Costs | Income and General Taxes | PPI and Net Lost Revenue | Total Costs and Incentives |
| Demand-Side Management Pro | grams | | | ·- | | |
| CIG DR | 3,086,153 | - | - | - | 202,902 | 3,289,055 |
| EnergyWise™ | 12,678,047 | - | - | - | 1,072,330 | 13,750,377 |
| Energy Efficiency Programs | | | | | | |
| DSDR Implementation ² | 9,530,345 | 8,231,437 | 10,861,286 | 6,240,169 | • | 34,863,237 |
| Res Home Advantage | 2,073,753 | • | - | - | 572,750 | 2,646,503 |
| Res Home Energy Improve. | 7,957,617 | - | - | - | 1,190,264 | 9,147,881 |
| Residential Low Income-NES ³ | 1,992,648 | - | | - | 619,367 | 2,612,015 |
| Residential Lighting ⁴ | 5,657,151 | - | • | - | 11,314,107 | 16,971,258 |
| Res Appliance Recycling | 2,045,581 | | - | - | 841,670 | 2,887,251 |
| Residential EE Benchmark ⁵ | 930,927 | - | - | • | 876,243 | 1,807,170 |
| Solar Hot Water Heating Pilot ⁶ | • | - | - | - | | • |
| CIG Energy Efficiency | 8,398,638 | - | - | - | 6,583,231 | 14,981,869 |
| CFL Pilot | - | - | • | - | • | - |
| Program Subtotals | 54,350,860 | 8,231,437 | 10,861,286 | 6,240,169 | 23,272,863 | 102,956,615 |
| Administrative and General | | | | | | 2,702,268 |
| Return on Balances ⁷ | | | - | | | 9,257,724 |
| Expenditure Totals | | | | · · · | | 114,916,607 |

¹ The listed O&M expenses will be recovered through the DSM/EE Rider over a ten-year period except where otherwise indicated.

² The DSDR does not include Program Performance Incentives (PPI). As an event driven measure, net lost revenues are not forecasted for the DSDR program.

³ The Residential Low Income Program does not include amounts for PPI.

⁴ O&M expenses for the Residential Lighting Program will be recovered through the DSM/EE Rider over a five-year period ⁵ O&M expenses for the Residential EE Benchmark Program are not subject to deferral.

⁶ PPI and net lost revenue recoveries were not requested by the Company for its Residential Solar Hot Water Heating Pilot Program.

The Return on Balances amount, on a system basis, reflects the sum of the North Carolina specific return calculated on the North Carolina deferral balance and the South Carolina specific return on the South Carolina deferral balance.

Rule R8-69(f)(1)(ii)a - Continued

The following table provides the 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 | DSM Costs / (MW x Years) 1 | EE Costs / (MWH x Years) ² |
|---|----------------------------|-------------------------------|--|
| Demand-Side Management Programs (Calculate | <u> </u> | <u> </u> | 7.5.7 |
| CIG DR | \$ 3,086,153 | \$2,728 | NA |
| EnergyWise TM | 12,678,047 | \$3,009 | NA NA |
| Energy Efficiency Programs (Calculated Using In | cremental 2012 MWH Savings | - at the meter) | |
| OSDR Implementation ⁵ | 34,863,237 | \$4,822 | NA |
| Res Home Advantage | 2,073,753 | NA | \$20 |
| Res Home Energy Improvement | 7,957,617 | NA | \$57 |
| Residential Low Income-NES | 1,992,648 | NA | \$24 |
| Residential Lighting | 5,657,151 | NA | \$12 |
| Res Appliance Recycling | 2,045,581 | NA | \$26 |
| Residential EE Benchmark | 930,927 | NA | \$65 |
| Solar Hot Water Heating Pilot ⁴ | | • | - |
| CIG Energy Efficiency | 8,398,638 | NA | \$9 |
| CFL Pilot | NA | NA | NA |

¹ DSM programs statistics, by their nature, do not reflect energy related savings.

² EE program statistics, by their nature, do not reflect capacity related savings.

³ While the DSDR Program is classified as an energy efficiency program, for reference purposes, its attributes are reflected on the basis of costs per MW.

⁴ Solar Water Heating Program statistics will be determined through 2011 M&V evaluation.

Rule R8-69(f)(1)(ii)a - Continued

For purposes of cost recovery through the North Carolina DSM/EE rider, the Company's expected expenses for the rate period, December 1, 2011 through November 30, 2012, have been broken down for North Carolina jurisdictional retail customers by type of expenditure and provided in the following table:

| | | Recoverable Ex | verable Expenditures (North Carolina Retail) | | | | | |
|--|------------------|----------------|--|-----------------------------|-----------------------------|-------------------------------|--|--|
| Program / Measure | O&M ¹ | Depreciation | ′ Capital Costs | Income and General Taxes | PPI and Net Lost Revenue | Total Costs and Incentives | | |
| Demand-Side Management Pro | grams | | | | | | | |
| CIG DR | 2,669,214 | - 1 | • | • | 174,272 | 2,843,486 | | |
| EnergyWise TM | 10,965,243 | - | - | • | 921,024 | 11,886,267 | | |
| Energy Efficiency Programs | | | | | | | | |
| DSDR Implementation ² | 8,230,315 | 7,108,591 | 9,379,703 | 5,204,607 | - | 29,923,216 | | |
| Res Home Advantage | 1,773,681 | | - | | 489,186 | 2,262,867 | | |
| Res Home Energy Improve. | 6,806,150 | - | - | - | 1,016,604 | 7,822,754 | | |
| Residential Low Income-NES ³ | 1,704,312 | - | - | - | 529,001 | 2,233,313 | | |
| Residential Lighting ⁴ | 4,838,561 | • | - | • | 9,663,378 | 14,501,939 | | |
| Res Appliance Recycling | 1,749,585 | - | - | - | 718,871 | 2,468,456 | | |
| Residential EE Benchmark ⁵ | 796,222 | - | • | • | 748,399 | 1,544,621 | | |
| Solar Hot Water Heating Pilot ⁶ | • | - | • | - | - | - | | |
| CIG Energy Efficiency | 7,183,355 | - | - | - | 5,622,738 | 12,806,093 | | |
| CFL Pilot | • | | - | • | - | - | | |
| Program Subtotals | 46,716,638 | 7,108,591 | 9,379,703 | 5,204,607 | 19,883,474 | 88,293,013 | | |
| Administrative and General | | | | | | 2,320,405 | | |
| Return on Balances ⁷ | | | | | | 7,854,830 | | |
| Expenditure Totals : 4 | · · · · · · | | 44 L | | | 98,468,248 | | |

The Company's proposed jurisdictional allocation factors for the rate period, December 1, 2011 through November 30, 2012, are provided in attached Appendix C.

¹ The listed O&M expenses will be recovered through the DSM/EE Rider over a ten-year period except where otherwise indicated

² The DSDR does not include Program Performance Incentives (PPI). As an event driven measure, net lost revenues are not forecasted for the DSDR program..

³ The Residential Low Income Program does not include amounts for PPI.

⁴ O&M expenses for the Residential Lighting Program will be recovered through the DSM/EE Rider over a five-year period.

⁵ O&M expenses for the Residential EE Benchmark Program are not subject to deferral.

⁶ PPI and net lost revenue recoveries were not requested by the Company for its Residential Solar Hot Water Heating Pilot Program.

⁷ The Return on Balances amount, on a system basis, reflects the sum of the North Carolina specific return calculated on the North Carolina deferral balance and the South Carolina specific return on the South Carolina deferral balance.

Rule R8-69(f)(1)(ii)b - Expected cost savings directly attributable to measures

Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (ii) For each measure for which cost recovery is requested through the DSM/EE rider:
 - b. total costs that the utility does not expect 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;

For measures in which cost recovery has been requested through the DSM/EE rider, the Company has provided its total expected cost savings for the rate period, December 1, 2011 through November 30, 2012 that are directly applicable to the measures. These can be classified as short run variable costs. In addition to the cost savings, associated unit metrics have been provided on the following table.

| Program / Measure | Variable Cost Savings | MWH | Savings Per MWH | | |
|--|--------------------------|---------|-----------------|--|--|
| DSDR Implementation | \$ 9,979,875 | 54,931 | \$ 181.68 | | |
| CIG DR | 305,945 | 570 | 536.75 | | |
| EnergyWise™ | 1,410,379 | 626 | 2,253.00 | | |
| CIG Energy Efficiency | 8,610,328 | 134,983 | 63.79 | | |
| Res Home Advantage | 622,300 | 11,426 | 54.46 | | |
| Res Home Energy Improvement | 1,226,201 | 20,520 | 59.76 | | |
| Res Low Income-NES | 1,140,500 | 13,295 | 85.78 | | |
| Residential Lighting | 12,154,838 | 217,774 | 55.81_ | | |
| Res Appliance Recycling | 885,480 | 18,210 | 48.63 | | |
| Residential EE Benchmark | 945,145 | 14,400 | 65.64 | | |
| Res Solar Water Heating Pilot ¹ | <u> </u> | - | <u> </u> | | |
| CFL Pilot | 416,250 | 6,706 | 62.07 | | |
| Totals | \$ 37,697,241 | 493,440 | \$ 76.40 | | |

The Company's proposed jurisdictional allocation factors for the rate period, December 1, 2011 through November 30, 2012, are provided in attached Appendix C.

¹ Savings associated with the Solar Water Heating Pilot Program will be determined through a subsequent measurement and verification analysis.

Rule R8-69(f)(1)(ii)c - Measurement and verification activities for rate period

Rule R8-69 (f) Filing Requirements and Procedure.

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

Demand Side Management Portfolio

EnerayWise[™]

PEC has contracted with independent, third-party consultant, Navigant, to provide the appropriate M&V support, including the development and implementation of an evaluation plan designed to measure the demand and energy impacts of the EnergyWise™ program.

Navigant is continuing a multi-year program evaluation plan for PEC's EnergyWiseTM program that was begun by another third party consultant, KEMA, including all relevant impact and process evaluation services required to support continued program planning and implementation, and system resource planning and forecasting.

Base services to be performed through November 2012 include:

- Collection of program data
- Process evaluation interviews
- Verify measure and persistence through on-site visits
- Collection of interval data
- Program database review
- Benchmarking research
- Dispatch optimization modeling
- Data analysis
- Reporting

The total budget for EnergyWise™ M&V activities for the rate period is \$325,663.

CIG Demand Response Program

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

Navigant is performing annual 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, and system resource planning and forecasting.

Rule R8-69(f)(1)(ii)c - Continued

Base M&V services to be performed through November 2012 include:

- Process evaluation interviews
- Verify measure and persistence through on-site visits
- Collection of interval data
- · Market research for DR benchmarking study
- Program database review
- Data analysis
- Reporting

The total budget for CIG Demand Response M&V activities for the rate period is \$100,000.

Energy Efficiency Portfolio

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

Navigant is performing annual program evaluation for Progress Energy Carolinas' energy efficiency portfolio, including all relevant impact and process evaluation services required to support program planning and implementation, and system resource planning and forecasting.

Neighborhood Energy Saver Program, Residential Lighting Program, Appliance Recycling Program, Home Advantage Program, Home Energy Improvement Program, and Energy Efficiency for Business (CIG EE) Program are the programs that make up the energy efficiency portfolio.

Base M&V services to be performed through November 2012 for all energy efficiency portfolio programs include:

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

Rule R8-69(f)(1)(ii)c - Continued

DSDR

Measurement and verification for the Smart Grid ~ DSDR Program will be determined by utilizing recorded data obtained from PEC's System Energy Control and Distribution Control Centers. This data analysis will not be performed by a third party; therefore there will be no incremental costs associated with third-parties expended to perform anticipated measurement and verification activities during the forecast period.

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

| Energy Efficiency Program | Rate Period Budget |
|---|--------------------|
| Neighborhood Energy Saver | \$116,498 |
| Residential Lighting | \$114,504 |
| Appliance Recycling | \$105,503 |
| Home Advantage | \$92,000 |
| Home Energy Improvement | \$83,335 |
| Energy Efficiency for Business (CIG EE) | \$299,330 |

Rule R8-69(f)(1)(ii)d - Expected summer and winter peak demand reductions

Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (ii) For each measure for which cost recovery is requested through the DSM/EE rider:
 - 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 recovery¹. The reductions are provided by measure and in aggregate.

Expected Summer Peak Demand Reduction (MW)

| | -CIG DR | Energy Wise™ | DSDR | Res Home Advantage | Residential HEIP | Res Low Income | Res Lighting | Res Appl. Recycling | Res EE Bench- mark | CIG Energy Efficiency | CFL Pilot | Total |
|------|---------|-----------------|-------|-----------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|-----------------------------|-----------|-------|
| 2011 | 23.7 | 93.5 | 108.0 | 2.2 | 12.6 | 1.4 | 14.3 | 1.7 | 2.6 | 20.2 | 0.6 | 280.8 |
| 2012 | 37.7 | 133.5 | 241.0 | 4.2 | 18.4 | 2.0 | 20.6 | 3.5 | 2.6 | 31.2 | 0.6 | 495.3 |
| 2013 | 51.8 | 170.6 | 248.8 | 7.1 | 24.8 | 2.7 | 25.7 | 5.5 | 2.1 | 43.4 | 0.6 | 583.1 |
| 2014 | 65.8 | 207.7 | 257.4 | 10.6 | 31.8 | 3.3 | 29.8 | 7.9 | 2.6 | 56.3 | 0.6 | 673.8 |

Expected Winter Peak Demand Reduction (MW)²

| | CIG DR | . Energy Wise™. | DSDR | Res Home Advantage | Residential HEIP | Res Low . | Res Lighting | Res Appl. Recycling | Res EE Bench-; mark | CIG Energy Efficiency | . CFL Pilot | Total |
|------|--------|--------------------|------|-----------------------|---------------------|-----------|-----------------|------------------------|---------------------------|-----------------------------|-------------|-------|
| 2011 | - | 5.3 | ·_ | | 4.8 | | | - | - | • | 0.7 | 10.8 |
| 2012 | - | 7.4 | - | • | 6.4 | _ | • | • | - | | 0.7 | 14.5 |
| 2013 | - | 9.5 | - | - | 8.1 | • | - | - | | | 0.7 | 18.3 |
| 2014 | - | 11.7 | | - | 10.0 | | | - | | | 0.7 | 22.4 |

¹ Values associated with PEC's Residential Solar Hot Water Heating Program will be supplied upon completion of measurement and verification process.

² With the exception of PEC's EnergyWise[™] program, PEC's DSM/EE measures are focused on its summer peak. The winter peak reductions associated with PEC's measures, including those from the EnergyWise[™] program, will be determined through the measurement and verification (M&V) process. The Company's Residential Home Energy Improvement and CFL Pilot Program benefits are based on M&V results.

Rule R8-69(f)(1)(ii)e - Expected energy reductions

Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (ii) For each measure for which cost recovery is requested through the DSM/EE rider:
 - e. total expected energy reduction in the aggregate and per appropriate measure unit metric

The following table provides estimated cumulative energy reductions, at the meter, for the measures in which the Company is seeking cost recovery¹. The reductions are provided both by measure and in aggregate.

Expected Energy Reductions (MWH)

| | CIG DR | Energy Wise™ | DSDR | Res Home Advantage | Residential HEIP | Res Low Income | Res Lighting | Res Appl. Recycling | Res EE Bench- mark | CiG Energy Efficiency | CFL Pilot | Total |
|------|--------|-----------------|--------|-----------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|-----------------------------|-----------|---------|
| 2011 | 317 | 333 | 30,275 | 6,242 | 13,110 | 9,119 | 150,739 | 10,334 | 14,400 | 89,806 | 6,706 | 331,782 |
| 2012 | 570 | 626 | 54,931 | 11,426 | 20,520 | 13,295 | 217,774 | 18,210 | 14,400 | 134,983 | 6,706 | 493,441 |
| 2013 | 823 | 834 | 56,082 | 19,174 | 28,229 | 17,471 | 271,402 | 27,582 | 11,520 | 185,200 | 6,706 | 625,023 |
| 2014 | 1,076 | 1236 | 57,194 | 28,303 | 36,710 | 21,647 | 314,304 | 38,528 | 14,400 | 238,200 | 6,706 | 758,304 |

¹ Values associated with PEC's Residential Solar Hot Water Heating Program will be supplied upon completion of measurement and verification process.

Rule R8-69(f)(1)(iii)a - Actual test period costs

Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (iii) For each measure for which cost recovery is requested through the DSM/EE EMF rider:
 - 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 expenditures for the test period, April 1, 2010 through March 31, 2011, have been broken down by type of expenditure and are provided in the following table:

| | | Recoverable | Expenditures (| System Retail) | | |
|--|------------|--------------|----------------|-----------------------------|-----------------------------|-------------------------------|
| Prögram / Measure | O&M³ | Depreciation | Capital Costs | Income and General Taxes | PPI and Net Lost Revenue | Total Costs and Incentives |
| Demand-Side Management Prop | grams | | | | | |
| CIG DR | 1,121,491 | - | - | - | 73,255 | 1,194,746 |
| EnergyWise TM | 9,823,194 | - | - | - | 644,651 | 10,467,845 |
| Energy Efficiency Programs | | | | | | |
| DSDR Implementation ² | 5,604,286 | 3,640,784 | 5,606,514 | 2,451,957 | - | 17,303,541 |
| Res Home Advantage | 1,264,293 | | - | - | 191,573 | 1,455,866 |
| Res Home Energy Improve. | 8,366,821 | _ | - | - | 427,878 | 8,794,699 |
| Residential Low Income-NES ³ | 1,995,828 | - | - | - | 223,989 | 2,219,817 |
| Residential Lighting ⁴ | 6,658,289 | - | - | - | 4,074,060 | 10,732,349 |
| Res Appliance Recycling | 1,386,515 | _ | - | - | 177,815 | 1,564,330 |
| Residential EE Benchmark ⁵ | 151,263 | - | - | - | - | 151,263 |
| Solar Hot Water Heating Pilot ⁶ | 198,756 | - | - | | • | 198,756 |
| CIG Energy Efficiency | 7,348,393 | | - | - | 3,023,737 | 10,372,130 |
| CFL Pilot | _ | - | - | - | • | - |
| Program Subtotals | 43,919,129 | 3,640,784 | 5,606,514 | 2,451,957 | 8,836,958 | 64,455,342 |
| Administrative and General | | | | | | 2,473,486 |
| Return on Balances ⁷ | | | | | | 3,951,986 |
| Expenditure Totals | 7 " | | | | | 70,880,814 |

¹ The listed O&M expenses will be recovered through the DSM/EE Rider over a ten-year period except where otherwise indicated

² The DSDR does not include Program Performance Incentives (PPI). Net lost revenues were not realized during this period.

³ The Residential Low Income Program does not include amounts for PPI.

⁴ O&M expenses for the Residential Lighting Program will be recovered through the DSM/EE Rider over a five-year period.

⁵ O&M expenses for the Residential EE Benchmark Program are not subject to deferral.

⁶ PPI and net lost revenue recoveries were not requested by the Company for its Residential Solar Hot Water Heating Pilot Program.

⁷ The Return on Balances amount, on a system basis, reflects the sum of the North Carolina specific return calculated on the North Carolina deferral balance and the South Carolina specific return on the South Carolina deferral balance.

Rule R8-69(f)(1)(iii)a - Continued

| [| | Recoverable Ex | penditures (Nor | th Carolina Retail |) | |
|--|------------|----------------|-----------------|-----------------------------|-----------------------------|-------------------------------|
| Program / Measure | O&M¹ | Depreciation | Capital Costs | Income and General Taxes | PPI and Net Lost Revenue | Total Costs and Incentives |
| Demand-Side Management Proj | grams | | | | | |
| CIG DR | 963,393 | - | - | - | 59,993 | 1,023,386 |
| EnergyWise ^{†M} | 8,438,872 | - | • | - | 536,697 | 8,975,569 |
| Energy Efficiency Programs | | | | | | |
| DSDR Implementation ² | 4,810,405 | 3,124,910 | 4,812,235 | 2,054,841 | | 14,802,391 |
| Res Home Advantage | 1,079,525 | - | - | - | 159,161 | 1,238,686 |
| Res Home Energy Improve. | 7,144,416 | - | - | - | 354,780 | 7,499,196 |
| Residential Low Income-NES ³ | 1,701,191 | - | - | - | 184,521 | 1,885,712 |
| Residential Lighting ⁴ | 5,687,745 | - | - | - | 3,363,729 | 9,051,474 |
| Res Appliance Recycling | 1,184,094 | - | - | - | 146,965 | 1,331,059 |
| Residential EE Benchmark ⁵ | 129,149 | - | - | - | - | 129,149 |
| Solar Hot Water Heating Pilot ⁶ | 169,701 | - | - | | _ | 169,701 |
| CIG Energy Efficiency | 6,273,566 | • | • | • | 2,314,222 | 8,587,788 |
| CFL Pilot | - | - | • | - | - | _ |
| Program Subtotals | 37,582,057 | 3,124,910 | 4,812,235 | 2,054,841 | 7,120,070 | 54,694,113 |
| Administrative and General | | | | | | 2,116,426 |
| Return on Balances ⁷ | | | | | | 3,334,247 |
| Expenditure Totals | | | | | " " | 60,144,786 |

For purposes of cost recovery through the North Carolina DSM/EE rider, the Company's actual expenses for the test period, April 1, 2010 through March 31, 2011, have been broken down for North Carolina jurisdictional retail customers by type of expenditure and are provided in the following table:

¹ The listed O&M expenses will be recovered through the DSM/EE Rider over a ten-year period except where otherwise

indicated.

The DSDR does not include Program Performance Incentives (PPI). Net lost revenues were not realized during this period.

³ The Residential Low Income Program does not include amounts for PPI.

⁴ O&M expenses for the Residential Lighting Program will be recovered through the DSM/EE Rider over a five-year period.

⁵ O&M expenses for the Residential EE Benchmark Program are not subject to deferral.

⁶ PPI and net lost revenue recoveries were not requested by the Company for its Residential Solar Hot Water Heating Pilot Program.

⁷ The Return on Balances amount, on a system basis, reflects the sum of the North Carolina specific return calculated on the North Carolina deferral balance and the South Carolina specific return on the South Carolina deferral balance.

Rule R8-69(f)(1)(iii)a - Continued

The following table provides the 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.

| en la fille de la companya del companya del companya de la company | | | 20 |
|--|-------------------------|----------------------------|--|
| Program / Measure | System Costs | DSM Costs / (MW x Years) 1 | EE Costs / (MWH x Years) ² |
| Demand-Side Management Programs (Ca | lculated on EOY 2010 M | W Capabilities - at the n | neter) |
| CIG DR | \$ 1,121,491 | \$ 4,793 | NA |
| EnergyWise [™] | 9,823,194 | 5,806 | NA |
| Energy Efficiency Programs (Calculated U | sing Incremental Calend | ar 2010 MWH Savings - | at the meter) |
| DSDR Implementation ³ | 17,303,541 | 6,071 | NA |
| Res Home Advantage | \$ 1,264,293 | NA | \$31 |
| Res Home Energy Improvement | 8,366,821 | NA | \$92 |
| Residential Low Income-NES | 1,995,828 | NA | \$47 |
| Residential Lighting | 6,658,289 | NA | \$12 |
| Res Appliance Recycling | 1,386,515 | NA | \$34 |
| Residential EE Benchmark ⁴ | 151,263 | NA | NA |
| Solar Hot Water Heating Pilot ⁵ | 198,756 | NA | NA |
| CIG Energy Efficiency | 7,348,393 | NA | \$6 |
| CFL Pilot | NA | NA | NA |

The Company's proposed jurisdictional allocation factors for the test period, April 1, 2010 through March 31, 2011, are provided in attached Appendix C.

¹ DSM programs statistics, by their nature, do not reflect energy related savings.

² EE program statistics, by their nature, do not reflect capacity related savings.

³ While the DSDR Program is classified as an energy efficiency program, for reference purposes, its attributes are reflected on the basis of costs per MW.

⁴ Amounts reflect developmental expenditures – rollout to commence during prospective period.

⁵ Solar Water Heating Program statistics will be determined through subsequent M&V evaluation.

Rule R8-69(f)(1)(iii)b - Cost savings directly attributable to measures

Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (iii) For each measure for which cost recovery is requested through the DSM/EE EMF rider: b. total costs that the utility did not incur 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;

For measures in which cost recovery has been requested through the DSM/EE rider, the Company has provided its total estimated cost savings for the test period, April 1, 2010 through March 31, 2011 that are directly applicable to the measures. These can be classified as short run variable costs. In addition to the cost savings, associated unit metrics have been provided on the following table.

| Program / Measure | Variable Cost Savings | MWH | Savings Per MWH | | |
|--|--------------------------|---------|-----------------|--|--|
| DSDR Implementation | \$ 4,795,125 | 14,787 | \$ 324.28 | | |
| CIG DR | 245,001 | 93 | 2,634.42 | | |
| EnergyWise™ | 624,286 | 149 | 4,189.84 | | |
| CIG Energy Efficiency | 2,641,977 | 46,320 | 57.04 | | |
| Res Home Advantage | 143,178 | 2,817 | 50.83 | | |
| Res Home Energy Improvement | 438,899 | 7,530 | 58.29 | | |
| Res Low Income-NES | 503,250 | 4,861 | 103.53 | | |
| Res Lighting | 3,558,004 | 76,552 | 46.48 | | |
| Res Appliance Recycling | 176,011 | 4,026 | 43.72 | | |
| Residential EE Benchmark ¹ | • | | - | | |
| Res Solar Water Heating Pilot ² | • | | - | | |
| CFL Pilot | 463,875 | 6,706 | 69.17 | | |
| Totals | 13,589,605 | 163,842 | \$ 82.94 | | |

The Company's proposed jurisdictional allocation factors for the test period, April 1, 2010 through March 31, 2011, are provided in attached Appendix C.

¹ Residential EE Benchmark Program was not implemented within test period.

² Savings associated with the Solar Water Heating Pilot Program will be determined through a subsequent measurement and verification analysis.

Rule R8-69(f)(1)(iii)c - Measurement and verification activities for test period Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (iii) For each measure for which cost recovery is requested through the DSM/EE EMF rider:
 c. a description of, the results of, and the costs of all measurement and verification activities conducted in the test period;

Demand Side Management Portfolio

EnergyWise[™]

PEC contracted with independent, third-party consultant, KEMA, to provide the appropriate M&V support, including the development and implementation of an evaluation plan designed to measure the demand and energy impacts of the EnergyWise™ program.

KEMA conducted the initial phase of a multi-year program evaluation plan for Progress Energy Carolinas' EnergyWiseTM program, including all relevant impact and process evaluation services required to support continued program planning and implementation.

Preliminary M&V results for the 2009 Summer and 2009/2010 Winter are contained in the M&V report, dated December 28, 2010 and filed with the Commission on December 30, 2010.

Base M&V services performed through March 2011 include:

- Process evaluation surveys and interviews
- End-use interval amperage metering
- Communications equipment inspections
- Confirmation of signal receipt
- Estimation of a normal-use load model
- Estimation of over-ride rates
- Estimation of control success rate
- Actual and projected program impacts

Total cost of EnergyWise[™] M&V activities for the test period through March 2011 was \$285,128.

CIG Demand Response Program

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

Rule R8-69(f)(1)(iii)c - Continued

Navigant is currently performing a complete program evaluation for PEC's CIG Demand Response program, including all relevant impact and process evaluation services required to support program planning and implementation.

Base M&V services performed through March 2011 include:

- Development of evaluation action plan
- Collection of interval data
- Process evaluation interviews
- Market research for DR benchmarking study

Total cost of CIG Demand Response M&V activities for the test period through March 2011 was \$38,032.

Energy Efficiency Portfolio

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

Navigant is performing annual program evaluations for Progress Energy Carolinas' energy efficiency portfolio, including all relevant impact and process evaluation services required to support program planning and implementation.

Neighborhood Energy Saver Program

Base M&V services performed through March 2011 include:

- Development of evaluation action plan
- Collection of program data
- Process evaluation interviews
- Secondary research of ongoing reviewing results of recent existing homes programs

Total cost of Neighborhood Energy Saver M&V activities for the test period through March 2011 was \$38,990.

Residential Lighting Program

Base M&V services performed through March 2011 include:

- Development of evaluation action plan
- Process evaluation interviews
- · Collection of program data

Total cost of Residential Lighting Program M&V activities for the test period through March 2011 was \$50,003.

Rule R8-69(f)(1)(iii)c - Continued

Appliance Recycling Program

Base M&V services performed through March 2011 include:

- Development of evaluation action plan
- Process evaluation interviews
- Collection of program data
- Perform evaluation requests of NCUC

Total cost of Appliance Recycling Program M&V activities for the test period through March 2011 was \$15,218.

Home Advantage Program

Base M&V services performed through March 2011 include:

- Development of evaluation action plan
- Process evaluation interviews
- Collection of program data
- Program database review
- Data analysis

Total cost of Home Advantage M&V activities for the test period through March 2011 was \$62,020.

Home Energy Improvement Program

Base M&V services performed through March 2011 include:

- Development of evaluation action plan
- Process evaluation interviews
- · Collection of program data
- Verification of measures and persistence through on-site visits
- Program database review
- Data analysis
- Reporting

M&V results for the year 2009 are contained in the Home Energy Improvement EM&V report dated April 11, 2011 and filed with Commission on April 25, 2011.

Rule R8-69(f)(1)(iii)c - Continued

Total cost of Home Energy Improvement M&V activities for the test period through March 2011 was \$217,577.

Energy Efficiency for Business Program (CIG EE)

Base M&V services performed through March 2011 include:

- Development of evaluation action plan
- Process evaluation interviews
- Collection of program data
- Verification of measures and persistence through on-site visits
- Program database review
- Data analysis
- Reporting

Total cost of Energy Efficiency for Business Program M&V activities for the test period through March 2011 was \$323,353.

DSDR

Measurement and verification for the Smart Grid — DSDR Program will be determined by utilizing recorded data obtained from PEC's System Energy Control and Distribution Control Centers. 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 forecast period.

Rule R8-69(f)(1)(iii)d - Test period summer and winter peak demand reductions Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (iii) For each measure for which cost recovery is requested through the DSM/EE EMF rider:
 - d. total summer and winter peak demand reduction in the aggregate and per appropriate measure unit metric and, as well as any changes in estimated future amounts since last filed with the Commission;

The information associated with this section has been supplied as a part of response to Rule R8-69(f) (1) (iii) h.

Rule R8-69(f)(1)(iii)e - Test period energy reductions

Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (iii) For each measure for which cost recovery is requested through the DSM/EE EMF rider:
 - e. total energy reduction in the aggregate and per appropriate 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 response to Rule R8-69(f) (1) (iii) h and within attached Appendix D.

Rule R8-69(f)(1)(iii)f - Test period findings and results of measures

Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (iii) For each measure for which cost recovery is requested through the DSM/EE EMF rider:
 - f. 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 education and energy conservation measures to encourage the reduction of energy consumption 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 4,901 participants since April 2010. The program has experienced greater than expected program participation within each targeted neighborhood with over 85% of solicited eligible residents choosing to participate and receive program 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.

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 and to install HVAC systems with greater efficiency ratings than the applicable building code requirements. While participation was nominal in 2009 partially as a result of the recession and the distressed housing industry, participation levels rebounded in 2010. For 2010, with 2,203 ENERGY STAR homes built. Of those, 949 (43%) were Home Advantage homes.

Residential Lighting Program

The Residential Lighting Program was launched in January of 2010. This program utilizes Compact Fluorescent Light (CFL) bulb manufacturers and retailers to offer PEC customers discounts at the register when purchasing CFLs. Participation levels for the first twelve months of the program were higher than originally forecasted. This can be attributed to high customer interest, low socket penetration of CFLs in the PEC territory and effective promotion of this program in the marketplace. As the industry moves in the coming years to offer products that meet new efficiency standards, PEC will evaluate and modify the Residential Lighting Program as necessary to continue to encourage customer adoption of energy efficient lighting. Continued customer education will also be imperative to ensure customers are purchasing the right bulb for the application in order to obtain high satisfaction with this product.

Rule R8-69(f)(1)(iii)f – Continued

Appliance Recycling Program

The Appliance Recycling Program was launched in mid-April of 2010. Participation levels for the first year of the program are in line with Program expectations (projected 7,439 units, recycled 8,150 units).

Overall program success can be attributed to customer interest in energy efficiency, PEC's rebates, and customer acceptance and appreciation of the environmental benefits associated with appliance recycling.

Solar Water Heating Pilot Program

The Solar Water Heating Pilot Program launched in June 2009. The purpose of the program is to determine and validate achievable energy savings associated with residential solar water heating technologies. A challenge has been that enrollment in the program has been slower than expected. Monitoring equipment has been installed and captured winter data, and summer data will be captured in the next few months. A final report is expected to be released in late summer of 2011.

Home Energy Improvement Program

The Home Energy Improvement Program was launched in July of 2009. The purpose of this program is to offer customers a variety of energy conservation measures designed to increase energy efficiency in existing residential dwellings. The program utilizes a network of over 800 prequalified contractors that customers can use to install energy efficiency measures. Participation levels since the launch of the program are higher than originally forecasted. The overall program success can be attributed to higher customer interest in energy efficiency, customers capitalizing on the 2010 federal tax credits in conjunction with PEC's rebates, and promotion of the program by contractors. Promotion of the program includes consumer and contractor program flyers, direct mail, bill inserts, email blasts, trade shows to consumers and contractor collateral to support the contractor network. The current economy will likely continue to have a negative impact on program participation due to less disposable income and the reduction in the 2011 federal tax credit incentive, which makes it harder to justify energy efficiency improvements with longer term paybacks.

While initial participation rates have exceeded forecasts, measurement and verification (M&V) studies have indicated that many of the original deemed measure savings were over-stated. As a result, the verified MWH savings from these measures resulted in lower than anticipated savings during the test period.

Rule R8-69(f)(1)(iii)f - Continued

Energy Efficiency for Business (EEB) Program (CIG EE)

The Energy Efficiency for Business (EEB) program promotes energy efficient construction and retrofit in Progress Energy's commercial, industrial, and governmental markets. In its second full year of operation, the program again exceeded expectations and savings targets. While large customer interest in the EEB program has shown signs of dampening due to a significant increase in the Rider cost during 2010, PEC has seen strong participation from K-12 schools and community colleges, especially in the retrofit portion of the program. The economy continued to serve as an impediment to customers constructing new buildings, which directly limited participation and the disbursement of new construction and technical assistance dollars. Lighting was the primary program impact driver in 2010. EEB's technical assistance incentives continued to enable customers looking to implement efficiency projects. The vast majority of customers who have applied for technical assistance have subsequently implemented energy efficiency projects.

Though large customer participation has waned somewhat, the additional MWh savings in 2010 can be attributed to their choice to opt-in to EEB. PEC has decreased its projected EEB MWh savings contribution going forward from 2012 based on the expectation of a continued negative impact due to the rising DSM/EE rider. During program development, there was considerable uncertainty regarding how the rider may affect program participation over time. After two 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 (EnergyWise™)

The summer program (air conditioning load control) has experienced a participation level for the test period that has been slightly above the Company's expectations. The primary form of enrollment continues to be through business reply cards, which has constituted 71% of all enrollments. The remainder of enrollments has been through inbound telephone calls at 18% and through online web enrollments at 11%. The summer program was activated four times during the test period in response to system reliability alerts and Level 2 alerts under PEC's General Load Reduction Plan (GLRP).

Participation levels for the winter program (load control of water heating and auxiliary heat strips on central electric heat pumps in PEC's western region) during the test period has been below the Company's expectations. Though the winter program is small at approximately 3 MW, it was activated three times during the test period for testing and response to system reliability alerts under the PEC GLRP.

Rule R8-69(f)(1)(iii)f - Continued

CIG DR (Demand Response Automation)

Participation in the Demand Response Automation (DRA) program has been slightly below the Company's expectations. Nine customers and 32 customer sites were enrolled in the program during the test period, accounting for approximately 10 MW of contracted curtailable demand. All customer interest in the program thus far has been from opt-out eligible customers. The opt-out clause and DSM/EE rider requirement continues to be a market barrier to customer participation. A new and more significant barrier was introduced in spring of 2010 with the EPA's National Emissions Standards for Hazardous Air Pollutants (NESHAP) ruling on existing emergency generators. This recent ruling limits existing emergency backup generators, manufactured on or before 2006, to 15 hours of operation in electric demand response programs. Participation in DRA can range from a minimum of 18 to a maximum of 80 hours of operation, thus classifying a participating generator as "non-emergency". This imposes more stringent air quality requirements, additional cost, and an administrative burden on potential participants. The industry generally agrees that the 15 hour limitation within the EPA rule is too short. PEC is currently collaborating with EEI, third-party aggregators, and other utilities to provide comment and influence future EPA rulemakings. The objective is to revise the rule such that hours of operation for an existing generator on a demand response program is 60 hours. Approximately 65% of the MW's enrolled in the program have come from customers that can backup their curtailable demand with standby generation. The remaining committed load is straight curtailment, typically from shutdown of processes from participating industrial customers. The program was activated four times during the test period in response to system reliability alerts and Level 2 alerts under the PEC General Load Reduction Plan (GLRP)

DSDR

During the twelve month period ending March 31, 2011, 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 next year. The expected peak demand reductions and MWh savings for DSDR have changed somewhat due to revisions in the implementation schedule for feeder conditioning, delays in the implementation schedule for DMS, as well as changes in the expected line loss savings resulting from changes in the feeder conditioning design requirements.

Rule R8-69(f)(1)(iii)g - Evaluation of event based measure during test period Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (iii) For each measure for which cost recovery is requested through the DSM/EE EMF rider:
 - g. evaluations of event-based programs including the date, weather conditions, event trigger, number of customers notified and number of customers enrolled; and

DSDR

During the twelve month period ending March 31, 2011, 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 next year.

Residential Load Control Program (EnergyWise™)

The following table provides information on load control occurrences associated with PEC's EnergyWiseTM program covering the twelve month period ending March 31, 2011:

| Date | Weather Conditions | Event Trigger ¹ | Control Mode | Switches Activated | Number of Customers Controlled | Number of Customers Enrolled |
|-------------------|-----------------------|-------------------------------|---------------|-----------------------|--------------------------------------|------------------------------------|
| May-06-10 | 90.1° F | GLRP System Reliability Alert | AC Units | 24,135 | 20,555 | AC - 21,994 |
| Jun-24-10 | 96.0° F | GLRP Reliability Level 2 | AC Units | 30,984 | 26,400 | AC - 26,400 |
| Jul-07 <u>-10</u> | 100.1° F | GLRP System Reliability Alert | AC Units | 32,434 | 27, <u>662</u> | AC - 27,562 |
| Aug-11-10 | 97.1° F | GLRP System Reliability Alert | AC Units | 36,876 | 31,597 | AC - 31,597 |
| Dec-14-10 | 15.0° F | GLRP System Reliability Alert | Water Heaters | 2,096 | 2,051 | WH - 2,051 |
| Dec-15-10 | 15.0° F | GLRP System Reliability Alert | Water Heaters | 2,105 | 2,052 | WH - 2,052 |
| Dec-15-10 | 15.0° F | GLRP System Reliability Alert | Strip Heat | 1,409 | 1,258 | HT - 1,258 |
| Jan-14-11 | 8.0° F | Testing | Water Heaters | 2,205 | 2,205 | WH - 2,205 |
| Jan-14-11 | 8.0° F | Testing | Strip Heat | 1,479 | 1,327 | HT - 1,327 |

¹ GLRP - General Load Reduction Plan

Rule R8-69(f)(1)(iii)g - 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, 2011:

| Date | Weather Conditions | Event Trigger ¹ | Control Mode | Points of Delivery Controlled | Number of Customers Controlled | Number of Customers Enrolled |
|-----------|-----------------------|-------------------------------|--------------|-------------------------------------|--------------------------------------|------------------------------------|
| Jun-24-10 | 96.0° F | GLRP Reliability Level 2 | NA | 18 | 6 | 6 |
| Jul-07-10 | 100.1° F | GLRP System Reliability Alert | NA | 23 | 6 | 6 |
| Aug-11-10 | 97.1° F | GLRP System Reliability Alert | NA | 25 | 6 | 6 |
| Dec-15-10 | 15.0° F | GLRP System Reliability Alert | NA | 9 | 2 | 6 |

¹ GLRP - General Load Reduction Plan

Rule R8-69(f)(1)(iii)h - Comparison of impact estimates

Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (iii) For each measure for which cost recovery is requested through the DSM/EE EMF rider: h. 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 cumulative capacity savings, estimated savings used in its previous report, and their differences, expressed in megawatts at the meter, are provided in the following tables. Explanations of variances are provided in Rule R8-69(f) (1) (iii) f:

Forecasted Summer Capacity Values from Docket No. E-2, Sub 977

| | CIG DR | Energy Wise™ | DSDR | Res Home Advantage | Residential HEIP | Res Low Income | Res Lighting | Res Appl. Recycling | Res EE Bench- mark | CIG Energy Efficiency | CFL Pilot | Total |
|------|--------|-----------------|-------|-----------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|-----------------------------|-----------|-------|
| 2010 | 9.1 | 50.0 | 99.3 | 0.7 | 7.6 | 0.7 | 5.4 | 0.4 | NA | 10.5 | 0.6 | 184.3 |
| 2011 | 29.6 | 87.5 | 131.0 | 1.5 | 11.2 | 1.4 | 11.4 | 1.2 | NA | 20.4 | 0.6 | 295.8 |
| 2012 | 45.1 | 125.0 | 241.0 | 2.7 | 14.9 | 2.0 | 11.4 | 2.2 | NA | 34.2 | 0.6 | 479.1 |
| 2013 | 50.1 | 155.4 | 249.2 | 4.6 | 19.1 | 2.7 | 11.4 | 3.4 | NA | 51.5 | 0.6 | 548.0 |

Actual and Anticipated Summer Capacity Values¹

| | | CIG DR | Energy Wise™ | DSDR | Res Home Advantage | Residential HEIP | Res Low Income | Res Lighting | Res Appl. Recycling | Res EE Bench- mark | CIG Energy Efficiency | CFL Pilot | Total |
|---|------|--------|-----------------|-------|-----------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|-----------------------------|-----------|-------|
| Г | 2010 | 7.8 | 53.4 | 95.0 | 1.0 | 7.3 | 0.7 | 7.3 | 0.5 | - | 9.7 | 0.6 | 183.3 |
| Γ | 2011 | 23.7 | 93.5 | 108.0 | 2.2 | 12.6 | 1.4 | 14.3 | 1.7 | 2.6 | 20.2 | 0.6 | 280.8 |
| Γ | 2012 | 37.7 | 133.5 | 241.0 | 4.2 | 18.4 | 2.0 | 20.6 | 3.5 | 2.6 | 31.2 | 0.6 | 495.3 |
| | 2013 | 51.8 | 170.6 | 248.8 | 7.1 | 24.8 | 2.7 | 25.7 | 5.5 | 2.1 | 43.4 | 0.6 | 583.1 |

Differences Between Previous and Updated Summer Capacity Values

| | CIG DR | Energy Wise™ | DSDR | Res Home Advantage | Residential HEIP | Res Low Income | Res Lighting | Res Appl. Recycling | Res EE Bench- ,mark | CIG Energy Efficiency | CFL Pilot | Total |
|------|--------|-----------------|--------|-----------------------|---------------------|-------------------|-----------------|------------------------|---------------------------|-----------------------------|-----------|--------|
| 2010 | (1.3) | 3.4 | (4.3) | 0.3 | (0.3) | - | 1.9 | 0.1 | | (0.8) | - | (1.0) |
| 2011 | (5.9) | 6.0 | (23.0) | 0.7 | 1.4 | - | 2.9 | 0.5 | 2.6 | (0.2) | - | (15.0) |
| 2012 | (7.4) | 8.5 | - | 1.5 | 3.5 | - | 9.2 | 1.3 | 2.6 | (3.0) | • | 16.2 |
| 2013 | 1.7 | 15.2 | (0.4) | 2.5 | 5.7 | - | 14.3 | 2.1 | 2.1 | (8.1) | - | 35.1 |

¹ Values associated with PEC's Residential Solar Hot Water Heating Program will be supplied upon completion of measurement and verification process.

Rule R8-69(f)(1)(iii)h - Continued

Forecasted Winter Capacity Values from Docket No. E-2, Sub 977

| | CIG DR | Energy Wise ¹⁴ | DSDR | Res Home Advantage | Rësidential HEIP | Res Low Income | Res Lighting | Res Appl. Recycling | Res EE Bench- mark | CIG Energy Efficiency | CFL Pilot | Total |
|------|--------|------------------------------|------|-----------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|-----------------------------|-----------|-------|
| 2010 | - | 2.8 | | - | | • | - | - | NA | | 0.7 | 3.5 |
| 2011 | • | 8.8 | - | - | - | - | • | - | NA | - | 0.7 | 9.5 |
| 2012 | - | 17.9 | - | - | - | - | - | - | NA | - | 0.7 | 18.6 |
| 2013 | - | 21.6 | - | - | - | - | - | [- | NA | | 0.7 | 22.3 |

Actual and Anticipated Winter Capacity Values¹

| | | | | necou | Talaci | putcu vviii | cci capacii | ty values | | | | |
|------|--------|-----------------|------|-----------------------|---------------------|-------------|-----------------|------------------------|--------------------------|-----------------------------|-----------|-------|
| | CIG DR | Energy Wise™ | DSDR | Res Home Advantage | Residential HEIP | 1. | Res Lighting | Res Appl. Recycling | Rès EE Bench- mark | CIG Energy Efficiency | CFL Pilot | Total |
| 2010 | - | 3.0 | | • | 3.4 | - | - | | - | <u>-</u> | 0.7 | 7.1 |
| 2011 | - | 5.3 | - | - | 4.8 | - | - | - | • | - | 0.7 | 10.8 |
| 2012 | - | 7.4 | - | - | 6.4 | - | - | - | - | | 0.7 | 14.5 |
| 2013 | - | 9.5 | | - | 8.1 | - | - | | • | - | 0.7 | 18.3 |

Differences Between Previous and Updated Winter Capacity Values

| | CIG DR | Energy :Wise™ | DŞDR | Res Home Advantage | Residential HEIP | Res Low . Income | , Res Lighting | Res Appl. Recycling | Res EE Bench- mark | CIG Energy Efficiency | CFĻ Pilot | Total |
|------|--------|------------------|------|-----------------------|---------------------|---------------------|-------------------|------------------------|--------------------------|-----------------------------|-----------|-------|
| 2010 | - | 0.2 | - | - | 3.4 | - | • | - | - | | - | 3.6 |
| 2011 | | (3.5) | - | • | 4.8 | - | - | Ī - | • | - | - | 1.3 |
| 2012 | - | (10.5) | - | - | 5.4 | - | | - | - | - | - | (4.1) |
| 2013 | - | (12.1) | - | - | 8.1 | - | - | <u> </u> | - | | - | 4.0 |

¹ Values associated with PEC's Residential Solar Hot Water Heating Program will be supplied upon completion of measurement and verification process.

Rule R8-69(f)(1)(iii)h - Continued

The Company's current impact estimate of cumulative energy savings, estimated savings used in its previous report, expressed in megawatt hours at the meter, and their differences are provided in the following tables.

Forecasted Energy Values from Docket No. E-2, Sub 977

| | CIG DR | Energy Wise™ | DSDR | Res Home Advantage | Residential HEIP | Res Low Income | Res Lighting | Res Appl. Recycling | Res EE Bench- mark | CIG Energy Efficiency | CFL Pilot | Total |
|------|--------|-----------------|--------|-----------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|-----------------------------|-----------|---------|
| 2010 | 99 | 79 | 21,245 | 2,072 | 10,107 | 4,700 | 57,283 | 3,459 | NA | 42,269 | 6,706 | 148,019 |
| 2011 | 562 | 249 | 29,568 | 4,615 | 15,087 | 8,876 | 125,046 | 10,491 | NA | 82,406 | 6,706 | 283,606 |
| 2012 | 1,320 | 506 | 54,327 | 8,744 | 20,247 | 13,052 | 125,046 | 19,085 | NA | 138,050 | 6,706 | 387,083 |
| 2013 | 2,204 | 850 | 55,689 | 14,915 | 25,647 | 17,228 | 125,046 | 29,311 | NA | 207,919 | 6,706 | 485,515 |

Actual and Anticipated Energy Values¹

| | CIG DR | Energy Wise™ | DSDR | Res Home Advantage | Residential HEIP | Res Low Income | Res | Res Appl. Recycling | Res EE Bench- mark | CIG Energy Efficiency | CFL Pilot | Total |
|------|--------|-----------------|--------|-----------------------|---------------------|-------------------|---------|------------------------|--------------------------|-----------------------------|-----------|---------|
| 2010 | 93 | 149 | 14,787 | 2,817 | 7,530 | 4,861 | 76,552 | 4,026 | - | 46,320 | 6,706 | 163,841 |
| 2011 | 317 | 333 | 30,275 | 6,242 | 13,511 | 9,119 | 150,739 | 10,334 | 14,400 | 89,806 | 6,706 | 331,781 |
| 2012 | 570 | 626 | 54,931 | 11,426 | 20,520 | 13,295 | 217,774 | 18,210 | 14,400 | 134,983 | 6,706 | 493,440 |
| 2013 | 823 | 834 | 56,082 | 19,174 | 28,229 | 17,471 | 271,402 | 27,582 | 11,520 | 185,200 | 6,706 | 625,021 |

Differences Between Previous and Updated Energy Values

| | CIG DR | Energy Wise™ | DSDR | Res Home Advantage | Residential HEIP | Res Low Income | Res Lighting | Res Appl. Recycling | Res EE Bench- mark | CIG Energy Efficiency | CFL Pilot | Total |
|------|---------|-----------------|---------|-----------------------|---------------------|-------------------|-----------------|------------------------|--------------------------|-----------------------------|-----------|---------|
| 2010 | (6) | 70 | (6,458) | 745 | (2,577) | 161 | 19,269 | 567 | - | 4,051 | - | 15,822 |
| 2011 | (245) | 84 | 707 | 1,627 | (1,576) | 243 | 25,693 | (157) | 14,400 | 7,400 | - | 48,175 |
| 2012 | (750) | 120 | 604 | 2,682 | 273 | 243 | 92,728 | (875) | 14,400 | (3,067) | - | 106,357 |
| 2013 | (1,381) | (16) | 393 | 4,259 | 2,582 | 243 | 146,356 | (1,729) | 11,520 | (22,719) | - | 139,506 |

¹ Values associated with PEC's Residential Solar Hot Water Heating Program will be supplied upon completion of measurement and verification process.

Rule R8-69(f)(1)(iv) – Determination of utility incentives

Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (iv) For each measure for which recovery of utility incentives is requested, a detailed explanation of the method proposed for calculating those utility incentives, the actual calculation of the proposed utility incentives, and the proposed method of providing for their recovery and true-up through the annual rider. If recovery of net lost revenues is requested, the total net lost kWh sales and net lost revenues per appropriate capacity, energy, and program unit metric and in the aggregate for the test period, and the proposed jurisdictional allocation factors, as well as any changes in estimated future amounts since last filed with the Commission.

The Company is requesting recovery of (1) net lost revenues, and (2) program performance incentives to create future benefits based on achieved savings from Demand-Side Management (DSM) and Energy Efficiency (EE) programs. The cost recovery mechanism is based upon the Settlement Agreement as approved by the Commission in Docket No. E-2, Sub 931, 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.

Net Lost Revenues = Lost Sales X Net Lost Revenue Rate

Lost Sales are those sales that do not occur by virtue of employing the DSM/EE measures. These values are initially based on estimates and subsequently confirmed through the measurement and verification (M&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 DSM/EE 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. An exception to the 36-month recoupment allowance involves the Residential EE Benchmark program, which in the absence of M&V results indicating greater persistence of benefits, is limited to 12-months.

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"). 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 upon the UCT. The UCT is an industry standard test, which compares the costs incurred

Rule R8-69(f)(1)(iv) - Continued

by a utility in offering a DSM/EE program to the benefits as measured by the costs avoided by the utility.

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. An exception to the 10-year PPI levelization involves the Residential EE Benchmark program, which in the absence of M&V results indicating greater persistence of benefits, is being recovered in a single year.

Pursuant to the Docket No. E-2, Sub 931 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.

North 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.

| Brogram / Maggura | Sales Loss For Purposes of I (MWh) – Nor | |
|----------------------------------|---|---|
| Program / Measure | Test Period (4/1/10 through 3/31/11) | Rate Period (12/1/11 through 11/30/12) |
| Demand-Side Management Programs | | |
| CIG DR ¹ | 80.05 | - |
| EnergyWise ¹ | 26.63 | <u> </u> |
| Energy Efficiency Programs | | |
| DSDR Implementation ¹ | | - |
| Res Home Advantage | 2,101.21 | 6,880.84 |
| Res Home Energy Improve. | 4,573.18 | 14,394.54 |
| Residential Low Income-NES | 3,245.67 | 9,397.69 |
| Residential Lighting | 51,353.63 | 155,258.12 |
| Res Appliance Recycling | 2,193.37 | 11,735.89 |
| Residential EE Benchmark | _ | 12,316.32 |
| Solar Hot Water Heating Pilot | | |
| CIG Energy Efficiency | 34,556.40 | 89,864.92 |
| CFL Pilot | | <u> </u> |
| Total Reduction in Energy (kWh) | 98,130.13 | 299,848.33 |

Net lost revenues for event based measures are based on actual events as opposed to estimated occurrences.

Rule R8-69(f)(1)(iv) - Continued

The following table provides calculated North Carolina jurisdictional utility incentives for the Company's test period (4/1/10 through 3/31/11). The PPI values encompass program results associated with program vintages 2009 and 2010.

| | Utility Incentiv | es (North Carolina Only |) - Test Period (4/1/10) | through 3/31/11) |
|---|--|-------------------------|--------------------------|------------------|
| Program / Measure | Net Löst Revenue | DSM PPI | EE PPI | Total |
| Demand-Side Management Programs | <u>. </u> | | | |
| CIG DR | 3,636 | 56,358 | • | 59,993 |
| EnergyWise | 7,657 | 529,040 | - | 536,697 |
| Energy Efficiency Programs | | | | |
| DSDR Implementation | • | <u>-</u> | • | - |
| Res Home Advantage | 119,457 | - | 39,704 | 159,161 |
| Res Home Energy Improve. | 259,992 | • | 94,788 | 354,780 |
| Residential Low Income-NES | 184,521 | • | | 184,521 |
| Residential Lighting | 2,919,531 | - | 444,198 | 3,363,729 |
| Res Appliance Recycling | 124,696 | | 22,269 | 146,965 |
| Residential EE Benchmark | | - | | , |
| Solar Hot Water Heating Pilot | | | - | |
| CIG Energy Efficiency | 1,569,479 | | 744,743 | 2,314,222 |
| CFL Pilot | - " | - | • | - |
| Total Utility Incentives Including . Net Lost Revenue 3 | 5,188,969 | 585,398 | 1,345,702 | 7,120,070 |

The following table provides calculated North Carolina jurisdictional utility incentives for the Company's rate period (12/1/11 through 11/30/12). The PPI values encompass program results associated with program vintages 2009, 2010 and estimates for 2011.

| | Utility Incentives (North Carolina Only) - Rate Period (12/1/11 through 11/30/12) | | | | |
|---|---|-----------|-----------|------------|--|
| Program / Measure | Net Lost Revenue | DSM PPI - | EE PPI | Total | |
| Demand-Side Management Program | S | | | | |
| CIG DR | • | 174,272 | <u> </u> | 174,272 | |
| EnergyWise | - | 921,024 | - | 921,024 | |
| Energy Efficiency Programs | | | | | |
| DSDR Implementation | - 1 | | | · - | |
| Res Home Advantage | 387,326 | - | 101,860 | 489,186 | |
| Res Home Energy Improve. | 810,277 | - | 206,327 | 1,016,604 | |
| Residential Low Income-NES | 529,001 | - | • | 529,001 | |
| Residential Lighting | 8,739,563 | | 923,815 | 9,663,378 | |
| Res Appliance Recycling | 660,620 | | 58,251 | 718,871 | |
| Solar Hot Water Heating Pilot | - | _ | <u> </u> | | |
| Residential EE Benchmark | 693,292 | - | 55,107 | 748,399 | |
| CIG Energy Efficiency | 4,031,063 | • | 1,591,674 | 5,622,738 | |
| CFL Pilot | - | • | • [| | |
| Total Utility Incentives Including Net Lost Revenue | 15,851,143 | 1,095,296 | 2,937,035 | 19,883,474 | |

Rule R8-69(f)(1)(iv) – Continued

As a result of the Company's receipt of measurement and verification results associated with its Residential Home Energy Improvement Program (HEIP), it has reconciled PPI amounts recovered through its DSM/EE Rider with those based on verified results. The Company over-collected PPI amounts equal to \$42,146. This amount, with interest, has been used to reduce the revenue requirement of PEC's current request. In addition, net lost revenues had been overstated by 1,403.6 MWH through the test period ending March 31, 2010. Net lost revenue related requirements for the current test period have been reduced by the prior overstatement. This recognition resulted in the equivalent of a \$79,793 reduction in the test period revenue requirement. These adjustments, coupled with their prospective recognition, effectively finalize values associated with the 2009 vintage of PEC's Residential Home Energy Improvement Program.

The Company's proposed jurisdictional allocation factors for the test period, April 1, 2010 through March 31, 2011, and for the rate period, December 1, 2011 through November 30, 2012 are provided in attached Appendix C.

Rule R8-69(f)(1)(v) – Actual revenue from DSM/EE and DSM/EE EMF riders Rule R8-69 (f) Filing Requirements and Procedure.

- (1) Each electric public utility shall submit to the Commission all of the following information and data in its application:
 - (v) Actual revenues produced by the DSM/EE rider and the DSM/EE EMF rider established by the Commission during the test period and for all available months immediately preceding the rate period.

The following table provides DSM/ EE revenues billed from April 1, 2010 through March 31, 2011.

| | DSM/EE Rider | DSM/EE EMF Rider | Total from Riders |
|-----------------------------------|-------------------------------|---------------------------|-------------------|
| Residential DSM/EE Recoveries | \$:18,642,736 | ·····(\$3,924,754), | \$14,717,983 |
| General Service | , \$ - 18,422,984 | (\$2,160,239). | × \$16,262,745. |
| Less: Opt-Out Credits | 9,155,648 | (1,078,968) | 8,076,680 |
| General Service DSM/EE Recoveries | ~\$;;9,267,336 | . (\$1,081,27 <u>1)</u> | \$8,186,065 |
| Lighting | · \$* * , 249,597, | # (\$65,486) ₄ | \$315,083 |
| Less: Opt-Out Credits | 7,097 | 1,875 | 8,972 |
| Lighting DSM/EE Recoveries 本語 |) \$ | ું ક63;612.્ | \$306,112 |
| Total/DSM/EE/Récoveries | ' \$ 28;152,573 | · ·(\$4,942,413) | ÷ , \$23,210,159. |

The following table provides actual and estimated DSM/ EE revenues for the period April 1, 2011 through July 31, 2011.

| | DSM/EE Rider | DSM/EE EMF Rider | Total from Riders |
|-----------------------------------|-----------------|---------------------|-----------------------------|
| Residential DSM/EE Recoveries | ′ \$ 9,151,502 | **\\$47,675) | \$=49,103,827 |
| General Service | \$\$\$9,319,873 | · (\$706,053) | <i>∰</i> \$.\$8,613,820 |
| Less: Opt-Out Credits | 4,567,159 | (345,997) | 4,221,162 |
| General Service DSM/EE Recoveries | \$, 4,752,714 | , (\$360,056). | - \$ 4,392,658 |
| Lighting | \$\;\'\115;401\ | (\$16,486) | - \$; - - 98;915 |
| Less: Opt-Out Credits | 2,219 | (317) | 1,902 |
| Lighting DSM/EE Recoveries | 4. S 113.182 | (\$16.169) | \$ 34.97,013 |

Rule R8-69(f)(1)(vi) - Proposed DSM/EE and DSM/EE EMF riders

Rule R8-69 (f) Filing Requirements and Procedure.

(1) Each electric public utility shall submit to the Commission all of the following information and data in its application:

(vi) The requested DSM/EE rider and DSM/EE EMF rider and the basis for their determination.

Detailed information regarding the determination of the DSM/EE and DSM/EE EMF factors 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 North Carolina Regulatory Fees.

| Rate Class | DSM /EE Rate | DSM /EE EMF | DSM/EE Annual Rider |
|-----------------|--------------|-------------|---------------------|
| Residential | 0.295¢/kWh | 0.009¢/kWh | 0.304¢/kWh |
| General Service | 0.185¢/kWh | 0.001¢/kWh | 0.186¢/kWh |
| Lighting | 0.093¢/kWh | -0.009¢/kWh | 0.084¢/kWh |

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

| Rate Class | DSM /EE Rate | DSM /EE EMF | DSM/EE Annual Rider |
|-----------------|--------------|-------------|---------------------|
| Residential | 0.305¢/kWh | 0.009¢/kWh | 0.314¢/kWh |
| General Service | 0.191¢/kWh | 0.001¢/kWh | 0.192¢/kWh |
| Lighting | 0.096¢/kWh | -0.009¢/kWh | 0.087¢/kWh |

Rule R8-69(f)(1)(vii) - Projected NC retail sales for customers opting out of measures Rule R8-69 (f) Filling Requirements and Procedure.

(1) Each electric public utility shall submit to the Commission all of the following information and

- data in its application:

 (vii) Projected North Carolina retail monthly kWh sales for the rate period for all industrial and
- (vii) Projected North 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 as provided in this rule.

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 10,952,780,436 kWh will not be subject to billing under its rider for the twelve month period ending November 30, 2012. A similar analysis estimated that there is another 12,606,941 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 the rider. The following table provides the Company's estimate of North Carolina retail monthly kWh sales in the aggregate, that will not be assessed DSM/EE rider charges.

Estimated "Opt-Out" Sales from with Industrial, Large Commercial & Lighting Customers

| Month | Estimated kWh |
|-------------|----------------|
| DEC-11 | 855,733,282 |
| JAN-12 | 876,896,374 |
| FEB-12 | 873,917,140 |
| Mar-12 | 847,421,737 |
| APR-12 | 870,898,657 |
| May-12 | 845,736,705 |
| Jun-12 | 962,400,986 |
| Jul-12 | 980,120,222 |
| Aug-12 | 1,043,259,629 |
| SEP-12 | 1,014,183,034 |
| Ост-12 | 905,749,775 |
| Nov-12 | 889,069,836 |
| Total Total | 10,965,387,377 |

Rule R8-69(f)(1)(viii) - Supporting work papers

Rule R8-69 (f) Filing Requirements and Procedure.

(1) Each electric public utility shall submit to the Commission all of the following information and data in its application:

(viii) All work papers supporting the calculations and adjustments described above

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.

Rule R8-69(f)(2) - Work papers and testimony

Rule R8-69 (f) Filing Requirements and Procedure.

(1) Each electric public utility shall file the information required under this rule, accompanied by work papers and direct testimony and exhibits of expert witnesses supporting the information filed in this proceeding, and any change in rates proposed by the electric utility, by the date specified in subdivision (e)(2) of this rule. An electric public utility may request a rider lower than that to which its filed information suggests that it is entitled.

Work papers and supporting documents are 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 and information requested by the Commission in its November 17, 2010 Order in Docket Number E-2, Sub 977 relating to the propriety of incorporating general education and awareness (GEA) expenses and associated A&G costs into the cost-effectiveness tests and evaluations of currently approved and all future programs. Also pursuant to that Commission Order, Julie Hans has submitted testimony providing information relating to the effectiveness of the Company's GEA initiatives.

Appendix A: Non-Participating Customers

| Non-Participant | Non- Participating |
|--------------------------------|-----------------------|
| 3 M COMPANY INC | Accounts 4 |
| 3141 PROPERTIES LLC | 1 |
| 333 VENTURES LLC C/O RDC PROP | 1 |
| 3700 GLENWOOD LLC | 1 |
| ACME ELECTRIC CORP | 2 |
| ACME-MCCRARY CORP | 7 |
| AG PROVISION LCC | 2 |
| AIMET TECHNOLOGIES INC | 2 |
| AJINOMOTO USA INC | 3 |
| ALAMAC AMERICAN KNITS LLC | 3 |
| ALCATEL LUCENT USA | 1 |
| ALLEN CANNING CO | 2 |
| ALLEN IND & WELDING SUPPLY LLC | 1 |
| ALLEN PRECISION IND INC | 1 |
| ALOTECH INC | 3 |
| ALPLA INC | 1 |
| AMC INC | 5 |
| AMCOR PHARMACEUTICAL PACKAGING | 2 |
| AMERICAN EUROPEAN LLC | 1 |
| AMERICAN GROWLER INC | 1 |
| AMERICAN SKIN COMPANY INC | 1 |
| AMISUB OF NORTH CAROLINA INC | 1 |
| AMT/BCU, INC. | 6 |
| ANGUS BARN LTD | 6 |
| ANGUS FIRE ARMOUR CORP | 1 |
| ANSON COMMUNITY HOSPITAL | 1 |
| ANSON MACHINE WORKS | 4 |
| APAC TENNESSEE INC | 4 |
| ARCADIA DAIRY FARMS INC | 2 |
| ARCHER DANIELS MIDLAND CO | 1 |
| ARCLIN USA INC | 1 |
| ARDEN CORPORATION | 4 |
| ARI RALEIGH CAPITOL CTR LLC | 1 |
| ARVATO DIGITAL SERVICES LLC | 3 |
| ASHEBORO CITY OF | 3 |
| ASHEBORO ELASTICS CORP | 4 |
| ASHEVILLE BUNCOMBE TECH | 2 |
| ASHEVILLE CITY OF | 3 |
| ASHEVILLE DYING AND FINISHING | 1 |
| ASHEVILLE REGIONAL AIRPORT | 1 |
| AT & T MOBILITY | 2 |

| Non-Participant Participati Accounts ATLANTIC CORP OF WILM INC 1 |
|--|
| |
| PIRATE CONFOLUTION 1 |
| ATLANTIC ORTHOPEDICS PA 1 |
| ATLANTIC PUBLISHING CO 1 |
| AUSTIN QUALITY FOODS INC 4 |
| B V HEDRICK GRAVEL & SAND CO 2 |
| BAILEY RED & WHITE 1 |
| BALCRANK PRODUCTS INC 1 |
| BARNES FARMING CORP 9 |
| BARNHARDT MFG CO 1 |
| BARTLETT MILLING CO 1 |
| BAY VALLEY FOODS LLC 8 |
| BB&T 2 |
| |
| BELK INC 8 |
| BELLSOUTH TELECOMMUNICATIONS 11 |
| BERKELEY MALL 1 |
| BERKELEY MALL LLC 6 |
| BEST BUY STORES LP 7 |
| BI-LO LLC 1 |
| BILTMORE BAPTIST CHURCH 1 |
| BILTMORE FOREST COUNTRY CLUB 1 |
| BJ'S WHOLESALE CLUB INC 8 |
| BLACK MTN CENTER 6 |
| BLUE RIDGE PAPER PRODUCTS INC 32 |
| 8ONSAL AMERICAN INC 5 |
| BP SOLUTIONS GROUP INC 2 |
| BPG MANAGEMENT CO NC LLC 2 |
| BRH ASSOCIATES LP 2 |
| BROMLEY PLASTICS CORPORATION 1 |
| BROOKS HOWELL RETIREMENT HOME 4 |
| BSH HOME APPLIANCES 6 |
| BURCAM CAPITAL II, LLC 1 |
| BURLINGTON INDUSTRIES LLC 2 |
| BUTLER MFG CO 5 |
| BUTTKE DAIRY ENTERPRISES 5 |
| CAMPBELL SOUP SUPPLY CO LLC 2 |
| CAMPBELL UNIVERSITY 39 |
| CAN AM SOUTH LLC 2 |
| CAPE FEAR ACADEMY 5 |
| CAPE FEAR COUNTRY CLUB 7 |
| CAPE FEAR MEM HOSP INC 2 |
| CAPE FEAR PUBLIC UTILITY AUTHORITY 5 |

| The state of the s | WF 12 2 12 15 15 1 |
|--|--------------------|
| Non-Participant | Participating |
| | Accounts |
| CAPEL INC | 6 |
| CAPEL INC SMITHERMAN PLT LIGHT | 1 |
| CAPELSIE MILLS INC | 1 |
| CAPITAL ASSOCIATES | 8 |
| CAPITAL BROADCASTING CO | 2 |
| CAPITOL FUNDS INC | 10 |
| CARGILL INC | 3 |
| CAROLINA APPAREL GROUP INC | 3 |
| CAROLINA BEACH TOWN OF | 1 |
| CAROLINA COUNTRY CLUB | 4 |
| CAROLINA CRATE & PALLET INC | 1 |
| CAROLINA CUSTOM FINISHING LLC | 1 |
| CAROLINA ELECTRONIC ASSEMBLER | 1 |
| CAROLINA GROWLER | 1 |
| CARQUEST OF SRONCE | 1 |
| CARTERET CO BD OF ED | 22 |
| CARTERET GENERAL HOSPITAL | 2 |
| CARTERET SURGICAL ASSOCIATES | 1 |
| CARY TOWN OF | 7 |
| CASCADES MOULDED PULP | 1 |
| CASCADES MODICED FOLF CASCADES TISSUE GROUP NC INC | 3 |
| CASE FARMS | 4 |
| CATALENT PHARMA SOLUTIONS LLC | 1 |
| CATERPILLAR INC | 8 |
| CENTURY SPECIALTY WINDOWS | 2 |
| CERTAINTEED CORPORATION | 1 |
| CERTAINTEED CORPORATION | 1 |
| CHAMPION PRODUCTS INC | 2 |
| CHARLES CRAFT INC | 1 |
| CHATHAM CO | 1 |
| CHENEY | 1 |
| CHERRY HOSPITAL | 1 |
| CLIENT LOGIC INC | 1 |
| CLIFFORD W ESTES CO INC | 2 |
| CLINTON CITY OF | 1 |
| CLOSURE MEDICAL CORPORATION | 1 |
| CLOVERLEAF COLD STORAGE CO | 2 |
| CMC CORPORATION | 6 |
| COASTAL CAROLINA COMM COLLEGE | 14 |
| COASTAL FEDERAL CREDIT UNION | 1 |
| COKER FEED MILL INC | 1 |
| COLBOND INC | 1 |
| COLLEGE INN APARTMENTS | 1 |
| | |

| | Non- |
|-------------------------------------|---------------|
| Non-Participant | Participating |
| Company of the second of the second | Accounts |
| COLUMBUS COUNTY SCHOOLS | 2 |
| COLUMBUS REG HEALTHCARE SYSTEM | 2 |
| COMMUNICATIONS INSTRUMENTS INC | 3 |
| COMPUTER DESIGN INC | 1 |
| CONAGRA FOODS PACKAGED FOODS | 4 |
| CONESTOGA WOOD SPECIALTIES | 2 |
| CONOPCO INC | 6 |
| CONSOLIDATED METCO INC | 1 |
| CONTAINER SYSTEMS INC | 5 |
| CONTRACT STEEL SALES INC | 3 |
| CONVEYOR TECHNOLOGIES OF SANFORD | 4 |
| CONWOOD COMPANY LP | 5 |
| COOPER INDUSTRIES INC | 1 |
| COOPER TOOLS LLC | 1 |
| COOPER-STANDARD AUTOMOTIVE INC | 2 |
| CORNELIA NIXON DAVIS INC | 2 |
| CORNELIA NIXON DAVIS NURSING | 1 |
| CORNING INC | 3 |
| CORTEK | 4 |
| соѕтсо | 4 |
| COTY US LLC | 4 |
| COUNCIL TOOL CO INC | 1 |
| COUNTRY CLUB OF LANDFALL | 21 |
| COUNTY OF WAYNE | 5 |
| COURTYARD BY MARRIOTT | 3 |
| CRABTREE PARTNERS LLC | 1 |
| CRAVEN CO BD OF ED | 25 |
| CRAWFORD KNITTING INC | 1 |
| CROP PRODUCTION SERVICES INC | 1 |
| CROWN-RALEIGH LLC | 2 |
| CROWN-RALEIGH II LLC | 1 |
| CROWN-RALEIGH III LLC | 1 |
| CSX TRANSPORTATION | 2 |
| DAK AMERICAS LLC | 5 |
| DALIAH PLASTICS CORP | 4 |
| DAY INTERNATIONAL INC | 2 |
| DCI INC | 1 |
| DENNISON | 1 |
| DEVIL DOG MFG CO INC | 3 |
| DEWEY DEVELOPMENT INC | 3 |
| DIOSYNTH RTP INC | 2 |
| DIXIE PIPELINE COMPANY | 4 |
| DUKE REALTY CORP | 14 |
| | |

| Non-Participant Non-Participant Account DUNN CITY OF DUPLIN GENERAL HOSPITAL DUPONT E I DENEMOURS & CO INC 8 DUPONT TEIJIN FILMS U.S.L.P. 1 | *** - |
|---|-------|
| DUNN CITY OF 2 DUPLIN GENERAL HOSPITAL 1 DUPONT E I DENEMOURS & CO INC 8 | *** - |
| DUNN CITY OF 2 DUPLIN GENERAL HOSPITAL 1 DUPONT E I DENEMOURS & CO INC 8 | |
| DUPONT E I DENEMOURS & CO INC 8 | |
| | |
| DUPONT TEIJIN FILMS U.S.L.P. 1 | |
| | _ |
| E I DUPONT-KINSTON SITE-SORON 1 | _ |
| EARTH FARE 3 | |
| EASTERN BUILDING COMPONENTS 1 | |
| EATON AEROQUIP INC 1 | |
| EATON CORPORATION 6 | |
| EDWARDS WOOD PRODUCTS INC 5 | |
| ELASTIC THERAPY INC 3 | |
| ELDER PRINTING CO INC 1 | |
| ELECTRO SWITCH CORPORATION 1 | |
| ELEMENTIS CHROMIUM ACQUISITION 4 | |
| ELKAY SOUTHERN PLANT 2 1 | |
| ELKINS SAWMILL INC 2 | |
| EMBARQ MID-ATLANTIC MGMNT SVC 4 | |
| EMCO WHEAT INC 1 | |
| ENERGIZER BATTERY MANUFACTURING 1 | |
| ENTERCO LLC 1 | |
| ENWOOD STRUCTURES LLC 4 | |
| ERICO INC 2 | |
| EVERGREEN PACKAGING INC 4 | |
| EXECUTIVE PARK ASSOCIATES 1 | |
| EXPRESS FOOD GROUP LLC 1 | |
| FACTORY ICE HOUSE 3 | |
| FAIRVIEW HOMES 1 | |
| FCC (NC) LLC 4 | |
| FENNER DRIVES 1 | |
| FEX STRAW MANUFACTURING 1 | |
| FIRC HAYWOOD PARK LLC 1 | |
| FIRST CITIZENS BANK 1 | |
| FIRST CITIZENS BANK & TRUST CO 3 | |
| FIRSTHEALTH OF THE CAROLINAS 4 | |
| FLOCO FOODS INC 2 | |
| FOOD LION INC 164 | |
| FOUR SEASONS MGNT 2 | |
| FOUR SEASONS MNGMT SVCS INC 6 | |
| FRANKLIN BAKING COMPANY LLC 10 | |
| FRANKLIN COUNTY SCHOOLS 4 | |
| FRESH BUY INC 2 | |
| FRONTIER SPINNING MILLS 2 | |
| FURNITURE FAIR INC 3 | |

| Non-Participant | Non- Participating Accounts |
|-----------------------------------|-----------------------------------|
| GALE FORCE SPORTS & ENTERTAINMENT | 1 |
| GARLAND SHIRT CO | 3 |
| GENERAL ELECTRIC CO | 2 |
| GENERAL INDUSTRIES INC | 5 |
| GENERAL PARTS INC | 1 |
| GENERAL SHALE BRICK INC | 10 |
| GENERAL TIMBER INC | 1 |
| GEORGIA PACIFIC CORP | 9 |
| GIRSBERGER INDUSTRIES | 1 |
| GIVENS ESTATES INC | 14 |
| GLAXOSMITHKLINE | 6 |
| GLEN RAVEN MILLS INC | 1 |
| GLENWOOD PLACE VENTURES LLC | 1 |
| GOLDSBORO CITY OF | 4 |
| GOLDSBORO HOUSING AUTHORITY | 1 |
| GOLDSBORO MILLING CO | 14 |
| GRANITE FALLS SWIM/ATHL CLUB | 3 |
| GREDE II LLC | 3 |
| GROVE PARK INN RESORT INC | 3 |
| GUILFORD MILLS INC | 3 |
| H & H FURNITURE MFG INC | 3 |
| HALLMAN FOUNDRY INC | 2 |
| HANSON AGGREGATES SE LLC | 37 |
| HAPPY JACK INC | 1 |
| HARGER LIGHTNING & GROUNDING | 1 |
| HARNETT CO BD OF ED | 9 |
| HARRIS PRINTING CO INC | 2 |
| HARRIS TEETER INC | 36 |
| HARRISON CONSTRUCTION CO | 1 |
| HASTY PLYWOOD CO | 1 |
| HAYWOOD COUNTY LOCAL GOV | 1 |
| HD CAPITAL CENTER LLC | 1 |
| HEALTHCARE PROPERTY GROUP LLC | 1 |
| HI-CONE DIV ITW INC | 1 |
| HIGHWOODS JOINT VENTURE | 1 |
| HIGHWOODS PROPERTIES | 5 |
| HIGHWOODS PROPERTIES INC | 13 |
| HIGHWOODS REALTY LP | 17 |
| HIGHWOODS REALTY LTD | 1 |
| HOME DEPOT USA INC | 11 |
| HONEYWELL INC | 1 |
| HOPE COMMUNITY CHURCH | 1 |
| HORNWOOD INC | 5 |

| Non-Participant | Non- Participating Accounts a |
|--------------------------------|-------------------------------------|
| HOSTED SOLUTIONS LLC | 3 |
| HOUSE OF RAEFORD FARMS INC | 8 |
| IAC TROY LLC | 1 |
| INGLES MARKETS INC | 24 |
| INN ON BILTMORE ESTATE INC | 1 |
| INTERCONTINENT FUND 3 REG LLC | 2 |
| INTERNATIONAL BROADCAST BUREAU | 1 |
| INTERNATIONAL PAPER CO | 6 |
| INTERNATIONAL TRAY PADS & PKG | 1 |
| INTERROLL CORPORATION | 1 |
| INVISTA S A R L | 7 |
| ISLAND HOSPITALITY MGMT II INC | 1 |
| J & D WOOD INC | 2 |
| JACKSON | 1 |
| JACOB HOLM IND AMERICA INC | 1 |
| JIMMY WARD HARDWOODS INC | 3 |
| JOHN DEERE TURF CARE INC | 1 |
| JOHN Q HAMMONS HOTELS INC | 1 |
| JOHNSTON CO BOARD OF EDUCATION | 2 |
| JOHNSTON CO PUBLIC UTILITIES | 1 |
| JOHNSTON MEMORIAL HOSPITAL | 1 |
| JORDAN LUMBER CO | 14 |
| JOVC FOOD CORP INC | 3 |
| K MART CORP | 15 |
| K T FELDSPAR CORP | 8 |
| KAM ENGINEERING SVC PC | 1 |
| KAYSER ROTH HOSIERY INC | 3 |
| KENLI ENTERPRISES INC | 1 |
| KENNAMETAL INC | 2 |
| KENNEDY HOME EASTERN | 1 |
| KIMLEY HORN & ASSOC INC | 1 |
| KIMSHE LLC | 1 |
| KLAUSSNER FURN IND INC | 25 |
| KORDSA INC | 3 |
| KROGER COMPANY | 10 |
| LAKE JUNALUSKA ASSEMBLY INC | 2 |
| LANCER INC | 5 |
| LEE BRICK & TILE CO | 6 |
| LEE COUNTY | 1 |
| LEE COUNTY COURT HOUSE | 1 |
| LEE IRON & METAL CO | 1 |
| LENOVO INTERNATIONAL | 2 |
| LIBERTY HEALTHCARE SERVICES | 1 |

| Non-Participant | Non- Participating |
|-----------------------------------|-----------------------|
| LICHTIN TRINITY I LLC | Àccounts ? |
| LICHTIN WADE I LLC | 2 |
| LICHTIN WADE II LLC | 1 |
| LICHTIN/TRINITY II LLC | 2 |
| LIFETIME FITNESS INC | 1 |
| LINCOLN HOMES HOUSING PROJECT | 1 |
| LOCAL GOVERNMENT FED CREDIT UNION | 1 |
| LOUISE WELLS CAMERON ART MUSEUM | 4 |
| LOUISIANA PACIFIC CORP | 1 |
| LOWES COMPANIES INC | 18 |
| LOWES FOOD STORES | 30 |
| LOXCREEN CO INC | 1 |
| M ADLER'S SON, INC | 2 |
| MACY'S INC | 3 |
| MAGNETTI MARELLI USA INC | 4 |
| MALLINCKRODT INC | 7 |
| MANHATTEN AMERICAN | 1 |
| MARTIN | 1 |
| MATTHEWS & MATTHEWS INC | 1 |
| MCDOWELL LUMBER CO INC | 1 |
| MEADWESTVACO CORPORATION | 1 |
| MEASUREMENTS GROUP INC | 4 |
| MEDICAL ACTION INDUSTRIES INC | 1 |
| MEDICAL SPEC INC | 1 |
| MEREDITH COLLEGE | 5 |
| MERTEK SOLUTIONS INC | 1 |
| MESTEK INC | 3 |
| METAL & MATERIALS PROCSNG LLC | 1 |
| METAL-CAD & STEEL FRAMING | 1 |
| METCHEM, LLC | 1 |
| METHODIST UNIVERSITY | 40 |
| MINE SAFETY APPL CO INC | 1 |
| MISSION HEALTH INC | 3 |
| MISSION ST JOSEPH HOSPITAL | 1 |
| MMIC-TL INC PARTNERS LLC | 1 |
| MOEN INC | 3 |
| MOHAWK INDUSTRIES INC | 1 |
| MONCURE PLYWOOD LLC | 6 |
| MONTGOMERY MEMORIAL HOSP INC | 1 |
| MOORE COUNTY SCHOOLS | 1 |
| MOORE MACHINE COMPANY | 5 |
| MOUNTAIRE FARMS OF NC INC | 8 |
| MT OLIVE PICKLE CO | 13 |

| Non-Participant | Non- Participating |
|--|-----------------------|
| MALIER WAS A STATE OF THE STATE | Accounts |
| MURPHY BROWN LLC | 1 |
| MUTUAL DISTRIBUTING INC | 1 1 |
| N C TELEVISION INC | 1 |
| NASH BRICK CO INC | 2 |
| NASH COUNTY | 1 |
| NASH COUNTY MANAGERS OFFICE | 1 |
| NASH ROCKY MOUNT BD OF ED | 3 |
| NATIONAL SPINNING CO | 6 |
| NATURES EARTH PELLETS INC LLC | 2 |
| NC DEPT OF MENTL HEALTH | 11 |
| NC FARM BUREAU FEDERATION | 1 |
| NC STATE FAIRGROUNDS | 1 |
| NC STATE UNIVERSITY | 96 |
| NC WILDLIFE COMMISSION | 1 |
| NEARN | 11 |
| NEW BERN CRAVEN CO BD OF ED | 1 |
| NEW HANOVER REGIONAL MED CTR | 5 |
| NEXANS INC | 3 |
| NOF INC | 1 |
| NOMACO INC | 1 |
| NOMACORC LLC | 3 |
| NORCRAFT COMPANIES LP | 1 |
| NORTH CAROLINA MFG CO INC | 1 |
| NOVARTIS VACCINES & DIAGNOSTIC | 1 |
| NOVOZYMES NORTH AMERICA INC | 2 |
| NYPRO ASHEVILLE INC | 1 |
| OLIVER RUBBER COMPANY | 2 |
| OMNI SYSTEMS INC | 2 |
| ONSLOW CO BD OF EDUCATION | 4 |
| OUTLET BROADCASTING INC | 1 |
| PALM PARK INC | 1 |
| PARADIGM ANALYTICAL | 11 |
| PARK N SHOP FOOD MART INC | 2 |
| PARKDALE AMERICA LLC | 3 |
| PCS PHOSPHATE CO INC | 11 |
| PENDER MEMORIAL HOSPITAL | 9 |
| PENTAIR WATER POOL AND SPA INC | 2 |
| PEPSI BOTTLING VENTURES LLC | 1 |
| PEPSI COLA BOTTLING CO | 4 |
| PEPSI COLA OF WILMINGTON | 11 |
| PERDUE FARMS INC | 25 |
| PERFORMANCE FIBERS INC | 2 |
| PERGO INC | 3 |

| Non-Participant | Participating |
|--------------------------------|---------------|
| PERSON CO BD OF ED | 1 |
| PETROLEUM TANK CO | 2 |
| PFIZER INC | 1 |
| PFRS GLENWOOD PLAZA CORP | 1 |
| PHOENIX LTD PARTNERSHIP | 1 |
| PIEDMONT NATURAL GAS CO | 1 |
| PILGRIMS PRIDE CORPORATION | 1 |
| PILKINGTON | 1 |
| PINEHURST LLC | 91 |
| PIONEER HI BRED INC | 1 |
| PLANTATION VILLAGE INC | 12 |
| PLASTICARD PRODUCTS INC | 1 |
| POLYMER GROUP INC | 1 |
| POWERBOSS INC | 3 |
| POWERWARE CORPORATION | 1 |
| PRAXAIR INC | 2 |
| PRC NC LLC | 1 |
| PREMIERE FIBERS INC | 5 |
| PRESTAGE FARMS INC | 31 |
| PRESTON TAYLOR FOOD INC | 2 |
| PRINTLOGIC LLC | 1 |
| PRO PALLET SOUTH INC | 1 |
| PRODUCTION COATING INC | 2 |
| PSNC ENERGY | 1 |
| PUBLIC SCHOOLS OF ROBESON CO | 1 |
| QUAIL HAVEN | 29 |
| QUALCOMM INC | 1 |
| QUALITY TEXTILE SERVICES INC | 1 |
| QUALPAK LLC | 3 |
| RAEFORD CITY OF | 1 |
| RAILROAD FRICTION PRODUCT CORP | 2 |
| RALEIGH CITY OF | 19 |
| RALEIGH FITNESS & WELLNESS | 1 |
| RALEIGH HOUSING AUTHORITY | 3 |
| RAMTEX INC | 2 |
| RAVEN ANTENNA SYSTEMS INC | 1 |
| RDU AIRPORT AUTHORITY | 8 |
| RDU CENTER PARTNERS LLC | 1 |
| RED HAT INC | 1 |
| REDDY ICE CORP-LUMBERTON | 2 |
| REDDY ICE CORP-RALEIGH | 4 |
| REDDY ICE CORP-TROY | 2 |
| REGENCY HEALTH SERVICES | 1 |

| Non-Participant | Non-Participating Accounts |
|-------------------------------|----------------------------|
| REGENCY PARK CORP | 3 |
| REGENCY PARK NORTH PROPERTY | 1 |
| REGENCY PARK OFFICE DEV LLC | 3 |
| REGENCY PARKWAY CORP | 1 |
| RELIANCE ELECTRIC CO | 1 |
| RESINART EAST INC | 1 |
| REVLON CONSUMER PRODUCTS CORP | 3 |
| REX HEALTH CARE INC | 13 |
| RICHMOND COUNTY SCHOOLS | 1 |
| RICHMOND SPECIALTY YARNS LLC | 2 |
| RIDGECREST CONFERENCE CENTER | 57 |
| RIVERPLACE LLC | 1 |
| ROCKINGHAM CITY OF | _1 |
| RODECO CO | 1 |
| ROSTRA PRECISION CT INC | 2 |
| ROYAL TEXTILE MILLS INC | 1 |
| RUBY'S PROPERTIES II LLC | 1 |
| S B SMITH & SON INC | 2 |
| S T WOOTEN CORPORATION | 17 |
| SAINT GOBAIN CONTAINERS | 4 |
| SAINT MARY'S SCHOOL | 1 |
| SAINT-GOBAIN ABRASIVES INC | 1 |
| SANDHILLS COMM COLLEGE | 8 |
| SANDHILLS REGIONAL MEDICAL CT | 1 |
| SANFORD CITY OF | 2 |
| SANFORD LEE CO BD OF ED | 2 |
| SANFORD MILLING CO | 2 |
| SAPONA MFG CO INC | 2 |
| SAS INSTITUTE INC | 2 |
| SAVER GROUP INC | 1 |
| SCOTLAND CO BD OF ED | 1 |
| SCOTLAND CONTAINER INC | 1 |
| SCOTLAND MANUFACTURING | 1 |
| SEALED AIR CORP | _4 |
| SEARS ROEBUCK & CO | 6 |
| SENTRY FURNITURE LLC | 1 |
| SILER CITY TOWN OF | 2 |
| SILVER LINE PLASTICS CORP | 11 |
| SINCLAIR BROADCAST GROUP INC | 1 |
| SKYLAND BEER DIST | 1 |
| SMITH S B & SON INC | 4 |
| SMITHFIELD PACKING COMPANY | 3 |
| SONA BLW PRECISION FORGE INC | 3 |

| SONOCO PRODUCTS CO SOUTHCO INC OF NC SOUTHERN EAGLORP SOUTHERN BAG CORP SOUTHERN FABRICATORS INC SOUTHERN STATES CHEMICAL INC SOUTHERN STATES CHEMICAL INC SOUTHERN STATES COOP, INC SOUTHERN STATES COOP, INC SPENTECH INDUSTRIES INC SPENTECH INDUSTRIES INC STANDREWS PRESBYTERIAN COLL STALEY FABRICATORS INC STAN JOHNSON & ASSOCIATES LLC STARPET INC STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC TALECRIS BIOTHERAPEUTICS INC 4 TARGET STORES TEKELEC THE BILTMORE COMPANY 2 THE CHEESECAKE FACTORY THE CHEESECAKE FACTORY THE CHEESECAKE FACTORY THE FELDSPAR CORPORATION 9 THE FRESH MARKET INC 2 THE FRESH MARKET INC 1 THE FRESH MARKET INC 2 THE FRESH MARKET INC 1 THE FRESH MAR | Non-Participant | Non- Participating |
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| SOUTHCO INC OF NC SOUTHEASTERN REGIONAL MED CTR SOUTHERN BAG CORP SOUTHERN FABRICATORS INC SOUTHERN PINES TOWN OF SOUTHERN STATES CHEMICAL INC SOUTHERN STATES COOP, INC SPUNTECH INDUSTRIES INC SPUNTECH INDUSTRIES INC SPY FLOW TECHNOLOGY SYSTEMS TANDREWS PRESBYTERIAN COLL STALEY FABRICATORS INC STAN JOHNSON & ASSOCIATES LLC STAN JOHNSON & ASSOCIATES LLC STARPET INC STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC TALECRIS BIOTHERAPEUTICS INC 4 TARGET STORES TEKELEC THE BILTMORE COMPANY 2 THE CHEESECAKE FACTORY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC 1 THE FRESH MARKET INC 2 THE FRESH MARKET INC 1 THE SALOR SNUG HARBOR 1 THEODAVIS SONS INC 1 TIPPER TIE INC 1 TIPPER TIE INC 1 TIPPER TIE INC 1 TIPPER TIE INC TOP TOBACCOL P | | *Accounts |
| SOUTHEASTERN REGIONAL MED CTR SOUTHERN BAG CORP SOUTHERN FABRICATORS INC SOUTHERN PINES TOWN OF SOUTHERN STATES CHEMICAL INC SOUTHERN STATES CHEMICAL INC SOUTHERN STATES COOP, INC SPUNTECH INDUSTRIES INC SPX FLOW TECHNOLOGY SYSTEMS ST ANDREWS PRESBYTERIAN COLL STALEY FABRICATORS INC STAN JOHNSON & ASSOCIATES LLC STAN JOHNSON & ASSOCIATES LLC STARPET INC STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNRISE OF RALEIGH INC SUNRISE OF RALEIGH INC SUPPRIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC 4 TARGET STORES TEKELEC THE BILTMORE COMPANY 2 THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC 1 THE FELDSPAR CORPORATION 9 THE FRESH MARKET INC 2 THE HOTEL GROUP INC 1 THE SALOR SNUG HARBOR 1 THE SALOR SNUG HARBOR 1 THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P | | |
| SOUTHERN BAG CORP SOUTHERN FABRICATORS INC SOUTHERN STATES CHEMICAL INC SOUTHERN STATES CHEMICAL INC SOUTHERN STATES COOP, INC SPUNTECH INDUSTRIES INC SPY FLOW TECHNOLOGY SYSTEMS ST ANDREWS PRESBYTERIAN COLL STALEY FABRICATORS INC STAN JOHNSON & ASSOCIATES LLC STAN JOHNSON & ASSOCIATES LLC STARPET INC STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUPERIOR MODULAR PRODUCT INC SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC 4 TARGET STORES TEKELEC THE BILTMORE COMPANY 2 THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC 1 THE FELDSPAR CORPORATION 9 THE FRESH MARKET INC 2 THE FRESH MARKET INC 1 THE SAILOR SNUG HARBOR 1 THE ODAVIS SONS INC THERAFIRM COMPRESSION PRODUCT ITHERAFIRM COMPRESSION PRODUCT ITINSLEY GROUP - P S & W INC ITIPPER TIE INC TOP TOBACCO L P | | |
| SOUTHERN FABRICATORS INC SOUTHERN PINES TOWN OF SOUTHERN STATES CHEMICAL INC SOUTHERN STATES CHEMICAL INC SOUTHERN STATES COOP, INC SPUNTECH INDUSTRIES INC SPX FLOW TECHNOLOGY SYSTEMS ST ANDREWS PRESBYTERIAN COLL STALEY FABRICATORS INC STALEY FABRICATORS INC STARPET INC STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC 4 TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE FRESH MARKET INC THE SAILOR SNUG HARBOR THER SAILOR SNUG HARBOR THER ASILOR SNUG HARBOR THER TIE INC TOP TOBACCO L P | | |
| SOUTHERN PINES TOWN OF SOUTHERN STATES CHEMICAL INC SOUTHERN STATES COOP, INC 1 SPUNTECH INDUSTRIES INC SPX FLOW TECHNOLOGY SYSTEMS 1 ST ANDREWS PRESBYTERIAN COLL STALEY FABRICATORS INC STAN JOHNSON & ASSOCIATES LLC STAN JOHNSON & ASSOCIATES LLC STARPET INC STEEL & PIPE CORP 2 STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD 1 SUN LIFE ASSURANCE CO OF CANADA 2 SUNBRIDGE CARE & REHAB 1 SUNRISE OF RALEIGH INC SURISE OF RALEIGH INC SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION 1 SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC 4 TARGET STORES 15 TEKELEC 1 THE BILTMORE COMPANY 2 THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC 1 THE FELDSPAR CORPORATION 9 THE FRESH MARKET INC 2 THE HOTEL GROUP INC 1 THES ALLOR SNUG HARBOR 1 THERAFIRM COMPRESSION PRODUCT THERAFIRM COMPRESSION PRODUCT 1 TINSLEY GROUP - P S & W INC 1 TIPPER TIE INC TOP TOBACCO L P | | <u> </u> |
| SOUTHERN STATES CHEMICAL INC SOUTHERN STATES COOP, INC SPUNTECH INDUSTRIES INC SPX FLOW TECHNOLOGY SYSTEMS ST ANDREWS PRESBYTERIAN COLL STALEY FABRICATORS INC STAN JOHNSON & ASSOCIATES LLC STARPET INC STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC 4 TARGET STORES TEKELEC THE BILTMORE COMPANY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE FRESH MARKET INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P | ļ | <u> </u> |
| SOUTHERN STATES COOP, INC SPUNTECH INDUSTRIES INC SPX FLOW TECHNOLOGY SYSTEMS ST ANDREWS PRESBYTERIAN COLL STALEY FABRICATORS INC STALEY FABRICATORS INC STARPET INC STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC 4 TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P | | |
| SPUNTECH INDUSTRIES INC SPX FLOW TECHNOLOGY SYSTEMS 1 ST ANDREWS PRESBYTERIAN COLL STALEY FABRICATORS INC STAN JOHNSON & ASSOCIATES LLC STAN JOHNSON & ASSOCIATES LLC STARPET INC STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC 4 TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE CHEESECAKE FACTORY THE CHEESECAKE FACTORY THE FELDSPAR CORPORATION 9 THE FRESH MARKET INC 1 THE FRESH MARKET INC 1 THE SAILOR SNUG HARBOR 1 THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P | | |
| SPX FLOW TECHNOLOGY SYSTEMS ST ANDREWS PRESBYTERIAN COLL STALEY FABRICATORS INC STAN JOHNSON & ASSOCIATES LLC STARPET INC STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUPERIOR MODULAR PRODUCT INC SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC 4 TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE FRESH MARKET INC THE FASILOR SNUG HARBOR THE SAILOR SNUG HARBOR THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P | | |
| ST ANDREWS PRESBYTERIAN COLL STALEY FABRICATORS INC STALEY FABRICATORS INC STAN JOHNSON & ASSOCIATES LLC STARPET INC STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC TALECRIS BIOTHERAPEUTICS INC TARGET STORES TEKELEC THE BILTMORE COMPANY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE FRESH MARKET INC THE FRESH MARKET INC THE FARSH SONS INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P | | |
| STALEY FABRICATORS INC STAN JOHNSON & ASSOCIATES LLC STARPET INC STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC TALECRIS BIOTHERAPEUTICS INC TALECRIS BIOTHERAPEUTICS INC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TIPPER TIE INC TOP TOBACCO L P 2 TOP TOBACCO L P | SPX FLOW TECHNOLOGY SYSTEMS | 1 |
| STAN JOHNSON & ASSOCIATES LLC STARPET INC STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC 4 TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC 1 THE FELDSPAR CORPORATION THE FRESH MARKET INC THE FRESH MARKET INC THE HOTEL GROUP INC THE HOTEL GROUP INC THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P | ST ANDREWS PRESBYTERIAN COLL | 1 |
| STARPET INC STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC TALECRIS BIOTHERAPEUTICS INC TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE CHEESECAKE FACTORY THE FELDSPAR CORPORATION THE FRESH MARKET INC THE FRESH MARKET INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P 2 | STALEY FABRICATORS INC | 2 |
| STEEL & PIPE CORP STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC TALECRIS BIOTHERAPEUTICS INC TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE SAILOR SNUG HARBOR THE ODAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P 2 | STAN JOHNSON & ASSOCIATES LLC | 1 |
| STONECREEK HEALTH & REHAB LLC SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC TALECRIS BIOTHERAPEUTICS INC TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P | STARPET INC | 1 |
| SUMMIT HOSPITALITY GROUP LTD SUN LIFE ASSURANCE CO OF CANADA 2 SUNBRIDGE CARE & REHAB 1 SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC TALECRIS BIOTHERAPEUTICS INC TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TOP TOBACCO L P 2 | STEEL & PIPE CORP | 2 |
| SUN LIFE ASSURANCE CO OF CANADA SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC TALECRIS BIOTHERAPEUTICS INC TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FRESH MARKET INC THE FRESH MARKET INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P | STONECREEK HEALTH & REHAB LLC | 2 |
| SUNBRIDGE CARE & REHAB SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE FRESH MARKET INC THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P 2 | SUMMIT HOSPITALITY GROUP LTD | 1 |
| SUNRISE OF RALEIGH INC SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE FRESH MARKET INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TOP TOBACCO L P 2 | SUN LIFE ASSURANCE CO OF CANADA | 2 |
| SUNRISE SENIOR LIVING SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P | SUNBRIDGE CARE & REHAB | 1 |
| SUPERIOR MODULAR PRODUCT INC SUPERIOR PLASTICS EXTRUSION SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TOP TOBACCO L P 2 | SUNRISE OF RALEIGH INC | 1 |
| SUPERIOR PLASTICS EXTRUSION 1 SURGERY CENTER OF PINEHURST 1 SURTRONICS 2 SYRACUSE PLASTIC OF NC INC 1 SYSTEM PLAST LLC 1 TALECRIS BIOTHERAPEUTICS INC 4 TARGET STORES 15 TEKELEC 1 THE BILTMORE COMPANY 2 THE CHEESECAKE FACTORY 1 THE COUNTRY CLUB OF NC INC 1 THE FELDSPAR CORPORATION 9 THE FRESH MARKET INC 2 THE HOTEL GROUP INC 1 THE SAILOR SNUG HARBOR 1 THEO DAVIS SONS INC 1 THERAFIRM COMPRESSION PRODUCT 1 TINSLEY GROUP - P S & W INC 1 TIPPER TIE INC 3 TOP TOBACCO L P 2 | SUNRISE SENIOR LIVING | 1 |
| SURGERY CENTER OF PINEHURST SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TOP TOBACCO L P 2 | SUPERIOR MODULAR PRODUCT INC | 5 |
| SURTRONICS SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TOP TOBACCO L P 2 2 | SUPERIOR PLASTICS EXTRUSION | 1 |
| SYRACUSE PLASTIC OF NC INC SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC TARGET STORES 15 TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TOP TOBACCO L P 2 1 1 1 1 1 1 1 1 1 1 1 1 | SURGERY CENTER OF PINEHURST | 1 |
| SYSTEM PLAST LLC TALECRIS BIOTHERAPEUTICS INC TARGET STORES TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TOP TOBACCO L P 2 | SURTRONICS | 2 |
| TALECRIS BIOTHERAPEUTICS INC TARGET STORES 15 TEKELEC THE BILTMORE COMPANY THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION THE FRESH MARKET INC THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P 2 | SYRACUSE PLASTIC OF NC INC | 1 |
| TARGET STORES TEKELEC THE BILTMORE COMPANY 2 THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION 9 THE FRESH MARKET INC 2 THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TOP TOBACCO L P 2 | SYSTEM PLAST LLC | 1 |
| TEKELEC THE BILTMORE COMPANY 2 THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION 9 THE FRESH MARKET INC 2 THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC 3 TOP TOBACCO L P 2 | TALECRIS BIOTHERAPEUTICS INC | 4 |
| THE BILTMORE COMPANY 2 THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION 9 THE FRESH MARKET INC THE HOTEL GROUP INC THE SAILOR SNUG HARBOR 1 THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC 3 TOP TOBACCO L P | TARGET STORES | 15 |
| THE CHEESECAKE FACTORY THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION 9 THE FRESH MARKET INC 2 THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC 3 TOP TOBACCO L P | TEKELEC | 1 |
| THE COUNTRY CLUB OF NC INC THE FELDSPAR CORPORATION 9 THE FRESH MARKET INC 2 THE HOTEL GROUP INC THE SAILOR SNUG HARBOR 1 THEO DAVIS SONS INC 1 THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC 1 TIPPER TIE INC 3 TOP TOBACCO L P | THE BILTMORE COMPANY | 2 |
| THE FELDSPAR CORPORATION 9 THE FRESH MARKET INC 2 THE HOTEL GROUP INC 1 THE SAILOR SNUG HARBOR 1 THEO DAVIS SONS INC 1 THERAFIRM COMPRESSION PRODUCT 1 TINSLEY GROUP - P S & W INC 1 TIPPER TIE INC 3 TOP TOBACCO L P 2 | THE CHEESECAKE FACTORY | 1 |
| THE FRESH MARKET INC THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P 2 | THE COUNTRY CLUB OF NC INC | 1 |
| THE HOTEL GROUP INC THE SAILOR SNUG HARBOR THEO DAVIS SONS INC THERAFIRM COMPRESSION PRODUCT TINSLEY GROUP - P S & W INC TIPPER TIE INC TOP TOBACCO L P 1 | THE FELDSPAR CORPORATION | 9 |
| THE SAILOR SNUG HARBOR 1 THEO DAVIS SONS INC 1 THERAFIRM COMPRESSION PRODUCT 1 TINSLEY GROUP - P S & W INC 1 TIPPER TIE INC 3 TOP TOBACCO L P 2 | THE FRESH MARKET INC | 2 |
| THEO DAVIS SONS INC 1 THERAFIRM COMPRESSION PRODUCT 1 TINSLEY GROUP - P S & W INC 1 TIPPER TIE INC 3 TOP TOBACCO L P 2 | THE HOTEL GROUP INC | 1 |
| THERAFIRM COMPRESSION PRODUCT 1 TINSLEY GROUP - P S & W INC 1 TIPPER TIE INC 3 TOP TOBACCO L P 2 | THE SAILOR SNUG HARBOR | 1 |
| TINSLEY GROUP - P S & W INC 1 TIPPER TIE INC 3 TOP TOBACCO L P 2 | THEO DAVIS SONS INC | 1 |
| TIPPER TIE INC 3 TOP TOBACCO L P 2 | THERAFIRM COMPRESSION PRODUCT | 1 |
| TOP TOBACCO L P 2 | TINSLEY GROUP - P S & W INC | 1 |
| | TIPPER TIE INC | 3 |
| | TOP TOBACCO L P | 2 |
| | TOWER ASSOCIATES INC | 3 |

PEC Exhibit No. 1 Filing Requirements

| | Non- |
|--------------------------------|---------------|
| Non-Participant | Participating |
| | Accounts |
| TRAMWAY VENEERS INC | 2 |
| TRANS CAROLINA PRODUCTS LLC | 1 |
| TRIANGLE AQUATIC CENTER | 1 |
| TRIANGLE BRICK CO | 3 |
| TRINITY MANUFACTURING INC | 5 |
| TROY LUMBER CO | 13 |
| TROY POLYMER INC | 1 |
| TSO FAYETTEVILLE LLC | 2 |
| TURN BULL LUMBER COMPANY | 1 |
| TYCO ELECTRONICS | 1 |
| TYSON FOODS INC | 2 |
| UNCW | 10 |
| UCHIYAMA AMERICA INC | 1 |
| UMICORE AUTOCATALYST RECYCLING | 1 |
| UMICORE USA INC | 1 |
| UNC AT ASHEVILLE NEW LOAD | 1 |
| UNC PUBLIC TV OF NC | 1 |
| UNIBOARD USA LLC | 5 |
| UNILIN US MDF | 3 |
| UNIMIN CORPORATION | 13 |
| UNISON ENGINE COMPONENTS INC | 3 |
| UNITED STATES COLD STORAGE INC | 3 |
| UNIVERSAL LEAF NORTH AMERICA | 7 |
| UNIVERSITY OF NC AT PEMBROKE | 1 |
| UNIVERSITY RESEARCH UNIT | 1 |
| US ARMY FORT BRAGG | 3 |
| US DEPT OF AIR FORCE | 1 |
| US DEPT OF COMMERCE NOAA | 3 |
| US FLUE CURED TOBACCO GROWERS | 2 |
| US MARINE CORPS | 2 |
| US POST OFFICE | 2 |
| US VETERANS ADMIN HOSPITAL | 1 |
| UWHARRIE LUMBER CO | 1 |
| VALLEY PROTEINS INC | 12 |
| VANCE CO COURTHOUSE | 1 |
| VANCE GRANVILLE COMM COLLEGE | 1 |
| VEEDER ROOT INC | 1 |
| VENTURE CENTER LLC | 4 |
| VONDREHLE CORP | 6 |
| VULCAN MATERIALS CO | 28 |
| 1 | |

| Non-Participant (| Non- Participating Accounts |
|---------------------------------|-----------------------------------|
| W N WILDER INC | 1 |
| WADESBORO IGA FOODLINER INC | 1 |
| WAKE CO HOSP SYSTEM INC | 3 |
| WAKE COUNTY BOARD OF EDUCATION | 55 |
| WAKE COUNTY GENERAL SERVICES | 10 |
| WAKE STONE CORP | 15 |
| WAKEMED PROPERTY SERVICES | 2 |
| WAL MART PDC #6091 | 1 |
| WALMART STORES INC | 40 |
| WARREN CO BD OF ED | 5 |
| WASTE MANAGEMENT INC | 1 |
| WAYNE CO PUBLIC SCHOOLS | 2 |
| WAYNE COMMUNITY COLLEGE | 1 |
| WAYNE COUNTY | 1 |
| WAYNE MEMORIAL HOSPITAL INC | 14 |
| WAYNESVILLE TOWN OF | 1 |
| WEIL | 1 |
| WELLS FARGO BANK NA | 3 |
| WELSH PAPER COMPANY | 5 |
| WEST CRAVEN HIGH SCHOOL | 4 |
| WEST CRAVEN MIDDLE SCHOOL | 2 |
| WEST FRASER INC | 5 |
| WESTFIELD INDEPENDENCE MALL LLC | 6 |
| WEYERHAEUSER CO | 7 |
| WILLIAM BARNET & SON INC | 7 |
| WILMINGTON HOTEL ASSOC CORP | 1 |
| WILMINGTON INTL AIRPORT | 1 |
| WILMINGTON MACHINERY INC | 1 |
| WILSONART INTERNATIONAL | 3 |
| WNCN TV 17 | 1 |
| WRDC LLC | 1 |
| WRIGHT MACHINE SHOP | 1 |
| WYETH | 2 |
| YALE INDUSTRIAL PRODUCTS INC | 1 |
| YMCA | 3 |
| YMCA OF WESTERN NORTH CAROLINA | 2 |

Appendix B: Program Participants Changing Opt-Out Status

ACCU-FAB INC D/I/P

ALLIANCE ONE INTERNATIONAL INC

AP EXHAUST PRODUCTS INC

ASHEVILLE CITY OF

ATLAS PRECISION PLASTIC, INC

BELLE MEADE RETIREMENT CENTER

BODY SYSTEMS USA LLC

BODY SYSTEMS USA LLC

BROOKWOOD CAROLINA CORP LLC

CAMPBELL UNIVERSITY

CAROLINA COUNTRY CLUB

CAROLINA COUNTRY CLUB

CARTERET COUNTY MAINT. DEPT

CATERPILLAR LOGISTICS SERVICES

CATERPILLAR, INC.

CITY OF RALEIGH

EATON CORPORATION

FOOD LION INC(Hope Mills)

FRANKLIN BAKING COMPANY LLC

GUILFORD MILLS INC

HANSON AGGREGATES (Bailey1)

HANSON AGGREGATES (Bailey2)

HANSON AGGREGATES (Bailey3)

HANSON AGGREGATES (Bunn Level)

HANSON AGGREGATES (Erwin)

HANSON AGGREGATES (Holly Springs)

HANSON AGGREGATES (Princeton1)

HANSON AGGREGATES (Princeton2)

HANSON AGGREGATES (Princeton3)

HANSON AGGREGATES (Princeton4)

HANSON AGGREGATES (Princeton5)

HANSON AGGREGATES (Raleigh)

HANSON AGGREGATES (WakeForest1)

HANSON AGGREGATES (WakeForest2)

HANSON AGGREGATES (WakeForest3)

HANSON AGGREGATES (WakeForest4)

HIGHWOODS REALTY LP

LOWER CAPE FEAR WATER & SEWER

AUTHORITY

MURRAY INVESTMENT CO

NATVAR

NC EDUCATION LOTTERY

OXFORD UNIVERSITY PRESS INC

PEPSI BOTTLING VENTURES LLC

PEPSI BOTTLING VENTURES LLC

PLASTICS INGENUITY

POLYSI TECHNOLOGIES

REDDY ICE CORP(Raleigh)

SANFORD LEE CO BD OF ED

SANFORD LEE CO BD OF ED

SANFORD LEE CO BD OF ED

ST JOSEPH OF PINES INC

ST JOSEPH OF PINES INC

UNISON ENGINE COMPONENTS INC

US FLUE CURED TOBACCO GROWERS

US FLUE CURED TOBACCO GROWERS

03 FEDE CORED TODACCO GROWERS

US FLUE CURED TOBACCO GROWERS

US FLUE CURED TOBACCO GROWERS

US FLUE CURED TOBACCO GROWERS

US FLUE CURED TOBACCO GROWERS

US FLUE CURED TOBACCO GROWERS

WAKE COUNTY BOARD OF EDUCATION

WAKEMED CARY HOSPITAL

WIX FILTRAT CORP AFFINIA GROUP

ZIPTRONIX INC

Appendix C: Allocation Factors

Allocation Factors Applicable to Test and Prospective Periods:

| Program / Measure - (April 2010) | North Carolina |
|----------------------------------|----------------|
| Demand-Side Management (DSM) | |
| CIG DR | 86.16% |
| EnergyWise [™] | 86.16% |
| DSDR Implementation | 86.16% |
| Energy Efficiency Programs (EE) | |
| Res Home Advantage | 85.06% |
| Res Home Energy Improve. | 85.06% |
| Residential Low Income-NES | 85.06% |
| Residential Lighting | 85.06% |
| Res Appliance Recycling | 85.06% |
| Residential EE Benchmarking | 85.06% |
| Solar Hot Water Heating Pilot | 85.06% |
| CIG Energy Efficiency | 85.06% |
| CFL Pilot | 85.06% |

| Program / Measure - (May 2010 through April 2011) | North Carolina | | | |
|--|----------------|--|--|--|
| Demand-Side Management (DSM) | | | | |
| CIG DR | 85.89% | | | |
| EnergyWise™ | 85.89% | | | |
| DSDR Implementation | 85.89% | | | |
| Energy Efficiency Programs (EE) | | | | |
| Res Home Advantage | 85.41% | | | |
| Res Home Energy Improve. | 85.41% | | | |
| Residential Low Income-NES | 85.41% | | | |
| Residential Lighting | 85.41% | | | |
| Res Appliance Recycling | 85.41% | | | |
| Residential EE Benchmarking | 85.41% | | | |
| Solar Hot Water Heating Pilot | 85.41% | | | |
| CIG Energy Efficiency | 85.41% | | | |
| CFL Pilot | 85.41% | | | |

Appendix C - Continued

Allocation Factors Applicable to the Prospective and Rate Periods:

| Program / Measure - (May 2011 through November 2012) | North Carolina | | | |
|---|----------------|--|--|--|
| Demand-Side Management (DSM) | | | | |
| CIG DR | 86.49% | | | |
| EnergyWise™ | 86.49% | | | |
| DSDR Implementation | 86.49% | | | |
| Energy Efficiency Programs (EE) | | | | |
| Residential Home Advantage | 85.53% | | | |
| Residential Home Energy Improvement | 85.53% | | | |
| Residential Low Income-NES | 85.53% | | | |
| Residential Lighting | 85.53% | | | |
| Residential Appliance Recycling | 85.53% | | | |
| Residential EE Benchmarking | 85.53% | | | |
| Solar Hot Water Heating Pilot | 85.53% | | | |
| CIG Energy Efficiency | 85.53% | | | |
| CFL Pilot | 85.53% | | | |

Appendix D: Savings By Measure

Incremental Test Period Activity (April 1, 2010 through March 31, 2011)

| | No. of Premises | Annualized Values | | Avg per Premise/Measure | |
|--|-----------------|-------------------|------------|-------------------------|------------|
| _ | / Measures | kWh Savings | kW Savings | kWh Savings | kW Savings |
| EnergyWiseTM | | | | | |
| AC Direct Load Control | 33,698 | NA | 40,862 | NA | 1.21 |
| Water Heater Direct Load Control | 1,975 | NA | 1,583 | NA | 0.80 |
| HP Strip Heater Direct Load Control | 1,234 | NA | 1,236 | NA NA | 1.00 |
| EnergyWiseTM Total | 36,906 | NA | 43,681 | NA | 1.18 |
| CIG Demand Response | 35 | NA | 11,606 | NA | 331.60 |
| Residential Home Advantage | | | | | |
| ENERGY STAR | 1,458 | 2,624,400 | 806 | 1,800 | 0.\$5 |
| Heat Pump | 1,618 | 695,491 | 344 | 430 | 0.21 |
| Central AC | 214 | 11,869 | 5 | 55 | 0.02 |
| Geothermal Heat Pump | 36 | 5,643 | 5 | 157 | 0.13 |
| Residential Home Advantage Total | 3,326 | 3,337,403 | 1,159 | 1,003 | 0.35 |
| Residential Home Energy Improvement | | | | | |
| ASHP HVAC Replacement | 8,271 | 1,086,123 | 1,911 | 131 | 0.23 |
| Furnace/AC HVAC Replacement | 3,137 | 510,877 | 796 | 163 | 0.25 |
| Geothermal HVAC Replacement | 147 | 191,786 | 76 | 1,305 | 0.52 |
| Duct Testing/Repair | 4,100 | 209,326 | 331 | 51 | 0.08 |
| HVAC Level ! Tune Up | 10,652 | 562,426 | 28,253 | 53 | 0.05 |
| Insulation/Air Sealing | 761 | 647,483 | 229 | 851 | 0.30 |
| Window Replacement | 3,838 | 890,877 | 1,402 | 232 | 0.37 |
| HVAC Level 2 Tune Up | . 208 | 63,898 | 55 | 307 | 0.26 |
| Residential HEIP Total | 31,114 | 4,162,795 | 33,054 | 134 | 1.06 |
| L Amounts reflect M&V adjusted results | | | | | |
| Residential Low Income - NES | 4,360 | 1,765,808 | 270 | 405 | 0.06 |
| Residential Lighting Program | 3,853,459 | 83,602,791 | 7,916 | 22 | 0.00 |
| Residential Appliance Recycling | 8,139 | 5,034,845 | 586 | 619 | 0.07 |
| CIG Energy Efficiency | | | | | |
| Prescriptive Lighting | 338 | 24,807,102 | 6,208 | 73,394 | 18.37 |
| Prescriptive HVAC | 43 | 1,032,011 | 283 | 24,000 | 6.57 |
| Prescriptive Refrigeration | 9 | 440,825 | 18 | 48,981 | 1.95 |
| Custom Measure | 115 | 10,830,514 | 744 | 94,178 | 6.47 |
| Technical Assistance | 23 | NA | NA | NA | NA |
| CIG Energy Efficiency Total | 528 | 37,110,452 | 7,252 | 70,285 | 13.74 |
| Residential Solar Water Heating Pilot | 69 | 14,377 | 14 | 208 | 0.20 |

Appendix E: Total Resource Cost Evaluation Results

| • | | | |
|---|--|--|--|
| | | | |

| | TRC |
|---|-----------|
| Vintage Year 2010 (Calendar year 2010 - Actual) | B/C Ratio |
| CIG-DR | 18.805 |
| EnergyWise [™] | 6.573 |
| Residential Home Advantage | 1.455 |
| Residential Home Energy Improvement | 1.007 |
| Residential Lighting Program | 3.257 |
| Residential Appliance Recycling | 2.500 |
| CIG Energy Efficiency | 4.057 |

| | TRC |
|---|-----------|
| Vintage Year 2011 (Calendar year 2011 - Estimate) | B/C Ratio |
| CIG-DR | 30.474 |
| EnergyWise TM | 6.273 |
| Residential Home Advantage | 1.654 |
| Residential Home Energy Improvement | 1.145 |
| Residential Lighting Program | 3.419 |
| Residential Appliance Recycling | 2.506 |
| CIG Energy Efficiency | 4.312 |

Progress Energy Carolinas, Inc.

Demand Side Management and Energy Efficiency Programs

Workpapers

Docket No. E-2, Sub 1002

Workpapers

Section A – Cost Summary & Rate Development (Exhibits)

North Carolina Retail - DSM/EE Revenue Requirements Summary

| | | | | | | | | NOF | TH CAROLIN | A JURISDICTIO | NALLY ALLOCA | TEO RETAIL (| COSTS ONLY | | | | | | 1 |
|----|-------------------------------|--------------------|-------------|------------|-----------|------------------|---------------------------|------------------------------------|------------|---------------|------------------|---------------------------|-----------------------|-----------------|-------------|---------------------------|-----------|-----------|----------------------------------|
| A. | Test Period | | OSM | Insurance | | | | Amortization of Capitalized A&G | | DSDR Capital | | DSDR Property Taxes | DSDR (| arrying Costs - | on Carrying | Rev Regmt Before PPI & | | | Rev Regmt - With PPI 8 NLR |
| | April 2010 through March 2011 | • | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (B) | (9) | (10) | (11) | (12) | (13) | (14) | -4461 | -114 | (27) |
| | • | | | | | ECole! I)(Dru(3) | ((1) -(2))/ 10 | nya . | • • • | | | | | | • | EColo(S)thou(12) | W/P D-2 | W/FD1 | Cold 1-9 mul 169 |
| | NC DSM Program Expenses | | | | | | | | | | | | | | | • | | | • |
| 1 | CIG DR | Per Books | 963,393 | | • | 963,393 | 96,319 | • | 75,064 | 4 247 | 4 | Ţ. | | - | - | 171,403 | 3,636 | 56,356 | 231,396 |
| 2 | EnergyWise | Per Books | 8.434.872 | | | 8,438,872 | 843,887 | | 973,74 | | | | | | | 1,817,635 | 7,657 | 529,040 | 2,354,332 |
| 3 | Total DSM | T Lines 1 thru 2 | 9,402,265 | " SHE | • | 9,402,265 | 940,226 | - | 1,048,817 | Sec. 3. 6.3. | in and | يَان مالان | water I | - | - |),989,038 | 11,293 | 585,398 | 2,585,729 |
| 4 | OSM Assigned A&G and CCost | Per Saoks | | | 727,939 | 727,939 | | 242,646 | 264,498 | 1 45 | | ***** | 1.5° 4'4'1'54 | 696,445 | 257,573 | 1,461,162 | | | 1,461,162 |
| 5 | Total DSM, and Assigned Costs | I Lines 3 thru 4 | 9,402,265 (| اعتنا | 727,939 | 10,130,204 | 540,226 | 242,646 | 1,313,310 | | | | 4.0 | 696,445 | 257,573 | 3,450,200 | 11,293 | 585,396 | 4,046,891 |
| | NC ÉE Program Expanses | | | | | | | | | | | | | | | | | | |
| 6 | Res Home Advantage | Per Books | 1,079,525 | 4, , 4 | | 1,079,525 | 107,953 | - | 144,115 | | , the | 7 7 7 4 | 3 2 2 | | _ | 252,068 | 119,457 | 39,704 | 411,229 |
| 7 | Res Home Energy Improvem's | Per Books | 7,144,416 | ا ثر جد | | 7,144,416 | 714,442 | | 613,515 | 3.7. 2 | 7 | 2.0 | . "" | | - | 1,327,957 | 259,992 | 94,788 | 1,682,737 |
| | Residential Low Income | Per Books | 1,701,191 | . F | | 1,701,191 | 170,119 | | 124,452 | | 6 | | | | - | 294,571 | 184,571 | | 479,092 |
| 9 | CIG Finergy Efficiency | Per Books | 6,273,566 | E facility | - | 6,273,566 | 627,357 | | 646,731 | | · Cor. " " misse | | W. C | - | | 1,274,088 | 1,569,479 | 744,743 | 3,588,310 |
| 10 | Solar Hot Water Priot | Per Sooks | 169,701 | | - | 159,701 | 16,970 | | 16,852 | 7 5 | Arrian Table | 4 6 4 6 | | | - | 33,822 | | | 33,822 |
| 11 | . Residential Lighting* | Per Banks | 5,687,745 | | | 5,687,745 | 1,137,549 | | 629,621 | | * | | 7 - 23 | - | - | 1,767,170 | 2,919,533 | 444,198 | 5,130,499 |
| 12 | Res Appleance Recycling | Per Books | 1,184,094 | 4 | • | 1,184,094 | 118,409 | | 31,431 | 1 mg | ் வீட | 16 | ani | - | - | 149,840 | 124,696 | 22,269 | 256,805 |
| 13 | EE Benchmarking* | Per Books | 129,149 | 37 3 | | 129,149 | 129,149 | | - | . 1 | 37 1 174 | in the state of the | l'ji | | | 129,149 | - | - | 129,149 |
| 14 | Home Depot CFL | Per Books | | * * * | | | <u> </u> | | 34,012 | | | | 9 · Carl | | • | 34,012 | | <u> </u> | 34,012 |
| 15 | Total EE | I Leves 6 thru 14 | 23,369,387 | 7.3 | - | 23,369,387 | 3,021,948 | • | 2,240,729 | k. 3 % | | T | | - | - | 5,262,677 | 5,177,677 | 1,345,702 | 11,786,056 |
| 16 | EE Assigned A&G and CCost | Per Books | | Car Carrie | 1,367,155 | 1,367,155 | | 455,718 | 750,296 | 1. " t | 产 50 特别 2 | #4.7 | * 0- , - ".p#" | 1,277,964 | 473,574 | 2,957,552 | | | 2,957,552 |
| 17 | Total EE and Assigned Costs | E Lines 15 thru 16 | 23,369,387 | | 1,367,155 | 24,736,542 | 3,021,948 | 455,718 | 2,991,075 | | | 4 6 7 | 44.45 | 1,277,964 | 473,574 | 8,720,229 | 5,177,677 | 1,345,702 | 14,743,608 |
| | NC DSDR Program Expenses | | | | | | | | | | | | | | | | | | |
| 18 | OSDR Program | Per Books | 4,431,039 | 179,366 | - | 4,810,405 | 481,041 | | 754,874 | 4,812,235 | 1,872,439 | 182,402 | 3,124,910 | | | 11,227,901 | - | - | 11,227,901 |
| 19 | DSDR Assigned A&G and CCost | Per Books | | | 71,332 | 21,332 | | 7,111 | 759,455 | | | | | 459,140 | 169,551 | 1,395,257 | | | 1,395,257 |
| 20 | Total DSDR and Assigned Costs | I (ines II thru 19 | 4,431,039 | 379,366 | 21,332 | 4,831,737 | 481,041 | 7,111 | 1,514,329 | 4,812,235 | 1,872,439 | 182,402 | 3,124,910 | 459,140 | 269,551 | 12,423,150 | | • | 12,623,158 |
| 21 | Test Period Totals | Lines 5 + 17 + 20 | 37.207,691 | 379,366 | 2,116,426 | 39,698,483 | 4,443,215 | 705,475 | 5,818,664 | 4,812,235 | 1,872,439 | 182,402 | 3,124,910 | 2,433,549 | 900,698 | 24,293,587 | 5,188,969 | 1,931,100 | 31,413,657 |
| | - | | | | | | - | | | | | | | | | | | | |

| В. | Prospective Peri | iod | | | A&G | Capitalized | Amortization of | Amortization of | Prior Period | DSDR Capital | Income Taxes on DSDR | DSDR Property | DSDR | Carrying Costs | Income Taxes | Rev Regmt Before PPI 8 | | Program Performance | Rev Regmi |
|-----|--|--------------------|------------|------------------|-------------|------------------|------------------------|-----------------|---------------------|----------------|-------------------------|------------------|---|----------------------|--------------|---------------------------|-----------------------|---------------------|-------------------|
| | April 2011 through July 2012 | | OSM : | Insurance (2) | Expense (3) | (4) | Eapitalized O&M (5) | (6) | Amortization (7) | Costs (a) | Capital Costs | (10) | Depreciation (11) | Net of Taxes (12) | (13) | (14) | Recoupment v. (15) | (16) | PPI & NIR (17) |
| | DUT ON THE STATE OF THE STATE O | | | | | SCalul ()thru(3) | £1)+(2)0/10 | (alica | | | | | | • | | ECoto(S)stru(13) | W/7 D-2 | | 20m(14thm(16) |
| | NC DSM Program Expenses CIG DR | Per forecast | 840,397 | - TOTAL | | 840,397 | DM.M8 | | | 12.5 | 100 | | * *** | 1 _ | _ | 84,040 | ~ | _ | 84,040 |
| • | EnergyWise | Per Forecast | 3,507,954 | · - 1 | | 1.507.958 | 350,796 | | | 13 February 18 | The same | 5 7 7 1 | A 1.3 V | | - | 350,796 | | | 150,796 |
| | Total DSM | E Unes 2 thru 2 | 4,348,355 | | | 4.341.355 | 434,836 | | | 1 | | | 7.5 | | | 434,836 | | | 434,836 |
| - 4 | DSM Assigned A&G and CCost | Per Books | | 3.5.1 | 307.296 | 307,296 | , | 102,432 | | 4 | g- 7 t | | | 345,396 | 133 478 | 581,306 | | | 581,306 |
| 5 | Total DSM and Assistned Costs | E Lines 3 theu 4 | 4,348,355 | ψ, | 307,296 | 4,655,651 | 434,836 | 102,432 | | P 2 4 4 | THE PROPERTY. | <u>. 1 8 </u> | | | 133,478 | 1,016,142 | - | . | 1,016,142 |
| - | | - | | | | | - | • | | | | | | | - | | | | |
| | NC EE Program Expenses | | | | | | | | | | | | • | | | | | | |
| 6 | Res Home Advantage | Per forecast | 409,101 | 34. | - | 409,101 | 40,910 | | | 17 | | . \ | 1.0 | - | - | 40,910 | 75,250 | - | 116,160 |
| 7 | Res Home Energy Improvem't | Per Forecast | 1,928,089 | 3 / 1 | | 1,928,039 | 192,809 | • | | [\$-7 | Estimated Value | | Y | - | - | 192,809 | 169,220 | - | 362,029 |
| | Residential Low Income | Per Forecast | 570,130 | e 1 | • | 570,130 | \$7,013 | - | | 5 | Section will | |)" . ₊ | - | - | 57,013 | 110,135 | • | 167,148 |
| 9 | CIG Energy Efficiency | Per forecost | 2,165,329 | * 4 | - | 2,165,329 | 216,533 | - | | F*1 | replaced by a | | 1. | - | - | 216,533 | 850,689 | - | 1,067,222 |
| 10 | Solar Hot Water Priot | Per Farecast | 56,614 | 7 / 1 | - | 56,614 | 5,661 | • | | Læ.A | values prior | | 4. 74 | - | • | 5,661 | | - | 5,661 |
| 11 | Residential Lighting* | Per Forecest | 1,864,760 | | - | 1,864,760 | 372,952 | - | | [F \ | hearing da | te / | A | | - | 372,952 | 1,778,086 | - | 2,151,038 |
| 12 | Res Appliance Recycling | Per Forecost | 548,320 | - | - | 548,320 | 54,832 | - | | 1-:- | | | 2 . | - | • | 54,832 | 106,451 | - | 161,783 |
| 13 | EE Benchmarking" | Per Forecost | 269,006 | 7 1 | | 269,006 | 269,006 | | | 1.75 | | 1.50 | 7. 3 | | | 269,006 | 115,643 | | 324,649 |
| 14 | Harne Depot CFL | Per Forecast | | 44 13 | | | | <u> </u> | | | a | | 2 m 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | - | • | | | <u> </u> | <u>-</u> _ |
| 15 | · · · · · · · | I lines 6 thru 14 | 7,811,349 | • 4 | • | 7,811,349 | 1,209,716 | | | - | | | * | | | 1,209,716 | 3,205,473 | • | 4,415,189 |
| 16 | EE Assigned A&G and CCost | Per Forecast | | | 557,846 | 557,846 | | 185,549 | | | ~ | | | 692,547 | 267,634 | 1,146,130 | | | 1,146,130 |
| 17 | 7 Total Et; and Assigned Costs | E Lines 15 thru 16 | 7,811,349 | لتستن | 557,846 | 8,369,195 | 1,209,716 | 185,949 | | 1 . T . T | | - 10 - 10 - | | 692,547 | 267,634 | 2,355,846 | 3,205,473 | • | 5,561,319 |
| | NC DSDR Program Expenses | | | | | | | | | | | | | | | | | | |
| 11 | DSDR Program | Per Forecast | 2,024,439 | 172,094 | _ | 2,196,533 | 219,653 | _ | | 2,132,100 | 1,079,238 | 98,450 | 1,465,422 | | | 4,994,863 | | | 4,994,863 |
| 19 | DSDR Assigned A&G and CCost | Per Forecast | -,444,744 | 212,034 | | -,, | | | | -,, | 2,35 2,222 | -2,-30 | -, -52,-44 | 198,167 | 76,581 | 274,748 | | | 274,748 |
| × | Total DSDR and Assigned Costs | I Unes 18 thru 19 | 2,074,439 | 172.094 | | 2,196,533 | 219,653 | | | 2,132,100 | 1,079,238 | 98,450 | 1,465,422 | 191,167 | 76,581 | 5,269,611 | - - | | 5,269,611 |
| | | | | | | | | | | | | - 24 | | | | | _ | | |
| 22 | 1 Prospective Period Totals | Lines S + 17 + 20 | 14,184,143 | 172,094 | B65,142 | 15,221,379 | 1,864,205 | 788,381 | | 2.132,100 | 1,079,238 | 98,450 | 1,465,422 | 1,236,110 | 477,693 | 8,641,599 | 3,205,473 | - · | 11,847,072 |

NORTH CAROLINA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY

^{*} Residential Lighting is recoverable over a 5 year period. EE Benchmarking program is recoverable over a 1 year period. All other EE programs are over 10 years.

North Carolina Retail - DSM/EE Revenue Requirements Summary

| C. | Prior Prospectiv | e Period | | | And | Captalland | Amortization of | Magazina da en esta. | | OSOR Capital | Income Taxes | DSDR Property | DSDR - | | | Rev Regmi ; Before PPI & ; | Net Lost . | Program - | Rev Regnt |
|----|---------------------------------|--------------------|------------|---------------|-------------|-----------------------|---------------------|----------------------|-----|------------------------|--|------------------|--|------------------|---------------------|-------------------------------|---------------------|-------------|----------------------------|
| | April 2010 through July 2010 | | SPORM DE | Insurance *** | Expense (3) | | Capitalizad O&M - C | apitalized A&G - 5. | _ | Costs | Capital Costs 1 | (10) | Oppression (11) | Net of Taxes (2) | / Coli / 20 (13) | NUR 73 | Recoupment | | PPI & NIR 3 |
| | While Spring range and 5010 | | (1) | 127 | (3) | [4] [Cols(1)Hvu(3) | (5) ((1)+(2))/10 | (3)/3 | (7) | (8) | (9) | 1109 | (14) | 1227 | 113) | (14) 2Colq5j@n4(13) | (15) | (10) | (17) 2Colu(14)(hruf 16) |
| | NC OSM Program Expenses | | _ | | | • | | | | | . | | | | | | | | |
| 1 | CIG DR | Per Books | 225,714 | 4 | | 225,718 | 22,572 | • | | 1 | | , T. | | - | - | 22,572 | - | - | 22,572 |
| 2 | EnergyWise | Per Books | 2,794,286 | | | 2,794,286 | 279,429 | <u> </u> | _ | <u> </u> | | . , | | - | | 279,429 | <u> </u> | | 279,429 |
| 3 | Total DSM | Elines I thru 2 | 3,020,004 | | • | 3,020,004 | 302,001 | • | | | و المناولات | | | • | - | 302,001 | - | - | 302,001 |
| 4 | DSM Assigned A&G and CCost | Per Books | | 7 | 231,626 | 231,626 | _ | 77,209 | | <u> </u> | | <u> </u> | T 17 \$14 \$ | 173,867 | 62,992 | 314,068 | | | 314,068 |
| 5 | Total DSM and Assigned Costs | 7 (ines 3 thru 4 | 3,020,004 | | 231,626 | 3,251,630 | 302,001 | 77,209 | | ومعتفتها | and the same of th | | لننسحت | 173,867 | 62,992 | 616,069 | - | • | 616,069 |
| | NC EE Program Expenses | | | | | | | | | | | 1 | | | | | | | |
| - | Res Home Advantage | Per Books | 356,583 | | _ | 356,583 | 35,658 | _ | | r . / | | | / | _ | _ | 35,658 | 19,281 | | 54,939 |
| , | Res Home Energy Improvem's | Per Books | 2,174,615 | 2 . | _ | 2.174.615 | 217,462 | - | | | Values from E | vans | $\Lambda \sim 1$ | - | _ | 217,462 | 130,516 | | 347,978 |
| | Residential Low Income | Per Books | 510,132 | | _ | 510,132 | 51,013 | | | 11 1 | levised Supple | mental | _ \ ::1 | | _ | 51.013 | 38.611 | | 89,624 |
| | CIG Energy Efficiency | Per Books | 1,734,152 | 1, etc., | | 1,734,152 | 173,415 | | | | xhibit No. 1, pa | ige 1 of | | | - | 173,415 | 344,053 | | \$17,46E |
| 10 | Solar Hot Water Pilot | Per Books | 38,032 | | | 38,032 | 3,803 | | | ''\ 3 | , filed in Docke | t No, E- | 1.1 | | | 3,803 | 344,000 | | 3,803 |
| 11 | Residential Lighting" | Per Books | 2,157,704 | 2012 | | 2.157,704 | 431,541 | | | ŁA | 2, Sub 97 | 7 | ji fisi s | _ | | 431,541 | 385,327 | | 816,868 |
| 12 | Res Appliance Recycling | Per Books | | | - | 739,144 | 23.914 | | | | | | 1.25 | - | _ | 23,914 | 10.318 | | 34,232 |
| 13 | EE Benchmarking* | Per Books | | ٠٠٠٠ | _ | | | | | | | | · + | | | | | | -, |
| 14 | Home Depot CFL | Per Books | . 1 | 7.7.1 | | | | | | | _ | | ************************************** | - | - | | | | - |
| 15 | Total EE | I Lines 6 thru 14 | 7,210,367 | *2+1 | | 7,210,362 | 936.806 | | | The State of the Later | 49 445 | | | - | | 934,806 | 928,107 | | 1,864,913 |
| 16 | EE Assigned A&G and CCost | Per Books | , | **** | 434,280 | 434,280 | | 144,760 | | TARE . | 7 to 6 2.782mg | | | 293,433 | 106,494 | 544,687 | | | 544,687 |
| 17 | Total EE and Assened Costs | I Lines 15 thru 16 | 7,210,362 | | 434,280 | 7,644,642 | 936,806 | 144,760 | | 1 | 4 - 1 | | | 293,433 | 106,494 | 1,481,493 | 9 28,107 | - | 2,409,600 |
| | NC OSDR Program Expenses | | | | | | | | | | | | | | | | | | |
| | DSDR Program Expenses | Per Books | 1,859,782 | 100.202 | _ | 1,959,984 | 195,998 | _ | | 1.294,277 | \$ 9 7.146 | 48,251 | 705,066 | | | 2.840.738 | _ | _ | 2,840,738 |
| 18 | DSDR Assigned A&G and CCost | Per Books | 4,837,102 | 200,242 | 24.339 | 24.339 | 127,790 | B.113 | | 2,274,277 | 437,140 | -6,231 | , 67,000 | 127.233 | 46.097 | 181,443 | - | • | 161,443 |
| 19 | Total DSDR and Assigned Costs | E Lores 18 thru 19 | 1,859,782 | 100,207 | 24,339 | 1,984,323 | 155,992 | 8,113 | | 1,294,277 | 597,146 | 48,251 | 705,066 | 127,233 | 46,097 | 3,022,181 | | | 3,022,181 |
| 20 | Intel hank dein vroduen CDID | 2 Unit 3 44 CMU 25 | 1,030,782 | 100,207 | 44,333 | 1,500,323 | 432,336 | 0,113 | | 2237411 | 397,240 | -0,232 | 143,440 | 227,233 | 40,007 | 3,022,181 | • | - | 5,022,161 |
| 21 | Prior Prospective Period Totals | tues 5 • 17 • 70 | 12,090,148 | 100,207 | 690,245 | 12,880,595 | 1,434,805 | 230,082 | | 1,294,277 | 597,146 | 48,251 | 705,066 | 594,533 | 215,583 | 5,119,743 | 528,107 | - | 6,047,850 |
| | | | | | | | | | | | | | | | | | | | |

D. EMF Revenue Requirements

Test Parind + Prospective Perind - Prior Prospective Period

| | Aug 2010 through July 2011 | |
|----|-------------------------------|--------------------|
| | NC DSM Program Expenses | |
| 1 | CIG DA | Sections A • B • C |
| 2 | EnergyWise | Sections A + B - C |
| 3 | Total DSM | Σ Lines 1 thru 2 |
| 4 | DSM Assigned A&G 4nd CCost | Per Books |
| 5 | Total DSM and Assigned Costs | I Lines 3 thru 4 |
| | NC EE Program Expenses | |
| 6 | Res Home Advantage | Sections A • 8 • C |
| 7 | Res Home Energy Improvem's | Sections A • B • C |
| | Residential Low Income | Sections A + B - C |
| 9 | CIG Energy Efficiency | Sections A + B - C |
| 10 | Solar Hot Water Prior | Sections A + 8 - C |
| 11 | Residential Lightleg* | Sections A • B • C |
| 12 | Res Applance Recycling | Sections A + B - C |
| 13 | EE Benchmarking* | Sections A • B • C |
| 14 | Home Depot CFL | Sections A + B - C |
| 15 | Total EE | I Lines 6 thru 14 |
| 16 | EE Assigned A&G and CCost | Per Books |
| 17 | Total EE and Assigned Costs | I Loves 15 thru 16 |
| | NC DSDR Program Expenses | |
| 10 | DSDR Program | Sections A • B • C |
| 19 | DSDR Assigned A&G and CCost | Per Books |
| 20 | Total DSDR and Assigned Costs | 1 Lines 18 thru 19 |
| 21 | ENAF Period Totals | Lines S + 27 + 20 |

| | | | | | NC | RTH CAROLIN | A JURISDICTI | ONALLY ALLOCA | TED RETAIL | COSTS ONLY | | | | | | $\overline{}$ |
|---|---|--------------------|---|--|---------------------------------|--|-----------------|---|---------------------|------------------------|----------------------|-----------------------------|--|--|----------------------------------|--|
| | | A&G | Capitalized | Amortization of | | Prior Period | DSDR Capital | | DSDR Property | DSOR | Carrying Costs | Income Taxes on Carrying | Rev Regmt Before PPI & | | Program Performance | Rev Regmt 7 With |
| (I) | (2) | (3) | OBM and ABG (4) ZCob(1/mm/3) | (S) (I)-(B)/II | Capitalized ASIG (6) (3)0 | Amortization . | (8) | Capital Costs (9) | (10) | , Depreciation (11) | Het of Taxes (12) | (13) | (14) ZColqSyBru(13) | Recoupment (15) | (16) | , PPI & NUR. (27) ZCon(14pmu(10) |
| 1,578,072 9,152,544 | | - | 1,578,072 9,152,544 | 157,807 915,254 | <u>.</u> | 75,064 973,748 | * 3 | 71. | | ₽ 7. P P | <u>-</u> | | 232,871 1,889,002 | 3,636 7,657 | 56,358 529,040 | 292,864 2,425,699 |
| 10,730,616 | [; ;] | • | 10,730,616 | 1,073,061 | | 1,048,812 | [<u></u> | " • <u> </u> | - 4 | ** | | | 2,121,873 | 11,293 | 585,398 | 2,718,564 |
| 10,730,616 | <u> </u> | 803,609 803,609 | 803,609 11,534,225 | 1,073,061 | 267,869 267,869 | 264,498 1,313,310 | | Section 1 | 1 | | 867,974 867,974 | 328,059 328,059 | 1,728,400 3,850,273 | 11,293 | 545,391 | 1,728,400 4,446,964 |
| 1,132,043 6,897,890 3,763,189 6,704,743 188,283 | 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | : | 1,132,043 6,897,890 1,761,189 6,704,743 188,283 | 113,205 689,789 176,119 670,475 18,828 | : | 144,115 613,515 124,452 646,731 16,852 | | Section D Valu sum of Section Section B Valu Section C V | n A and les Less | | - - - | : | 257,320 1,303,304 300,571 1,317,206 35,680 | 175,425 298,696 256,045 2,076,115 | 39,704 94,788 - 744,743 | 472,449 1,896,788 356,616 4,138,064 35,680 |
| 5,394,801 | F | - | 5,394,801 | 1,078,960 | - | 629,621 | . : | | | 1.70 | | - | 1,708,581 | 4,312,290 | 444,198 | 6,465,069 |
| 1,493,270 | | - | 1,493,270 | 149,377 | • | 31,431 | 7 . | | _/ | | | - | 180,758 | 220,878 | 22,269 | 423,855 |
| 394,155 | ∤ : | • | 398,155 | 398,155 | • | • | · · · · · · · · | | |] | Ī | | 398,155 | 115,643 | • | \$13,798 |
| | <u> უ. </u> | | | | <u> </u> | 34,012 | 1 | | - *: | - | - | | 34,012 | | | 34,012 |
| 23,970,374 |]~i }* # ·] | 1,490,721 | 23,970,374 1,490,721 | 3,294,858 | 496,907 | 2,240,729 750,296 | 2.3 | | r . | 15 6 1 | 1,677,078 | 634,714 | 5,535,587 3,558,995 | 7,455,043 | 1,345,702 | 14,336,332 3,558,995 |
| 23,970,374 | | 1,490,721 | 25,461,095 | 3,294,858 | 495,907 | 2.991.025 | t bit | · · · · · · · · · · · · · · · · · · · | F 5 1.4 | . 1 441 | 1,677,078 | 634,714 | 9,094,582 | 7,455,043 | 1,345,702 | 17,895,327 |
| 4,595,696 | 451,258 | (3,007) | 5,046,954 (3,007) | 504,696 | (1,002) | 754,874 759,455 | 5,650,058 | 2,354,531 | 232,601 | 3,885,266 | 530,074 | 200,035 | 13,342,026 1,486,562 | : | - | 13,382,026 1,488,562 |
| 4.595.696 | 451,258 | (3,007) | 5,043,547 | 504,696 | (1,002) | 1,514,329 | 5,650,058 | 2,354,531 | 237,601 | 3,885,266 | 530,074 | 200,035 | 14,870,588 | | | 14.070,588 |
| 39,796,686 | 451,258_ | 7,291,323 | 42,039,267 | 4,872,615 | 763,774 | 5,818,664 | 5,650,051 | 2,354,531 | 732,601 | 3,105,266 | 3,075,126 | 1,162,808 | 27,815,443 | 7,466,335 | 1,931.100 | 37,212,878 |

NORTH CAROUNA JURISDICTIONALLY ALLOCATED RETAIL COSTS ONLY

^{*} Residential Lighting is recoverable over a 5 year period. EE Benchmarking program is recoverable over a 1 year period. All other EE programs are over 10 years.

North Carolina Retail - DSM/EE Revenue Requirements Summary

| | | | | | | | | NO | RTH CAROUN | A JURISDICTIO | MALLY ALLOCA | ATED RETAIL | COSTS ONLY | | | | | | |
|-----|---|------------------------------|------------------------|-------------|------------|------------------------|--------------------|----------------|----------------------|----------------------|---|--|--|-----------|--------------|-------------------------------|--------------------|---------------|-------------------------|
| F | Rate Period | | 31.2 5 5 | 遊標 海岸 | 31.50 | 1. 未产。 | 医医抗脓性 | 医波思 極紫 | 15 1 V | 表示。因为 | Income Taxes | | 练紧锁的 | (高温水) | Income Taxes | | Nettast (| Frogram | f Rev Regnit [|
| | nate i ciloa | | | 医抗足术 | A8 G | Contailed | Amortization of A | mortization of | Prior Period | | on DSDR | | | | on Carrying | Before PPIE. NIR: | Revenue | Performance o | |
| | | | (1) | (2) | (3) | (4) | | | Amortization | (10) | Capital Costs 3 | (12) | (13) | (24) | (15) | (16) | (17) | (18) | (19) |
| | December 2011 through November | 2012 | 14/ | (2) | 13/ | EColof ((Datus)) | (5) #15+12W10 | (6) (3)/3 | | 1209 | (11) | 1249 | 11-39 | 1249 | | ECulu(Sidens) (Si | 1277 | 1107 | (43) ECab(10)Ans(10) |
| | HC DSM Program Expenses | | | | | | 11-7-14-1- | 144 | | | | | | No | vB) | | | | 20-1-1-1-1-1 |
| 1 | CIG DR | Per Forecast | 7,669,214 | | | 2,669,214 | 766,971 | | 732,871 | 2 6 ps 20 1, 4. | | 3.8 | 11 | <u> </u> | | 499,792 | - | 174,272 | 674,064 |
| 3 | EnergyWise | Per Forecost | 10.965.243 | <u> </u> | - | 10,965,243 | 1,096,524 | - | 1,889,002 | , 3° 8° 44 | J | | ***** | _ | - | 2,985,526 | _ | 921,024 | 3,906,550 |
| 3 | Total DSM | I times I thru 2 | 13,634,457 | 3 | - | 13,634,457 | 1,363,445 | | 2,121,873 | | | 1,194 | | - | - | 3,485,318 | - | 1,095,296 | 4,580,614 |
| 4 | DSM Assigned A&G and CCost | Per Books | } | | \$24,874 | 824,874 | | 274,958 | 554,278 | | • | | , · | 1,645,772 | 636,008 | 3.111,016 | | | 3,111,016 |
| 5 | Total DSM and Assigned Costs | I Lines 3 thru 4 | 13,634,457 | | 824,874 | 14,459,331 | 1,363,445 | 274,958 | 2,676,151 | * ' | - · · · · · · · · · · · · · · · · · · · | | <u> </u> | 1,645,772 | 636,006 | 6,596,334 | - | 1,095,296 | 7,691,630 |
| | | | | | | | | | | | | | | | | | | | |
| _ | NC EE Program Expenses | | | | | | | | E | | 1. 1. 20. 4 | | The Residence of the Local Division in the L | | | | 505 555 | | |
| - 5 | Res Home Advantage | Per Forecast | 1,773,681 | , | • | 1,773,681 | 177,368 | • | 257,320 | *** | * ~ ~ | " # . " · · · | | - | • | 434,688 | 307,326 | 101,860 | 923,874 |
| 7 | Res Home Energy Improvem't | Per Forecast | 6,806,250 1,704,312 | | - | 6,806,150 1,704,312 | 680,615 170,431 | • | 1,303,304 300,571 | | 1.34 | | | - | • | 1,9 £3, 919 471.002 | 810,277 529.001 | 206,327 | 3,000,523 |
| - 5 | Residential Low Income | Per Forecast | 7,183,355 | | | 7,183,355 | 718,336 | • | 1,317,206 | | 5 P1, | | · • . 1 | - | - | 2,035,542 | 4.031.063 | 1.591.674 | 1,000,003 |
| | CIG Energy Efficiency | Per Forecast | 7,161,337 | | _ | 1,143,333 | 110,130 | • | 35,680 | | المالحة الأراقي وم | ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠, ٠ | _ • • • • | - | - | 2,035,542 35,680 | | 1,331,674 | 7,658,280 35,680 |
| 10 | Solar Hot Water Priot | Per Forecost | 4,838,551 | 動み ** | • | 4,838,561 | 967,712 | • | 1,700,581 | Water and the same | | * * · · · · · · · · · · · · · · · · · · | اللا حق ال | _ | - | 2,676,293 | 8,739,563 | 923.815 | 33,600 12,339,671 |
| 11 | Residential Lighting* Res Appliance Recycling | Per Forecast Per Forecast | 1,749,585 | | • | 1,749,585 | 174.959 | | 180,758 | | * 4 1 | . " # | * E | • | | 355,717 | 660,620 | 58.251 | 1.074.588 |
| 12 | | Per Forecast | 794,222 | | • | 796,222 | 796,222 | • | 100,730 | £100 | | | 7 E. | • | | 796,222 | 693,292 | 55,107 | 1,544,621 |
| 43 | Home Depot CFL | Per Forecost | /74,222 | 14 · | _ | 134,242 | 790,222 | | 34,012 | | ري آهنا | | | _ | _ | 34,012 | 023,232 | 33,003 | 34,012 |
| 15 | • | I Lines 6 thru 14 | 24,851,866 | - | — <u>:</u> | 24,651,866 | 3,685,643 | | 5,137,432 | | 94.4 | | <u> </u> | | | 8,823,075 | 15,851,143 | 2,937,035 | 27,611,253 |
| 16 | EE Assigned A&G and CCost | Per Farecast | 24,252,444 | ik 1 | 1,495,531 | 1,495,531 | 3,003,043 | 498.510 | 499,657 | 化催化剂 | \$ 4.5 | * | | 3.075,817 | 1.188.646 | 5,662,632 | 13,032,043 | 1,551,400 | 5,662,632 |
| 17 | Total EE and Assisted Costs | I Lines 15 thru 16 | 24,851,866 | آمان ا | 1,495,531 | 26,347,397 | 3,685,643 | 498,510 | 6,037,089 | 17 1 | k. 1 | LW Lot ori | أاخت | 3,075,817 | 1,188,648 | 14,485,707 | 15,851,143 | 2,937,035 | 33,273,885 |
| | | | • | | | | | | | | Not | | | | | | | | |
| | NC DSOR Program Expenses | | | | | | | | | | | | | | | | | | |
| 11 | OSDR Program | Per Forecost | 7,421,069 | 809,246 | | 8,230,315 | 223,032 | - | 1,259,570 | 9,379,703 | 4,747,867 | 456,740 | 7,108,591 | | | 23,775,503 | - | • | 23,775,503 |
| 19 | DSDR Assigned A&G and CCost | Per Forecast | | | | <u>-</u> _ | | | 63,917 | | | | | 943,839 | 364,746 | 1,392,502 | | | 1,392,502 |
| 50 | Total DSDR and Assigned Costs | I imes IS thru IS | 7,421,069 | 809,246 | • | 2,230,315 | 823,032 | - | 1,343,487 | 9,379,703 | 4,747,867 | 456,740 | 7,108,591 | 943,839 | 364,746 | 25,168,005 | - | | 25,168,005 |
| , | Rate Period Totals | Lmes 5 + 17 + 20 | 45,907,392 | 809,246 | 2,320,405 | 49,037,043 | 5,872,120 | 773,468 | 10,056,727 | 9,379,703 | 4,747.867 | 456,740 | 7,108,591 | 5,665,428 | 2,189,402 | 46,250,046 | 15,851,143 | 4,032,331 | 66,133,520 |
| 2.1 | I DESCRIPTIONS | | 75,500, 232 | 007,579 | ,,,,,,,,,, | 40,00 | 2,012,020 | 110/448 | | *,= · <u>-1</u> · 44 | 7,171,091 | 700,170 | · <u> -</u> -/ | 2,000,760 | | 44,00,040 | ,, | 7 | 00,000,000 |

^{*} Residential Lighting is recoverable over a 5 year period. CE Benchmarking program is recoverable over a 1 year period. All other EE programs are over 10 years.



(A)-DSDR Capital Costs - Pursuant to E-2 Sub 931 Order issued June 15, 2009 the DSDR capital plant balance net of depreciation and taxes accrues a return based on the then-current capital structure, embedded cost of preferred stock, embedded cost of debt of PEC (net of appropriate income taxes), and the cost of common equity approved in the PEC's most recent general rate case. The associated impact to income taxes is also calculated to reflect the necessary recoveries of income taxes. The capital cost return is not subject to compounding.

(8) - Carrying Costs - Pursuant to NC R8-69 the balance in the deferral account, net of deferred income taxes, accrues a return at the net-of-tax rate of return approved in PEC's most recent general rate proceeding. The associated impact to income taxes is also calculated to reflect the necessary recoveries of income taxes. The carrying cost return is not subject to compounding.

Annual Sales for NC Customers Opting-Out for DSM/EE Rate¹
Annual Sales for the Year Ended March 31, 2011

| | W/P R-3 |
|---------------------|----------------|
| Rate Class | Opt-Out KWHs |
| Residential | - |
| General Service | 10,952,780,436 |
| Lighting | |
| Total Opt-Out Sales | 10,965,387,377 |
| | |

¹ Actual Opt-Out volumes for the twelve-months ending March 31, 2011.

Energy Allocation Factors - Applicable to EE Program Costs

North Carolina Rate Class Energy Allocation Factors

| | Total NC Rate Class Sales (MWhrs) ⁽¹⁾ | Opt-Out Sales ⁽²⁾ | Adjusted NC Rate Class MWHr Sales | Rate Class Energy Allocation Factor |
|-----------------|---|------------------------------|--------------------------------------|-------------------------------------|
| Rate Class | (1) | (2) | (3) = (1) - (2) | (4) = (3) / NC Total in Column 3 |
| Residential | 15,449,253 | - | 15,449,253 | 57.31% |
| General Service | 22,013,765 | 10,952,780 | 11,060,984 | 41.03% |
| Lighting | 461,176 | 12,607 | 448 <u>,5</u> 69 | 1.66% |
| NC Retail | <u>37.924,</u> 193 | 10,965,387 | 26,958,806 | 100.00% |
| | W/P B-1 | | | |

- (1) Total NC Rate Class Sales (MWHrs) are for the forecasted year ended November 2012.
- (2) Opt-Out sales are provided in Evans Direct Exhibit No. 2. Since sales are not forecasted by individual customer, historic opt-out sales are assumed to be unchanged during the rate recovery period.

Demand Allocation Factors - Applicable to DSM Programs

North Carolina Rate Class Demand Allocation Factors

| Rate Class | Total NC Rate Class Sales (1) (1) | Sales Subject to Opt-Out (2) (2) | Rate Class Demand (3) (3) | Revised Rate Class Demand (4) = ((1 - 2) / 1) * 3 | Rate Class Allocation Factor (5) = (4)/Total of Column 4 |
|--|-----------------------------------|----------------------------------|----------------------------|--|--|
| Residential | 15,449,253 | 0 | 3,873,788 | 3,873,788 | 66.41803% |
| General Service | 22,013,765 | 10,952,780 | 3,898,133 | 1,958,647 | 33.58197% |
| Lighting | 461,176 | 12,607 | 0 | 0 | 0.00000% |
| NC Retail | 37,924,193 | 10,965,387 | 7,771,920 | 5,832,434 | 100.00000% |
| the property of the second | W/P B-1 | | W/P B-5B | to the second se | |

- (1) Total NC Rate Class Sales (MWHrs) are for the forecasted year ended November 2012.
- (2) Opt-Out sales are provided in Evans Direct Exhibit No. 2
- (3) The CP demands are based on the 2010 Coincident Peak occurring on August 11 during the hour ended at 5 P.M.

Energy Efficiency Rate Derivation

| | | | EE Revenue Requirements | | | | | | | | | | | |
|-----------------|--|---|--|------------------|---------------------|--|--|-----------------------------|-----------------|--|--|--|--|--|
| NC Rate Class | Adjusted NC Rate Class kWHr Sales ⁽¹⁾ | Rate Class Energy Allocation Factor (2) | Residential Programs ⁽³⁾ | CIG Programs (4) | DSDR ⁽⁵⁾ | Non-DSDR Allocated A&G and Carrying Costs ⁽⁶⁾ | DSDR Allocated A&G and Carrying Costs ⁽⁷⁾ | Total of Allocated Costs | Total EE Rate | | | | | |
| <u> </u> | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) = Σ (3 thru 7) | (9) = (8) / (1) | | | | | |
| Residential | 15,449,253,075 | 57.31% | \$19,952,973 | \$0 | \$13,625,001 | \$4,356,225 | \$798,000 | \$38,732,199 | \$0.002507 | | | | | |
| General Service | 11,060,984,152 | 41.03% | \$0 | \$7,658,280 | \$9,754,900 | \$1,306,407 | \$571,333 | \$19,290,919 | \$0.001744 | | | | | |
| Lighting | 448,568,642 | 1.66% | \$0 | | \$395,602 | \$0 | \$23,170 | \$41 <u>8,</u> 771 | \$0.000934 | | | | | |
| NC Retail | 26,958,805,869 | 100% | \$19,952,973 | \$7,658,280 | \$23,775,503 | \$5,662,632 | \$1,392,502 | \$58,441,890 | \$0.002168 | | | | | |

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Evans Direct Exhibit No. 3, column (3).
- (2) Rate Class Energy Allocation Factor is derived in Evans Direct Exhibit No. 3, column (4).
- (3) Residential Program costs are allocated solely to Residential Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (4) CIG Energy Efficiency costs are allocated solely to General Service Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (5) DSDR Costs allocated using Rate Class Energy Allocation Factor from column (2) in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (6) Non-DSDR A&G and Carrying Costs are allocated on the basis of Non-DSDR revenue requirements (excluding incentives).
- (7) DSDR A&G Costs and Carrying Costs are allocated using Rate Class Energy Allocation Factor from column (2).

Demand Side Management Rate Derivation

| | | 5.4 | DSM Revenue Requirement | | | | | | | | | | | |
|-----------------|--|---|---|----------------------------------|-------------------------------------|---|------------------------------------|-------------------|--|--|--|--|--|--|
| NC Rate Class | Adjusted NC Rate Class kWHr Sales ⁽¹⁾ | Rate Class Demand Allocation Factor ⁽²⁾ | EnergyWise Program Costs ⁽³⁾ | CIG DR Program ⁽⁴⁾ | Allocated A&G Costs ⁽⁵⁾ | Allocated Carrying Costs ⁽⁵⁾ | Total of Allocated Costs | Total DSM Rate | | | | | | |
| | (1) | (2) | (3) | (4) | (5) | (6) | $(7) = \Sigma (3 \text{ thru } 6)$ | (8) = (7) / (1) | | | | | | |
| Residential | 15,449,253,075 | 66.42% | \$3,906,550 | \$0 | \$710,324 | \$1,954,574 | \$6,571,449 | \$0.000425 | | | | | | |
| General Service | 11,060,984,152 | 33.58% | \$0 | \$674,064 | \$118,912 | \$327,206 | \$1,120,182 | \$0.000101 | | | | | | |
| Lighting | 448,568,642 | 0.00% | \$0 | \$0 | \$0 | \$0 | \$0 | \$0.000000 | | | | | | |
| NC Retail | 26,958,805,869 | 100.00% | \$3,906,550 | \$674,064 | \$829,236 | \$2,281,780 | \$7,691,630 | \$0.000285 | | | | | | |

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Evans Direct Exhibit No. 3, column (3).
- (2) Rate Class Demand Allocation Factor is derived in Evans Direct Exhibit No. 4, column (5).
- (3) EnergyWise costs are directly assigned solely to Residential Rate Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (4) CIG DR Program costs are directly assigned solely to General Service Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (5) A&G and Carrying Costs are allocated on the basis of revenue requirements (excluding incentives).

EMF Adjustments

| | | Residential | | | | General Service | | | Lighting | | | | Totals | | | | |
|------|---|------------------------------|------------------|-----------|---------------|------------------------------|--------------|--------------|---------------|------------|--------------|------|-----------------------------------|-----------------|---------------|-------------|---------------|
| Line | Description | DSM | DSDR | EĘ | Total | DSM | DSDR | EE | Total | DSM | DSDR | EE | Total | DSM | OSDR | EE | Total |
| 1 | Test Period DSM/EE Rate Billings 1 Amounts from Schedule W/P R-2, Line 55 | \$ 3,277,753 | \$ 8,745,478 \$ | 6,619,506 | \$ 18,642,736 | \$ 632,948 | \$ 5,578,517 | \$ 3,055,870 | \$ 9,267,336 | s - | \$ 242,500 | \$ - | \$ 242,500 | \$ 3,910,701 \$ | 14,566,495 \$ | 9,675,376 | \$ 28,152,573 |
| 2 | Prospective Period DSM/EE Rate Billings ² Amounts from Schedule W/P R-J, Line 66 | 1,353,681 | 3,679,723 | 4,118,099 | 9,151,502 | 270,081 | 2,754,497 | 1,728,136 | 4,752,714 | - | 113,182 | • | 113,182 | 1,623,762 | 6,547,402 | 5,846,235 | 14,017,398 |
| 3 | Less: Prior Prospective Period Billings ³ Amounts from Schedule W/P R-2, Line 56 | (789,387) | (2,074,329) | (875,500) | (3,739,216) | (192,330) | (1,559,641) | (773,264) | (2,525,235) | - | (68,952) | - | (68,952) | (981,717) | (3,702,922) | (1,648,764) | (6,333,403) |
| 4 | Uncollectibles Allowances in Rates ⁴ Amounts from WPS-9 | (20,211) | (54,450) | (51,879) | {126,541} | (386) | (3,684) | (2,181) | (6,251) | - | - | • | - | (20,597) | (58,134) | {54,060} | (132,792) |
| 5 | Over or (Under) collection of Uncollectibles ⁵ Amounts from WP 8-6 | (763) | (2,267) | (2,801) | (5,831) | (14) | {214} | (136) | (364) | - | • | - | - | (777) | (2.481) | (2,937) | (6,194) |
| 6 | Refund of HEIP PPI and Interest ⁶ Amounts from WF D-S | - | - | 45,884 | 45,884 | - | • | - | - | - | • | - | - | - | • | 45,884 | 45,884 |
| 7 | Net Adjustments to DSM/EE EMF Clause | \$ 3,821,073 | \$ 10,294,154 \$ | 9,853,308 | \$ 23,968,535 | \$ 710,299 | \$ 6,769,476 | \$ 4,008,424 | \$ 11,488,199 | \$ - | \$ 286,731 | \$ - | \$ 286,731 | \$ 4,531,371 \$ | 17,350,361 \$ | 13,861,733 | \$ 35,743,465 |
| | I Lines I through 6 | Ta Exhibit 9 | | | | To Exhibit 9 | Ü., | | | | To Exhibit # | | | To Exhibit 9 | | | |
| | | \$20,147,462 To Exhibit 8 | | | | \$10,777,901 To Exclude 8 | | | | | | |) \$31,212,094 Yo Eshibit B | | | | |

¹ Actual DSM/EE Rate billings for test period (April 2010 through Merch 2011).

² Actual and estimated DSM/EE Rate billings for prospective period (April 2011 through July 2011).

³ Actual DSM/EE Rate billings for prior prospective period (April 2010 through July 2010).

⁴ Recognition of Docket No. E-2, Sub 951 and Sub 977 based uncollectible revenues for the period August 1, 2010 through July 31, 2011.

⁵ True-Up of uncollectibles covering the period August 1, 2010 through July 31, 2011.

Refund to reconcile Vintage 2009 Residential Home Energy Improvement Program PPI with verified results.

Energy Efficiency Experience Modification Factor Rate Derivation

| | | | | EE EMF Revenue Requirement | | | | | | | |
|-----------------|---|---|---|--------------------------------|---------------------|--|---|--|--|---|-------------------------------------|
| NC Rate Class | Adjusted NC Rate Class kWHr Sales (1) | Rate Class Energy Allocation Factor (2) (2) | Residential Programs ⁽³⁾ (3) | CIG Programs ⁽⁴⁾ | DSDR ⁽⁵⁾ | Non-DSDR Allocated A&G and Carrying Costs ^(b) (6) | DSDR Allocated A&G and Carrying Costs ⁽⁵⁾ | Total of Allocated Costs (8) = \$\Sigma(3)\$ thru 7) | Less: Prior Period DSWEE Rate Adjustment ⁽⁷⁾ | Adjusted EE EMF Revenue Requirement (10)=(8)(8) | Total EE EMF Rate (11) = (10) / (1) |
| Residential | 15,449,253,075 | 57.31% | \$10,198,268 | \$0 | \$7,668,823 | \$2,712,124 | \$853,049 | \$21,432,263 | \$20,147,462 | \$1,284,801 | \$0,000083 |
| General Service | 11,060,984,152 | 41.03% | \$0 | \$4,138,064 | \$5,490,539 | \$846,871 | \$610,745 | \$11,086,220 | \$10,777,901 | \$308,319 | \$0.000028 |
| Lighting | 448,568,642 | 1.66% | \$0 | \$0 | \$222,664 | <u>\$0</u> | \$24,768 | \$247,432 | \$286,731 | -\$39,299 | -\$0.000088 |
| NC Retail | 26,958,805,869 | 100.00% | \$10,198,268 | \$4,138,064 | \$13,382,026 | \$3,558,995 | \$1,488,562 | \$32,765,915 | \$31,212,094 | \$1,553,821 | \$0.000058 |

NOTES:

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Evans Direct Exhibit No. 3, column (3).
- (2) Rate Class Energy Allocation Factor is derived in Evans Direct Exhibit No. 3, column (4).
- (3) Residential Program costs are allocated solely to Residential rates in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (4) CIG Energy Efficiency Program costs are allocated solely to General Service rates in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (5) DSDR Costs allocated using Rate Class Energy Allocation Factor from column (2) in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (6) Non-DSDR A&G and Carrying Costs are allocated on the basis of Non-DSDR revenue requirements (excluding incentives) assigned in preceding columns.
- (7) Amounts are derived in Evans Direct Exhibit No. 7.

Demand Side Management Experience Modification Factor Rate Derivation

| | | | DSM EMF Revenue Requirement | | | | | | | |
|-----------------|--|--|---|----------------------------------|---|---|-----------------------------|---|--|-----------------------|
| NC Rate Class | Adjusted NC Rate Class kWHr Sales ⁽¹⁾ | Rate Class Demand Allocation Factor ⁽²⁾ | EnergyWise Program Costs ⁽³⁾ | CIG DR Program ⁽⁴⁾ | Cost Assigned A&G Costs ⁽⁵⁾ | Cost Assigned Carrying Costs ⁽⁵⁾ | Total of Allocated Costs | Less: Prior Period DSM/EE Rate Adjustment ⁽⁶⁾ | Adjusted DSM EMF Revenue Requirement | Total DSM EMF Rate |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) = Σ (3 thru 6) | (8) | (9)=(7)-(8) | (10) = (9) / (1) |
| Residential | 15,449,253,075 | 66.42% | \$2,425,699 | \$0 | \$473,941 | \$1,064,771 | \$3,964,411 | \$3,821,073 | \$143,338 | \$0.000009 |
| General Service | 11,060,984,152 | 33.58% | \$0 | \$292,864 | \$58,426 | \$131,262 | \$482,553 | \$710,299 | -\$227,746 | -\$0.000021 |
| Lighting | 448,568,642 | 0.00% | \$0 | \$0 | <u>\$0</u> | \$0 | \$0 | <u>\$0</u> | \$0 | \$0.000000 |
| NC Retail | 26,958,805,869 | 100% | \$2,425,699 | \$292,864 | \$532,367 | \$1,196,033 | \$4,446,964 | \$4,531,371 | -\$84,408 | -\$0.000003 |

NOTES:

- (1) Rate Class Sales, excluding "Opt-Out" sales, are derived in Evans Direct Exhibit No. 3, column (3).
- (2) Rate Class Demand Allocation Factor is derived in Evans Direct Exhibit No. 4, column (5).
- (3) EnergyWise costs are directly assigned solely to the Residential Rate Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (4) CIG DR costs are directly assigned solely to the General Service Rate Class in compliance with Commission's Order in Docket No. E-2, Sub 931, dated 6/15/09.
- (5) A&G and Carrying Costs are allocated on the basis of revenue requirements (excluding incentives) assigned in preceding columns.
- (6) Amounts are derived in Evans Direct Exhibit No. 7.

DSM/EE Annual Rate & EMF - December 2011 through November 2012

All rates are shown in dollars per kWh

| DCM | /FF | Adjustmen | t Rato |
|-----|-----|-----------|--------|
| | | | |

| NC Rate Class | EE Rate | DSM Rate | DSM/EE Rate | GRT & Reg Fee | DSM/EE Rate w/ Gross-up | Uncollectibles Adjustment | DSM/EE Billing Rate |
|-----------------|-------------|-------------|------------------|--------------------|----------------------------|------------------------------|------------------------|
| THE NAME COURS | (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| Residential | \$0.002507 | \$0.000425 | \$ 0.00293 | \$ 0.00010 | \$ 0.00303 | \$ 0.00002 | \$ 0.00305 |
| General Service | 0.001744 | 0.000101 | 0.00185 | 0.00006 | 0.00191 | 0.00000 | 0.00191 |
| Lighting | 0.000934 | 0.000000 | 0.00093 | 0.00003 | 0.00096 | 0.00000 | 0.00096 |
| NC Retail | \$ 0.002168 | \$ 0.000285 | \$ 0.00245 | \$ 0.00008 | \$ 0.00253 | \$ 0.00001 | \$ 0.00254 |
| | 97°C | DSM/EE I | xperience Modifi | cation Factor (EMF | :} | | |
| | | DSM EMF | DSM/EE EMF | GRT & Reg | DSM/EE EMF | Uncollectibles | DSM/EE EMF |
| NC Rate Class | EE EMF Rate | Rate | Rate | Fee | w/ Gross-up | Adjustment | Billing Rate _ |
| <u> </u> | (8) | (9) | (10) | (11) | (12) | (13) | (14) |
| Residential | \$0.000083 | \$0.000009 | \$0.00009 | \$0.00000 | \$0.00009 | \$0.00000 | \$0.00009 |
| General Service | 0.000028 | -0.000021 | 0.00001 | 0.00000 | 0.00001 | 0.00000 | 0.00001 |
| Lighting | -0.000088 | 0.000000 | -0.00009 | 0.0000 | -0.00009 | 0.00000 | -0.00009 |
| NC Retail | \$0.000058 | -\$0.000003 | \$0.00005 | \$0.00000 | \$0.00005 | \$0.00000 | \$0.00005 |

Total Rate (DSM/EE Adjustment Rate and DSM/EE Experience Modification Factor)

| | DSM/EE | DSM/EE EMF | Total Billing |
|-----------------|--------------|--------------|--------------------|
| NC Rate Class | Billing Rate | Billing Rate | Rate |
| | (15) = (7) | (16) = (14) | (17) = (15) + (16) |
| Residential | \$0.00305 | \$0.00009 | \$0.00314 |
| General Service | \$0.00191 | \$0.00001 | \$0.00192 |
| Lighting | \$0.00096 | -\$0.00009 | \$0.00087 |
| NC Retail | \$0.00254 | \$0.00005 | \$0.00259 |

NOTES: (Referenced by Column Number)

- (1) Total EE Rate is derived in Evans Direct Exhibit No. 5, column (9).
- (2) Total DSM Rate is derived in Evans Direct Exhibit No. 6, column (8).
- (3) Total DSM/EE Rate is sum of columns (1) and (2) rounded to 5 decimal place billing precision.
- (4) Calculated Gross Receipts Tax and Regulatory Fee at the combined rate of 3.34% on column (3) rounded to 5 decimal places.
- (5) Adjusted DSM/EE Rate w/Gross-up for Gross Receipts Tax and Regulatory Fee is sum of columns (3) and (4).
- (6) Uncollectible adjustment factors derived on W/P B-6 and applied to column (5).
- (7) DSM/EE Billing Rate is the sum of columns (5) and (6) rounded to 5 decimal place billing precision.
- (8) Total EE EMF is derived in Evans Direct Exhibit No. 8, column (11).
- (9) Total DSM EMF is derived in Evans Direct Exhibit No. 9, column (10).
- (10) DSM/EE EMF Rate is derived from the sum of columns (8) and (9) rounded to 5 decimal place billing precision.
- (11) Calculated Gross Receipts Tax and Regulatory Fee at the combined rate of 3.34% on column (10) rounded to 5 decimal places.
- (12) Adjusted DSM/EE EMF Rate w/Gross-up for Gross Receipts Tax and Regulatory Fee is sum of columns (10) and (11).
- (13) Uncollectible adjustment factors derived on W/P B-6 and applied to column (12).
- (14) DSM/EE EMF is the sum of columns (12) and (13) rounded to 5 decimal place billing precision.

Workpapers

Section B – Allocation Factor and Revenue Adjustment Factor Development

PROGRESS ENERGY CAROLINAS, INC. Allocation Factor Summary

| | | | | | | DSM | | EE | |
|----|------|-------------|-------|--------|---|--------|--------|--------|--------|
| | | | | | _ | NC | SC | NC | SC |
| A. | Allo | cation Fact | ors | | | | | | |
| | 1 | May-08 | to | Apr-09 | Calendar 2007 Analysis 1 | 86.73% | 13.27% | 84.81% | 15.19% |
| | 2 | May-09 | to | Apr-10 | Calendar 2008 Analysis 1 | 86.16% | 13.84% | 85.06% | 14.94% |
| | 3 | May-10 | to | Apr-11 | Calendar 2009 Analysis 2 | 85.89% | 14.11% | 85.41% | 14.59% |
| | 4 | May-11 | to | Apr-12 | Calendar 2010 Analysis 3 | 86.49% | 13.51% | 85.53% | 14.47% |
| В. | Cust | tom Period | Fact | ors | | | | | |
| | | Calendar \ | ear 2 | 20104 | | | | | |
| | 5 | Jan-10 | to | Dec-10 | Line 2 x $\frac{1}{3}$ + Line 3 x $\frac{2}{3}$ | 85.98% | 14.02% | 85.29% | 14.71% |
| | | Calendar \ | ear 2 | 20114 | | | | | |
| | 6 | Jan-11 | to | Dec-11 | Line $3 \times \frac{1}{3} + \text{Line } 4 \times \frac{2}{3}$ | 86.29% | 13.71% | 85.49% | 14.51% |

Notes:

¹ Allocation Factors values from Docket No. E-2, Sub 951

² Allocation Factors values from Docket No. E-2, Sub 977

³ Allocation Factors values from W/P B-5A

⁴ Employed in the allocation of Utility Cost Test (UCT) results for PPI determination.

Projected NC Sales for Rate Period (kWh)

| | | | | General Service | | | Lighting | | Total Net of Opt- |
|----|---------------|----------------|----------------|------------------|----------------|----------------|--------------|-------------|-------------------|
| | Period | Residential | Total Gen Svc | Opt-Out | Net | Total Lighting | Opt-Out | Net | Out Quantities |
| 1 | Dec-11 | 1,497,244,813 | 1,579,450,534 | (854,703,497) | 724,747,037 | 38,757,279 | (1,029,785) | 37,727,494 | 2,259,719,345 |
| 2 | Jan-12 | 1,632,422,577 | 1,677,872,636 | (875,851,125) | 802,021,511 | 36,906,314 | (1,045,249) | 35,861,065 | 2,470,305,153 |
| 3 | Feb-12 | 1,457,191,162 | 1,681,140,553 | (872,874,004) | 808,266,549 | 35,876,460 | (1,043,136) | 34,833,324 | 2,300,291,035 |
| 4 | Mar-12 | 1,268,925,878 | 1,682,868,251 | (846,364,646) | 836,503,605 | 36,634,788 | (1,057,091) | 35,577,697 | 2,141,007,180 |
| 5 | Apr-12 | 1,006,864,548 | 1,822,256,140 | (869,863,653) | 952,392,487 | 39,073,310 | (1,035,004) | 38,038,306 | 1,997,295,341 |
| 6 | May-12 | 944,200,970 | 1,818,454,496 | (844,698,528) | 973,755,968 | 40,031,521 | (1,038,177) | 38,993,344 | 1,956,950,283 |
| 7 | Jun-12 | 1,289,284,130 | 1,867,214,446 | (961,318,397) | 905,896,049 | 37,594,019 | (1,082,589) | 36,511,430 | 2,231,691,609 |
| 8 | Jul-12 | 1,567,961,064 | 2,000,163,907 | (979,075,969) | 1,021,087,938 | 38,529,400 | (1,044,253) | 37,485,147 | 2,626,534,149 |
| 9 | Aug-12 | 1,553,823,381 | 2,163,613,534 | (1,042,176,103) | 1,121,437,431 | 38,407,942 | (1,083,526) | 37,324,416 | 2,712,585,229 |
| 10 | Sep-12 | 1,293,063,046 | 2,108,356,386 | (1,013,132,806) | 1,095,223,580 | 40,006,958 | (1,050,228) | 38,956,730 | 2,427,243,356 |
| 11 | Oct-12 | 935,869,448 | 1,948,809,893 | (904,714,374) | 1,044,095,519 | 39,845,526 | (1,035,401) | 38,810,125 | 2,018,775,091 |
| 12 | Nov-12 | 1,002,402,057 | 1,663,563,812 | (888,007,334) | 775,556,478 | 39,512,066 | (1,062,502) | 38,449,564 | 1,816,408,099 |
| 13 | Period Totals | 15,449,253,075 | 22,013,764,588 | (10,952,780,436) | 11,060,984,152 | 461,175,583 | (12,606,941) | 448,568,642 | 26,958,805,869 |

Source W/P R-3 Source W/P R-3

Energy & Summer Production Demand Allocation Factors

From Calendar 2010 Analysis

| Rate Schedule (1) NC RES NC SGS NC SGT (SGS) NC SGT (MGS) NC MGS NC SI NC LGS NC LGS-TOU NC LGS-RTP NC TSS NC ALS NC SLS NC SFLS | Production Energy (kWh) (2) 17,696,889,372 2,071,983,378 659,699,647 8,259,791,641 2,830,557,745 60,965,347 1,102,761,245 2,240,761,476 5,634,454,875 10,703,645 335,307,002 132,940,684 1,601,513 | | Production ¹ Summer CP (KW) (3) 3,873,788 437,690 120,756 1,525,068 522,642 15,299 184,889 347,493 743,080 1,216 | • |
|--|--|----------|--|----------|
| Total NC | 41,038,417,571 | 85.53% | 7,771,920 | 86.49% |
| SC RES SC SGS SC SGT (SGS) SC SGT (MGS) SC MGS SC SI SC LGS SC LGS-TOU SC LGS-RTP SC TSS SC ALS SC SLS SC SFLS Total SC | 2,563,563,194 327,157,701 93,812,444 1,112,428,878 575,697,316 19,964,449 697,978,703 1,084,454,286 368,327,494 690,507 79,289,937 18,381,951 221,547 | To W/P 8 | 519,138 66,933 15,977 191,899 99,141 2,789 110,119 150,821 56,708 76 | To W/P 8 |
| Total System | 47,980,385,978 | 100.00% | 8,985,521 | 100.00% |

¹ Based on Summer Coincident Peak event on August 11, 2010 during hour ending 1700 EDT.

PROGRESS ENERGY CAROLINAS, INC. Summer Coincident Peak Production Demand Allocation Factors Calendar 2010 - North Carolina Retail

| Rate Schedule (1) | Summer CP Demand (KW) ¹ (2) | Rate Class (3) | Summer CP Demand (KW) (4) | NC Rate Class Ratio (5) |
|---------------------------------------|--|-----------------------------------|------------------------------------|----------------------------------|
| NGRES NC SGS | 3,873,783 437,690 | Residential Small General Service | 3,873,788 438,906 | 49.84% |
| NC SGT (SGS) | .120,756 | Medium General Service | | 28.10% |
| NC SGT (MGS) | 1,525,068 | Large General Service | 1 275 462 | 1641% |
| NC MGS | 522,642 | Lighting | 0 | 0.00% |
| NC SI | 15,299 | | | |
| NCLGS-TOU NCLGS-TOU NC LGS-RTP1 | 743,080 | NC Retail | 7,771,920 | 100.00% |
| NOTSS. | 1,216. | DSM/EE Rate Classes | | |
| NC ALS | 0 | Residential | 3/278/703 | 49123% |
| NC SLS | 0 | General Service | 3,898,133 | 50.16% |
| NC SFLS | 0_ | Lighting | 0 | 0.00% |
| NC Retail | 7,771,920 | NC Retail | 7,771,920 | 100.00% |

¹ Summer Conicident Peak values from W/P 5A

North Carolina Uncollectible Data & Adjustments

| Res | : 4 | | 4 | -1 |
|-----|-----|----|---|----|
| nes | ю | en | u | aı |

| 1 | Sales (kWh) | Per Books 12 ME 12-10 16,678,845,0 | | | | |
|----|--|------------------------------------|-----------------------|----------------|--|--|
| 2 | Uncollectibles (kWh) | WP B-7 | | 93,423,031 | | |
| 3 | Percentage | Line 2 / Line 1 | | 0.5601% | | |
| 4 | Estimated Residential Uncollectible Percentage | Docket No. E-2 Sub 977, Exh 10 | Sub 977, Exh 100.5334 | | | |
| 5 | Variation from Estimate | Line 3 - Line 4 | | 0.0267% | | |
| 6 | NC Residential DSM/EE & EMF Billings | (Aug-10 thru Jul-11 W/P R-2a) | \$ | 21,813,850 | | |
| 7 | NC Uncollectible DSM/EE Undercollection | Line 5 x Line 6 | | 5,830.60 | | |
| | | Revenue %s | Re | ev %s x Line 9 | | |
| 8 | Energy Efficiency (% from W/P R-2A Line 111) | 48.04% | \$ | 2,800.92 | | |
| 9 | Demand Side Mgt (% from W/P R-2A Line 109) | 13.08% | \$ | 762.55 | | |
| 10 | DSDR (% from W/P R-2A Line 110) | 38.88% | | 2,267.13 | | |
| 11 | Check Total | 100.00% | \$ | 5,830.60 | | |
| | General Service (net of Opt-Outs) | | | | | |
| 1 | Sales (kWh) | 12 ME 12-10 (W/P R-3) | | 11,063,521,463 | | |
| 2 | Uncollectibles (kWh) | WP 8-7 | | 4,878,190 | | |
| 3 | Adjusted Uncollectible Rate | Line 2 / Line 1 | | 0.0441% | | |
| 4 | Estimated Gen Svc Uncollectible Percentage | Docket No. E-2 Sub 977, Exh 10 | | 0.0406% | | |
| 5 | Variation from Estimate | Line 3 - Line 4 | | 0.0035% | | |
| 6 | NC Gen Svc DSM/EE & EMF Billings | (Aug-10 thru Jul-11 W/P R-2a) | \$ | 10,415,297 | | |
| 7 | NC DSM/EE Uncollectible Undercollection | Line 5 x Line 6 | \$ | 363.76 | | |
| | | Revenue %s | Re | ev %s x Line 9 | | |
| 8 | Energy Efficiency (% from W/P R-2A Line 111) | 37.44% | \$ | 136.18 | | |
| 9 | Demand Side Mgt (% from W/P R-2A Line 109) | 3.86% | \$ | 14.04 | | |
| 10 | DSDR (% from W/P R-2A Line 110) | 58. <u>70%</u> | | 213.54 | | |
| 11 | Check Total | 100.00% | \$ | 363.76 | | |

Progress Energy Carolinas - Uncollectible Revenue Statistics

Shown by usage month - not month of accounting event

Billing Month

North Carolina Accounts Charged Off 04/10 - 03/11

Res Service

| Month 4 | Uncollectible Rev | Uncollectible Usage 🤼 🕆 |
|--------------|-------------------|-------------------------|
| January-10 | \$1,164,383.78 | 13,037,384 |
| February-10 | \$1,254,111.21 | 12,701,903 |
| March-10 | \$1,293,928.83 | 14,289,260 |
| April-10 | \$630,774.38 | 6,240,248 |
| May-10 | \$383,307.84 | 4,158,373 |
| June-10 | \$506,826.65 | 5,032,199 |
| July-10 | \$860,448.92 | 8,793,024 |
| August-10 | \$1,069,434.32 | 9,859,061 |
| September-10 | \$898,985.13 | 9,366,562 |
| October-10 | \$488,421.28 | 4,316,619 |
| November-10 | \$283,653.35 | 2,904,103 |
| December-10 | \$253,223.46 | 2,724,294 |

\$9,087,499.15 93,423,031

General Service

| , Month | Uncollectible Rev | Uncollectible Usage |
|--------------|-------------------|---------------------|
| January-10 | \$55,453.60 | 626,155 |
| February-10 | \$62,512.82 | 626,766 |
| March-10 | \$64,755.32 | 720,839 |
| April-10 | \$34,301.70 | 338,472 |
| May-10 | \$20,602.08 | 216,464 |
| June-10 | \$24,524.63 | 241,600 |
| July-10 | \$47,679.43 | 473,985 |
| August-10 | \$54,443.61 | 501,646 |
| September-10 | \$49,930.20 | 510,936 |
| October-10 | \$31,003.17 | 283,725 |
| November-10 | \$15,912.86 | 169,182 |
| December-10 | \$10,248.47 | 168,421 |
| | \$471,367.89 | 4,878,190 |

Note: Uncollected Usage is based on Net Charge Offs. Recovered Revenue has been subtracted.

PROGRESS ENERGY CAROLINAS, INC. Uncollectibles in DSM/EE Rates

| | Revenue Months | Sources | l | Residential | Ge | neral Service | | Lighting | | Total |
|----|-----------------------------|-----------------------|-----|--------------------|----|---------------|----|----------|----|------------|
| | E-2, Sub 951 Based Billings | <u> </u> | | | | | | - | | |
| 1 | Aug-10 | WP R-2 | \$ | 1,263,258 | \$ | 742,315 | \$ | 17,185 | \$ | 2,022,758 |
| 2 | Sep-10 | WP R-2 | | 1,096,705 | | 728,497 | | 17,203 | | 1,842,405 |
| 3 | Oct-10 | WP R-2 | | 763,304 | | 597,883 | | 17,244 | | 1,378,431 |
| 4 | Nov-10 | WP R-2 | | 688,620 | | 511,640 | | 17,230 | | 1,217,490 |
| 5 | Billings Aug thru Nov | Σ Lines 1 thru 4 | -\$ | 3,811,887 | \$ | 2,580,335 | \$ | 68,861 | \$ | 6,461,084 |
| 6 | Uncollectible Rate | Docket E-2, Sub 951 1 | | 0.4870% | | 0.1020% | | 0.0000% | | |
| 7 | Uncollectible Allowance | Line 5 x Line 6 | \$ | 18,563.89 | \$ | 2,631.94 | \$ | - | \$ | 21,195.83 |
| | E-2, Sub 977 Based Billings | | | | | | | | | |
| 8 | Dec-10 | WP R-2 | \$ | 2,055,920 | \$ | 848,437 | \$ | 21,885 | \$ | 2,926,242 |
| 9 | Jan-11 | WP R-2 | • | 3,872,939 | • | 1,211,038 | • | 27,575 | • | 5,111,552 |
| 10 | Feb-11 | WP R-2 | | 2,916,956 | | 1,074,613 | | 27,604 | | 4,019,174 |
| 11 | Mar-11 | WP R-2 | | 2,245,818 | | 1,027,677 | | 27,624 | | 3,301,119 |
| 12 | Apr-11 | WP R-2 | | 1,930,020 | | 1,012,249 | | 27,655 | | 2,969,924 |
| 13 | May-11 | WP R-2 | | 1,802,329 | | 1,244,921 | | 28,587 | | 3,075,837 |
| 14 | Jun-11 | WP R-2 | | 2,427,377 | | 1,169,706 | | 27,756 | | 3,624,838 |
| 15 | Jul-11 | WP R-2 | | 2,991,777 | | 1,325,837 | | 29,185 | | 4,346,798 |
| 16 | Billings Dec thru Jul | Σ Lines 8 thru 15 | \$ | 20,243,135 | \$ | 8,914,479 | \$ | 217,870 | \$ | 29,375,484 |
| 17 | Uncollectible Rates | Docket E-2, Sub 977 | · | 0.5334% | | 0.0406% | | 0.0000% | • | |
| 18 | Uncollectible Revenue | Line 16 x Line 17 | \$ | 107,976.88 | \$ | 3,619.28 | \$ | | \$ | 111,596.16 |
| 19 | Σ Uncollectible Recoveries | Line 7 + Line 18 | \$ | 126,540.77 | \$ | 6,251.22 | \$ | | \$ | 132,791.99 |
| 20 | DSM Component % | W/P R-2 Line 89 | | 15.97% | | 6.18% | | 0.00% | | 12.70% |
| 21 | DSDR Component % | W/P R-2 Line 90 | | 43.03% | | 58.93% | | 100.00% | | 48.58% |
| 22 | EE Component % | W/P R-2 Line 91 | | 41.00% | | 34.89% | | 0.00% | | 38.71% |
| | Uncollectible Recoveries | | | | | | | | | |
| 23 | DSM Component | Line 19 x Line 20 | \$ | 20,210.98 | \$ | 386.50 | \$ | - | \$ | 20,597.48 |
| 24 | DSDR Component | Line 19 x Line 21 | | 54,450.47 | | 3,683.56 | | - | | 58,134.03 |
| 25 | EE Component | Line 19 x Line 22 | | 51,879.33 | | 2,181.16 | | | | 54,060.49 |
| 26 | Σ Uncollectible Recoveries | Σ Lines 23 thru 25 | _\$ | 126,54 <u>0.77</u> | \$ | 6,251.22 | \$ | | \$ | 132,791.99 |

¹Sub 951 Rates adjusted for the removal of GRT and Regulatory Fees.

Workpapers

Section D – Determination of Utility Incentives

Calculation of Program Performance Incentives

| 201 | O Minto-a | | | | | | | | Residential | | | • | Residential | | | | |
|---|--|--|----------------------------------|--|---|---|--|-------------------------|--|---|---|----------------------------|---|-------------------|---|----------------------------------|---|
| ZUL | 0 Vintage | | | | | | Residential | | iome Energy | | Residential | | Appliance | | esidential | | CIG Energy |
| _ | | | با | CIG DR | EnergyV | | Home Advantage | _ | mprovement | | hting Program | _ | Recycling | | chmarking ¹ | <u> </u> | Efficiency |
| 1 | Present Value of Avoided Costs | WP D-10 | \$ | 10,564,429 | | | \$ 3,059,165 | s | 12,682,498 | \$ | 32,448,359 | 5 | 2,336,853 | \$ | • | \$ | 39,796,763 |
| 2 | Present Value of Program Costs | MPD-IA | _ | 5,260,821 | | 09,855 | 1,080,571 | | 7,756,442 | _ | 6,517,118 | | 1,036,855 | | 65,026 | _ | 6,239,359 |
| 3 | Not Program Senefits | | \$ | 5,303,608 | | 68,286 | | 5 | 4,926,057 | 5 | 25,931,241 | | 1,299,998 | 5 | - | \$ | 33,557,404 |
| 4 | NC Allocation Factor | WP B | _ | 85.98% | | 85.98% | 85.29% | | 85.29% | | 85.29% | | 85.29% | | 85.29% | | 85.29% |
| 5 | NC Allocated Utility Cost Test | Laure 3 X 4 | \$ | 4,560,042 | \$ 31,8 | 71,313 | \$ 1,687,609 | \$ | 4,201,598 | \$ | 22,117,620 | \$ | 1,108,812 | \$ | • | \$ | 28,622,229 |
| 6 | DSM Program Incentive at 8% | Lones 5 X Fis | \$ | 364,803 | \$ 2,5 | 49,705 | | | | | | | | | | | |
| 7 | EE Program Incentive at 13% | Leves 5.# 13h | _ | | | | \$ 219,389 | 5 | 546,208 | 5 | 2,875,291 | \$ | 144,146 | \$ | • | 5 | 3,720,890 |
| 8 | Program Performance Incentive (PPI) | Lines 6 + 7 | \$ | 364,803 | \$ 2,5 | 49,705 | \$ 219,389 | 5 | 546,208 | 5 | 2,875,291 | \$ | 144,146 | \$ | • | \$ | 3,720,890 |
| 9 | Income Tax Rate | WPD-IC | | 39.21% | | 39.21% | 39.21% | | 39.21% | | 39.21% | | 39.21% | | 39.21% | | 39.21% |
| 10 | Income Taxes | - (Long 8×9) | \$ | (143,023) | 5 (9: | 99,625) | \$ (86,013) | \$ | (214,144) | 5 | (1,127,273) | 5 | (56,513) | \$ | • . | 5 | (1,458,794) |
| 11 | Net-of-Tax PPi - Total NPV | Lmes 9 + 19 | 5 | 221,780 | \$ 1,5 | 50,080 | \$ 133,376 | Ś | 332,064 | 5 | 1,748,018 | \$ | 87,633 | \$ | • | 5 | 2,262,095 |
| 12 | Vintage Year 2010 - Year 1 PPI | (1+0 11 + 0 0000054 <u>) (1 + 0 000054) ¹⁰ - 1</u> | 5 | 34.262 | ¢ 2 | 39,469 | \$ 20,605 | • | 51,300 | | 270,048 | | 13,538 | • | | 5 | 349,467 |
| | | | • | 34,202 | _ | 25, 455 | 20,000 | • | -1,-00 | • | 270,040 | • | 13,330 | • | | - | 343,407 |
| 13 | Income Tax Gross-Up Factor | 1-Loc 9 | _ | 60.79% | | 60.79% | 60.79% | | 60.79% | | 60.79% | — | 60.79% | | 60.79% | _ | 60.79% |
| 14 | Adjusted PPI Current Vintage | tare 12/Lare 13 | \$ | 56,358 | 5 3: | 93,899 | \$ 33,893 | \$ | 84,383 | 5 | 444,198 | \$ | 22,269 | \$ | - | \$ | 574,833 |
| | | | _ | | | | | | | | | | | | | | |
| 15 | Vintage 2009 PPI Values | Doctor E-1, 6ab 577 | \$ | <u> </u> | \$ 1 | 35,141 | \$ 5,811 | | 10,405 (see W/F D-5) ↑ | \$ | - | \$ | • | \$ | | \$ | 169,910 |
| 16 | PPI Values for Test Period | Lines 14 + 15 | \$ | 56,358 | \$ 5 | 29,040 | \$ 39,704 | - | 94,788 | \$ | 444,198 | \$ | 22,269 | \$ | - | \$ | 744,743 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | Γ- | | <u> </u> | | _ | <u>-</u> | | | | |
| 201 | 1 Vintago | | _ | | | | | | Residential | | | | Residential | | | | |
| 201 | 1 Vintage | | | | | TM | Residential | H | iome Energy | | Residential | | Appliance | | esidential | | CIG Energy |
| | • | | | CIG DR | EnergyW | | Home Advantage | H In | iome Energy nprovement | Ligh | nting Program | | Appliance Recycling | Ben | chmarking ¹ | | Efficiency |
| 1 | Present Value of Avoided Costs | HAP D.TE | \$ | 21,240,848 | \$ 56,7 | 93,200 | Home Advantage \$ \$,078,297 | H In | iome Energy nprovement 13,321,999 | Ligh | 33,844,062 | | Appliance Recycling 3,908,280 | | chmarking ¹ 1,289,059 | \$ | Efficiency 57,424,662 |
| 1 2 | Present Value of Avoided Costs Present Value of Program Costs | NOP O-TE HISP D-TA | _ | 21,240,848 1,904,481 | \$ 56,79 20,03 | 93,200 3 <i>7,684</i> | Home Advantage \$ \$,078,297 2,458,140 | Н (л | iome Energy mprovement 13,321,999 6,825,560 | Ligh \$ | 33,844,062 5,909,590 | 5 | Appliance Recycling 3,908,280 1,812,545 | Bene \$ | chmarking ¹ 1,289,059 793,212 | \$ | 57,424,662 8,098,584 |
| 1 2 3 | Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits | MPD-1A | \$ | 21,240,848 1,904,481 19,336,367 | \$ 56,79 20,03 \$ 36,79 | 93,200 3 <i>7,684</i> 55,516 | Home Advantage \$ 5,078,297 2,458,140 \$ 3,620,158 | Н (л | 13,321,999 6,825,560 6,496,439 | Ligh \$ | 33,844,062 5,909,590 27,934,472 | 5 | Appliance Recycling 3,908,280 1,812,545 2,095,735 | Bene \$ | chmarking ¹ 1,289,059 793,212 495,847 | | 57,424,662 8,098,584 49,328,079 |
| 1 2 3 4 | Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits NC Allocation Factor | | \$ | 21,240,848 1,904,481 19,336,367 86,29% | \$ 56,79 20,00 \$ 36,79 | 93,200 3 <i>7,684</i> 55,516 86.29% | Home Advantage \$ 5,078,297 1,458,140 \$ 3,620,158 85,49% | H In \$ | iome Energy mprovement 13,321,999 6,825,560 6,496,439 85,49% | Ligh \$ \$ | 33,844,062 5,909,590 27,934,472 85,49% | \$ | Appliance Recycling 3,908,280 1,812,545 2,095,735 85,49% | Sene S | chmarking ¹ 1,289,059 793,212 495,847 85,49% | \$ | 57,424,662 8,098,584 49,328,079 85.49% |
| 1 2 3 | Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits | MPD-1A | _ | 21,240,848 1,904,481 19,336,367 | \$ 56,79 20,00 \$ 36,79 | 93,200 3 <i>7,684</i> 55,516 | Home Advantage \$ 5,078,297 1,458,140 \$ 3,620,158 85,49% | H In \$ | iome Energy mprovement 13,321,999 6,825,560 6,496,439 85,49% | Ligh \$ \$ | 33,844,062 5,909,590 27,934,472 | \$ | Appliance Recycling 3,908,280 1,812,545 2,095,735 | Sene S | chmarking ¹ 1,289,059 793,212 495,847 85,49% | \$ | 57,424,662 8,098,584 49,328,079 |
| 1 2 3 4 5 | Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits NC Allocation Factor NC Allocated Utility Cost Test DSM Program Incentive at 8% | ASS D-FA | \$ | 21,240,848 1,904,481 19,336,367 86,29% | \$ 56,79 20,00 \$ 36,79 \$ 31,70 | 93,200 3 <i>7,684</i> 55,516 86.29% | Home Advantage \$ 5,078,297 1,458,140 \$ 3,620,158 85,49% | H In \$ | iome Energy mprovement 13,321,999 6,825,560 6,496,439 85,49% | Ligh \$ \$ | 33,844,062 5,909,590 27,934,472 85,49% | \$ | Appliance Recycling 3,908,280 1,822,545 2,095,735 85,49% 1,791,644 | S S | chmarking ¹ 1,289,059 793,212 495,847 85,49% 423,900 | \$ | 57,424,662 8,098,584 49,328,079 85.49% |
| 1 2 3 4 5 | Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits NC Allocation Factor NC Allocated Utility Cost Test | 1987 (3-5A 1987 (3-5) 1988 (3-7) 4 | \$ 5 | 21,240,848 1,904,481 19,336,367 86,29% 16,685,351 | \$ 56,79 20,00 \$ 36,79 \$ 31,70 \$ 2,50 | 93,200 37,684 55,516 86.29% 16,335 | Home Advantage | # in \$ \$ | 13,321,999 6,823,560 6,496,439 85,49% 5,553,806 | Ligh \$ \$ | 33,844,062 5,909,590 27,934,472 85,49% | \$ \$ | Appliance Recycling 3,908,280 1,812,545 2,095,735 85.49% 1,791,644 | S S S | chmarking ¹ 1,289,059 793,212 495,847 85,49% 423,900 | \$ \$ | 57,424,662 8,098,584 49,328,079 85,49% 42,170,574 5,482,175 |
| 1 2 3 4 5 | Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits NC Allocation Factor NC Allocated Utility Cost Test DSM Program Incentive at 8% | 1980 D. FA 1980 B Lines 3 X 4 Lines 5 X 8% | \$ | 21,240,848 1,904,481 19,336,367 86,29% 16,685,351 | \$ 56,79 20,00 \$ 36,79 \$ 31,70 \$ 2,50 | 93,200 37,684 55,516 86.29% 16,335 | Home Advantage | # in \$ \$ | 13,321,999 6,823,560 6,496,439 85,49% 5,553,806 | S S S | 33,844,062 5,909,590 27,934,472 85,49% -23,881,181 | \$ \$ \$ | Appliance Recycling 3,908,280 1,812,545 2,095,735 85.49% 1,791,644 | S S | chmarking ¹ 1,289,059 793,212 495,847 85,49% 423,900 | \$ \$ | Efficiency 57,424,662 8,098,584 49,328,079 85.49% 42,170,574 |
| 1 2 3 4 5 | Present Value of Avoided Costs Present Value of Program Costs Not Program Benefits NC Allocation Factor NC Allocated Utility Cost Test DSM Program Incentive at 8% EE Program Incentive at 13% | ydd CL FA WAP B Lance 3 X 4 Lance 5 X PA Lance 5 X FA | \$ 5 | 21,240,848 1,904,481 19,336,367 86,29% 16,685,351 1,334,828 | \$ 56,7° 20,0° \$ 36,7° \$ 31,7° \$ 2,5° \$ 2,5° | 93,200 37,684 55,516 86.29% 16,335 | Home Advantage | # in \$ \$ | 13,321,999 6,823,560 6,496,439 85,49% 5,553,806 | S S S | 33,844,062 5,809,590 27,934,472 85,49% -23,881,181 3,104,553 | \$ \$ \$ | Appliance Recycling 3,908,280 1,812,545 2,095,735 85.49% 1,791,644 | S S S | chmarking ¹ 1,289,059 793,212 495,847 85,49% 423,900 | \$ \$ | 57,424,662 8,096,584 49,328,079 85,49% 42,170,574 5,482,175 5,482,175 39,21% |
| 1 2 3 4 5 6 7 | Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits NC Allocation Factor NC Allocated Utility Cost Test DSM Program Incentive at 8% EE Program Incentive at 13% Program Performance Incentive (PPI) | yda? () - CA WAP () Lance 3 x 4 Lance 5 x 106 Lance 5 x 136 Lance 6 x 7 | \$ \$ \$ | 21,240,848 1,904,481 19,336,367 86,29% 16,685,351 1,334,828 | \$ 56,7° 20,0° \$ 36,7° \$ 31,7° \$ 2,5° \$ 2,5° | 93,200 37,684 55,516 86,29% 16,335 37,307 | Home Advantage \$ 5,078,297 | \$ \$ \$ \$ \$ | tome Energy nprovement 13,321,999 6,825,560 6,496,439 85,49% 5,553,806 721,995 721,995 | S S S S | 33,844,062 5,809,590 27,934,472 85,49% •23,881,181 3,104,553 3,104,553 | \$ \$ \$ \$ | Appliance Recycling 3,908,280 1,812,545 2,095,735 85.49% 1,791,644 232,914 | S S S | chmarking ¹ 1,289,059 793,212 495,847 85,49% 423,900 55,107 NA NA | \$ \$ | 57,424,662 8,998,584 49,328,079 85.49% 42,170,574 5,482,175 5,482,175 |
| 1 2 3 4 5 6 7 8 | Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits NC Allocation Factor NC Allocated Utility Cost Test DSM Program Incentive at 8% EE Program Incentive at 13% Program Performance Incentive (PPI) Income Tex Rata | year (2-ca VerP (3) Laren 3 X 4 Laren 5 X TH Laren 5 X 134 Laren 6 + 7 VerP (3-1C | \$ \$ \$ | 21,240,848 1,904,481 19,336,367 86,29% 16,685,351 1,334,828 1,334,828 39,21% | \$ 56,7° 20,0° \$ 36,7° \$ 31,7° \$ 2,5° \$ 2,5° \$ (9°) | 93,200 37,684 55,516 86,29% 16,335 37,307 37,307 39,21% | Home Advantage \$ 5,078,297 | \$ \$ \$ \$ \$ | tome Energy nprovement 13,321,999 6,823,560 6,496,439 85,49% 5,553,806 721,995 721,995 39,21% | S S S S | 33,844,062 5,809,590 27,934,472 85,49% -23,881,181 3,104,553 3,104,553 39,21% | \$ \$ \$ \$ | Appliance Recycling 3,908,280 2,812,545 2,095,735 85.49% 1,791,644 232,914 232,914 39,21% | S S S | chmarking ¹ 1,289,059 793,212 495,847 85,49% 423,900 55,107 NA | \$ \$ \$ | 57,424,662 8,096,584 49,328,079 85,49% 42,170,574 5,482,175 5,482,175 39,21% |
| 1 2 3 4 5 6 7 8 9 | Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits NC Allocation Factor NC Allocated Utility Cost Test DSM Program Incentive at 8% EE Program Incentive at 13% Program Performance Incentive (PPI) Income Tax Rata Income Taxes | year () - FA Weir B Lamas 3 x 4 Lamas 5 x FB Lamas 5 x FT Horiz 6 x 7 Horiz 1 x FT - FLimas 8 x FT | \$ \$ \$ | 21,240,848 2,904,481 19,336,367 86,29% 16,685,351 1,334,828 1,334,828 39,21% (523,326) | \$ 56,7! 20,0: \$ 36,7! \$ 31,7: \$ 2,5: \$ 2,5: \$ (9! \$ 1,5- | 93,200 37,684 55,516 86,29% 16,335 37,307 37,307 39,21% | Home Advantage \$ 5,078,297 | 5 5 5 5 5 | tome Energy mprovement 13,21,999 6,825,560 6,496,439 85,49% 5,553,806 721,995 721,995 39,21% (283,062) | S S S S S | 33,844,062 5,809,590 27,934,472 85,49% -23,881,181 3,104,553 3,104,553 39,21% (1,217,156) | \$ \$ \$ \$ \$ | Appliance Recycling 3,908,280 1,822,545 2,095,735 85.49% 1,791,644 232,914 232,914 39,21% (91,315) | \$ \$ \$ \$ \$ \$ | chmarking ¹ 1,289,059 793,212 495,847 85,49% 423,900 55,107 NA NA | \$ \$ \$ \$ \$ | 57,424,662 8,098,584 49,328,079 85,49% 42,170,574 5,482,175 5,482,175 39,21% (2,149,315) |
| 1 2 3 4 5 6 7 8 9 10 | Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits NC Allocation Factor NC Allocated Utility Cost Test DSM Program Incentive at 8% EE Program Incentive at 13% Program Performance Incentive (PPI) Income Tax Rats Income Taxes Net-of-Tax PPI - Total NPV | ,497 (J. FA WAP (J. FA Lines 3 x 4 Lines 5 x 134 Lines 6 x 7 WAP (J. IC - (Lines 3 x 13) Lines 9 x 10 Lines 9 x 10 Lines 1 x 10 (1000) 4 10 Lines 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 x 1 | \$ \$ \$ \$ \$ | 21,240,848 1,904,481 19,336,367 86,29% 16,685,351 1,334,828 1,334,828 39,21% (523,326) 811,502 | \$ 56,7! 20,0: \$ 36,7! \$ 31,7: \$ 2,5: \$ (9: \$ 1,5: \$ 2: | 93,200 37,684 55,516 86,29% 16,335 37,307 37,307 39,21% 94,764) | Home Advantage \$ 5,078,297 | 5 5 5 5 5 | tome Energy nprovement 13,321,999 6,823,560 6,496,439 85,49% 5,553,806 721,995 721,995 39,21% (283,062) 438,933 | S S S S S | 33,844,062 5,809,590 27,934,472 85,49% -23,881,181 3,104,553 3,104,553 39,21% (1,217,156) 1,887,397 | \$ \$ \$ \$ \$ | Appliance Recycling 3,908,280 1,812,545 2,095,735 85,49% 1,791,644 232,914 232,914 39,21% (91,315) | \$ \$ \$ \$ \$ \$ | 1,289,059 793,212 495,847 85,49% 423,900 55,107 55,107 NA NA | \$ \$ \$ \$ \$ | 57,424,662 8,098,584 49,328,079 85,49% 42,170,574 5,482,175 5,482,175 39,21% (2,149,315) 3,332,859 |
| 1 2 3 4 5 6 7 8 9 10 11 | Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits NC Allocation Factor NC Allocated Utility Cost Test DSM Program Incentive at 8% EE Program Incentive at 13% Program Performance Incentive (PPI) Income Tax Rata Income Taxes Net-of-Tax PPI - Total NPV Vintage Year 2011 - Year 1 PPI | #MP D-FA WAP B Lines 3 x 4 Lines 5 x 96 Lines 5 x 7 MAP D-1C -{Lines 2 x 3 Lines 2 x 3 Lines 3 x 3 Lines 3 x 3 Lines 4 x 3 Lines 5 x 7 MAP D-1C -{Lines 2 x 3 Lines 1 x 6 x 3 Line | \$ \$ \$ \$ \$ | 21,240,848 1,904,481 19,336,367 86,29% 16,685,351 1,334,828 1,334,828 39,21% (523,326) 811,502 | \$ 56,7' 20,0' \$ 36,7' \$ 31,7' \$ 2,5' \$ 2,5' \$ 2,5' \$ 2,5' | 93,200 37,684 55,516 86,29% 16,335 37,307 37,307 39,21% 94,764] 42,542 38,305 | Home Advantage \$ 5,078,297 1,458,140 \$ 3,620,158 85,49% \$ 3,094,873 \$ 402,333 \$ 402,333 39,21% \$ (157,737) \$ 244,597 \$ 37,787 60,79% | \$ \$ \$ \$ \$ \$ \$ | forms Energy mprovement 13,21,999 6,825,560 6,496,439 85,49% 5,553,806 721,995 39,21% {283,062} 438,933 67,810 | \$ \$ \$ \$ \$ \$ \$ \$ \$ | 33,844,062 5,809,590 27,934,472 85,49% -23,881,181 3,104,553 3,104,553 39,21% (1,217,156) 1,887,397 291,580 | \$ \$ \$ \$ \$ \$ \$ \$ \$ | Appliance Recycling 3,908,280 2,822,545 2,095,735 85.49% 1,791,644 232,914 232,914 39,21% (91,315) 141,599 21,875 | \$ \$ \$ \$ \$ \$ | chmarking 1 1,289,059 793,212 495,847 85,49% 423,900 55,107 NA NA 55,107 | \$ \$ \$ \$ \$ | Efficiency 57,424,662 8,096,584 49,328,079 85,49% 42,170,574 5,482,175 5,482,175 39,21% (2,149,315) 3,332,859 |
| 1 2 3 4 5 6 7 8 9 10 11 12 | Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits NC Allocation Factor NC Allocated Utility Cost Test DSM Program Incentive at 8% EE Program Incentive at 13% Program Performance Incentive (PPI) Income Tax Rata Income Taxes Net-of-Tax PPI - Total NPV Vintage Year 2011 - Year 1 PPI Income Tax Gross-Up Factor | ### D-FA WAP B Lance 3 x 4 Lance 5 x 9% Lance 5 x 7% Lance 6 x 7 WAP D-IC - (Lince 8 x 9) Lance 9 x 10 La | \$ \$ \$ \$ \$ | 21,240,848 1,904,481 19,336,367 86,29% 16,685,351 1,334,828 39,21% (523,326) 811,502 125,367 60,79% | \$ 56,71 20,01 \$ 36,71 \$ 31,71 \$ 2,51 \$ 2,51 \$ 1,52 \$ 2,51 | 93,200 37,684 55,516 86,29% 16,335 37,307 37,307 39,21% 94,764) 42,542 38,305 60,79% | Home Advantage \$ 5,078,297 1,458,140 \$ 3,620,158 85,49% \$ 3,094,873 \$ 402,333 \$ 402,333 \$ 21% \$ (157,737) \$ 244,597 \$ 37,787 60,79% \$ 62,156 | \$ \$ \$ \$ \$ \$ \$ \$ | forms Energy nprovement 13,221,999 6,823,560 6,496,439 85,49% 5,553,806 721,995 721,995 39,21% (283,062) 438,933 67,810 60,79% | Light S S S S S S S S S | 33,844,062 5,909,590 27,934,472 85,49% -23,881,181 3,104,553 3,104,553 39,21% (1,217,156) 1,887,397 291,580 50.79% | \$ \$ \$ \$ \$ \$ \$ \$ \$ | Appliance Recycling 3,908,280 1,812,545 2,095,735 85,49% 1,791,644 232,914 232,914 39,21% (91,315) 141,599 21,875 60,79% | Ben | chmarking ¹ 1,289,059 793,212 495,847 85,49% 423,900 55,107 55,107 NA NA NA NA | \$ \$ \$ \$ \$ | Efficiency 57,424,662 8,096,584 49,328,079 85.49% 42,170,574 5,482,175 5,482,175 5,482,175 39,21% (2,149,315) 3,332,859 514,887 60,79% |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 | Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits NC Allocation Factor NC Allocated Utility Cost Test DSM Program Incentive at 8% EE Program Incentive at 13% Program Performance Incentive (PPI) Income Tax Rata Income Taxas Net-of-Tax PP) - Total NPV Vintage Year 2011 - Year 1 PPI Income Tax Gross-Up Factor Adjusted PPI | ##P D-FA WP B Lines 3 x 4 Lines 5 x Bs Lines 5 x Bs Lines 6 x 7 WP D-1C -[Lines 8 x B] Lines 9 x B Lines 12 x B Lines 12 x B Lines 12 x B Lines 12 x B Lines 13 x B Lines 13 x B Lines 14 x B Lines 15 x | \$ \$ \$ \$ \$ \$ | 21,240,848 1,904,481 19,336,367 86,29% 16,685,351 1,334,828 39,21% (523,326) 811,502 125,367 60,79% 206,215 | \$ 56,7' 20,0' \$ 36,7' \$ 31,7' \$ 2,5' \$ 2,5' \$ 2,5' \$ 2,5' \$ 39 \$ 39 | 93,200 37,684 55,516 86,29% 16,335 37,307 39,21% 94,764) 42,542 38,305 60,79% 91,984 | Home Advantage \$ 5,078,297 | \$ \$ \$ \$ \$ \$ \$ \$ | forme Energy nprovement 13,321,999 6,825,560 6,496,439 85,49% 5,553,806 721,995 721,995 39.21% (283,062) 438,933 67,810 60.79% 111,540 | Light S S S S S S S S S | 33,844,062 5,909,590 27,934,472 85,49% -23,881,181 3,104,553 3,104,553 39,21% (1,217,156) 1,887,397 291,580 50,79% | \$ \$ \$ \$ \$ \$ \$ \$ \$ | Appliance Recycling 3,908,280 1,822,545 2,095,735 85.49% 1,791,644 232,914 232,914 39,21% (91,315) 141,599 21,875 60,79% 35,982 | Ben | chmarking ¹ 1,289,059 793,212 495,847 85,49% 423,900 55,107 55,107 NA NA NA NA | \$ \$ \$ \$ \$ \$ | Efficiency 57,424,662 8,096,584 49,328,079 85,499 42,170,574 5,482,175 5,482,175 3,9,219 (2,149,315) 3,332,859 514,887 60,79% 846,931 |

\$ 262,573 \$ 921,024 \$ 101,860 \$ 206,327 \$ 923,815 \$ 58,251 \$ 55,107 \$ 1,591,674

17 PPI Values for Rate Period

¹ Residential Benchmarking Program PPI are recovered in a single annual period reflecting deemed benefit sustainability.

Calculation of Program Performance Incentives (Costs)

CIG DR
EnergyWiseTM
Residential Home Advantage
Residential Home Energy Improvement
Residential Lighting Program
Residential Appliance Recycling
Residential Benchmarking
CIG Energy Efficiency

| | Actual Values | | | | | | | | | |] | Adjusted | |
|---------|---------------|-----------|---------|---------|----------|----------|-----------|-----------|---------|---------|---------|------------------------|-------------|
| Jan-10 | Feb-10 | Mar-10 | Apr-10 | May-10 | Jun-10 | jul-10 | Aug-10 | Sep-10 | Oct-10 | Nov-10 | Dec-10 | Adjustments | 2010 Totals |
| 39,558 | 45,055 | 45,289 | 53,455 | 47,084 | 54,379 | 107,713 | 317,865 | 111,793 | 85,023 | 59,089 | 59,374 | 4,235,144 D-18 | 5,260,821 |
| 744,133 | 954,698 | 981,637 | 641,052 | 913,824 | 791,035 | 905,404 | 1,012,281 | 1,272,208 | 739,798 | 475,495 | 514,858 | 10,263,431 <i>0-18</i> | 20,209,855 |
| 66,730 | 61,004 | 73,801 | 87,976 | 137,955 | 87;604 | 104,322 | 111,339 | 94,075 | 96,681 | 125,470 | 33,615 | | 1,080,571 |
| 612,613 | 526,020 | 522,743 | 481,717 | 518,415 | 684,120 | 863,812 | 814,135 | 771,387 | 559,710 | 704,433 | 697,336 | | 7.756.442 |
| 89,861 | 293,269 | 523,984 | 580,810 | 725,464 | 660,748 | 561,647 | 557,353 | 552,179 | 662,180 | 452,001 | 857,621 | | 6,517,118 |
| 10,398 | 8,254 | . ,13,778 | 36,770 | 104,622 | . 75,978 | . 62,776 | . 113,600 | 159,335 | 193,102 | 120,549 | 137,693 | | 1,036,855 |
| . 0 | . 0 | 1,150 | 11,572 | 8,592 | 9,404 | 6,261 | 6,052 | 11,738 | 3,365 | 1,825 | 5,068 | | 65,026 |
| 431,407 | 506,009 | 331,975 | 770,343 | 449,493 | 369,245 | 444,461 | 584,975 | 384,317 | 748,363 | 748,623 | 470,148 |] | 6,239,359 |

CIG DR
EnergyWiseTM
Residential Home Advantage
Residential Home Energy Improvement
Residential Lighting Program
Residential Appliance Recycling
Residential Benchmarking
CIG Energy Efficiency

| | Actual Values | | | Estimated Values | | | | | | | | | Adjusted |
|------------|---------------|-----------|-----------|------------------|------------|-----------|-----------|-----------|-----------|---------|---------|----------------|-------------|
| jan-11 | Feb-11 | Mar-11 | Apr-11 | May-11 | Jun-11 | Jul-11 | Aug-11 | Sep-11 | Oct-11 | Nov-11 | Dec-11 | Adjustments | 2011 Totals |
| 60,898 | 67,075 | 97,742 | 110,743 | 108,311 | 239,389 | 513,995 · | 583,162 | 125,228 | 121,497 | 120,928 | 121,984 | 7,913,311 p-18 | 10,184,264 |
| 814,282 | - 911,376 | 831,581 | 1,186,940 | 1,092,882 | .,1990,100 | 794,223 | 791,385 | 1,183,522 | 1,225,155 | 706,914 | 660,376 | 8,848,948 0-18 | 20,037,684 |
| 188,914 | 76;502 | 119,841 | 94,794 | 159,724 | 91,321 | 132,608 | 121,304 | 140,875 | 144,904 | 113,886 | 73,468 |] | 1,458,140 |
| 883,389 | 758,080 | 630,288 | 394,842 | 453,962 | . 912,408 | 493,627 | - 592,391 | 531,109 | 473,809 | 427,193 | 274,462 | | 6,825,560 |
| 134,445 | 476,955 | 440,320 | 597,173 | 569,903 | 11539,042 | 474,961 | 474,961 | 587,673 | 582,097 | 539,042 | 493,019 | } | 5,909,590 |
| - a:46;333 | 89,902 | _ 245,855 | 193,544 | 196,720 | . 116,184 | 134,908 | 193,804 | 189,628 | 152,304 | 141,184 | 112,179 | | 1,812,545 |
| 1;721 | 80,842 | , 1,3,675 | 81,501 | 77,710 | 77,710 | 77,710 | 77,710 | 81,501 | 77,710 | 77,710 | 77,711 |] | 793,212 |
| 404:382 | 1.028,980 | 945.062 | 652:301 | : 626.758 | 626,758 | 626,758 | 632,008 | 657,551 | - 632,008 | 632,008 | 632,008 | Ì | 8.096,584 |

Calculation of Program Performance Incentives (Adjustments)

| | CIG D | | | <u>R</u> 1 | | Energ | | | ise ² | |
|-------------------------|-------|-------------|----|----------------------|---|-------|----|-------------|------------------|----------------------|
| Year | v | intage 2010 | V | intage 2011 | | | | intage 2010 | | intage 2011 |
| 2011 | \$ | 536,359 | 3 | | | | \$ | 949,121 | \$ | - |
| 2012 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2013 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2014 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2015 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2016 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2017 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2018 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2019 | | 366,471 | | 75 1,275 | | | | 949,121 | | 989,625 |
| 2020 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2021 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2022 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2023 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2024 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2025 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2026 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2027 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2028 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2029 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2030 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2031 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2032 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2033 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2034 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2035 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2036 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2037 | | 366,471 | | 751,275 [°] | | | | 949,121 | | 989,625 |
| 2038 | | 366,471 | | 751,275 | | | | 949,121 | | 989,625 |
| 2039 | | 366,471 | _ | 751,275 | | | | 949,121 | | 989,625 |
| Nominal Values | \$ | 10,797,547 | \$ | 21,035,700 | | | \$ | 27,524,516 | \$ | 27,709,500 |
| Net Present Value | \$ | 4,235,144 | \$ | 8,279,782 | 4 | | \$ | 10,561,290 | \$ | 10,095,928 4 |
| Less: V-2009 Incentives | \$ | - | \$ | - | | | \$ | 297,859 | \$ | 297,859 ^S |
| Less: V-2010 Incentives | | - | | 366,471 | 6 | | | _ | | 949,121 ⁶ |
| Total Adjustments | \$ | - | \$ | 366,471 | | | \$ | 297,859 | \$ | 1,246,980 |
| Adjusted NPV | \$ | 4,235,144 | \$ | 7,913,311 | | | \$ | 10,263,431 | \$ | 8,848,948 |

¹ Ongoing payments to participant at rate of \$45 per kW per year plus 5% M&V Adder.

² Ongoing payments to participant at rate of \$25 per year plus 5% M&V Adder.

³ Third quarter 2009 program expenses and 2010 participant incentives paid in 2011.

⁴ Discount Rate of 8.03% employed in the determination of net present values.

⁵ Removal of 2009 participant Incentives (w/M&V Adder) associated with Vintage installations (Docket 2010-161-E).

⁶ Removal of 2010 participant Incentives (w/M&V Adder) associated with 2010 Vintage installations.

Progress Energy Carolinas, Inc. NC Calculation Tax and Return Related Input Factors

| | | | | | Net of Tax | Pre Tax |
|----|----------------------|------------------------|------------------|------------|---------------------|---------------------|
| | Component | Percent | Rate | Wgt'd Rate | Wgt'd Cost | Wgt'd Cost |
| 1 | Debt | 48.57% | 8.62% | 4.1867% | 2.5453% (a) | 4.1867% |
| 2 | Preferred | 7.43% | 8.75% | 0.6501% | 0.6501% | 1.0694% <i>(b)</i> |
| 3 | Common | 44.00% | 12.75% | 5.6100% | 5.6100% | 9.2278 <u>%</u> (c) |
| 4 | Total | 100.00% | | 10.4469% | 8.8054% | 14.4839% |
| 5 | | | | | <i>/</i> ′ | |
| 6 | After Tax Cost | of Debt | | | | |
| 7 | Wgt'd Debt Com | nponent | | _/ | 4.1867% | |
| 8 | • | Income Tax Rat | e / | Y | 39.2055% (d) | |
| 9 | Federal Income | Tax Amount | To | W/P | 1.6414% | |
| 10 | | | - 1 | D-1 | | |
| 11 | After Tax Debt 0 | Cost Component | | | 2.5453% (a) | |
| 12 | | | | | | |
| 13 | Incremental Ta | x Rate | | | | |
| 14 | Pretax Debt Cor | • | | | 4.1867% | |
| 15 | After-Tax Debt (| | | | 2.5453% | |
| 16 | After Tax Percer | | | | 60.7945% | |
| 17 | Effective Increm | ental Tax Rate | | | | |
| 18 | (1 - After Tax Perce | ent of Pretax) | | | 39.2055% (d) | |
| 19 | | | | | | |
| 20 | Pre Tax Cost of | • • | | | | |
| 21 | _ | Equity Compone | ent | | | 5.6100% |
| 22 | Wgt'd Preferred | Component | | | 0.6501% | |
| 23 | Total Equity | | | | | 5.6100% |
| 24 | After Tax Percei | | | | 60.7945% | 60.7945% |
| 25 | Pre Tax Cost of | · • | | | | |
| 26 | (Pre Tax Cost of E | quity / After Tax Perc | ent of Pretax Am | t) | 1.0694% (b) | 9.2278% (c) |
| 27 | | | | | | |
| 28 | | | | | | |
| 29 | Composite Inco | ome lax Rate | | | | |
| 30 | L241-41 | | | | | |
| 31 | Jurisdiction | | | | | 32.7355% |
| 32 | Federal Tax Rate | | | | | 5.8400% |
| 33 | North Carolina | | | | | 0.6300% |
| 34 | South Carolina | | | | | |
| 35 | PEC Composite Ir | ncome Tax Rate | | | | 39.2055% (d) |

PEC Residential Lighting Program - Vintage Year-2010

| | (1) | (2) | (3) | (4) |
|----------------|--------------------|------------------|------------------|-------------------------|
| | TOTAL | AVOIDED | AVOIDED | |
| | FUEL & O&M | T&D CAP. | GEN, CAP. | TOTAL |
| YEAR | SAVINGS \$(000) | COSTS \$(000) | COSTS \$(000) | BENEFITS \$(000) |
| 2010 | 3,558 | 480 | 517 | 4,555 |
| 2011 | 3,467 | 493 | 527 | 4,487 |
| 2012 | 4,265 | 506 | 538 | 5,309 |
| 2013 | 3,901 | 519 | 549 | 4,969 |
| 2014 | 5,479 | 530 | 560 | 6,569 |
| 2015 | 7,552 | 540 | 571 | 8,663 |
| 2016 | 6,082 | 551 | 582 | 7,215 |
| 2017 | 0 | 0 | 0 | 0 |
| 2018 | Ō | Ō | 0 | 0 |
| 2019 | 0 | Ō | 0 | 0 |
| 2020 | Ō | 0 | Ō | 0 |
| 2021 | 0 | 0 | 0 | 0 |
| 2022 | 0 | Ö | Ō | 0 |
| 2023 | 0 | Ö | 0 | 0 |
| 2024 | 0 | Ö | 0 | 0 |
| 2025 | 0 | 0 | 0 | 0 |
| 2026 | 0 | Ö | Ō | 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 |
| NOMINAL | 34,303 | 3,620 | 3,844 | 41,767 |
| NPV | 26,497 | 2,885 | 3,066 | 32,448 |
| Present Value: | | i=8.03% | | 32,448,359 |

PEC Residential Home Advantage - Vintage Year-2010

| | | BENI | EFITS | |
|----------------|----------------|---------------|----------------------|------------------------|
| | (1) | (2) | (3) | (4) |
| | TOTAL | AVOIDED | AVOIDED | |
| | FUEL & O&M | T&D CAP. | GEN. CAP. | TOTAL |
| YEAR | SAVINGS | COSTS | COSTS | BENEFITS |
| 2010 | \$(000) 103 | \$(000) 50 | \$(000) 53 | \$(000) 206 |
| 2010 | 105 | 50 51 | 5 5 | 200 |
| 2011 | 105 | 51 52 | 5 4 | 223 |
| 2012 | 119 | 52 54 | 5 0 57 | 223 229 |
| 2013 2014 | 166 | 55 55 | 57 58 | 22 3 278 |
| | | | 56 59 | |
| 2015 | 169 | 56 53 | | 284 |
| 2016 | 177 | 57 50 | 60 | 294 |
| 2017 | 186 | 58 | 61 | 305 |
| 2018 | 199 | 59 50 | 63 | 320 |
| 2019 | 209 | 60 | 64 | 333 |
| 2020 | 220 | 62 | 65 | 347 |
| 2021 | 229 | 63 | 66 | 358 |
| 2022 | 238 | 64 | 68 | 369 |
| 2023 | 247 | 65 | 69 | 382 |
| 2024 | 259 | 67 | 70 | 396 |
| 2025 | 217 | 48 | 51 | 316 |
| 2026 | 224 | 49 | 52 | 326 |
| 2027 | 232 | 50 | 53 | 335 |
| 2028 | 242 | 50 | 53 | 346 |
| 2029 | 254 | 51 | 54 | 360 |
| 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 |
| NOMINAL | 3,910 | 1,121 | 1,187 | 6,218 |
| NPV | 1,848 | 588 | 623 | 3,059 |
| Present Value: | | i=8.03% | | 3,059,165 |

PEC Residential Home Energy Improvement - Vintage Year-2010

| | BENEFITS | | | | | |
|----------------|-----------------------|------------------|--------------------|-------------------------|--|--|
| | (1) | (2) | (3) | (4) | | |
| | TOTAL | AVOIDED | AVOIDED | | | |
| | FUEL & O&M SAVINGS | T&D CAP. | GEN. CAP. COSTS | TOTAL | | |
| YEAR | \$(000) | COSTS \$(000) | \$(000) | BENEFITS \$(000) | | |
| 2010 | 338 | 374 | 403 | 1,115 | | |
| 2011 | 303 | 342 | 366 | 1,011 | | |
| 2012 | 335 | 351 | 374 | 1,060 | | |
| 2013 | 350 | 361 | 381 | 1,092 | | |
| 2014 | 476 | 368 | 389 | 1,232 | | |
| 2015 | 452 | 375 | 397 | 1,224 | | |
| 2016 | 472 | 383 | 404 | 1,259 | | |
| 2017 | 495 | 390 | 413 | 1,298 | | |
| 2018 | 534 | 398 | 421 | 1,353 | | |
| 2019 | 561 | 406 | 429 | 1,397 | | |
| 2020 | 591 | 411 | 434 | 1,436 | | |
| 2021 | 614 | 419 | 443 | 1,476 | | |
| 2022 | 641 | 428 | 452 | 1,520 | | |
| 2023 | 661 | 436 | 461 | 1,558 | | |
| 2024 | 695 | 445 | 470 | 1,610 | | |
| 2025 | 448 | 249 | 263 | 960 | | |
| 2026 | 465 | 254 | 268 | 987 | | |
| 2027 | 477 | 259 | 274 | 1,010 | | |
| 2028 | 282 | 135 | 143 | 560 | | |
| 2029 | 296 | 138 | 146 | 580 | | |
| 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 | | |
| NOMINAL | 9,485 | 6,924 | 7,330 | 23,739 | | |
| NPV | 4,802 | 3,826 | 4,055 | 12,682 | | |
| Present Value: | | i=8.03% | | 12,682,498 | | |

PEC Residential Appliance Recycling - Vintage Year-2010

| | | BENI | EFITS | |
|----------------|-----------------------|-------------------|--------------------|-------------------|
| | (1) | (2) | (3) | (4) |
| | TOTAL | AVOIDED | AVOIDED | = |
| | FUEL & O&M SAVINGS | T&D CAP. COSTS | GEN. CAP. COSTS | TOTAL BENEFITS |
| YEAR | \$(000) | \$(00 <u>0)</u> | \$(000) | \$(000) |
| 2010 | 176 | 30 | 33 | 239 |
| 2011 | 180 | 31 | 33 | 244 |
| 2012 | 196 | 32 | 34 | 262 |
| 2013 | 202 | 33 | 35 | 269 |
| 2014 | 283 | 33 | 35 | 352 |
| 2015 | 300 | 34 | 36 | 370 |
| 2016 | 312 | 35 | 37 | 384 |
| 2017 | 327 | 36 | 38 | 400 |
| 2018 | 349 | 36 | 38 | 424 |
| 2019 | 366 | 37 | 39 | 442 |
| 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 |
| NOMINAL | 2,692 | 337 | 358 | 3,387 |
| NPV | 1,840 | 241 | 256 | 2,337 |
| Present Value: | | i=8.03% | | 2,336,853 |

PEC Energy Efficiency Business - Vintage Year-2010

| | BENEFITS | | | | | |
|----------------|--------------------|------------------|------------------|-------------------------|--|--|
| | (1) | (2) | (3) | (4) | | |
| | TOTAL | AVOIDED | AVOIDED | | | |
| | FUEL & O&M | T&D CAP. | GÉN. CAP. | TOTAL | | |
| YEAR | SAVINGS \$(000) | COSTS \$(000) | COSTS \$(000) | BENEFITS \$(000) | | |
| 2010 | 1,794 | 462 | 497 | 2,753 | | |
| 2011 | 1,640 | 474 | 507 | 2,622 | | |
| 2012 | 2,145 | 487 | 518 | 3,150 | | |
| 2013 | 1,855 | 500 | 528 | 2,883 | | |
| 2014 | 2,597 | 510 | 539 | 3,646 | | |
| 2015 | 2,711 | 520 | 550 | 3,781 | | |
| 2016 | 2,824 | 531 | 561 | 3,916 | | |
| 2017 | 2,956 | 541 | 572 | 4,069 | | |
| 2018 | 3,148 | 552 | 583 | 4,284 | | |
| 2019 | 3,303 | 563 | 595 | 4,461 | | |
| 2020 | 3,471 | 575 | 607 | 4,653 | | |
| 2021 | 3,618 | 586 | 619 | 4,823 | | |
| 2022 | 3,689 | 581 | 613 | 4,882 | | |
| 2023 | 3,834 | 592 | 626 | 5,051 | | |
| 2024 | 3,783 | 581 | 614 | 4,978 | | |
| 2025 | 2,701 | 474 | 501 | 3,676 | | |
| 2026 | 2,819 | 484 | 511 | 3,814 | | |
| 2027 | 2,918 | 493 | 521 | 3,932 | | |
| 2028 | 3,087 | 503 | 532 | 4,121 | | |
| 2029 | 3,227 | 513 | 542 | 4,283 | | |
| 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 | | |
| NOMINAL | 58,118 | 10,524 | 11,136 | 79,778 | | |
| NPV | 28,475 | 5,497 | 5,825 | 39,797 | | |
| Present Value: | | i=8.03% | | 39,796,763 | | |

PEC CIG DR - Vintage Year-2010

| | BENEFITS | | | | | | | | |
|----------------|--------------------|------------------|----------------|----------------|--|--|--|--|--|
| | (1) | (2) | (3) | (4) | | | | | |
| | TOTAL | AVOIDED | AVOIDED | | | | | | |
| | FUEL & O&M | T&D CAP. | GEN. CAP. | TOTAL | | | | | |
| YEAR | SAVINGS \$(000) | COSTS \$(000) | COSTS | BENEFITS | | | | | |
| 2010 | 245 | 0 | \$(000) 689 | \$(000) 934 | | | | | |
| 2010 | 61 | 0 | 702 | 763 | | | | | |
| 2011 | 56 | 0 | | | | | | | |
| | | | 716 731 | 772 700 | | | | | |
| 2013 | 67 | 0 | 731 | 798 | | | | | |
| 2014 | 81 | 0 | 745 | 827 | | | | | |
| 2015 | -15 | 0 | 760 | 745 | | | | | |
| 2016 | -23 | 0 | 775 | 752 | | | | | |
| 2017 | -25 | 0 | 791 | 766 | | | | | |
| 2018 | -13 | 0 | 807 | 794 | | | | | |
| 2019 | -19 | 0 | 823 | 804 | | | | | |
| 2020 | -5 | 0 | 839 | 834 | | | | | |
| 2021 | -4 | 0 | 856 | 852 | | | | | |
| 2022 | -3 | 0 | 873 | 870 | | | | | |
| 2023 | -9 | 0 | 891 | 882 | | | | | |
| 2024 | -7 | 0 | 909 | 902 | | | | | |
| 2025 | -5 | 0 | 927 | 922 | | | | | |
| 2026 | 16 | 0 | 945 | 961 | | | | | |
| 2027 | 3 | 0 | 964 | 968 | | | | | |
| 2028 | 1 | 0 | 983 | 985 | | | | | |
| 2029 | 23 | 0 | 1,003 | 1,026 | | | | | |
| 2030 | 16 | 0 | 1,023 | 1,039 | | | | | |
| 2031 | 18 | 0 | 1,044 | 1,061 | | | | | |
| 2032 | 14 | 0 | 1,065 | 1,079 | | | | | |
| 2033 | 13 | 0 | 1,086 | 1,099 | | | | | |
| 2034 | 19 | 0 | 1,108 | 1,126 | | | | | |
| 2035 | 16 | 0 | 1,130 | 1,146 | | | | | |
| 2036 | 13 | Ö | 1,152 | 1,165 | | | | | |
| 2037 | 20 | 0 | 1,175 | 1,195 | | | | | |
| 2038 | 20 | 0 | 1,199 | 1,219 | | | | | |
| 2039 | 19 | 0 | 1,223 | 1,242 | | | | | |
| NOMINAL | 593 | 0 | 27,935 | 28,528 | | | | | |
| NPV | 430 | 430 0 10,134 | | 10,564 | | | | | |
| Present Value: | | i≈8.03% | | 10,564,429 | | | | | |

Residential EnergyWise - Vintage Year-2010

| | | BEN | EFITS | | | |
|----------------|-----------------------|-------------------|-------------------|-------------------------|--|--|
| | (1) | (2) | (3) | (4) | | |
| | TOTAL | AVOIDED | AVOIDED | | | |
| | FUEL & O&M SAVINGS | T&D CAP. COSTS | GEN. CAP. | TOTAL | | |
| YEAR | \$(000) | \$(000) | COSTS \$(000) | BENEFITS \$(000) | | |
| 2010 | 529 | 0 | 3,823 | 4,352 | | |
| 2011 | 305 | Ō | 3,900 | 4,205 | | |
| 2012 | 325 | 0 | 3,978 | 4,303 | | |
| 2013 | 366 | 0 | 4,058 | 4,423 | | |
| 2014 | 394 | 0 | 4,139 | 4,533 | | |
| 2015 | -121 | 0 | 4,221 | 4,100 | | |
| 2016 | -166 | 0 | 4,306 | 4,139 | | |
| 2017 | -187 | 0 | 4,392 | 4,205 | | |
| 2018 | -117 | 0 | 4,480 | 4,363 | | |
| 2019 | -151 | 0 | 4,569 | 4,303 4,419 | | |
| 2020 | -80 | 0 | 4,661 | 4,581 | | |
| 2021 | -71 | 0 | 4,754 | 4,683 | | |
| 2022 | -73 | 0 | 4,849 | 4,776 | | |
| 2023 | -110 | 0 | 4,946 | 4,837 | | |
| 2023 | -101 0 | | 5,045 | 4,637 4,944 | | |
| 2025 | -89 | 0 | 5,146 | 5,057 | | |
| 2026 | 20 | 0 | 5,24 9 | 5,269 | | |
| 2027 | -52 | 0 | 5,354 | 5,302 | | |
| 2028 | -68 | 0 | 5,461 | 5,392 | | |
| 2029 | 45 | 0 | 5,570 | 5,615 | | |
| 2030 | -5 | 0 | 5,682 | 5,676 | | |
| 2031 | 4 | 0 | 5,795 | 5,800 | | |
| 2032 | -9 | 0 | 5,793 5,911 | 5,800 5,902 | | |
| 2032 | - 9 -15 | 0 | 6,02 9 | 6,014 | | |
| 2034 | -13 | 0 | 6,150 | 6,152 | | |
| 2035 | -11 | 0 | 6,273 | 6,262 | | |
| 2036 | -34 | 0 | 6,398 | 6,364 | | |
| 2037 | -8 | 0 | 6,526 | 6,518 | | |
| 2037 | -o -5 | 0 | 6,657 | 6,652 | | |
| 2039 | -3 -20 | 0 | 6,790 | 6,769 | | |
| 2033 | -20 | U | U,7 3U | 0,703 | | |
| NOMINAL | INAL 493 0 155,112 | | 155,606 | | | |
| NPV | 1,007 | 0 | 56,272 | 57,278 | | |
| Present Value: | | i=8.03% | | 57,278,141 | | |

PEC Residential Lighting Program - Vintage Year-2011

| | BENEFITS | | | | | | | | | |
|----------------|--------------------|----------------|------------------|----------------------------|--|--|--|--|--|--|
| | (1) | (2) | (3) | (4) | | | | | | |
| | TOTAL | AVOIDED | AVOIDED | | | | | | | |
| | FUEL & O&M | T&D CAP. | GEN, CAP. | TOTAL | | | | | | |
| YEAR | SAVINGS \$(000) | COSTS | COSTS \$(000) | BENEFITS \$(000) | | | | | | |
| 2011 | 3,360 | \$(000) 478 | 511 | 4,349 | | | | | | |
| 2012 | 3,300 4,148 | 490 | 521 | 5,160 | | | | | | |
| 2012 | 3,780 | 503 | 532 | 4,815 | | | | | | |
| 2013 | 5,780 5,310 | 503 513 | 542 | 4,813 6,366 | | | | | | |
| 2015 | 7,372 | 513 524 | 553 | 8,449 | | | | | | |
| 2016 | 7,372 5,894 | 534 | 564 | 6,992 | | | | | | |
| 2017 | 5,654 6,173 | 534 545 | 576 | 7,293 | | | | | | |
| 2017 | | | | | | | | | | |
| | 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 | | | | | | |
| NOMINAL | 36,037 | 3,587 | 3,799 | 43,424 | | | | | | |
| NPV | 27,953 | 2,860 | 3,031 | 33,844 | | | | | | |
| Present Value: | | i=8.03% | | 33,844,062 | | | | | | |

PEC Residential Home Advantage - Vintage Year-2011

| | BENEFITS | | | | | | | | |
|------------------|--------------------|----------|-----------|----------------|--|--|--|--|--|
| | (1) | (2) | (3) | (4) | | | | | |
| | TOTAL | AVOIDED | AVOIDED | | | | | | |
| | FUEL & O&M | T&D CAP. | GEN. CAP. | TOTAL | | | | | |
| YEAR | SAVINGS \$(000) | COSTS | COSTS | BENEFITS | | | | | |
| 2011 | 167 | \$(000) | \$(000) | \$(000) 334 | | | | | |
| | | 81 | 86 | | | | | | |
| 2012 | 182 | 83 | 88 | 354 | | | | | |
| 2013 | 189 | 85 | 90 | 365 | | | | | |
| 2014 | 263 | 87 | 92 | 442 | | | | | |
| 2015 | 269 | 89 | 94 | 451 | | | | | |
| 2016 | 281 | 90 | 95 | 467 | | | | | |
| 2017 | 295 | 92 | 97 | 485 | | | | | |
| 2018 | 315 | 94 | 99 | 508 | | | | | |
| 2019 | 331 | 96 | 101 | 528 | | | | | |
| 2020 | 349 | 98 | 103 | 550 | | | | | |
| 2021 | 364 | 100 | 105 | 569 | | | | | |
| 2022 | 377 | 102 | 108 | 587 | | | | | |
| 2023 | 393 | 104 | 110 | 606 | | | | | |
| 2024 | 412 | 106 | 112 | 629 | | | | | |
| 2025 | 437 | 108 | 114 | 660 | | | | | |
| 2026 | 352 | 78 | 82 | 512 | | | | | |
| 2027 | 365 | 79 | 84 85 | 527 | | | | | |
| 2028 | 387 | 81 | | 553 | | | | | |
| 202 9 | 400 | 81 | 86 | 567 | | | | | |
| 2030 | 413 | 83 | 87 | 583 | | | | | |
| 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 | | | | | |
| NOMINAL | 6,540 | 1,815 | 1,920 | 10,276 | | | | | |
| NPV | 3,115 | 954 | 1,009 | 5,078 | | | | | |
| Present Value: | | i=8.03% | | 5,078,297 | | | | | |

PEC Residential Home Energy Improvement - Vintage Year-2011

| | | BENI | EFITS | | | | |
|----------------|-----------------------|-------------------|--------------------|-------------------|--|--|--|
| | (1) | (2) | (3) | (4) | | | |
| | TOTAL | AVOIDED | AVOIDED | T0741 | | | |
| | FUEL & O&M SAVINGS | T&D CAP. COSTS | GEN. CAP. COSTS | TOTAL BENEFITS | | | |
| YEAR | \$(000) | \$(000) | \$(000) | \$(000) | | | |
| 2011 | 336 | 354 | 379 | 1,069 | | | |
| 2012 | 362 | 353 | 376 | 1,092 | | | |
| 2013 | 378 | 363 | 383 | 1,124 | | | |
| 2014 | 515 | 370 | 391 | 1,276 | | | |
| 2015 | 495 | 378 | 399 | 1,272 | | | |
| 2016 | 518 | 385 | 407 | 1,310 | | | |
| 2017 | 543 | 393 | 415 | 1,351 | | | |
| 2018 | 584 | 401 | 423 | 1,408 | | | |
| 2019 | 614 | 409 | 432 | 1,454 | | | |
| 2020 | 651 | 417 | 440 | 1,508 | | | |
| 2021 | 640 | 403 | 426 | 1,468 | | | |
| 2022 | 668 | 411 | 434 | 1,513 | | | |
| 2023 | 690 | 419 | 443 | 1,552 | | | |
| 2024 | 726 | 428 | 452 | 1,606 | | | |
| 2025 | 771 | 436 | 461 | 1,667 | | | |
| 2026 | 435 | 244 | 258 | 936 | | | |
| 2027 | 445 | 249 | 263 | 957 | | | |
| 2028 | 471 | 254 | 268 | 992 | | | |
| 2029 | 319 | 151 | 160 | 630. | | | |
| 2030 | 327 . | 155 | 163 | 645 · | | | |
| 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 | | | |
| NOMINAL | 10,487 | 6,971 | 7,371 | 24,829 | | | |
| NPV | 5,386 | 3,856 | 4,080 | 13,322 | | | |
| Present Value: | | i=8.03% | | 13,321,999 | | | |

PEC Residential Appliance Recycling - Vintage Year-2011

| | BENEFITS | | | | | | | | |
|----------------|--------------------|------------------|------------------|---------------------|--|--|--|--|--|
| | (1) | (2) | (3) | (4) | | | | | |
| | TOTAL | AVOIDED | AVOIDED | | | | | | |
| | FUEL & O&M | T&D CAP. | GEN. CAP. | TOTAL | | | | | |
| YEAR | SAVINGS \$(000) | COSTS \$(000) | COSTS \$(000) | BENEFITS \$(000) | | | | | |
| 2011 | 281 | 49 | 52 | 382 | | | | | |
| 2012 | 307 | 50 | 53 | 410 | | | | | |
| 2013 | 316 | 51 | 54 | 422 | | | | | |
| 2014 | 444 | 52 | 55 | 552 | | | | | |
| 2015 | 469 | 53 | 57 | 579 | | | | | |
| 2016 | 489 | 55 | 58 | 601 | | | | | |
| 2017 | 513 | 56 | 59 | 628 | | | | | |
| 2018 | 546 | 57 | 60 | 663 | | | | | |
| 2019 | 573 | 58 | 61 | 692 | | | | | |
| 2020 | 600 | 59 | 62 | 721 | | | | | |
| 2021 | 0 | 0 | 0 | 0 | | | | | |
| 2022 | Ö | Ō | Ö | 0 | | | | | |
| 2023 | 0 | Ö | 0 | Ō | | | | | |
| 2024 | 0 | Ō | Ö | 0 | | | | | |
| 2025 | o | 0 | Ō | 0 | | | | | |
| 2026 | 0 | 0 | Ō | 0 | | | | | |
| 2027 | Ō | 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 | σ | 0 | 0 | 0 | | | | | |
| NOMINAL | 4,538 | 540 | 572 | 5,650 | | | | | |
| NPV | 3,113 | 386 | 409 | 3,908 | | | | | |
| Present Value: | | i=8.03% | | 3,908,280 | | | | | |

PEC Energy Efficiency Business - Vintage Year-2011

| | BENEFITS (1) (2) (3) (4) TOTAL AVOIDED AVOIDED TOTAL FUEL & O&M T&D CAP. GEN. CAP. TOTAL SAVINGS COSTS COSTS BENEFITS \$(000) \$(000) \$(000) \$(000) 2,086 747 799 3,631 2,646 767 816 4,229 2,381 792 837 4,009 3,325 808 854 4,987 3,444 825 871 5,140 3,586 841 889 5,316 | | | | | | | | |
|----------------|---|---------|------------|------------|--|--|--|--|--|
| | | (2) | (3) | (4) | | | | | |
| | | | | | | | | | |
| • | | | | | | | | | |
| YEAR | · · · · · · · · · · · · · · · · · · · | | | | | | | | |
| 2011 | | | | | | | | | |
| 2012 | • | | | | | | | | |
| 2012 | | | | | | | | | |
| 2013 | - | | | • | | | | | |
| | | | | • | | | | | |
| 2015 | | | | | | | | | |
| 2016 | | | | | | | | | |
| 2017 | 3,752 | 858 | 906 | 5,516 | | | | | |
| 2018 | 3,996 | 875 | 924 | 5,796 | | | | | |
| 2019 | 4,191 | 893 | 943 | 6,027 | | | | | |
| 2020 | 4,404 | 911 | 962 | 6,277 | | | | | |
| 2021 | 4,595 | 929 | 981 | 6,505 | | | | | |
| 2022 | 4,760 | 948 | 1,001 | 6,708 | | | | | |
| 2023 | 4,353 | 801 | 846 | 6,000 | | | | | |
| 2024 | 5,102 | 817 | 863 | 6,782 | | | | | |
| 2025 | 4,482 | 777 | 821 | 6,079 | | | | | |
| 2026 | 4,542 | 775 | 818 | 6,135 | | | | | |
| 2027 | 5,327 | 790 | 835 852 | 6,952 | | | | | |
| 2028 | 4,971 | 806 | | 6,629 | | | | | |
| 2029 | 5,197 | 822 | 869 | 6,888 | | | | | |
| 2030 | 5,377 | 839 | 886 | 7,101 | | | | | |
| 2031 | 0 | 0 | 0 | 0 | | | | | |
| 2032 | 0 | 0 | 0 | 0 | | | | | |
| 2033 | 0 | 0 | 0 | 0 | | | | | |
| 2034 | 0 | 0 | 0 | 0 | | | | | |
| 2035 | O | 0 | 0 | 0 | | | | | |
| 2036 | 0 | 0 | 0 | 0 | | | | | |
| 2037 | 0 | 0 | 0 | 0 | | | | | |
| 2038 | 0 | 0 | 0 | 0 | | | | | |
| 2039 | 0 | 0 | 0 | 0 | | | | | |
| NOMINAL | 82,516 | 16,619 | 17,571 | 116,706 | | | | | |
| NPV | 39,436 | 8,740 | 9,248 | 57,425 | | | | | |
| Present Value: | | i=8.03% | | 57,424,662 | | | | | |

PEC CIG DR - Vintage Year-2011

| | BENEFITS | | | | | | | | |
|----------------|-----------------------|-------------------|--------------------|-------------------|--|--|--|--|--|
| | (1) | (2) | (3) | (4) | | | | | |
| | TOTAL | AVOIDED | AVOIDED | | | | | | |
| | FUEL & O&M SAVINGS | T&D CAP. COSTS | GEN. CAP. COSTS | TOTAL BENEFITS | | | | | |
| YEAR | \$(000) | \$(000) | \$(000) | _ \$(000) | | | | | |
| 2011 | 118 | 0 | 1,435 | 1,553 | | | | | |
| 2012 | 114 | 0 | 1,464 | 1,578 | | | | | |
| 2013 | 138 | Ö | 1,493 | 1,631 | | | | | |
| 2014 | 166 | 0 | 1,523 | 1,690 | | | | | |
| 2015 | -32 | Ö | 1,554 | 1,521 | | | | | |
| 2016 | -49 | ō | 1,585 | 1,536 | | | | | |
| 2017 | -54 | 0 | 1,616 | 1,562 | | | | | |
| 2018 | -29 | o | 1,649 | 1,620 | | | | | |
| 2019 | -39 | 0 | 1,682 | 1,642 | | | | | |
| 2020 | -15 | Ö | 1,715 | 1,701 | | | | | |
| 2021 | -9 | 0 | 1,750 | 1,741 | | | | | |
| 2022 | -9 | 0 | 1,785 | 1,776 | | | | | |
| 2023 | -22 | 0 | 1,820 | 1,799 | | | | | |
| 2024 | -17 | 0 | 1,857 | 1,840 | | | | | |
| 2025 | -11 | 0 | 1,894 | 1,883 | | | | | |
| 2026 | 31 | Ō | 1,932 | 1,963 | | | | | |
| 2027 | 5 | Ö | 1,970 | 1,976 | | | | | |
| 2028 | 1 | Ö | 2,010 | 2,010 | | | | | |
| 2029 | - 46 | Ō | 2,050 | 2,096 | | | | | |
| 2030 | 28 | 0 | 2,091 | 2,119 | | | | | |
| 2031 | 35 | Ō | 2,133 | 2,167 | | | | | |
| 2032 | 30 | Ō | 2,176 | 2,206 | | | | | |
| 2033 | 26 | 0 | 2,219 | 2,245 | | | | | |
| 2034 | 36 | 0 | 2,263 | 2,300 | | | | | |
| 2035 | 31 | 0 | 2,309 | 2,340 | | | | | |
| 2036 | 27 | 0 | 2,355 | 2,382 | | | | | |
| 2037 | 38 | 0 | 2,402 | 2,440 | | | | | |
| 2038 | 43 | 0 | 2,450 | 2,493 | | | | | |
| 2039 | 37 | 0 | 2,499 | 2,536 | | | | | |
| | | | | 50.0.5 | | | | | |
| NOMINAL | 665 | 0 | 55,679 | 56,345 | | | | | |
| NPV | 388 | 388 0 20,853 2 | | 21,241 | | | | | |
| Present Value: | | i=8.03% | | 21,240,848 | | | | | |

Residential EnergyWise - Vintage Year-2011

| | | BENEFITS (2) | | | | | | | | | |
|----------------|------------|--------------|-----------|------------|--|--|--|--|--|--|--|
| | (1) | (2) | (3) | (4) | | | | | | | |
| | TOTAL | AVOIDED | AVOIDED | | | | | | | | |
| | FUEL & O&M | T&D CAP. | GEN. CAP. | TOTAL | | | | | | | |
| | SAVINGS | COSTS | COSTS | BENEFITS | | | | | | | |
| YEAR | \$(000) | \$(000) | \$(000) | \$(000) | | | | | | | |
| 2011 | 304 | 0 | 3,876 | 4,180 | | | | | | | |
| 2012 | 323 | 0 | 3,954 | 4,276 | | | | | | | |
| 2013 | 364 | 0 | 4,033 | 4,397 | | | | | | | |
| 2014 | 392 | 0 | 4,113 | 4,505 | | | | | | | |
| 2015 | -124 | 0 | 4,195 | 4,072 | | | | | | | |
| 2016 | -169 | 0 | 4,279 | 4,111 | | | | | | | |
| 2017 | -189 | 0 | 4,365 | 4,176 | | | | | | | |
| 2018 | -120 | 0 | 4,452 | 4,332 | | | | | | | |
| 2019 | -154 | 0 | 4,541 | 4,387 | | | | | | | |
| 2020 | -83 | 0 | 4,632 | 4,549 | | | | | | | |
| 2021 | -74 | 0 | 4,725 | 4,651 | | | | | | | |
| 2022 | -76 | 0 | 4,819 | 4,743 | | | | | | | |
| 2023 | -113 | 0 | 4,916 | 4,803 | | | | | | | |
| 2024 | -105 | 0 | 5,014 | 4,909 | | | | | | | |
| 2025 | -92 | 0 | 5,114 | 5,022 | | | | | | | |
| 2026 | 17 | 0 | 5,217 | 5,233 | | | | | | | |
| 2027 | -56 | 0 | 5,321 | 5,265 | | | | | | | |
| 2028 | -72 | 0 | 5,427 | 5,355 | | | | | | | |
| 2029 | 41 | 0 | 5,536 | 5,577 | | | | | | | |
| 2030 | -10 | 0 | 5,647 | 5,637 | | | | | | | |
| 2031 | 0 | 0 | 5,760 | 5,759 | | | | | | | |
| 2032 | -14 | 0 | 5,875 | 5,861 | | | | | | | |
| 2033 | -20 | 0 | 5,992 | 5,972 | | | | | | | |
| 2034 | -3 | 0 | 6,112 | 6,109 | | | | | | | |
| 2035 | -16 | 0 | 6,234 | 6,218 | | | | | | | |
| 2036 | -39 | 0 | 6,359 | 6,320 | | | | | | | |
| 2037 | -13 | 0 | 6,486 | 6,473 | | | | | | | |
| 2038 | -8 | 0 | 6,616 | 6,608 | | | | | | | |
| 2039 | -27 | 0 | 6,748 | 6,722 | | | | | | | |
| NOMINAL | -136 | 0 | 150,359 | 150,223 | | | | | | | |
| NPV | 482 | 0 | 56,312 | 56,793 | | | | | | | |
| Present Value: | i | =8.03% | | 56,793,200 | | | | | | | |

Residential EE Benchmarking Program -Vintage Year-2011

| | BENEFITS | | | | | | | | | |
|----------------|-----------------------|-------------------|--------------------|-------------------|--|--|--|--|--|--|
| | (1) | (2) | (3) | (4) | | | | | | |
| | TOTAL | AVOIDED | AVOIDED | TAT.1 | | | | | | |
| | FUEL & O&M SAVINGS | T&D CAP. COSTS | GEN, CAP. COSTS | TOTAL BENEFITS | | | | | | |
| YEAR | \$(000) | \$(000) | \$(000) | \$(000) | | | | | | |
| 2011 | 913 | 159 | 217 | 1,289 | | | | | | |
| 2012 | 0 | 0 | 0 | O | | | | | | |
| 2013 | 0 | 0 | 0 | 0 | | | | | | |
| 2014 | 0 | 0 | 0 | 0 | | | | | | |
| 2015 | 0 | 0 | 0 | 0 | | | | | | |
| 2016 | 0 | 0 | 0 | 0 | | | | | | |
| 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 | O | 0 | 0 | O | | | | | | |
| NOMINAL | 913 | 159 | 217 | 1,289 | | | | | | |
| NPV | 913 | 159 | 217 | 1,289 | | | | | | |
| Present Value: | i | =8.03% | | 1,289,059 | | | | | | |

Net Lost Revenue Summary

| | _ | Test P | eriod | Prospecti | ve Period | Rati | e Period |
|---|----------|---------------------|-----------------|-----------|-----------------|------------|------------------|
| | Source | ce MWH Net Lost Rev | | MWH | Net Lost Rev | MWH | Net Lost Rev |
| Residential Programs | | | | <u> </u> | | | |
| Home Advantage | W/P D-2a | 2,101.21 | \$ 119,456.74 | 1,335.73 | \$ 75,250.02 | 6,880.84 | \$ 387,326.25 |
| Home Energy Improvement | W/P D-2b | 4,573.18 | 259,992.36 | 3,003.75 | 169,220.27 | 14,394.54 | 810,276.66 |
| Residential Lighting | W/P D-2c | 51,353.63 | 2,919,531.15 | 31,561.95 | 1,778,085.66 | 155,258.12 | 8,739,563.42 |
| Neghborhood Energy Saver | W/P D-2d | 3,245.67 | 184,521.28 | 1,954.96 | 110,135.18 | 9,397.69 | 529,001.15 |
| Residential Appliance Recycling | W/P D-2e | 2,193.37 | 124,696.18 | 1,889.56 | 106,450.68 | 11,735.89 | 660,619.52 |
| Residential Benchmarking Program | W/P D-2f | - | - | 2,052.72 | 115,642.80 | 12,316.32 | 693,292.29 |
| EnergyWise | W/P DR | 26.63 | 7,657.00 | | <u> </u> | | |
| Residential Total | | 63,493.68 | \$ 3,615,854.70 | 41,798.66 | \$ 2,354,784.61 | 209,983.41 | \$ 11,820,079.29 |
| Commercial, Industrial and Governmenta | l | | | | | | |
| Energy Efficiency For Business | W/P D-2h | 34,556.40 | \$ 1,569,478.93 | 18,945.14 | \$ 850,688.73 | 89,864.92 | \$ 4,031,063.33 |
| CIG Demand Response Program | W/P DR | 80.05 | 3,635.60 | | <u>-</u> | | |
| Commercial, Ind and Govt Total | | 34,636.45 | \$ 1,573,114.53 | 18,945.14 | \$ 850,688.73 | 89,864.92 | \$ 4,031,063.33 |
| Total Recoverable Net Lost Revenues and | MWHs = | 98,130.13 | \$ 5,188,969.24 | 60,743.79 | \$ 3,205,473.34 | 299,848.33 | \$ 15,851,142.61 |

| | ogress E | nergy | Carolina | s, Inc. | | معمدة حملا المعمد | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|--------------------|------------------|---------------|---------------|--|----------------|----------------|----------------|----------------|--------------|---------------------------|----------------|---------|---------------------|----------------|---------------|--------------------|---------------|---------------|-------------|---------------|------------------|--------------|----------------|---------------------------|
| The state of the | | | | Vinte | e - 2000 | Vintage | e - 2010 | | - 2011 | Vistage - 2012 | _ | | Vintage - 1 | | | Vintage - | 2019 Plorth (| | | - 2011 (North | | Vintage - 20 | | E All Vird | ngen (Piarth C | Carolina) |
| 1 | ı | | | Vogaya MWH | | | | | Placetywentile | | _ | Allocation Contra 6471 | Recoveratio | | | Percoveragile | Recovered | | Recoverate | Removement | | Recoverable F | | Australiy | Receivered. | Over(Under) E Recovery |
| | 98 - | 4542 | 16.06 | | 379 | | | | | | | M. JI'A | 3.21 | (man) | (321) | | - | 1 resorm) | Land | Lighten | T sectional | - | Tomos Suscession | 121 | - Constant | |
| | 0 1 | 1E11 52.17 | 17.44 | | | | _ - | - : | <u>:</u> | | = I. | 64 817s, | 4 35 4 04 | - : | (7.58) 115.506 | : | • | : | : | : | : | - | : : | 4 35 8 54 | - : | (7.50 (15.50 (27.70 |
| 10 | 9 ~ | 50.55 | 17,02 | | | | | | | | | W 81/ | 1161 | - | <i>Q</i> (2) | - · | - | • | · | | | | | 11.61 | - | 212 |
| 10 | | | | | | | | | | | -((' | 65.00% 86.00% | 14 91 19 54 | | (42.11) etc 654 | • | • | : | • | • | | • | : : | | • | (4211 |
| 1 | 9 ~ | 25.62 | 1260 | 36.0 | 20 | | | | | :: | <u> </u> | 65,07% | 22.02 | 131 97 | 7 20 19 | <u> </u> | | <u>-</u> | <u></u> _ | : | | | . <u> </u> | 22.02 | 171 67 | (61.65 (8),19 |
| 1 | 09 to | | | | | | | | • | | 7 | | 25.00 | | | | | | | | <u>-</u> | | | | | 92 31 67 |
| 1 | | 2210 | 7.82 | 391 | 37 80 | · · · · · · | | | | | _ _ | ason. | 12.15 | | (D449) | : | | | | - : | | : | : : | 22,15 | : | 94 |
| 1 | 09 ·- | | | | | · · | | - | | | _[5] | Min. | 41.03 | - | (41,52) | • | - | : | • | • | • | • | | | • | PLS PA N |
| 1 | 16 ~ | | | | | 736 | <u> (13</u> | | | | - " | 85.09% | # 47 | : | (14.76) | 521 | : | (621) | : | : | | : | : : | | | U380 |
| 1 | 10 44 | | | | | | | | | | | | | 91441 | | | - | | • | - | • | - | | 57.ms | | η(2 1 |
| 1 | 10 - | | 30.20 | | 5180 | 1124 | | : | | | - - | BLUST. | 46.62 | 217-1 | | 24.24 | - 101 | | — <u> </u> | $-\div$ | | - | -:: | | 24108 | (15.44 (16.35 |
| Total Tota | 10 - | | | | | | | <u> </u> | | | _ ' ' | | | • | | | - | | • | | • | - | | F 45 | - | (102.7 |
| 1 | 3 - | | | = | 31 N | 234 | 917 | : - | | | | 2541% | 46.81 | 161 30 | 0 (123.77) | 8043 | 176.00 | (43.03) (43.03) | . : | : | - : | : | : : | | 337.90 | (200 G (82.3 |
| 10 10 10 10 10 10 10 10 | H - | | | | | | | | | | =7 | | | | | | <u>-</u> | | | <u>-</u> - | | ·· | | 141.65 | | (224 Z |
| 10 10 10 10 10 10 10 10 | ·10 ~ | | | | | | | | | | ~ | | 41.61 45.81 | : | | | | (24904) | | : | | · | : : | | • | (201.9) (550.9) |
| Total Street | 10 | 229 10 | 79.07 | | 54 81 | | 171 06 | | | | | E start | 4.n | | (228.53) | 146,10 | - | (524 00) | | | - | - | | 192.91 | | (751 4 |
| To No. Section Sec | 10 - | | | | | 1965 | | 47 1 | 44.00 | | - l | | | | (273.34) Pan 154 | 155-5 | • | | 47.00 | - : | 147 97 | . : | : : | | • | \$51.9 (1,200.1) |
| 1 | 11 | 320,89 | 113.97 | | . 54 M | - | 176,99 | 3219 | 42.65 | | <u>-</u> | 65.41% | 40,01 | : | (308.90) | 152.00 | : | (ME 47) | 70.76 | : | (118,000 | | : : | 271.25 | : | (1,000 a |
| To 10 10 10 10 10 10 10 1 | 11 | | | | | <u>.</u> | | | | | _ | | | 413 77 | | | 1,136 65 | | | 209 C | | - | | | 1,75170 | (301.0 |
| To 10 | 11 4 | 394,00 | 151.01 | | 54 (1) | | | | | | - | 65.53% | 45,88 | : | | | | | | | | | : : | | : | (301.00 (630.71 |
| 1 23 26 26 16 16 26 26 17 | 11 _re | 1/2.38 | 65 40 | | 5111 | | | | | | = | 86.576 | 45.00 | 127 44 | (140.57) | | - - | (081.4T) | | | | | | | | (945.4) |
| 1 | -11 H | 728 15 | E.56 | | | | | | | | | | | <u></u> | | | | | | | : | - · <u>-</u> | | | 1,3573 | |
| | -11 6- | 245.90 | 93,30 | | | | 17910 | | | | | | | - | - | | - | - | - | | - | - | | | | - |
| 1 | 11 6 | 305.74 | 115.39 | : | | | | | | | | | : | | : | : | : | : | | : | - | : | : : | . : | | |
| | 41 | 11661 | 44 24 | | 54 84 | <u> </u> | 178.93 | 198.6 | 265 41 | | _ r | 65.53% | 46.00 | - | - | | - | | | | | - | | | | |
| | 12 ** | | | | | - : | | | | | | | | : | | | : | : | | - : | | | : : | | • | |
| 7 | .17 | 165.95 | 79.55 | | 418 | | 179 97 | | | 1657 4 | ਕ | E 65% | 3877 | | | 153 90 | | - | 244 12 | - | - | 276 | : : | 470 54 | - | |
| 7 | 12 h | | | | | ÷ | | <u>-</u> | | 264.4 70 | <u></u> [' | | | • | - | | - | • | | - | - | | | | • | |
| | 7 . | | 141.16 | | 31 63 | - | | · | 265.41 | 371.9 172 | | 86.57% | 27 23 | | | 153 90 | - | | 244 12 | | | W7 73 | : : | 973,97 | | |
| 1 | 17 - | E7E53 | 234.57 | | | | | <u>-</u> _ | 201.41 | 524 275. | | | | - | | | • | - | | - | - | | | | • | - |
| 1 | -12 u | 5TC 49 | 201.27 | | 16,40 | | ;79.93 | | 265.41 | 570.5 310. | 76 | 95,53% | 13.90 | | - | 153,90 | - | | | | - | | : : | | | |
| | 17 1- | 661 75 | 251 07 | : | | | | | | 861.7 3/4 | 红! | | | - | • | | • | • | | - | • | | | | • | • |
| 10 10 10 10 10 10 10 10 | -12 | 251,57 | 95.45 | | | | | | | | | | 2,02 | : | | 19710 | - | : | 244 12 | : | : | 451,60 - | : : | /20/23 | : | : |
| 3 | 13 to | 245.17 | 93 02 | | | - | 173.60 | | | - 432 | <u>05</u> | | • | | - | - | - | • | - | - | - | - | | | - | - |
| 1 | -13 to | 391.54 277.46 | 117 42 125 42 | | - | | | | | | | | : | : | : | : | : | : | : | | : | : | : : | : | : | |
| 1 | 13 | 424,95 | 161.23 | | <u> </u> | | 151 40 | | | | | | - | - | | • | - | - | | | • | • | | | - | |
| 13 | 13 | 1,28301 466.71 | 46 80 210 M | : | | | | | | | | | : | : | : | : | : | : | | - | : | : | : : | : | • | - |
| 13 16 172 7000 188 28.4 1726 | 13 6- | 939 M | 356 57 | | | | 64 | | 265.41 | . 12 | 05 | | - | | - | | - | - | | | Ţ | : | | | - : | |
| 13 16 172 7000 188 28.4 1726 | 13 - | 736,50 | | | | | | | | | | | : | : | | • | - | : | • | • | • | • | : : | : | • | |
| 13 16 172 7000 188 28.4 1726 | 13 | 885.84 | 3/5/10 | | | | 27.97 | - | 265 41 | - 432 | <u> </u> | | | | - | | - | | | - : | - | : | : : | į. | | |
| | -13 | 817 22 | | | | | 1 (4 | | | | | | - | • | • | | • | - | - | • | | - | | - | • | • |
| | 14 | 765.89 | | ; | | | | | | | | | : | | | - : | - : | : | : | - : | | : | : : | i i | : | |
| | | 365.00 | 134.64 | | | | | | | | | | • | • | - | | • | - | • | • | | • | | | - | |
| | -14 so | 327,41 500.74 | 124 27 | | | | —- <u>:</u> - | | | | | | : | | : | : | | : | : | : | | : | : : | | • | : |
| 4 Ligr 45 Call | -14 - n | 1,511.84 | 573 61 | | - | | | · . | | | | | | - | - | - | - | - | | - | - | | | | - | - |
| 12 | 14 04 | 654 61 1 107 40 | 748 44 | | | | <u>-</u> _ | <u>.</u> | | | | | - | : | | • | • | - : | • | • | : | • | : : | | - | |
| 4 1,165 4229 | 4 | ME PI | 228.07 | | | | | | 78.90 | - 422. | œ . | | - | - | | | - | - | | | - | | | : | | - |
| 14 *** ******************************** | 14 6 | 934 67 | 351 40 | | | | | | | - 452 | <u>\$</u> | | : | • | • | • | • | - | • | • | - | • | : : | • | • | - |
| 14 a 40 95 140,001 | -14 +- | P62.96 | 365.74 | | | | | - - | | 432 | 06 | | : | | | : | : | : | : | : | | : | : : | : | : | |
| S | -14 | 4296 | 188,04 | : | | | | | | | | | • | • | • | - | - | | • | - | • | - | | - | • | |
| 15 | -15 | | | : | | | - | | | | | | : | : | : | : | : | : | : | : | : | : | : : | : | : | - |
| 15 | -15 · | | | | | | | | | | | | • | - | | - | | • | • | - | - | • | | | - | - |
| | | | | | | | - - | : | | | | | : | : | : | : | : | : | : | : | | : | : : | - | : | |
| 15 188,68 15 12:08 15 2 188,54 15 2995 | -15 - | | | | : | | | | · | - 2:0 | 12 | | • | • | • | - | | | | - | • | | | | - | - |
| 15 - 10.54 15 - 23.95 | 15 🕶 | | | = | | - - | <u>:</u> | = | | | | | • | • | : | • | • | - | • | • | • | • | | • | • | - |
| 15 - 10.54 15 - 23.95 | -15 - | | | | : | | : | : | : | . 12 | 58 | | | - | : | : | : | | : | - : | : | : | : : | : | : | : |
| | -15 - | | | | | | | | | | | | • | • | • | • | • | - | - | • | • | - | | | | - |
| | | . 1 s s | - | (gna | | \$4796 | 6474 | 10.274.44 | 18 7 k 41 | | | | 1160 | 1.166 | | 195% | 1 167 7 | ens. | 107 | 701 7 | , mm | | | 180= | 3866 | |

| | | | | | | 71mg. | ving | | | | - | | - | | | _ | | | _ | |
|------------|-------------------------------|------------|-----|----------|--|-----------|----------|-------------|-------------|----------|-------------|-------------|----------|------------|------------|---------|-----------|------------|-----------|------------|
| | | Start Date | _ ~ | End Date | Source Documents for Reserved Lost MVITs | MAH | <u> </u> | Recovery | WANTE | Refer | Recovery | MWH | Rado | Recovery | LANK | Rate | Recovery | IA/AI | <u>Ræ</u> | Recovery |
| Sub #31 | Test Penod | See-07 | | Nav-OS | 64. Sab 131 Completon Exhit 2 (Pages 1 & 2) | . 1 | | | - 1 | - 1 | | | - 5 | _ | - 1 | | _ | | | |
| | Prospuctor Period | Apr-06 | ь | 30-04 | 6-2, Sub 831 Complance Exhibt 2 (Pages 1 & 2) | | | | | | - | | | - | - | | - | | | |
| | Less Pror Propositive Perced | Apr-07 | - | 34-07 | Partial Not Applicable to Applysa | _ | | | | | - | _ | | <i>:</i> | - | - | - | | | |
| | Net Regovenes | - April | ** | | L at their Love's Adolescence, and Assembles | • | 1 | | - | 1 | | - | 1 | | - | | | • | 5 | • |
| Bub 951 | Test Purcel | Apr-04 | ю | Mar-01 | 5-2, Sub 151 Workpaper D-2 | - 1 | - 1 | | | . , | | | | | | | _ | . 1 | | |
| | Prosection Period | Apr-09 | 6 | Jul-09 | G-2, Sub 951 Workpaper D-2 | 171.07 | 57,12 | 9.018.06 | | | | | | | | | - | 171 87 | 57,12 | 9,818 05 |
| | Less Pror Propositive Percel | Apr-00 | ь | 7408 | E-2, 3th R31 Complement Exhall 2 (Pages 1 & 2) | | | | | | - | | | - | | - | | | | |
| | Net Recoveries | | _ | | | 17. 87 | • | 5 (*A.06 | - | . 6 | • | | | - | • | | - | 1718 | | 9 814.05 |
| Bub \$77 | Test Pered | Agn-89 | ь | Mer-10 | 6-2, 8-0-977 Workpaper D-3 | 30.34 1 | 57.00 \$ | 22,052.92 | 30 61 S | 57 00 g | 1,747 48 | | - 1 | | . 1 | - 1 | | 41ESS \$ | 57.00 £ | 2,000 |
| | Presentant Percent | Apr-15 | 10 | A4-18 | E-2, Sub 977 Westpage D-3 | 161,30 | 57 05 | 9.701 B4 | 176.00 | 57.05 | 10,079 46 | - | | | | | | 337,98 | 5706 | 19 281.30 |
| | Less: Prer Prospective Period | Apr-09 | b | 1400 | 6-2, Sub 161 Wortsman D-7 | 171,07 | 57.12 | 9810,05 | | - | | _ • | | | | | | 171,67 | 57.12 | 9,016.05 |
| | Hall Recovering | | | | | 375.16 | 8 | 21,416.70 | 207.10 | • | 11,020,94 | - | s | · | · | | | 560.06 | - 1 | 27,424 |
| Visinge Am | ounts ihrs Sub \$77 | | | | | 447 ED | • | 31 254 76 | 207.30 | • | 11,836.94 | • | | | | | | 75493 | • | 43.001,70 |
| Sub 1002 | Total Parmed | Apr-10 | | Ainr-f1 | Sum of Values (Apr-17 Sur Mar-17) | 910° 5 | 56数 2 | 型網 刀 | 1,316.33 \$ | 34 M 2 | 74 505 25 | 209.81 5 | 56.85 S | 11,927 75 | - 5 | 56 85 S | | 230121 9 | | |
| | Promective Period | Apr-11 | 6 | Jul-11 | Sum of Values (Agr-11 thru Jun-11) | 107.44 | 56.34 | 10,550 02 | 615 P | 56.34 | 34,667.56 | 539.92 | 50.34 | 30,022.65 | - | 56.34 | | 1,336 73 | 58.34 | 75,250.02 |
| | Less Pay Properties Penns | Apr-18 | | Jul-10 | E-2, 8xb 977 Wortpaper D-3 | 181.30 | 5705 | 9.301 M | 176.69 | 57.05 | 10 079 46 | | 57.05 | <u>-</u> | | 57 Os | <u> </u> | 30798 | 57.05 | 19 201.30 |
| | Net Recoveres | , | | | | 901 22 | - | 34 OSA 27 | 1 756.01 | • | 25 (1) E | 74272 | 1 | 41,950 40 | - | - 5 | • | 3,098 95 | \$ | 175,425 47 |
| Viringe Am | suris Bru Sub 1882 | | | | | (144.86 | | 45,306 44 | 1 667.31 | | 111,250.26 | 742.72 | • | 41,950 40 | - | t | • | 3,053,68 | | 219 507.17 |
| Sum 1882 | Rate Paged Fernance | Dec-11 | ь | Nov-12 | Sem of Volume (Dec-11 thru Nov-12) | 347,60 \$ | 56.29 \$ | 19 502 14 | 1,84675 6 | 55,70 \$ | 100,954 51 | 2,029 36 \$ | 54.76 \$ | 154,864.54 | 1,750.63 E | 54.29 L | 96,683-67 | E,860.84 E | 54.20 S | 307.224.25 |

| Additions (f | won.w | Violage Violage GIM1 | - 2009 Ratureratio | Vetage VMI | - 2018 | Vintage | -2011 | Vintage - 2012 Version Wifel Recoverable | Allaca | | | 90 (North Ca | | | 251ê (Herik (Recessed | | | 2011 (North | | Vintag Recentation | a - 2012 (Plant) | | | per (North Ca | |
|----------------------|------------------|-------------------------|-----------------------|------------------|------------------|------------------|------------------------|--|-------------------|----------------|--------------------------|---------------------|----------------------|-------------------------|---------------------------|--|---------------------------|-------------|---------------------------|-------------------------|------------------|---------------------------|----------------------|---------------|-------------------|
| Plaigh vectors to | IM. | Addition | Loren | Addicas | Lines. | Annals assum | Recoverable Located | Variago WYRM PORORECTION Accidente Latente | Allaca Facilor | | | Tecovered Losses | E Repowery | Recoverable Lowers | Racguerad Lémma | Quantilization) 2 Resource | Recoverable Losses | Recovered | Over(Union) I Recovery | Hitch-craby Leanur | Recovered | Over(Union) I Recovery | | Lorses | Comple E Repor |
| | | | | | - | | | · · · | . • | er. | - | | • | | - | | | | - | | | - | · · | • | 21-44 |
| : | | | <u>:</u> | | | <u> </u> | <u> </u> | <u> </u> | | 1.51% | • | | - | • | - | | • | • | | | • | - | - | - | |
| 133 | 487 | - 43 | 136 | | | <u>:</u> _ | | | | LETTS | 031 | _ <u>-</u> - | (E31) | | | <u> </u> | | <u>:</u> | | | | - | 0.31 | :_ | _ |
| (6) | 7364 | 76.6 | 675 | | | | | | | ,00% | 5.74 | | (6.05) | | | - | ÷ | | | | | : | 5.74 | - : | |
| NZ. | 1254 | 673 | M.CZ | | | | | | 111 | -Ame | 11.57 | | n7.97) | • | | • | • | | - | | | - | 11 82 | | Ç |
| 211.15 | 202.91 208.41 | 7112 | 31.07 | | | <u>-</u> - | <u> </u> | | | 1068 1068 | 43 | | (36 12) (84.51) | - | - | | | | - | - - | | | <u>%#</u> | 574 | } |
| 275.07 245.6r | 253 06 | 27g 1 | 71.46 | | - : | —- <u>:</u> | | - : : | | 100% | 67.50 | | (152.10) | : | | : | : | : | | : | | : | 40.35 67.36 | | (1) |
| 390.72 | 343,61 | 247 | 11/12 | | • | | | | 1_1 • | LOSAL | 95.24 | | (247.36) | • | - | - | - | - | - | - | • | - | 96.28 | - | ë |
| 200.05 | 783 95 | 26.0 | 135.77 | | | <u> </u> | • | - · · · · · · · · · · · · · · · · · · · | | .07% | 115.40 | • | (vester) | • | - | • | • | - | - | • | | | 175 49 | - | G |
| F1 25 | 781.17 | 750 | 147.07 | 830.4 | et 20 | —- <u>-</u> - | | | | LOUIL LOUIL | 120 M 1 30.0 0 | : | (413.80) (804.43) | 54.00 | | - C- | - | : | | | • | • | 120 80 179 66 | • | Ç4 6 5 |
| 356.91 | 323.44 | - | 142.02 | 756% | 報刊 | | | | 11 • | LOCAL | 127 80 | • | (7) | 84 16 | | (143.02) | | | | | : | : | 204 95 | : | |
| 407.50 | 313 | • | 142.02 | 4076 | 137.04 | | | <u> </u> | | ners. | 120.60 | 1,927,93 | 1.076.01 | 117,30 | 586,98 | 326 67 | | | | | | <u> </u> | 738.11 | 2,500,00 | 1,4 |
| 470.02 548.83 | 862.28 565.28 | : | 14202 | - 470.0 500.0 | 18274 747 89 | | | . | | Feigr Fried | 120.90 171.30 | • | 956,18 634 80 | 144 ED 207 45 | - | 101 07 | - | • | • | • | • | | 265.65 120.7s | - | 1.9 |
| - T-19 | | | 142 07 | 907 | 300.00 | — | | - : : | | 41% | 121.30 | : | /1250 | 256 79 | - | (302.38) | : | • | : | | | : | 324 76 378.08 | - | 3 |
| 571.75 | 585.77 | • | 100 | - 9 0 | 366.31 | | | | | 41% | 121.30 | 76.76 | 1,377.97 | 267 49 | 1,502.00 | 90216 | - | | | - | | | 416.79 | 2.207.76 | 2 |
| 5.01 53 | <u>520</u> 63 | | 142 02 | 520 3 | 381,67 | | | | | 41% | 121,30 | | 1250 | · | | 547.64 | · | | | | | | | | 7 |
| 41514 | 412.35 | | 147,50 | 410.1 | 426.51 463.64 | <u>:</u> _ | | :: | | 541% 541% | 121.30 121.30 | • | 1,135.37 1,014.07 | 364 2E | • | 203,36 (162,84) | • | | - | | • | | 46.51 | • | 1,3 |
| 256 86 | 248.82 | | 147.02 | Z69 | 485.05 | - | : | - : : | | 141% | 121.30 | : | 982.77 | 414.29 | : | (00£12) | : | : | | : | : | : | 517,30 530,50 | - | ! |
| 4 86 | 447 | | 342 E2 | 5.0 | 46.46 | | | | | 141% | 121,30 | | 771 47 | 414 63 | - | (1,021.55) | - | | | _ | | | 535,93 | - 1 | ė |
| 1,850.16 | 176.3 | | 14762 | | 66.46 | 1,854.2 | 154.65 | - - · · | | 412 | 171.30 | • | 450.17 | 414 63 | | [1 436_38] | 132 26 | - | (1322) | | | | 86A,19 | • | ō |
| 194 23 63.66 | 172.11 | | 14202 | <u>.</u> | 46.4 | 61.7 | 170.20 | | | 5.47% 5.47% | 121.30 121.33 | (407,57) | 528.67 | 414,53 414 83 | 2 205 44 | U 995 BIT | 145,37 149,90 | 4711 | Q77 € | • | • | - | 6m 30 665 63 | 2,205.30 | (1) |
| 196,00 | | | 142.00 | | 40.4 | 186.0 | THE S | | | 41% | 123.30 | (ATL'AL) | (171.30) | 414 63 | 2,200.44 | 6414.836 | 160,14 | 42733 | 1857 | | | | 965 63 866 07 | 2403 | - 60 |
| 318,19 | 798.63 | | 14202 | - | 46.46 | 319 7 | 27.01 | | · • | USEN. | 121 47 | | (242.77) | 415.21 | | (629.64) | 186.12 | - | P49 2 | | | : | 722.90 | | £14 |
| 729,15 | 684,03 | | 142 60 | • | 465 46_ | /781 | 270.37 | <u>.</u> | . • | 5574 | 121,47 | | (364,24) | 415 21 | - | (T 245.08) | 210,00 | - | ,5a7,34 | | | | 77477 | | Ď: |
| 45371 | 357.51 693.11 | | 142.00 | | 45.4 | 407 906 | 375.18 | <u>.</u> | . | 1574 1374 | 121.47 | 465 71 | | 415.21 | 1 880 77 | <u>-</u> | 270.43 | 65777 | | <u>-</u> _ | | | 807.11 | 300.75 | |
| \$63,62 129 ED | 423.63 | <u>:</u> | 147.02 | | 46.6 | 500 B | 407.23 | - : - : | | 5574 5574 | | : | : | : | - | - : | - | : | : | : | • | : | - | - | |
| 64.05 | 347 (0 | | 142.02 | | 46.4 | 5 4.0 | 45,07 | | • | 53% | - | | | - | | | | | : | | | | : | : | |
| 407,00 | | | 14702 | | 46.4 | (27,0 | त्रीक | <u> </u> | | 1574 | | • | | - | • | - | | | - | | - | | | | |
| 2032 | 161,01 | | 142,62 | • | 467.46 | 231.3 | 48.43 48.43 | 967.0 60.16 | | 153% | 121.47 121.47 | • | - | 415 21 | - | • | 436.31 | • | - | | | - | 426 | • | |
| 961.95 1,195.07 | | : - | 142 00 | | 45.4 | <u>-</u> - | 44.0 | 962 0 60.16 1,155.1 176.42 | · ; | 2534 2434 | 121 47 | : | | 415.21 415.21 | : | · · | 42 <u>6.</u> 31 426.31 | | : | 60.5s | | : | 1,091.55 1,113.88 | • | |
| 303.82 | JAAT | | 142.02 | | 405.40 | | 608.43 | 505 A 21.E\$7 | · [2] 4 | 153% | 121 47 | | | 415.21 | | - | 426.31 | | | 106.9 | | | 1,140,00 | | |
| 274 30 | 197.40 | | 141 65 | | 454 | | 49 43 | 294 24510 | | 5 53% | 121,18 | • | | 415.21 | | - | 425.31 | - | - | 207.8 | | | 1 170,81 | | |
| 365.50 | 20,3 | | 13527 | <u>-</u> | 485.49 495.40 | | 44 C | 395.5 276.00 053.4 347.17 | | 5574 5574 | 115.73 109 45 | • | • | 415.21 | - | - | 426.39 | • | - | 235.1 | | • | 1,193.33 | • | |
| 963 37 533 39 | 76218 44217 | | 179 00 | | 45.44 | | 48.4 | 531.4 391.62 | | 5.53% | 940 | - : | - : | 415.21 415.21 | - : | : | 426.31 426.31 | • | : | 75C \$ 354 th | | • | 1,247.54 1 270 50 | • | |
| 6.40.32 | 537 66 | | 47 40 | | 454 | | 40 43 | 620.3 443.32 | 12 | 4.574 | 74.62 | | | 415.21 | | | 426,31 | | - | 379.1 | | : | 1,295,51 | : | |
| 341 49 | 455,08 | | 67.5% | | 45.6 | | 者が | 541,5 481.44 | | 5579- | <u> 11</u> 5 | | - | 415.21 | - | - | 431.77 | - | - | 412.70 | | | 1,212.79 | | |
| 422 | | | 30.00 | <u> </u> | 46.4 46.4 | <u>-</u> | 44.43 | 4620 520.94 496.3 561.44 | | 1594 5594 | 23 60 5.34 | • | - | 415.21 415.21 | - | | <2L31 | - | • | 450. <u>e</u> 480.37 | | - | 1,317.67 | • | |
| 41E35 | 161.94 | : - | 625 | | 45.45 | | 440 | 2010 9405 | | 7370 | 1.5 | | | 413.21 | | : | 475.31 | | : | 460 31 | • | : | 1,327 23 | | |
| 1 058 15 | 941.39 | | | | 41626 | | 4843 | - 584 Ob | _ | | | | - | | - | | | | | | | | - | | |
| 1,270.57 | 1,196 | | | | 36.52 | | 41 G | - 591 05 | - | | - | • | • | • | | • | • | - | • | - | | - | - | • | |
| 956_41 | 717.15 | | <u>.</u> | <u>-</u> | 347,55 291,77 | | F6.43 | - 584 05 - 584 05 | _ | | • | • | • | - | - | - | - | - | - | • | • | • | - | • | |
| 321.81 431.05 | 213.13 | - | —÷ | _ - | 242.36 | | 44.43 | - 584 06 | - | | | : | : | | | : | : | • | : | : | : | : | : | : | |
| 936.70 | 6¥47 | | | | :#10 | | 46.43 | - 564 05 | - | | - | | | | | | | | | | | | - | ÷ | |
| 586.73 | 465.39 | | | | 137.15 | | 678 KI | - 544 (5 | | | - | - | | - | - | - | - | | - | • | • | - | - | | |
| \$62.35 \$65.64 | 591.42 500.57 | | <u> </u> | | 10 70 50 55 | <u>-</u> _ | 48.43 | - 584 Q5 | | | • | • | - | - | • | • | - | • | • | | | • | • | • | |
| 508.23 | 410 31 | | | | 21.62 | | #4.G | - 38405 | - | | - | : | • | : | - | | • | | : | : | • | | • | • | |
| 47% | | | | | 8-0 | | 484 | - 5400 | | | | | | | - | - | | | - | | | : | - 1 | : | |
| 75,10 | 200.19 | | | | | | 44.43 | - 581 GS | - | | | • | - | - | • | • | | - | - | | | | | | |
| 1,163.96 | 1,035.52 | <u>·</u> | | <u>·</u> | <u>-</u> _ | | 20,56 | 564.05 564.05 | - | | - | • | • | • | | • | • | - | • | - | • | • | • | • | |
| 1,397.63 812.05 | 1.23: 62 | | - | | | - | 370.20 392.30 | . 294 (c) | | | : | : | • | : | | | : | | | | - | : | - | • | |
| 24.20 | 236.66 | | — <u> </u> | | —÷ | | 307.47 | - 584.05 | | | · | | | | | : | : | | : | | : | : | : | : | |
| 26 20 478.56 | 345.37 | | | - | | | 780 12 | - 544.05 | • | | - | | | - | | - | - | - | | | | | - | | |
| 1,002.50 | 922.H | :_ | | | | | 270.08 | - 564 Q5 | _ | | • | • | • | • | • | - | - | - | - | • | • | | - | | |
| 645,41 75059 | 335.03 | | | | <u>:</u> | | 182.25 | - 384 US | - | | : | : | | - | : | : | : | : | : | : | • | : | - | • | |
| 605.20 | 55043 | | | | : | <u>-</u> | \$1.20 | - 440 | - | | : | - : | | - : | : | : | : | : | : | : | : | : | : | : | |
| 556.05 | 451,34 | | - | | | | 53.36 | · \$4.00 | _ | | | | | | | - | - | - | - | • | | | - | | |
| 500 78 | 300 i) | | | | | | 19.44 | - <u>54</u> 00 | | | • | • | - | - | - | - | • | - | - | • | • | - | - | • | |
| 325.46 | 220.21 | <u> </u> | | <u>-</u> | <u> </u> | | <u>:</u> | - 7270 | - | | : | : | | : | | - | : | • | • | • | - | • | • | • | |
| | | : | - | | : | —÷ | : - | 407,64 | - | | : | : | : | : | : | - : | : | | : | : | : | : | | : | |
| | | - | | | - | | | - 364 | - | | | | | | | | | - | | ; | | • | | : | |
| | | | | | | | | 3439 | - | | - | - | | | - | - | - | - | | | - | - | - | | |
| | | | | | | <u>:</u> | | - 30 % - 2% ti | _ | | • | | | - | • | - | • | - | • | • | • | - | - | • | |
| | | | | | | | | - 7564 - 1124 | | | : | : | • | • | • | - : | • | • | • | • | • | • | • | • | |
| ' | | | $-\div$ | | | <u>.</u> | | - 1417 | • | | : | | : | : | | : | : | : | : | : | : | : | : | | |
| | | | | | | | | - %6 | - | | | | | | | - | - | _ | | | | | | | |
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| | | | _== | | | | • | - <u>\$</u> fi | | | • | - | • | - | • | - | • | • | | • | | | - | | |

| | | | | | | Antide - | Assidis the sections | | | And the Visit secondary | | Austria 1/07 relicionami | | | ARREST OF APPRAISA | | | 4 | VIDE . | |
|-------------|-------------------------------|------------|----------|----------|---|-------------|----------------------|------------|-------------|-------------------------|------------------|--------------------------|----------|------------|--------------------|----------|------------|-------------|---------|------------|
| | | Start Drie | | End Date | Course Decements for Recovered Lost MMRs. | MAN | | Recovery | LAAH | Rain | Recovery | MAH | Rate | Recovery | MARI | Rade | Recovery | MAM | Rate | Recevery |
| Sub 931 | Test Person | Sep-07 | ь | Mar-CA | E-2, Sub 931 Complemen Exhibit 2 (Propos 1 & 2) | - 1 | | - | - 6 | - 1 | | | . 5 | | . 1 | | - | | | |
| | Prospective Partod | Apr-08 | | J-44 | E-2, Sub 931 Compliance Exhibit 2 (Pages 1 & 2) | | | | | - | | | | - | - | | - | • | | |
| | Less Prer Prespective Period | Apr-07 | 10 | Jul 67 | Pured Not Applicable to Analysis | | | | | | | | | - | | • | - | - | | |
| | Not Recoveries | · | - | | , | | - | • | | | • | | * | • | - | • | - | - | • | |
| Sub SS1 | Test Permi | Apr-08 | | Mar-09 | 5-2, 8ub 951 Workpaper D-2 | - 1 | | - | | | | | | | - 1 | | - | . 1 | | |
| | Promoctive Pence | Apr-Q9 | | Jul 09 | E-2, Sue 951 Worlpaper D-2 | 674 | 57,12 | 365.02 | | | | | | | - | | - | 6.74 | 57.17 | 3662 |
| | Lass From Prospective Fernal | Apr-06 | - | Jac 08 | E-7, Sec 931 Complemon Exhibit 2 (Pages 1 & 2) | - | • | | | | | - | | | - | | | | - | - |
| | Net Recovereds | • | - | | | £# | 8 | 35,07 | • | | | - | - (| - | • | - 6 | | 6N | | M5.02 |
| Sub 177 | Test Panad | Apr-05 | je | Mer-18 | 5-2, Sub 977 Wortpaper D-3 | 1,400 PJ S | 57.00 L | 110,553,84 | SMLSP S | 57.M 1 | 10,506 pa | - 1 | . 5 | | - 8 | . \$ | | 2,516.72 \$ | 57.00 S | идела |
| | Prespectivo Percoli | Apr-10 | | JAS-10 | E-2, Sub 977 Wartpaper D-3 | 765.76 | 57.05 | 44,827 03 | 1,502.03 | 57.05 | 45,600 50 | • | • | - | - | • | • | 2,267.79 | 57.06 | 130,516,67 |
| | Leng Prior Prospective Percel | Apr-05 | ь | JH-09 | E-2,5ab 151 Wartpaper D-2 | <u> </u> | 57,17 | 365.00 | | <u> </u> | | <u> </u> | | <u>-</u> | - | <u> </u> | <u> </u> | €74 | 57.12 | 36.07 |
| | Net Recoverse | | | | | 2,704.75 | | 154,595.65 | 2,006 02 | • | 110,106.53 | • | • | - | • | \$ | • | 470277 | \$ | 773,792.39 |
| Virtage And | oris (tru Siè 1/7 | | | | | 2,715 49 | 5 | 154 900 FF | 2,000 02 | \$ | 110,196.53 | • | - | | | | | 4 804 51 | 5 | 274 177 40 |
| Saib 1802 | Test Penal | Apr-18 | | Mar-11 | State of Values (Apr-18) the Mar-17) | 376 19 \$ | 54.65 \$ | 71 500.62 | 3,767 47 \$ | 50.85 \$ | 214 186.22 | 437.53 6 | 96-85 \$ | 24,305.52 | | 34 65 E | | 4,572.18 \$ | | 250 912.30 |
| | Prospective Peresd | Apr-11 | | Jul-11 | Sum of Values (Apr-11 Stru Am-11) | 463.71 | 56.34 | 77,763.66 | 1,860 27 | SLOP | 6023720 | 857,77 | 44 | 48 323.62 | • | 54.34 | • | 3,002.75 | 56 34 | 100 220.27 |
| | Less Pier Prospective Period | Apr-10 | b | Jaj-10 | 6-2, Sub 977 Workpaper D-3 | 78576 | 57.05 | 44 827 00 | 1,502(3 | 57.35 | 65 600 50 | <u> </u> | | | • | | <u>-</u> - | 2,287.76 | 5765 | 130,596.62 |
| | Nat Recoveres | | | | | 7514 | • | 4 036,65 | 3,425,71 | 5 | 272,000 23 | 1,785,30 | • | 72,629 13 | • | • | • | 5,789.14 | • | 790,076 01 |
| Virtage Aus | ouris Bru Bais 1987 | | | | | 2/0365 | | 159,017,57 | 4014/3 | | 341 226.75 | 1,285,30 | 1 | 72,629.13 | • | \$ | • | 12,002.05 | • | 572,673 41 |
| Şub 1602 | Rate Period Forecast | Dec-11 | 6 | Nov-12 | Sum of Values (Dec-11 thru Mov-12) | 1,086.86 \$ | 523 1 | 61,130,37 | 498256 \$ | 54.77 1 | 河(470_66 | 511 568 5 | 58.29 L | 287,964 43 | 171230 1 | 54.29 \$ | 100,710.00 | 1438454 B | 529 1 | 014 77E 65 |

| | Vintage - 21 | - | Vintage - | - 25 10 | - Yamaga | - 2011 | Virtege | - 2012 | | | 000 (Horth Caroline) | | - 2018 (Herth | | | 11 (Hent Carel | | | 2 Flore: Caroline |) EAL | l Vintagon (Ficelli | 1 CHARGE |
|---|-------------------|--|---------------------------|------------------------|--------------------|----------------------|----------------------------|----------------------|---------------------------|--------------|---------------------------------------|--|---------------|----------------------------|----------------------|----------------|------------------------|--------------------|-------------------|--|---------------------|----------|
| Admiray (NF ()-34) | Wittige Milited A | l men | Vytage MIAA Additions | Recoverable Literat | Valage WWW | Focuments: | Virtuge V (KH) Addition | Goowansie Louises | Allonatori Factor (ACS | Recoverable | Recovered Over(Um Lances I Finance | | Recovered | Over(Unite) | | | ren(Under) Recovers | | reported Over | (Circles) Recognist Patricks Language | | d Oved |
| | | | | | | | | LUMBER . | 84 61% | | . r | | | | | · · | - | LOSSO | | | | |
| | ·_ | <u> </u> | | | | | | | S 84.61% | • | • | | - | - | - | | - | - | • | | | |
| | | | | —÷ | | | | <u>.</u> - | 12 | | | : | | | | | - | | | | | |
| <u> </u> | | • | | | - | | | | 6 K(II) | | - | | | • | • | | | - | | | | |
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| · · · | | - | | | | | | | PE-08% | - | • | | - | - | - | - | • | - | - | | | |
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| | | | | | | | | | NE_COM, | | - | | | - | | | | | | | . : | |
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| 4,364 41 429.75 4,28400 764.97 | - | - | 6.284 0 | 361 95 1,084 28 | | : | : | | 45026 45026 | : | <u>:</u> | · 3/5.00 | 1,234,72 | (280,83) (48 43) | : | : | : | : | : | - 335. - 922. | (09 129 1,234,77 | n |
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| 1,116,64 113,64 0.704,53 762,57 | | | 1,1146 | | | | | | 4541% | • | • | - 1,751,80 | | Q4549 | • | • | • | • | • | - 1,781. | 90 | |
| \$32653 76732 5,6500 538,91 | - | -:- | 3,667 | 7,744 07 3,217.10 | | | | | \$5.41% \$5.47% | : | : | - 2344 40 - 2747.77 | 6,754.30 | (5,610 75) (7,600,90) | • | : | : | : | : | - 2344 - 2747 | | 10 |
| 15,394,90 1 451.85 | | | 15,399 9 | 4,500 42 | | | | | 15,41% | | | 1843.61 | | G#749 | | : | | | | | | |
| 6.557.33 (F.7 CP | | | 8,167.3 | 504L97 | | | | | 8541% | - | - | - 4,310 53 | | (හ. ඉදුම ගුනු | - | | | - | • | - 4310. | .53 | |
| 8,334 15 754 16 6,033 37 571 54 | <u></u> | <u>:</u> | 8,394 f 8,033 4 | 5,745.30 6,740.16 | | — - | _ - | | S F44 | • | | - 4.907,98 - 5,337 61 | • | (14 000.00) (20 700 41) | • | • | : | - | • | - 4,907. - 5,307 | | 0 |
| 1,562.06 192.49 | | | 1,562.1 | (293) | | - : | | - | 9 51% | | | - 3,557 vi | | (25,4019) | : | | : | | : | · 530 | | |
| 7.254.77 66.00 | | | | 6,379,33 | 7242 | 67.6 | | | SE CTS | • | - | - 54459 | | (31,100.54) | 510.17 | • | (518 17) | - | | 5,967. | .75 - | - (|
| 4,172.15 20.00 6,394.79 5-4,75 | — <u>:</u> — | | - | 6,379,33 | 6.77 <u>2.2</u> | 9% 53 1,467 60 | | | 85,41% 85,41% | : | - | - 5,449,59 - 5,449,59 | 41 997,75 | (35,549 17) | 010.12 1,206.29 | 2,601.57 | (1,33 <u>6.25</u> | - | : | • 8204. • 8,714 | 71 450X | n 1 |
| 6,837 79 667 20 | : _ | - :- | | 137139 | 5.537.3 | 2660.70 | - : | | 85,41% | | | - 544.50 | | 644.50 | 1,780.06 | 4 | (1,790.054 | | - | - /204 | | - |
| 6 47M GC 497 YA | | | | 6,379 33 | 6,672.0 | 2,81253 | | - | W-43% | - | | - 540624 | - | (16,40) AT | 2 234 50 | | (3,954 96) | - | | - 7,690 | 74 - | |
| 4,504.03 557.64 5,300,03 557.84 | <u>-</u> _ | | | 6,3/n 13 6,3/9,30 | 6 705.0 5 705.0 | 31310) | | <u>:</u> | 16.574 96.574 | - | : | - 5,458,24 - 5,456,24 | 71,617.31 | (16,361-07) | 2,684.01 3 086.08 | 0,744 84 | (CR.55) | • | : | - 6,149 - 8,522 | 25 20 31.581.98 | M. |
| 5,365.63 55/ 84 6,037.74 657.20 | — <u>:</u> | - | <u>-</u> | 6,179 33 | 5,360 6 | 401,52 | | | 637 | ; | | <u></u> | | - | | - <u>*:=</u> | - | | : | | M | |
| | | | | | 6 937.3 | 4 20 63 | _ | | 65,53% | • | - | | - | | | | - | - | | | | |
| 6.007 29 657 20 | <u> </u> | <u> </u> | | 627935 | 6,107.3 6,105.6 | 5,147.74 5,713.29 | <u>-</u> | | 15.53% | • | - | | • | • | - | • | • | - | • | | | |
| 5,306 E3 597.46 5,627.15 537.09 | —- <u>:</u> — | - :- | | 637933 | 5627.1 | 611272 | | | 95.576 G.576 | : | | 5,456.24 | - : | : | 5.267.85 | : | : | : | : | - 16743 | | |
| £564 \$6 (21 90 | | | | 1,379.33 | | 1102 | 6,564.6 | 547.66 | PL53% | - | - | - 5,458.24 | | | 5 287.85 | | | 457,60 | - | - 11 211. | .79 - | |
| 1,754.79 366.71 5950.76 584.00 | | | ·_ | 6,379.33 | - | 6,147,22 | 3,754 fl 5,959.6 | 859 % 1,365 80 | E 575 | - | • | - 145834 - 1,45634 | | • | 5.287.65 5.287.65 | • | • | 735.51 1,163.30 | - | - 11 479 | | |
| £24356 96144 | - | | | 6 379 33 | | 118222 | 6,243.6 | 1,876.40 | E 833% | - : | : | - 145624 | | - : | 5.207.65 | : | | 1,192.30 | : | - 11,104 - 12,349 | | |
| 5,954,76 564 60 | | | | 6,179.30 | | 6142,22 | 5,659,6 | 237354 | 60,5374 | - | | - 545624 | | - | 5287.65 | | - | 2,010.00 | | - 12,773 | | |
| 5,675.46 537.71 | | | | (3/9 zi | <u>:</u> | 11077 | 5,678.0 4 624 6 | 2,046 54 3,246 58 | E 6174 | - | • | - 5458.34 - 5,458.34 | | - | 5,247,65 | • | • | 2434.64 | - | · 13,17E | | |
| 4 824 57 457 06 4 824 57 457 06 | | - | | 63/933 63/933 | | (1)222 | 18314 | 3620 | 3 637 | | : | - 100 | | : | 5 287.65 5 287.65 | : | | 2,77E51 3122.30 | : | · 13,972 | | |
| . E24356 501.49 | | | - | 6 319 33 | | (II) ZZ | 6,213.6 | 4,170 90 | 65.53% | | • | 5,458.24 | | - | 5,24°65 | | - | 3 557.39 | - | - 14,311 | 29 . | |
| 4,243.55 501.46 1,075.96 537.71 | <u>:</u> | | | 4,379.33 | | 4 142 22 4 142 22 | 6246 | 4 601 ZZ 5,164 ZZ | 85 53% 85 53% | | • | 5 454 24 | | - | 5 207 66 | • | • | 401240 | - | 14,756 | | |
| 5,675.96 637.71 5,054.43 479.78 | —÷ | - :- | | 4.379.33 5.378.33 | | £42.22 | 5,054 4 | 5,510 76 | U €35 | : | : | 5.6524 | : | : | 520765 | : | : | 4 416.96 | : | - 15 160 | | |
| . 5251 GF 497.52 | | - | | 6,345.00 | | 6 102 22 | | 5 596 26 | | | • | | | - | | - | | - | | | | |
| . 1,000 80 <u>20</u> +57_ | | - | | 3,165.30 | | 6 107.22 | | 2,588.25 | | - | • | | - | - | - | • | • | - | • | | • | |
| 4 757 \$1 \$51 \$8 4 959 \$5 473 19 | —- <u>:</u> — | — <u>: </u> | <u>-</u> - | \$29A.05 4 (21 22 | <u>-</u> | 6.167,22 6.162.27 | | 5 564.26 5,566.24 | | - | : | : : | - | : | • | • | | | • | | . : | |
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| 4,54077 43017 | | :_ | | 723(4) | | 6,182.22 | | 5,586.26 | | - | • | | - | - | • | | • | - | • | | | |
| 14.20 20 100 C | <u> </u> | | | 3,16273 1,679 91 | | 6 192.22 6 192.22 | | 5,580.26 5,586.26 | | | • | : : | • | | • | - | • | • | • | • | • | |
| 4 994 95 473,19 | —- : - | | | 1,832.44 | | £182 22 | | 5 506.26 | | | | | : | : | : | | | - : | : | | . : | |
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| 4 540,77 430,17 4 651,56 363,62 | <u>-</u> _ | | <u>-</u> - | (30:7 | | 6 102 22 6 102,22 | | 5.565.26 5,985.76 | | - | - | | • | • | • | - | • | • | • | • | | |
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| 3,95.66 378.55 3,814.25 381,34 | : | <u>:</u> | :- | | : | 1500 05 | | 5,584.26 | | | | : : | - : | : | : | : | : | : | : | : : | | |
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| | | | <u> </u> | | | | | (,Z2) 66 | | - | - | | - | | • | | | - | | | | |
| • | | | | | | | | 3,709.75 | | • | • | | • | • | - | • | • | - | • | • | | |
| | —÷ | - : | $-\div$ | | | | | 273077 | | : | : | : : | : | : | : | : | | : | : | : : | | |
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| | | | | | | , | - | ALL REPORTS | | Aurin | 2010 PAGESTA | ~ | VIII | de SOL J. Heliting | M-5 | | WIT MEDIA | | T LONDING | | APUC. |
|-----------------|--|-------------------------------|----------|--------------------------|--|----------|---|----------------------------|----------|---|---------------------------|---|------------------------------------|-------------------------------|--|--------------|----------------------------|--------------|--|----------------|--|
| | | Start Date | | End Date | Square Decuments for Recovered Last MWHs | | _ | Rate Re | mery_ | MAN I | Ruite | Receivery | HAH | Rele | Recovery | MANH | Rate | Recevery | WW | Rain | Recovery |
| Sub 131 | Text Period Prospective Period Less Plur Prospective Period Not Recovering | Sep-87 Apr-05 Apr-07 | 10 10 | 16-15 34-08 34-07 | 5-2, Sub 931 Complemen Exhibit 2 (Pages 1 & 2) 5-2, Sub 931 Complemes Exhibit 2 (Pages 1 & 2) Persod Hat Applicable to Anadous | : : | • | | <u>:</u> | . \$ | - 1 - - - - | <u>.</u> | : ' | . F | <u>:</u> | - \$ | · s | <u>:</u> | . 1 | . 1 | <u>:</u> |
| Sub \$51 | Test Perzod Prospective Pariod Less Print Prospective Period Not Recoverses | Apri-06 Apri-08 Apri-08 | b 10 | Mar 49 Ad 40 Ad 40 | S-2, Sub 951 Whitpoper D-2 S-2, Sub 951 Worlpaper D-2 S-9, Sub 931 Coorplance Exhibit 2 (Pages 1 & 2) | <u>:</u> | • | - \$ 57.12 | <u>:</u> | <u>:</u> - | - 1 | - | | . 1 | : | - \$ | - s - | <u>:</u> | : 1 : | - ! | - - - - |
| Bub \$77 | Test Perod Prespective Perod Less Pror Prospective Perod Nat Recoveries | Apr-09 Apr-10 Apr-98 | b b | (수-16)년-16)보-16 | 62, Juliu 977 Workpaper D-3 6-2, Juliu 977 Workpaper D-3 6-2, Juliu 951 Workpaper D-2 | : : | • | 57 00 \$ 57 05 57 12 | : | : 234 77 | 57.06 \$ 57.05 | 70,460 47 365,327,00 - 456,627,47 | <u>:</u> * | <u>:</u> : | <u>:</u> | - : 1 | - 1 | <u>:</u> | 1,234 77 S 6,754,30 | 5705 | 70 410 47 365 327,00 |
| Virtege Am | curts Pro: Sub 977 | | | | | - | | 5 | | 7,900 02 | | 45.07 47 | • | - | | | | | 7,980-07 | , | 66,007 (7 |
| 9,6 1802 | Test Persol Prospective Persol Less Pror Prospective Persol Hel Recoveries | Apr-10 Apr-10 Apr-10 | b b | Mar-11 34-11 34-18 | Sure of Values (Spr-10 ten ble-11) Sure of Values (Apr-11 ten Jar-11) E-2, Sub 977 Vertuseer D-3 | : | | 54.05 S 54.34 57.05 | <u>:</u> | 46 752.65 S 21,617.31 6,754 30 63,815.66 | 50 16 6 50,34 57,05 | 2771,527,88 1,229,108,17 385,327,00 3,615,499,05 | 2601,57 1 5,744 64 12,346,21 | \$6.85 \$ \$6.34 \$7.05 | 147,803.27 548,877.49 596,880.76 | . \$ | 56 65 \$ 56.34 57.05 | : | 51,363,63 \$ 21,561,65 6,754,30 78,161,27 | 58.34 57.06 | 2,910,531.15 1,770,005.06 306,327.00 4,317.200.01 |
| Vinlage Am | ounts Bru Sub 1967 | | | | | | | | - | 71 804.08 | • | 4,071,218,51 | 12,346.21 | • | 895,880.75 | | 5 | - | 84 15025 | 1 | S 4 700 007 27 |
| Bub 1902 | Rate Period Ferecast | Dec-11 | lo | Nev-17 | Sum of Values (Dec-11 thru Nov-12) | | ı | 5629 E | • | 40,474.90 E | %2 ; | 3,005,017.30 | 63,451 84 8 | 58.26 1 | 3571,73811 | 25,331.39 \$ | 54.25 F | 1,402,707 84 | 154,254.17 6 | 55 pr | 6 6739563 47 |

| | Ladricane min San | gy Efficiency Progra Vintage | rns (MAVII) Rossis - 2009 | rated Neighberhood Vistage | | yna (Lou income) Vintege | -2011 | Vintage - 2012 | | | Vistage - 2 | 989 (North Ca | referi | Vintage - | 2018 (North | Carolina | Vintage - | - 2011 Pilosth Co | erolina) | Vintee | - 2012 (North Caroline) | I All Viete | gen (North C | Caralina |
|----------------|------------------------------|---------------------------------|------------------------------|-------------------------------|------------------|---|------------------|------------------------------|------------------|--------------------|----------------|---------------|------------------------|------------------|----------------|--------------------------|------------------|-------------------|---------------------|------------------|---------------------------|--------------------|--------------|----------------|
| | A131 tons (WP D-2A) | Wriage MWH | Recoverable | Virtage Wald | Pacoverable | Virtage MWH | Recoverable | Vitage MMM Recoverable | | adami A | | Recovered | Over/Eunder) | Pacoverbie | Recovered | Contribution) | Recoverable | Recovered | | Recoverable | Removad Conflictor) | Receverable | Recevered | Cherifilms |
| <u>-</u> | | Addeone | Lasses | Addion | Loneo | Additions | Lorres | Additions Lateres | | (NC) | Laster | استعما | E Recovery | Lowes | Lasses | Σ Receivery | LOSSES | Line | Recovery | Lopers | Lease I Recovery | Losses | Losses | I Recover |
| 100 | | | | · · | | | | | 114 | M.81% | | | | - | | | | | | | | | - | |
| - | | • | <u> </u> | <u>-</u> | | | | . | | M.81% M.61% | • | • | <u> </u> | | | <u> </u> | <u> </u> | - | • | <u>-</u> | _ : _ : | - | | |
| Ť | | • | | | | - | | | | 0.00 | : | | | - : | : | : | : | | | | : : | | - : | |
| | | | | | • | • | | | | E5.00% | • | | 20.77 | - | | - | • | - | • | • | | • | | _ |
| ÷ | : : | | - | :- | | : | $-\div$ | | | 000 | - | | | <u>-</u> | : - | : | : - | <u>-</u> | | - - | : : | : | 70.77 | · |
| * | | | | | | | | | | 5.00% | • | - | 70.77 | - | | | | | | | | | - | 7 |
| * | 125.24 19.34 427.74 65.07 | 125.3 422.2 | 104 | <u> </u> | | | | | el : | e or | a.n | - | 61 R0 23,00 | - | | | • | - | • | - | | 10 (F) 10 (F) | - | |
| _ | 30 62 4 63 | | 40,11 | | | | | | | IO,OLA | 40.06 | - : | (17,90) | | : | : | : | : | : | : | : : | 40.96 | : | , |
| | 250.84 40.10 | | 44.19 | 266 | 21.65 | | | | | SAH. | 40.00 | - | (54 80) | 18.42 | | (F.S. 4.7) | | - | | • | | 59,40 | | 6 |
| - - | 792.37 45.18 771.90 41.66 | | 4E1 | 292.3 271.8 | 4.0 | | | : | | 6.00% 5.00% | 40.00 40.98 | 137.37 | (34h) | 3914 5141 | 11211 | 6730 (280 | : | : | : | : | : : | 60,17 99.36 | 250.49 | U. |
| \equiv | 314.50 47.64 | | 4619 | 3'45 | 91.80 | | | | | E LION | 40.96 | | (44 44) | 80 71 | - | (83.5) | $\overline{}$ | | | | | 121.00 | | (12 |
| * | 242.21 37.31 302.85 95.80 | | 4610 | 2427 2427 | 115.67 | | | | 11 : | E41% E41% | 4L15 | - | (70 ASI) | 90.20 134 11 | | (1877 24) (1877 24) | • | | - | • | | 139 49 | • | <i>(26</i> |
| - | 46721 652 | : | - 41 | 4363 | 179.10 | : - | | | 11 7 | 65.41% | 41,15 41,15 | 181.20 | 13.38 | 152,97 | 495.52 | 36.90 | : | : | : | : | : : | 165,25 194,12 | 676.01 | 143 |
| | 40554 B277 | | 4.14 | 435.5 | 21293 | • | | <u> </u> | T (; | 6414 | 41.15 | | Q7.1bj | 181.84 | | (145.25) | | · | | | | 222.99 | | |
| A1 | 455.65 70.60 427.61 95.00 | <u> </u> | 418 4318 | 471 | 250,67 786,52 | : | | | | 65.41% 65.41% | 41,15 41,15 | • | (\$18 Pr) (\$18 DR) | 214 29 241 72 | : | (255 52) (834 23) | | • | : | : | : : | 74.0 24.67 | - | (4) (7) |
| _ | 40 22 71,12 | : | 411 | 4h.2 | 224.66 | : | | - : - : | | 641% | 41 15 | | (151 21) | 277.54 | : | (821.78) | : | : | • | : | : : | 318 60 | : | r,0 |
| _ | 361.26 50.14 250.74 45.25 | | 44.18 | 3/1.1 | 254.00 | | | | | 65.41% | 4L15 | - | [782,30] | 704 62 | - | (7,100.00) | • | - | | | | 349.97 | - | (1. 3 2 |
| - | 2:0.74 45.25 401,62 62.01 | | 42.18 | | 356 89 | 299.7 401.0 | 74 M | | | 65.41% 65.41% | 41,15 41,15 | - | (233.54) (274.60) | 304.62 304.62 | : | (1,46; 42) (1,786 25) | 21.33 49.53 | : | (21.33 (71.27 | | : : | 167.31 365.91 | : | [L]4 |
| ~ | 424 6.7 | - | 48.18 | - | 351.67 | 4321 | #153 | | $+$ L $^{\circ}$ | Ø 41% | 41.15 | 315.01 | | 304 67 | 7,101.67 | · | (0.7) | 151.90 | | | | 476.60 | 2,500.06 | |
| 60 | 304.04 50.40 350.70 32.50 | | 40 10 40 13 | <u>.</u> | 356.89 356.89 | 334 1 250,0 | 127.H 151.97 | | | \$2.41% 88.83% | 41,15 41 21 | - | (41.15) (42.76) | 304 82 375-25 | • | (304 02) (610.67) | 184,49 129 84 | • | (104 49 (234 13 | | • • | 476.10 | - | (40 |
| - | 367.49 56.44 | | - 416 | | 356,86 | 367.5 | 142.20 | | | 65.53% | 4121 | | (22.54) | 1625 | : | (915.22) | 125.60 | - | (230 13 (200 13) | | : : | 470.10 502.29 | : | 0.4 |
| | 334 DB 52 40 | | 40,18 | | 144.00 | 3341 | 21004 | | | 444 | 41,21 | 154.77 | | | 1209 | | 175-84 | 456 | | . | | 22.10 | 1 954 96 | |
| * | 364 19 57,90 250.70 52.90 | | 4518 | | 356.60 356.60 | 364.2 350.0 | 247 h | | | ELLA ELLA | : | | : | - | : | | | - | • | • | • • | • | • | |
| M | 350.76 52.00 | | 46.16 | - : | 356.60 | 300 1 | 300.52 | | | 65.53% | | - | | | | | | | | | : : | | : | |
| | 334 00 50.40 | | 4.9 | | 16.N | 334.1 | 324 16 | | | 85.53% | | - | - | | - | - | | - | • | | | | | |
| in the | 31/38 47 60 334 08 50 40 | | 49.18 49.18 | <u>:</u> | 350,80 366,80 | 3:7.4 | 264 B1 76-486 | 33(1 2784 | 11 3 | 85.574 85.574 | 41 21 41.21 | • | : | 105.25 305.25 | : | : | 303 47 303 47 | - : | | 21.61 | : : | 60 ST 67177 | : | |
| - | 334.08 50.40 | | 4518 | | 256.80 | | 254 81 | 334 1 55 66 | 1_1 4 | 85.53m | 41 21 | - | | 205.25 | | | 303 47 | - | | 47 62 | | 687.5% | | |
| | 384.19 57.94 | - | 44.18 | | 356.89 | | 754 ET 754 EE | 384 2 67.70 334 1 125.54 | \$ 3 | 65.574 82.574 | 41.21 | • | • | 305.25 | • | - | 303 47 | • | - | 75.01 | • • | 774 90 | • | |
| ÷ | 350.78 52.93 | | 46.18 | | 356.89 | - | 354 H | 3508 14-77 | a | E27 | 41 21 41 21 | | : | 305.25 305.25 | : | : | 303.47 303.47 | : | : | 94 62 123.62 | : : | 748.74 773.74 | : | |
| h | 30 49 554 | _ | 41 | | 25A.50 | | 354 81 | 275 17529 | K | 85.53% | 41.21 | | | 305.25 | | - | 303 47 | - | - | 150.01 | | 700 pt | | |
| | 334,00 50.40 384,19 57,56 | | 48 18 | - | 356.69 | <u>·</u> | 354 B1 | 334 1 200 73 384 2 755 25 | | ely. Esta | 41 21 41 21 | • | • | 305.25 305.25 | : | - | 303 47 303 47 | • | • | 173 42 201 21 | • | 623.75 65L13 | • | |
| - | ¥074 52.E | | 44 10 | ÷ | 356.00 | | 354,81 | Vi0 6 284 4A | " (| 65.57% | 41.21 | - | | 305.25 | | | 303.47 | | - | 220.21 | | 678 13 | · | |
| * | 350 N 52 E | | 32,74 | | 364,00 | <u>.</u> | 364 81 | 350,6 261.71 334.1 321.55 | 11 9 | et syn. Et syn. | 72.20 | - | • | 25.75 | • | - | 302.47 | • | - | 251.21 | | 82.2 1 | - | |
| ÷ | 334.08 50 40 317.38 47.00 | | 7.56 | | 356.89 356.89 | | 184 M 264 M | 3174 348,00 | ш. | D 310 | 218 | - | : | 305.25 | : | : | 33)47 | : | : | 775.62 | : : | 865.97 | : | |
| - | 33100 50.4 | | | - | 335.24 | | 354 81 | - 3400 | | | | - | | • | | - | - | | | | | - | | |
| <u>.</u> | 334.66 50 4 384 : P 57,9 | | | | 315.86 268.22 | <u>. </u> | 354 (M 16 AM | - 345.00 - 345.00 | | | • | - | • | - | : | - | • | - | • | • | • | • | • | |
| - | 33400 504 | | | $-\div$ | 262.01 | <u>-</u> | 254 81 | - 34,00 | | | : | | | | | - : | : | | | : | : : | | | |
| h | 33400 504 33070 52.0 | | | | 241 02 | | 354 (11 | 34.00 | | | | • | - | • | | • | • | • | • | • | | - | | |
| - | 367.44 55.4 334.08 50.4 | | <u>-</u> - | | 211 58 127.70 | : - | 354 81 | 348.00 | | | : | - | | | : | - | : | - | • | • | | | : | |
| - | 354:9 579 | | | | 143.99 | - | 348 | - 346.00 | | | | - | | | | • | - | - | - | | | - | | |
| | 350 78 52.97 350 78 52.97 | | | | 105.02 105.02 | | 3401 | 348.00 | | | • | • | - | • | • | - | • | • | • | • | - • | - | • | |
| b | | | | | 31.54 | | 354 01 Mar 01 | 3400 | | | : | : | | | : | : | : | : | : | : | : : | : | : | |
| | 317.36 47.6 | | | | | | 254 61 | - 346.44 | | | • | - | • | | | • | - | - | - | • | | • | | |
| ÷ | 234 06 50 4 234 08 50 4 | | <u>.</u> | | | | 39.83 | 34.00 | | | • | • | • | - | • | - | • | • | • | • | | - | • | |
| - | 384 19 57.9 | | : | - : | : | | 200.30 | - 348.00 | | | : | | | : | : | : | : | : | : | | : : | | : | |
| - | 334.06 50.4 | | | | | | 232.46 | 34.00 | | | • | - | • | - | | • | | • | • | • | | • | • | |
| - | 39276 529 367,49 56.4 | | | | - : - | :- | 203 29 1/2-61 | 341.00 | | | : | | - | | : | | : | : | : | | | | : | |
| * | 33406 504 | | | | | | 141.77 | 340,00 | | | | | | | | | | | | | | | | |
| * | 341) 579 307) 528 | | <u>.</u> | <u>.</u> | | : | 11275 | 346,00 348,00 | | | - | - | • | • | • | • | - | • | - | • | | - | • | |
| ÷ | 350.76 52.8 350.76 52.9 | | $-\div$ | | : | | 9129 | · 348.00 | | | : | : | | : | : | : | - : | : | : | : | : : | : | | |
| 100 | 334 DB 50 4 | | | <u> </u> | | | 246 | 349,00 | | | - | • | - | • | | | - | • | | • | | | - | |
| | 3:7.30 47 6 | | - | - | | | | - 34.00 | | | : | : | - | - | • | • | : | : | • | • | : : | · | : | |
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| - | | | | • | | | | - 260.30 | | | - | | - | - | - | | | | | | | • | • | |
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| ÷ | | | | - : | | | | 4 177 61 | | | : | - | : | : | : | | ; | : | : | : | : : | - | : | |
| | | | | | <u> </u> | | | - 1477 | | | • | - | • | • | • | - | | • | | - | | • | | |
| • | | | | | | | • | 172.75 83.57 | | | • | - : | : | : | : | • | - : | - : | • | • | | - | : | |
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| * | | | • | | | _ | | 3.6 | | | | | | - | • | | | | : | : | : : | : | | |

| | | | | | | Vete | ge 2018 Pa | MOVE ***** | | Yelige | 7013 Receive | _ | Vet | agr 2011 Rosser | 4 | Verie | ga 2012 Ressoran | | I Requise | nd Nat Loci Re | entut: |
|--------------|---|----------------------------|----------------|----------------------------|--|------------------|-------------------------|------------|------------------------|----------------------------------|-------------------------|-------------------------|------------------|--------------------|-----------------------|-----------------|------------------|---------------|--------------------|------------------|---------------------------|
| | | Start Date | | End Data | Source Documents for Recovered Last WWHie | MMH | Ratio | R | BORNERY | MAH | Rain | Receivery | SAVA | Rate | Recovery | LANH | Rate | Receivery | MANH | Rate | Recovery |
| Şub 921 | Test Paned Prospective Period Less: Print Prospective Period | 8ep-07 Apr-06 Apr-07 | 10 10 10 | M=46 M=08 M=07 | E-2, Sub 931 Compliance Exhibit ? (Fugur 1 & 2) E-2, Sub 931 Compliance Exhibit ? (Fuger 1 & 2) Purind filet Application to Analysis | - 1 - | • | • | <u>:</u> | : 1 | - 1 | - - - | : | | <u>:</u> | · · | <u>:</u> | <u> </u> | - 1 | . · | • |
| | Het Recoveres | | | | | - | | • | • | • | • | - | • | | • | • | • | • | • | , | i - |
| Sub #51 | Test Pened Prespective Period Late. Prior Prespective Period Nat Recoverus | Apr-08 Apr-09 Apr-08 | 10 10 | 76-46 20-64 20-14 | E-2, Sub 951 Workpaper D-2 E-2, Sub 951 Workpaper D-2 F-2, Sub 931 Complainer Enthol 2 (Pages 1 & 2) | 70.77 | 57,1 | - | 4,042,73 | | · 1 | _ <u>:</u> | : | · · · | : | | | <u>:</u> | . \$ 70.77 | 51,13 - | 4002.73 1 4642.73 |
| | | | | | | | | | | | | | | | | | | | | | |
| Bub 577 | Test Period Prespective Period | Apr-19 Apr-10 | • | Mer-10 Ad-10 | E-2, Sub 977 Worlpager D-3 E-2, Sub 977 Worlpager D-3 | 200.14 181 29 | 570 | 06 | 11,861,09 10,342,20 | t13,11 \$ | 57,0\$ E 57,06 | 1454.55 74.264.89 | : | • - • | : | : 1 | : * | - | 371.25 S 670.81 | 57.06 I 57.06 | L 10.307 64 39,011.09 |
| | Less. Prior Prospective Person Nat Recovernos | Apr-08 | • | 71-09 | E-2, Sub 951 Wartpaper D-2 | 70.77 318.60 | 57.5 | | 16,180.55 | | | жи. | - : | | | - :- | ·- ; | - | क्षा क | 57.12 | 40(2.73 5 52;40(00 |
| Virtige Amo | unto fire Sub \$77 | | | | | 364 | | 5 | 222129 | 60160 | | ж | - | | | | | | 998.05 | 1 | 5 56 MAIS |
| Sub 1082 | Tool Period Prospective Period | Apr-18 Apr-11 Apr-10 | | Mar-11 Jul-11 Jul-10 | Stem of Values (Apr-10 thru libr-11) Stem of Values (Apr-11 thru Jun-11) E-2, Sub-927 Worksteep (-)-3 | 467,15 154,77 | \$ 56.0 56.0 57.0 | 34 | 28 290.74 5 282.60 | 2,590,50 S 1,220,58 465,52 | 56.34 56.34 57.05 | 147,820.13 66,762.76 | 151.98 549 81 | 6 98.15 L 50.34 | 8,040 41 32,040 40 | : 1 | 54.34 | ÷ | 5,954 % 5,954 % | 98 15 1 98 34 | 110,125.10 |
| | Leas. Pror Prospective Period Nat Recoveries | Appr-10 | • | JE-19 | Dry' was at t searthwise, n-s | 181 79 400:38 | 37.1 | | 77.201.14 | 1214 | 3/US | 25 756 85 186 114.02 | 771.50 | - 57.05 T | 40,739.21 | ÷ | 20 | | 57L In 4 523 82 | 57.05 I | 39,811.09 6 250,045.30 |
| Writege Asso | nets flex Sub 1902 | | | | | 470.91 | | | 60143 | 3 290 26 | ı | 722 539 46 | 721,60 | | 40,730,21 | | \$ | • | 5.521.M | , | 6 317,994.08 |
| Bush 1002 | Rate Pened Forecast | Dep-11 | 10 | Nev-12 | Sum of Values (Dec-11 thre New-12) | 440.53 | 56 2 | 29 \$ | 四155岁 | 786701 F | 54.29 i | 200.192.63 | 3,641.58 | 5629 \$ | 224,685.50 | 1,64657 \$ | 54.29 S | 02 694.25 | 0,207,00 \$ | 56.29 | \$ 579 001.15 |

Progress Energy Carolinas, Inc. Visings -2006 E All Virtages (North Carolina) Actions (W/F D-3A) 84 87% 84 87% #1,00% 65,00% 65,00% 65,05% P5 new 65,00% 86,00% 86,00% EL05% EL41% 66.41% (36.83) (2788) 46.80 40.20 24.65 400 B 并为 强为 为力 (100 es) (102 47) 21.0 241.0 176.34 198.76 254.42 491.70 55.40 430.7 645 107 % 85 47% 85 47% 85 47% 80 47% 101.10 18679 217.10 (272.25) 100 78 272.23 (P42.27) (P42.27) (1,029.90) (P43.37) 22.5 26.5 102.5 207 20 253.64 Dec-11 85.41% 85.41% 85.41% 85.41% はなないなどのなどのながらない。 (1'805 AN) (1'31\$ CD) (1'038 M) 53.50 300.47 19.04 35,11 71.86 (16**00)** (21.15) (1,332,44) TAN TAN 60 10 101.0 12201 2,012.90 (413.45) (473.62) (1,362.92) 634 60,576 40,576 40,576 40,576 70023 67) 49 (40, 30 45,19 494 40 495 30 101.30 104.04 615 17 135.05 13° 11 773 N 85 53% 85.53% 156.8 1350 63.53% 65.53% 65.53% 44.43 101 30 486 80 498.25 102.30 200.00 75.57 29L3 61,37 525 281.3 20.05 750,62 780,76 51,00 11485 19402 525.70 e in 44 20 73 90 165.62 201.00 922.51 955.63 987.23 1 040.50 74122 743 65.53% 85.53% 165.95 941.0 206.9 \$25.70 65.574 65.574 65.574 65.574 65.574 65.574 220 IS 220 IS 250 IS 350 IS 350 IS 470 IS 165 62 79725 30177 Fib Z 7793 525 TO 350 346.35 418.63 105.40 457 1,094 62 1,467 24 1,216.36 497 70 560 87 10.9 334.47 535.70 325 16 108 M 16 34 16 34 235.47 335.47 449.63 1 258 97 525.FB 20547 87.91 62434 62434 103.43 676.34 676.34 666.34 1,128,98 525 X 746.7 128.76 197.06 9C3 43 677 87 55 N 664.34 676.34 722.26 900.43 157 55 325.7 197.06 525 T 136,7 856.34 745,27 525 4 525.70 8434 8434 147.00 656.34 656.34 535.01 656.34 456.34 730 1 441.4 66.34 66.34 66.34 66.34 1316 75) E 1,04Z 230.10 791.77 17271 AL DE 104.00 Aug.14 w 1,006.73 Sep-14 w 1,3-4-69 230.14 267 65 MAN MAN Sep-14 to Old-16 to Nov-14 to Dec-14 to Jen-15 to Her-15 to A-15 165-25 23314 701 77 1777 791.76 668,34 602,90 1.424 604 66 541.30 40230 ¥: 57 301.99 297.71 135.64 1207.10 12,077,18 14 925 E 3717 (4) 32:764 100282 400292

Residential Appliance Recycling

| | | | | | | | | 2008 Racovenie | acovery | | 2010 Pacces | | Vetage IANA | 2011 Racquero | s Recovery | Virte | pr 2017 Paccount Rada | | |) Nat Loss Rose Ratio | nue Recovery |
|---------------|---|--|----------------|----------------------------|---|----------|---|----------------------------|----------|---|---------------------------|--|----------------------------------|---------------------------|---------------|------------|---------------------------|------------|--|---------------------------|--|
| | | Start Date | | End Outs | Source Documents for Recovered Lord WMTs | | | ا عليم | - | Menn | Rate | Recovery | 9000 | | realization . | | | | | | Taxable |
| to 111 | Test Penad Prespective Penad Less: Pror Prespective Penad Nel Recovertes | S op-07 Apr-08 Apr-07 | 6 6 6 | M=01 201 301 301 | E-2, the 931 Complaints Enthlet 2 (Pages 1 & 2) E-2, the 931 Complaints Esthlet 2 (Pages 1 & 2) Percel Not Applicable to Analysis | | • | - 1 - - | <u>:</u> | | - 1 - - - 3 | _ <u>:</u> | | . 1 | | - 1 | | <u>:</u> | -: | - 1 | <u>:</u> |
| Sub #51 | Test Penal Propertie Peral Less: Prior Proportive Peral Net Recoverins | Apr-06 Apr-09 Apr-08 | 15 10 10 | 34-05 34-05 | E-2, Suis 931 Minipager D-2 E-2, Suis 931 Winipager D-2 E-2, Suis 931 Compliance Exhibit 2 (Pages 1 & 2) | | | 97.12 | <u>:</u> | | . 1 | : | - 1 | : 1 | : | - : ' | - 1 | <u>:</u> | . 1 | : 1 | <u>:</u> |
| \$ab \$77 | Test Pustos Prospective Puried Less, Prior Prospective Puried Net Recoveres | Apr-00 Apr-19 Apr-09 | 10 10 10 | Mar-10 Aul-19 Jul-69 | E-2, Sub 977 Workpaper D-3 E-2, Sub 977 Workpaper D-3 E-2, Sub 951 Workpaper D-2 | <u>:</u> | | 57 08 1, 57.05 57.12 | <u>:</u> | :EDFF | 57 06 S 57 05 - | 1031A38 1031B38 | <u>:</u> : | : 1 | <u>:</u> | : ' | - 1 - | <u>:</u> | - 6 160.67 | 57.00 \$ 57.05 | 10,214.30 |
| Visinge Acro | unts tiru Sub 977 | | | | | | | 5 | | 160.67 | • | 10,318 39 | | | | | | | 180.67 | | 10,316.20 |
| Bub 1002 | Test Period Prospective Period Less Pror Prospective Period Not Recoveries | Apr-18 Apr-11 Apr-18 | 10 10 10 | Mar-17 Jul-11 Jul-10 | Sum of Values (Apr-18 Stru Mar-11) Sum of Values (Apr-18 Stru Mar-11) E-2, Sale 977 Workpaper D-3 | | • | 56.85 S 59.34 57.05 | <u>:</u> | 267936 \$ 1,147.32 140.67 3,036.81 | 54.85 E 56.34 57.05 | 117,752 00 64,535.07 10.316.30 172,526.57 | 12101 S 742 Z3 - e65 24 | 50.65 E 50.34 57.05 | 41,814.51 | : 5 | 54.85 L 54.34 57.05 | <u>:</u> | 2 193.37 6 1,000.56 100.07 2,912.02 | MA.65 S MA.34 57.05 | 124 (PFE, 18 105,450 (B) 10,318 39 220,438 47 |
| Vintege Anto | unio Gris Sub 1907 | | | | | - | | | • | 3217,00 | 5 | 167,336.95 | 86.24 | | 49,607.90 | • | • | • | 4,002,92 | | 231,145.85 |
| Sub 1802 | Rate Ferred Ferrecust | Dec-11 | 10 | Nov-12 | Sum of Values (Dec-11 thrs Nov-12) | | 5 | 50,29 6 | | 3,443 18 6 | \$4,29 S | 193,818 45 | 6,385.60 \$ | 56.29 \$ | 303,721.46 | 2,697.11 6 | 56,29 \$ | 163,678,62 | 11,726.06 \$ | 56.29 S | 890,619 52 |

| 5 unes esc | Elicency Programs (MWH): Red Vintage - 2001 Vintage VW1 Recoverable | Vintage - 2818 Vintage MWH Rescheration | Velage with Recoverable | Vintage - 2012 Virtage lately Recoverable | Allocation | Recoverable Re | 8 (Herth Carolina) covered Over(Under) | Reciperation | - 2018 (North Comins) Resoured Over(La | car) Represable | -2011 (Florth Carolina) Recovered Over\$2 | dar) Reco-public | | poljinose) Asspi | I All Viringes (Hori trentile Recover | |
|--|---|---|---------------------------------------|---|------------------|------------------|---|--------------------|---|-----------------|--|------------------|-------------------|------------------|--|----------------|
| <i>3</i> 1000 170 | Additions Losses | Apticus Lastes | Apprierre Losses | Additions Losses | Factor (HC) | Lasses L | ORGON I RECOVERY | <u>(attas</u> | Letnes I Roco | rery Lomes | Lumbet I Reco | Mary Losses_ | <u>Leases Σ</u> R | Recovery Lo | | s ⊈Re |
| | | <u>-</u> | | | #1616 #1616 | • | • • | • | • | - | • | | • | • | | - |
| * : : | | | :: - | -: | # 81% | : | : : | | : | : : | : | | • | : | | • |
| : | | | | | 12 | | | | | | | <u> </u> | <u>-</u> | | - | <u></u> |
| | | | | | a son | | : : | | | : : | | | | | | - |
| • • | | | | | E5.08% | - 1 | | | | | | | - : | - 1 | - : | - |
| | | | | | 82'00# | | | | | | | | | | | |
| • | | | | | 85,09% | <u>-</u> | | - · <u>-</u> - | <u>-</u> | | | | | | | |
| Ψ - | | | | - · · · · | \$2,08% | | | | | | | | | | | |
| | | | · · · · · · · · · · · · · · · · · · · | | 65,78% | • | | - | | | | | | | | |
| <u> </u> | | <u> </u> | | | 62,000 | - | | - | - | | | | | | | |
| • • • | | | | | 62.08% | - | | | | | - | | - | | | |
| - | <u> </u> | | <u> </u> | | 85.D8% | • | | - | • | | | | | • | | |
| | | <u>;</u> | | <u></u> | E.05% | • | | - | • | | • | | - | • | | |
| <u> </u> | | | | | 85 08% | _ _ | <u> </u> | | | <u> </u> | • | <u> </u> | <u>·</u> | _ <u></u> | | |
| · · · · · | | | | | 85,03% | • | • | - | • | | • | | • | • | - | • |
| | | _ | | | 8541% | - | | • | • | | - | | - | • | | |
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| <u> </u> | <u>.</u> | ·:_ | | <u> </u> | 85479 | • | | - | • | | • | • | - | • | | • |
| <u> </u> | _ · _ · | | | | 25.47% E5.47% | - | • | - | - | | • | | • | • | | - |
| <u> </u> | | | | <u> </u> | | • | | • | • | | • | | • | • | | • |
| : - :- | : | | . | | ● E476 | • | | • | • | | • | | • | • | | • |
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| 14 40200 2,585 00 | | | 14 430 F 1 200,00 | | 65370 | - | | - | | 1,026.30 | . a | 026 349 . | - : | | 1 626.36 | |
| | | - | 1,200 00 | | 85.57% | | | | | 1,070.30 | 2052.77 | | | | 1,626.36 2552 | 2.72 |
| | | | 1 200.00 | | IE 53% | ~== <u>-</u> ~== | | - · - - | | | | | | | | - |
| · · · | | | . 1,200,00 | | £174 | - | | - | | | | | - | | | |
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| | | <u> </u> | - 1,800.00 | | 65.53% | | | - | - | - 1,075.36 | | | | - 1 | 1,000.00 | |
| | | | . 1,700,00 | | 80,57% | | | | | - 1,028.36 | | | | . 1 | 1025.35 - | - |
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| te 14 400.00 2,546.00 | _ | | 1,200,00 | | £ 655% | | | | - | - 1,025.35 | | | | - 1 | 100436 | |
| te | <u> </u> | | · 1700.00 | <u> </u> | \$ 60.53h | - | | | | - 1,626.3d | • | | | . 1 | 1 026.36 - | |
| ■ 14 400.00 2.546.00 | <u> </u> | | <u> </u> | 74 40 <u>0.0</u> 1,200.00 | S same | - | | | • | | - | 1,028 36 | | | 1,025.36 | |
| <u> </u> | | <u>·</u> | | 1,300,00 | E 85% | • | | • | • | | • | - 1,028.36 | | | 1,626 36 . | • |
| | | _ | <u> </u> | 1 200,00 | 3 17.534 | • | | | • | • | • | - 1,536,36 | | | 1,026.30 - | |
| | | | | 1,200 00 | 8724 | - | | • | • | | • | - 1,026.36 | | | 1,02636 | • |
| <u> </u> | | _ :_ | | - 1,700,00 - 1,200,00 | 85.53% 85.53% | • | | • | • | | • | - 1,626,36 | | | 1,026.36 | |
| tu · | | ` | | | | • | | • | • | | • | 1,024,36 | | . , | LCE 16 - | - |
| | | _ | ·_ | - 1,200,00 - 1,200,00 | | - | | • | • | | • | | - | • | | • |
| : : : | <u>-</u> | <u>-</u> | | - 1,201,00 | | • | • • | • | • | | • | • | - | • | | • |
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| <u> </u> | | | | | | • | | • | - | | | | | | | |
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| | | | | - 1,20100 | | - | : : | | : | : : | ÷ | : : | - | : | : : | |
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| 51 530,650 2 pile 60 | | | | 1,200,00 | | | | | | | | | | | | |
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| 15 SECTION 2 DES ON TO THE SECTION SEC | | | | 1,200,00 | | | | | | | | | | | | |
| 91530,00 2 (98 0) | | | | 12000 | | | | | | | | | | | | |
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| 51 \$50.65 2 pile (n) | | | | 12000 | | | | | | | | | | | | |
| 9150000 20800 1150000 20800 | | | | 12000 | | | | | | | | | | | | |
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| 11530.00 2.086.00 11530.00 2.086.00 | | | | 12000 | | | | | | | | | | | | |
| 11 500.05 2 pile 01 | | | | 12000 | | | | | | | | | | | | |

Residential Benchmarking

| | | Start Date | | End Date | Source Decements for Recovered Last MINNs | Ven | ge 2028 Marie | Responses Res | | Virta VVIII | ge 2010 Rocco Rado | eres Recovery | NAME OF | ringo 2011 Russ Duba | reres Dominio | 144 | Vrtage Ni | 2012 Reports Refe | Recovery | I Paccuse NAVA1 | ed Hel Lost Ro Ratio | evenue Recovery |
|--------------|---|----------------------------|----------------|----------------------------|--|----------|------------------|---------------------|----------|----------------|-----------------------|------------------|---------------|---------------------------|-------------------------|----------|--------------|--------------------------------|------------|---------------------------|-------------------------|-----------------------------|
| 動料 | Test Puried Prospective Penod Less. Prior Prespective Penos! Nat Recovenes | 5ep-07 Apr-09 Apr-07 | b 5 | 14r-48 34-08 34-67 | E-2, Sub 931 Compliance Exhibit 2 (Pages 3 & 2) E-3, Sub 931 Compliance Exhibit 2 (Pages 1 & 2) Parlad Not Applicable to Passiyolo | - 1 | · · | - \$ - - | : | | | | : | 1 : | \$ | | - \$ | | <u>.</u> | . 1 | | |
| Bub 951 | Test Planed Prespective Paried Less Prior Prespective Persed Net Recoveres | Apr-08 Apr-08 Apr-68 | in in | 14-05 14-05 14-08 | E-2, Bub 151 Workpaper D-7 E-3, Bub 151 Workpaper D-2 E-2, Sub 151 Completice Enthal 2 (Pages 1 & 7) | | | - E 7.12 - S | <u>:</u> | : 1 | - ! | • | - | : | 5 | | | - 1 | <u>.</u> | . . | | t - - - - |
| Sub 977 | Test Period Prespective Petrod Laux: Prior Prespective Petrod Nat Recovering | Apr-09 Apr-19 Apr-09 | 10 10 10 | Mar-10 Ad-10 Ad-00 | 6-2, Sub 977 Workpaper D-3 6-2, Sub 977 Workpaper D-3 6-2, Sub 951 Workpaper D-2 | <u>:</u> | | | <u>:</u> | - s | 57 05 57 05 | s : | · | <u>:</u> | \$ | <u> </u> | : 1 | - s - - - | <u>:</u> | : ' | 57,00 57.05 | \$: : : |
| Vinlage Amor | unto tiru Sub 977 | | | | | • | | • | - | - | | | - | | | | | | | - | | s - |
| Sub 1982 | Test Pured Prespective Pered Less, Prior Prespective Pered Nat Recoveres | Apr-15 Apr-15 Apr-16 | b h | Mar-11 Jul-11 Jul-10 | Soon of Ynibure (For-10 thm Mor-11) Soon of Ynibure (For-11 thru Am-11) E-2, Suib 977 Workpaper D-3 | <u>:</u> | | 685 E 634 705 | <u>:</u> | : | 56.34 57.05 | : | 2,052.77 | 6 56 66 56.34 57.05 | \$ 115,640 B 115,640 | | - 1 | 56 85 1 96.34 57 85 1 | : | 2,052.72 - 2,052.72 | 54.34 57.05 | \$ 115,64260 6 115,64280 |
| Virtage Amo | urth Bys Suli 1907 | | | | | | | | | | | | 2 052.77 | | \$ 115,60 | ,ao | - | \$ | | 2,052,72 | | \$ 115,642.00 |
| Bash 1802 | Rate Pened Forecast | Dec-11 | lo | Nov-12 | Sum of Values (Dec-11 dru Nov-12) | • | | A.29 S | | - : | 56,29 | | 6,150.18 | 1 42 | \$ 340,640 | ,14 6,1 | 58.16 S | 56 29 5 | 345,643,14 | 12,316.32 \$ | 54,29 | 5 007 202.20 |

| | Vint | ograma (NAVIII). CIG. I tago - 2000 | Virtage | - 2010 | Vintag | - 2011 | | e - 3012 | | Vintage | - 2500 Planti | Carolina) | Violage - | -2010 (North (| Carelha) | Vintage | - 2011 Slerth (| Careline) | Vintage | - 2012 (Piorth C | | E ALI VIII | ges (Blarth (| (aretha) |
|------------------------------|------------------------|--|--|----------------------|--------------------|----------------------|--------------------|--------------------|-------------------|------------------|---------------|-------------------------------------|-----------------------|-----------------------|---------------------------|----------------------|-----------------|------------------------|----------------------|------------------|----------------|----------------------|---------------|----------|
| Additions (MAP I)-34 | Virtuge MW | Recoverable | Virlage MWH | Recognitie | Virtage M461 | Recoverable | Virtage MMH | Recognitie | Aftecation | Paramer ander | Decorated | Over(Circles) | Recoverable | Recovered | Over@Underj | Recoveragile | Appeared | (vacilism) | Recoverage | Recovered | Confidence) | Recoverage | Reco-resi | Compt. |
| 640H 10H | Additions | Lennes | <u>Adron</u> | <u> </u> | | | Address | LORGIC | Faster (HC) | Lame | Lorres | I Recovery | London | - rated | 3 Recovery | - (4444) | Lapes | I Recovery | Louses | Londes | E Receivery | Losses | Loren | _ I Req |
| | | | | | | | - : | | 64,87% | | : | | | | - | : | | | : | | - | : | · | |
| 785.41 176 | 75 76 | 4 6370 | • | | | | | | 8 - HE | | | | | | <u>:</u> | <u>:</u> | | | <u> </u> | | | - | | |
| 765.41 176 800.65 215 | 93 936 | | : - | : | | - : | : | - | 3 200 | | : | (54 II) (174 20 | : | : | : | : | - : | : | : | : | | \$4.10 (20.24 | : | |
| 760 24 244 | (7) 7ej | 2 205 13 | | ···· | | | <u>-</u> | | 85,08% | 1744 | - : | (348 81) | | | | | | | - | | - | 174 40 | - : | |
| 2,006.00 440 | 46 2,335 | | | <u> </u> | | | | · | L | 94805 | 342.97 | (345.94) | | | - | : | | | | <u>`</u> _ | | 340.05 | 342,92 | |
| 1,364 48 390 2,518.43 431 | 271 1,364 141 7,548 | 5 515.15 | | | <u>-</u> _ | | · | | 85.08% B5.08% | 430,19 516,70 | - | (794 13) (1 400,63) | - | • | - | • | - | • | • | • | • | 49L19 618.75 | • | |
| 2,065,65 314 | | | : | | | | | 1. | 65.00 | | : | (1 400.64 | : | : | : | : | : | : | : | | | ₹1,25 | : | |
| 1,767.22 197 | | | | | | • | | | M5.00% | 946.94 | | J3 160 241 | - | | | | | - | - | | | 945 18 | - | |
| | 20 210 | | | | | <u>-</u> | · | | 85,084 | 96633 | - | (4,129 57) | | | | | | • | • | | • | 451 33 | - | |
| 2,746.90 736 2,336.15 477 | 120 - | 1,230,18 1,230,48 | 3700 2702 | 312.Q 502.75 | | | <u> </u> | 1 | E.08 | | - | (5,000 40) (6,007 22) | 265.74 431.48 | • | (265,74) (567 22) | • | • | | | • | • | 1,277 67 1,382.61 | - | |
| 1635.66 63 | | 1,13018 | 169.7 | 810.23 | - | | | 1 | 65,00% | | 6,901.40 | | 669.16 | 1,764.64 | (22.37) | | - : | | | | | 1,630,51 | 125144 | |
| | L17 - | 1,130 18 | 2.764 8 | 1,040.97 | | | | | 85.069 | | | (1,074 48) | 865.45 | • | (917.82) | | | | | | | 1,646.78 | | |
| 2,715.74 66 | 7.69 - | 1,:3018 | 27157 | 1,267.2E | | • | <u>·</u> | | 85.479 85.479 | | • | (2,039 75) | 1,012.35 | • | (1,990.3Q) (3,175.67) | • | - | - | • | • | • | 2,047,67 | • | |
| | 270 - | 1,130.18 | 1,448.3 | 1,167.97 | : | ÷ | | | 85.419 | | 3,535,98 | (2,005,04) (2,025,04) | 1,180:47 | 4 005 13 | (427.50) | : | | : | : | : | : | 215075 270202 | 7,545.76 | |
| 34035 67 | 144 - | 1,13618 | 3408 | 1,83700 | | | | '- | E | 423 | | (1,364 65) | 1,569,56 | | 7.061.56 | | | | <u>-</u> - | - - | - - | | | |
| 1 41E18 23 | | 1,131.16 | 14192 | 1,465.18 | | | <u> </u> | | E5.41% | 95.20 | | (2,354 (3) | 1,659.92 | • | (3,731,44) | | | | - | - | - | 2405.21 | | |
| | 1.73 | 1,130.18 | 4 672 8 | 2 294,57 | | | | | 8 6.419 | | • | (3.310,23) | 1,954.79 | • | (5,681.28) | • | • | - | • | | - | 7,105,01 | • | |
| | 54 - | 1,130,16 | 3.3452 1.677.1 | 2,573.42 2,724.65 | | | | | 3 E44 | | : | (4,295.50) (5,760.78) | | | (7 666 24) (10 220 60) | • | • | • | | • | - | 32%L85 | | |
| | 900 | 1,130,18 | | 2,729.65 | 3,000 0 | 24.5 | | | 65,415 | | | 62600 | 2331.57 | : | [12,952.37] | 218.44 | - : | G18.44 | | | | 351520 | | |
| 4 999 48 1,100 | | 1,170,19 | | 2,729 % | 4405 | 645 | | | E 15 419 | | | (7,191.30) | 2,331.57 | | (1.4 883 94) | 562.21 | | (770_65 | | | | 3,848.08 | | - 7 |
| 4,434.30 104 | | 1,130.10 | | 272016 | 44311 | 1,000,00 | | | 85.47% | | 8 150,64 | | 239157 | 17 215 50 | | | 1,636.47 | | <u> </u> | | | 4 194 GB | 강아마하 | |
| | 200 - | 1,130.18 | | 2,729.65 2,729.65 | 3,035.0 3,719.0 | 1,743,40 | | | 85,41% 95,139 | 96.00 10.00 | • | (546 28) (1,931,92) | 2,331; 57 2,334,84 | : | (2,331,57) | 1,083,84 | - | (1,002.84 (2,364.64 | | • | - | 430.6 | • | |
| 1314 CC 80 | 100 - | 1,130 H | : | 2729.6 | 33140 | | | | B 578 | 14564 | | (2,001.57) | | : | [7.001 25] | 1,551.00 | | p.144-51 | | | | 4,652.48 | : | |
| 3,412.00 428 | | 1,130 18 | | 2,729 45 | 34128 | 200774 | | | 15 53% | | 3,055.21 | | 2,334,84 | 9 306.00 | | 1,764.99 | 4743.04 | | | <u>-</u> | | LOLD | 18,545.14 | |
| 3,513,00 85 | | 1,1301 | | 2,729 95 | 35130 | 2,360 49 | | - | 65.53% | | | | | | | | | | | · | | | | |
| | 9.00 <u>-</u> | 1,13018 | - : | 2,779.65 2,729.65 | 34170 3724.0 | 2481.97 3,002.34 | | _ - | 85.53% 86.53% | | | | | • | : | • | | | | | • | - | - | |
| 3,434.00 93 | | 1,130,16 | | 2,729.65 | 3,634.0 | 3,321,74 | | | 85.574 | | | | | : | | | : | : | | : | | - | : | |
| 1625 00 47 | .00 | 1,1301/ | <u>. </u> | 2/20.00 | 1050 | 1000 | | | E-574 | | | - | 2,354 M | • | - | 1,020 45 | - | - | | | - | 6,9,71,94 | - | |
| | 900 | 1,130.18 | | 2,7244 | | 1571/2 | 3,166.0 | 20.63 | 65.539 | | - | • | MAES. | • | - | 1,069.45 | | | 275.05 | • | - | 6,626.50 | - | |
| | 100 - 600 - | 1,130.18 | - | 2.72k E | | 7(57)55 | 3,759 G 3 35A G | | B 55.5% | | - | • | 2,334 84 2,334 84 | • | - | 3,090,46 3,090 45 | • | • | 457 84 687.14 | • | | A,456,66 7,008,08 | • | |
| 1456.00 84 | 200 - | 1,056.39 | : | 2/246 | | 367382 | 1400.0 | 1,101.00 | E 65.534 | | | | 2,334.64 | : | - : | 1,000-6 | | : | 90.40 | : | | 7,200 70 | : | |
| 3,639.00 99 | <u>,00 -</u> | 665.62 | | 2,729 64 | | 1,6510 | 3,639.6 | 1,406.25 | 第 85.576 | B45.74 | - | | 2,334.84 | | • | 1,010 45 | - | | 1,202,77 | - | | 7,482.60 | | |
| | 5 CÓ - | \$25.05 | ÷ | 27m e. | | 3423.62 | 3,734 0 | | E 15.50 | | - | | 2,334.84 | | • | 7050 | - | - | 1,498.91 | - | • | 7,694.40 | - | |
| 3,622.05 (0 | 7.00 | 730 40 815 03 | | 2,729 65 2,729 65 | <u> </u> | 7636 7636 | 3,000,0 3,000,0 | | 8 E20 | | • | • | 2.334 B4 | | | 1,010.45 1,010.45 | | • | 1,742,03 2,022,36 | • | • | 7,001,04 7,902,00 | | |
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| 4144.00 1,00 | | 154 (8) | | 2726 | | 30302 | 4 1440 | 3,048.25 | 15.53% | 140.85 | | | 2,334.84 | | • | 1096 | | | 2,605 46 | | - | 6,180,61 | | |
| 4,254.00 1,03 | | 17,63 | | 2,729.65 | | 762/65 | 4 254 0 | | 65.534 | 15.25 | | - | 2,334 64 | • | | 7000 45 | • | - | 2,900,66 | | | 4,354.71 | • | |
| 4 388,00 1,00 3,566,00 87 | 200 - | • | _ | 2,779 MS 2,417,44 | | 3615 | 4 378.0 | 3,764 75 | | | | - | - | • | • | • | • | - | • | - | • | - | • | |
| | 5.00 | - | | 2,222.54 | - | 307342 | | 3,754 75 | | : | | | | | - | : | : | : | : | | : | | : | |
| 3,776.00 91 | 9.00 | | - | 1,0:0.07 | | 360 10 | | 3,764.75 | | ٠. | - | - | - | | | | | - | • | - | - | | | |
| 3,475.00 54 | 300 - | | <u>-</u> | 1,000 06 | | 1616 | | 3,764 75 | | • | • | - | - | | • | | - | - | • | - | - | - | - | |
| 4,000 00 pe 4 154,00 1,01 | 7.00 | | | 140257 | — <u> </u> | 362782 | | 176475 | | • | • | • | | : | : | • | • | • | | • | | • | • | |
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| 435300 100 | 1 OC - | | | 62.6 | | 167165 | - | 376475 | | | | - | - | • | - | - | - | - | | | - | | | |
| 6,457.00 1,08 | | | | 774.67 | | 7123765 | | 3,764,75 | | • | - | | • | | • | - | • | - | | • | - | | | |
| 456400 1,11 467400 1,13 | 100 | | | 435.78 | | 163,62 | <u> </u> | 376475 | | • | - | • | | • | | • | • | - | • | • | • | - | • | |
| 4,765-00 1,16 | | | | | | 167.62 | | 3,8175 | | : | | : | - | : | : | : | : | : | : | | : | | : | |
| 3/00/00 100 | 0.27 - | | | | | 1,368,07 | | 3,761 75 | | | | - | | | | - | | | | | - | | | |
| | <u> </u> | · <u> </u> | | | | 297 28 | | 3,761 75 | | | - | • | - | | • | | • | - | • | - | • | - | | |
| | 3 27 7.40 | | <u>:</u> | <u>-</u> _ | | 2,007.75 2,364 00 | <u> </u> | 3,764.75 | | • | | - | - | • | • | - | • | • | - | • | • | • | • | |
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| 4 400.00 1.07 | | | | | | 1,818 42 | - | 3,754 75 | | - | - | | - | | | | - | - | | | | | | |
| 4 500,00 1,09 | | | | | | 1,526,08 | | 1,764.75 | | • | • | - | • | | • | - | | • | • | • | - | • | • | |
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| 4 900.00 1.19 | 275 | | | | | 102.00 | | 3,794.75 | | - | | | | | - | | | | | - | | | | |
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| | | | | | | | | 2,681 75 | | | | | | | | | | | | - | | | | |
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| | | · • | | | | | | 2,047.33 | | • | • | • | • | • | - | - | - | • | • | • | • | - | • | |
| | | | | | | | | 1,720 00 | | | • | - | • | • | • | • | • | | • | - : | • | • | | |
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| | | | === | | : | | | 1,053.63 718.55 | | : | : | : | | : | : | : | : | : | : | : | : | : | : | |
| | | | = | === | | | : | 1,053.83 | | : | : | : | : | : | : | : | : | : | : | : | : | : | : | |

| | | | | | | Vetage | 2000 Reco | | Virtag | 2010 Pecare | P46 | Velag | ge 2011 Recover | | Vest | age 2012 Recover | 44 | I Hecorem | d Nat Lock Flor | APPLIE |
|----------------|---|----------------------------|----------------|-----------------------------|--|--|-------------------------|---|--|----------------------------|--|------------------------------------|----------------------------------|---------------------------------------|-------------|---|--------------|--|-----------------|--|
| | | Start Cute | | End Date | Source Decaments for Recovered Lost MWig | MANA | Ryda | Recovery | MAN | Rate | Paramery | | Rate | Recently | MAN | Rain | Recovery | | Rate | Recovery |
| Gab 531 | Test Period Prospective Period Less Piror Prospective Period Not Recoveres | Sap-07 Apr-08 Apr-67 | 10 10 10 | Ma-00 30-00 36-03 | E-2, this \$31 Compleme: Estable? (Pages 1 & 2) E-2, this \$31 Complemes Estable? (Pages 1 & 2) Purind Net Applicable to Assayus | - 5 | <u>:</u> | • - - - | | . 1 | <u>:</u> | -: | | <u>:</u> | <u>:</u> | | : | : 1 | - 1 | : |
| Bach \$51 | Test Period Prespective Period Logo Prex Prospective Period Net Recovered | Apr-08 Apr-08 Apr-08 | 10 10 | 1940 1940 1940 | E-2, Sub 951 Wortpaper D-2 E-2, Sub 951 Wortpaper D-2 E-2, Sub 951 Complemee Edible 2 (Pages 1 & 7) | 142.92 | 45.00 | 5 15,637,18 5 15,637,18 | | - 1 - - 1 | | | : 1 | <u>:</u> | <u>:</u> | - 1 | <u>:</u> | 342 62 | - 1 45.60 | 15,637,18 15,637,19 |
| 100 177 | Test Pered Prespective Pered Less: Prox Prespective Period Not Recoveres | Apr-09 Apr-19 Apr-09 | • | 68er-18 366-18 366-09 | E-2, Sub 971 Workpaper D-3 E-2, Sub 971 Workpaper D-3 E-2, Sub 951 Workpaper D-2 | 7,243.32 3,555.95 342.62 18,496.37 | 45 63 45 63 45 63 | \$ 330,502.95, 161,341,11 15,657,18 \$ 479,206.87 | 1,364,04 4,000,63 5,373,86 | 45.63 \$ 45.63 45.63 | 62 236.05 182,142.91 245.201.97 | · • | . 1 | | <u>:</u> | 1 | : | 8,607.36 \$ 7,543,19 342.92 15,819.23 | 45,60 | 382,742,60 344,304,62 15,637,19 5 721,406,103 |
| Vintage Amo | unia (kru Sub 97/ | | | | | 10,779 29 | | \$ 671,644.06 | 5,373 86 | 8 | 247.231.97 | | | | | | | 10,153 15 | | 737,044.09 |
| Bats 1902 | Test Pered Prespective Persod Less Prox Prespective Period Not Recoveries | Apr-10 Apr-11 Apr-16 | • | 14r-11 14·11 14·10 | Surs of Values (Apr-10 tim Mar-11) Sum of Values (Apr-10 tim Apr-11) E-2, Guis 977 War Spaper C-3 | 11,002,00 8 3,005,21 2,535,65 12,021,05 | 440 440 440 | \$ \$21,023.36 173,556.26 161,341.11 \$ 543,770.62 | 71 275.20 % 6,376.00 4,059.63 26,561.50 | 4547 15 4140 458 | 964 009-64 419,216.15 162,987.91 1,200,267.88 | 1,608.67 S 5,713.84 7,382.31 | 45.02 \$ 44.90 45.03 \$ | 74 415 93 257,814 20 382,330,13 | <u>:</u> ' | 44.80 44.80 45.00 | <u>:</u> | 7,542,79 45,992,75 | 44 %0 45 \$3 | 1,500,472,90 844,004,73 344,304,02 2,975,043,64 |
| Viriage Acc | sunis Bry Sub 1002 | | | | | 22,001,13 | | 1 005 :74 68 | 31,925.45 | | 1,645,444.84 | 7,302.31 | • | 33 <u>2.</u> 330 13 | • | 1 | - | 67, VÅL 90 | ſ | 281290998 |
| Sub 1902 | Ruto Period Forecast | Dec-11 | lo | Nav-12 | Sum of Yakan (Dat-11) Sun Hor-17) | 0,000.97 % | 44.66 | \$ 361 949 61 | MOAU S | 4486 \$ | 1 254 805.56 | 37,190.44 8 | 448 8 | 169,303 | 18,564 ct 1 | 4.85 \$ | M7452-20 | 86,864,92 S | 466 | 6 4 00% MG 38 |

Energy Efficiency Program Impact Estimates at the Meter

| MWH | 45.4 16.1 61.5 5.6 113.7 17.4 164.2 17.0 110.4 16.4 175.7 21.8 10.7 12.6 154.0 18.8 133.5 22.6 157.7 6.2 131.2 26.5 131.7 28.0 157.7 6.2 131.2 26.5 131.7 28.0 157.7 38.2 159.7 38.2 159.7 38.2 159.7 38.2 159.7 129.9 155.4 58.8 187.8 87.9 155.4 76.7 151.5 20.5 151.0 114.0 151.0 114.0 157.7 97.1 150.9 37.0 151.0 114.0 157.7 97.1 150.9 37.0 151.0 151.0 | 21.7 39.1 56.1 72.5 94.3 106.9 125.7 148.2 156.1 216.1 222.3 248.7 276.7 300.6 338.8 458.7 527.4 615.3 687.5 764.2 854.7 931.4 971.4 1,206.9 1,206.9 | 4.3 76.5 87.3 211.2 275.1 299.1 390.7 285.0 75.0 830.4 356.9 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 | HEIP Pr 2 MWH 4.3 81.0 168.2 379.4 654.5 953.5 1,344.2 1,629.3 1,704.2 2,534.6 2,891.5 3,359.1 4,029.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 9,387.9 | 4.1 73.6 82.5 202.9 259.8 263.1 363.0 263.9 67.0 781.2 323.4 438.4 652.3 585.3 695.1 565.3 440.9 246.8 4.5 | 4,1 77.7 160.2 363.2 623.0 906.1 1,269.1 1,533.0 1,600.0 2,381.2 2,704.6 3,243.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 7,255.6 |
|---|--|--|--|---|---|--|
| Feb-09 - - - 16.1 6 Mar-09 - - 52.2 11 Apr-09 - - - 50.5 16 May-09 - - - 65.3 27 Jun-09 - - - 65.3 27 Aug-09 - - - 69.5 43 Oct-09 125.3 125.3 19.3 19.3 20.1 45 Nov-09 422.2 547.5 65.1 84.4 125.3 57 Dec-09 ! 30.6 578.1 4.6 89.0 78.8 65 Jan-10 259.8 838.0 40.1 129.1 73.6 73 Feb-10 292.3 1,130.3 45.1 174.2 82.4 81 Mar-10 271.9 1,402.2 42.0 216.2 73.6 38 Apr-10 314.6 1,716.8 47.8 264.0 112.4 | 61.5 5.6 113.7 17.4 164.2 17.0 164.2 17.0 164.2 17.0 164.2 17.0 16.4 175.7 21.8 10.7 12.6 154.0 18.8 133.5 22.6 153.6 7.8 153.6 60.0 157.7 5.2 131.2 26.5 131.7 28.0 157.7 38.2 159.7 38.2 169.1 129.9 155.4 58.8 187.8 87.9 194.4 72.2 115.4 76.7 116.9 37.0 190.1 235.5 111.0 114.0 190.1 235.5 111.0 114.0 122.9 150.0 50.0 127.0 151.0 | 21.7 39.1 56.1 72.5 94.3 106.9 125.7 148.2 156.1 216.1 222.3 248.7 276.7 300.6 338.8 468.7 527.4 615.3 687.5 764.2 854.7 931.4 | 76.5 87.3 211.2 275.1 299.1 390.7 285.0 75.0 830.4 356.9 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 | 4.3 81.0 168.2 379.4 654.5 953.5 1,344.2 1,629.3 1,704.2 2,534.6 2,891.5 3,359.1 4,029.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 9,387.9 | 73.6 82.5 202.9 259.8 283.1 363.0 263.9 67.0 781.2 323.4 438.4 652.3 585.3 585.3 595.1 565.3 320.6 412.3 430.9 246.8 | 4.1 77.7 160.2 363.2 623.0 906.1 1,269.1 1,533.0 1,600.0 2,381.2 2,704.6 3,243.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Mar-09 - - 52.2 11 Apr-09 - - - 50.5 16 May-09 - - - 46.1 21 Jun-09 - - - 65.3 27 Jul-09 - - - 35.0 31 Aug-09 - - - 53.2 36 Sep-09 - - - 69.5 43 Oct-09 125.3 125.3 19.3 19.3 20.1 45 Nov-09 422.2 547.5 65.1 84.4 125.3 57 Dec-09! 30.6 .578.1 4.6 89.0 78.8 65 Jan-10 259.8 838.0 40.1 129.1 73.6 73 Feb-10 292.3 1,130.3 45.1 174.2 82.4 81 Mar-10 271.9 1,402.2 42.0 216.2 73.6 88 | 113.7 17.4 164.2 17.0 164.2 17.0 110.4 16.4 151.4 18.8 131.0 12.6 154.0 18.8 133.5 22.6 153.6 7.8 153.6 60.0 157.7 62 131.2 26.5 131.2 26.5 131.3 28.0 157.7 28.0 157.7 28.0 157.7 28.0 157.7 12.9 157.8 87.9 158.4 76.7 158.1 29.5 158.8 87.9 159.4 76.7 151.0 114.0 151.0 114.0 151.0 114.0 151.0 151.0 | 39.1 56.1 72.5 94.3 106.9 125.7 148.2 156.1 216.1 222.3 248.7 276.7 300.6 338.8 468.7 527.4 615.3 687.5 764.2 854.7 931.4 | 76.5 87.3 211.2 275.1 299.1 390.7 285.0 75.0 830.4 356.9 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 | 4.3 81.0 168.2 379.4 654.5 953.5 1,344.2 1,629.3 1,704.2 2,534.6 2,891.5 3,359.1 4,029.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 9,387.9 | 73.6 82.5 202.9 259.8 283.1 363.0 263.9 67.0 781.2 323.4 438.4 652.3 585.3 585.3 595.1 565.3 320.6 412.3 430.9 246.8 | 4.1 77.7 160.2 363.2 623.0 906.1 1,269.1 1,593.0 1,600.0 2,381.2 2,704.6 3,143.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Apr-09 May-09 Jun-09 Jun-09 | 164.2 17.0 110.4 16.4 175.7 21.8 150.7 12.6 154.0 18.8 153.5 22.6 153.6 7.8 157.7 6.2 157.7 6.2 157.7 28.0 157 | 56.1 72.5 94.3 106.9 125.7 148.2 156.1 216.1 222.3 248.7 276.7 300.6 338.8 468.7 527.4 615.3 687.5 764.2 854.7 934.4 1,206.9 1,418.0 | 76.5 87.3 211.2 275.1 299.1 390.7 285.0 75.0 830.4 356.9 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 | 4.3 81.0 168.2 379.4 654.5 953.5 1,344.2 1,629.3 1,704.2 2,534.6 2,891.5 3,359.1 4,029.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 9,387.9 | 73.6 82.5 202.9 259.8 283.1 363.0 263.9 67.0 781.2 323.4 438.4 652.3 585.3 585.3 595.1 565.3 320.6 412.3 430.9 246.8 | 4.1 77.7 160.2 363.2 623.0 906.1 1,269.1 1,533.0 2,381.2 2,704.6 3,243.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| May-09 - - 46.1 23 Jun-09 - - 65.3 27 Jul-09 - - - 35.0 33 Aug-09 - - - 53.2 38 Aug-09 - - 69.5 48 Oct-09 125.3 125.3 19.3 19.3 20.1 45 Rov-09 422.2 547.5 65.1 84A 125.3 57 Dec-09 ! 30.6 578.1 4.6 89.0 78.8 65 Jan-10 259.8 38.0 40.1 129.1 73.6 73 Feb-10 259.3 1,30.3 45.1 174.2 82.4 31 Mar-10 271.9 1,402.2 42.0 216.2 73.6 88 Apr-10 314.6 1,716.8 47.8 264.0 112.4 99 May-10 242.2 1,959.0 37.4 301.4 369.4 | 110.4 16.4 175.7 21.8 110.7 12.6 | 72.5 94.3 106.9 125.7 148.2 156.1 226.1 222.3 248.7 300.5 338.8 468.7 527.4 615.3 687.5 764.2 854.7 934.4 1,206.9 1,206.9 | 76.5 87.3 211.2 275.1 299.1 390.7 285.0 75.0 830.4 356.9 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 | 81.0 168.2 379.4 654.5 953.5 1,344.2 1,629.3 1,704.2 2,534.6 2,891.5 3,359.1 4,029.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,5524.8 7,529.7 9,387.9 | 73.6 82.5 202.9 259.8 283.1 363.0 263.9 67.0 781.2 323.4 438.4 652.3 585.3 585.3 595.1 565.3 320.6 412.3 430.9 246.8 | 77.7 160.2 363.2 623.0 906.1 1,269.1 1,533.0 2,381.2 2,704.6 3,243.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Jun-09 65.3 27 31-09 65.3 27 31-09 35.0 31 31-09 69.5 43 35-09 69.5 43 36 37 37 37 37 37 37 3 | 275.7 21.8 275.7 21.8 2810.7 12.6 285.0 18.8 285.6 7.8 285.6 7.8 285.6 7.8 285.7 6.2 285.7 285.0 285.7 38.2 28 | 94.3 106.9 125.7 148.2 156.1 216.1 222.3 248.7 300.6 338.8 468.7 527.4 615.3 687.5 764.2 854.7 934.4 971.4 1,206.9 1,418.0 | 87.3 211.2 275.1 299.1 390.7 285.0 75.0 830.4 356.9 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 | 168.2 379.4 654.5 953.5 1,344.2 1,629.3 1,704.2 2,534.6 2,891.5 3,359.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,522.8 7,529.7 | 82.5 202.9 259.8 283.1 363.0 263.9 67.0 781.2 323.4 438.4 652.3 585.3 695.1 565.3 520.6 412.3 430.9 246.8 | 160.2 363.2 623.0 906.1 1,269.1 1,533.0 2,381.2 2,704.6 3,243.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Jul-09 . <td>310.7 12.6 310.7 12.6 310.7 18.8 313.5 22.6 313.5 22.6 313.7 6.2 313.2 26.5 313.7 28.0 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 317.7 38</td> <td>106.9 125.7 148.2 156.1 216.1 222.3 248.7 276.7 308.8 468.7 527.4 615.3 687.5 764.2 854.7 931.4 1,206.9 1,206.9</td> <td>211.2 275.1 299.1 390.7 285.0 75.0 830.4 356.9 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0</td> <td>379.4 654.5 953.5 1,344.2 1,629.3 1,704.2 2,534.6 2,891.5 3,359.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7</td> <td>202.9 259.8 283.1 363.0 263.9 67.0 781.2 323.4 438.4 652.3 585.3 595.1 565.3 520.6 412.3 430.9 246.8</td> <td>363.2 623.0 906.1 1,269.1 1,533.0 1,600.0 2,381.2 2,704.6 3,743.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6</td> | 310.7 12.6 310.7 12.6 310.7 18.8 313.5 22.6 313.5 22.6 313.7 6.2 313.2 26.5 313.7 28.0 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 319.9 317.7 38.2 317.7 38 | 106.9 125.7 148.2 156.1 216.1 222.3 248.7 276.7 308.8 468.7 527.4 615.3 687.5 764.2 854.7 931.4 1,206.9 1,206.9 | 211.2 275.1 299.1 390.7 285.0 75.0 830.4 356.9 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 | 379.4 654.5 953.5 1,344.2 1,629.3 1,704.2 2,534.6 2,891.5 3,359.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 | 202.9 259.8 283.1 363.0 263.9 67.0 781.2 323.4 438.4 652.3 585.3 595.1 565.3 520.6 412.3 430.9 246.8 | 363.2 623.0 906.1 1,269.1 1,533.0 1,600.0 2,381.2 2,704.6 3,743.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Aug-09 53,2 38 Sep-09 69,5 43 Oct-09 125,3 125,3 19,3 19,3 20,1 45 Nov-09 422,2 547,5 65,1 84,4 125,3 57 Dec-09 f. 30,6 578,1 4,6 89,0 78,8 65 Jan-10 259,8 838,0 40,1 129,1 73,6 73 Feb-10 292,3 1,130,3 45,1 174,2 82,4 81 Mar-10 271,9 1,402,2 42,0 216,2 73,6 38 Apr-10 314,6 1,716,8 47,8 264,0 112,4 99 May-10 242,2 1,959,0 37,4 301,4 369,4 1,36 Jul-10 362,8 2,321,9 56,0 357,4 166,3 1,53 Jul-10 405,5 2,727,4 62,6 419,9 252,4 1,78 Aug-10 405,5 3,586,6 | 18.8 183.5 183.5 183.5 183.5 183.5 183.6 183.6 183.6 183.7 183.7 187.3 187.4 187.5 187.6 1 | 125.7 148.2 156.1 216.1 222.3 248.7 276.7 300.6 338.8 468.7 527.4 615.3 687.5 764.2 854.7 934.4 1,206.9 1,320.9 | 275.1 299.1 390.7 285.0 75.0 830.4 356.9 467.6 670.0 589.8 699.2 571.8 520.3 418.1 445.6 256.9 5.0 1.858.2 184.2 | 654.5 953.5 1,344.2 1,629.3 1,704.2 2,534.6 2,891.5 3,359.1 4,029.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 | 259.8 283.1 363.0 263.9 67.0 781.2 323.4 438.4 652.3 585.3 585.3 585.3 430.9 246.8 4.5 | 623.0 906.1 1,269.1 1,533.0 1,600.0 2,381.2 2,704.6 3,143.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Oct-09 125.3 125.3 19.3 19.3 20.1 45 Nov-09 422.2 547.5 65.1 84.4 125.3 57 Dec-09 ! 30.6 578.1 4.6 89.0 78.8 65 Jan-10 259.8 838.0 40.1 129.1 73.6 78.8 65 Feb-10 292.3 1,130.3 45.1 174.2 82.4 83 Mar-10 271.9 1,402.2 42.0 216.2 73.6 88 Apr-10 314.6 1,716.8 47.8 264.0 112.4 99 May-10 242.2 1,959.0 37.4 301.4 369.4 1,36 Juh-10 362.8 2,321.9 56.0 357.4 166.3 1,53 Juh-10 405.5 2,727.4 62.6 419.9 252.4 1,78 Aug-10 405.5 3,132.9 62.7 482.7 206.6 1,99 Sep-10 455.6 | 153.6 7.8 157.8 60.0 157.7 6.2 131.2 26.5 131.2 26.5 131.2 26.5 131.7 28.0 187.3 23.9 199.7 38.2 169.1 129.9 135.4 58.8 187.8 87.9 187.8 76.7 181.2 90.5 10.4 79.7 116.9 37.0 190.1 235.5 111.0 114.0 197.2 97.1 129.0 50.0 127.0 151.0 | 156.1 216.1 222.3 248.7 276.7 300.6 338.8 468.7 527.4 615.3 687.5 764.2 854.7 931.4 971.4 1,206.9 1,220.9 | 390.7 285.0 75.0 830.4 356.9 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 1.858.2 184.2 | 1,344.2 1,629.3 1,704.2 2,534.6 2,891.5 3,359.1 4,029.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 9,387.9 | 363.0 263.9 67.0 781.2 323.4 438.4 652.3 585.3 695.1 565.3 520.6 412.3 430.9 246.8 | 1,269.1 1,533.0 1,600.0 2,381.2 2,704.6 3,243.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Nov-09 422.2 547.5 65.1 84.4 125.3 57 Dec-09 ! 30.6 578.1 4.6 89.0 78.8 65 Jan-10 259.8 838.0 40.1 129.1 73.6 73 Feb-10 292.3 1,130.3 45.1 174.2 82.4 82.4 Mar-10 271.9 1,402.2 42.0 216.2 73.6 86 Apr-10 314.6 1,716.8 47.8 264.0 112.4 99 May-10 242.2 1,959.0 97.4 301.4 369.4 1,36 Juh-10 362.8 2,321.9 56.0 357.4 166.3 1,53 Juh-10 405.5 2,727.4 62.6 419.9 252.4 1,78 Aug-10 405.5 3,132.9 62.7 482.7 206.6 1,99 Sep-10 455.6 3,588.6 70.6 553.3 221.0 2,21 Oct-10 427.8 4,016.4 | 678.9 60.0 157.7 6.2 731.2 26.5 731.2 28.0 187.3 28.0 189.7 38.2 169.1 129.9 135.4 58.8 187.8 87.9 194.4 72.2 115.4 76.7 181.2 90.5 110.4 79.7 116.9 37.0 190.1 235.5 111.0 114.0 197.2 97.1 1229.0 50.0 127.0 151.0 | 216.1 222.3 248.7 276.7 300.5 338.8 468.7 527.4 615.3 687.5 764.2 854.7 934.4 1,206.9 1,220.9 1,418.0 | 285.0 75.0 830.4 356.9 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 1.858.2 184.2 | 1,629.3 1,704.2 2,534.6 2,891.5 3,359.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,529.7 9,387.9 | 263.9 67.0 781.2 323.4 438.4 652.3 585.3 595.1 565.3 520.6 412.3 430.9 246.8 | 1,533.0 1,600.0 2,381.2 2,704.6 3,243.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Dec-09 30.6 578.1 4.6 89.0 78.8 65 Jan-10 259.8 838.0 40.1 129.1 73.6 73 Feb-10 292.3 1,130.3 45.1 174.2 82.4 81 Mar-10 271.9 1,402.2 42.0 216.2 73.6 88 Apr-10 314.6 1,716.8 47.8 264.0 112.4 99 May-10 242.2 1,959.0 97.4 301.4 369.4 1,36 Jun-10 362.8 2,321.9 56.0 357.4 166.3 1,53 Jul-10 405.5 2,727.4 62.6 419.9 252.4 1,78 Aug-10 405.5 3,132.9 62.7 482.7 206.6 1,99 Sep-10 455.6 3,588.6 70.6 553.3 221.0 2,21 Oct-10 427.8 4,016.4 66.0 619.3 265.8 2,48 Nov-10 461.2 4,477.6 71.2 690.5 229.2 2,71 Dec-10 383.3 4,860.9 59.1 749.6 106.5 2,81 Jan-11 299.7 5,160.6 46.25 795.8 673.3 3,49 Feb-11 401.8 5,562.4 62.01 857.9 320.9 3,81 | 157.7 6.2 157.7 6.2 151.2 26.5 151.7 28.0 169.7 38.2 169.1 129.9 155.4 58.8 187.8 87.9 169.4 72.2 155.4 76.7 181.2 90.5 10.4 79.7 16.9 37.0 190.1 235.5 111.0 114.0 197.2 97.1 1229.0 50.0 | 222.3 248.7 276.7 300.6 338.8 468.7 527.4 615.3 687.5 764.2 854.7 934.4 971.4 1,206.9 1,220.9 | 75.0 830.4 356.9 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 1.858.2 184.2 | 1,704.2 2,534.6 2,891.5 3,359.1 4,029.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 | 67.0 781.2 323.4 438.4 652.3 585.3 695.1 565.3 520.6 412.3 430.9 246.8 | 1,600.0 2,381.2 2,704.6 3,243.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Jan-10 259.8 838.0 40.1 129.1 73.6 73 Feb-10 292.3 1,130.3 45.1 174.2 82.4 81 Mar-10 271.9 1,402.2 42.0 226.2 73.6 86 Apr-10 314.6 1,716.8 47.8 264.0 112.4 99 May-10 242.2 1,959.0 97.4 301.4 369.4 1,36 Jul-10 362.8 2,321.9 56.0 357.4 166.3 1,53 Jul-10 405.5 2,727.4 62.6 419.9 252.4 1,78 Aug-10 405.5 3,132.9 62.7 482.7 206.6 1,99 Sep-10 455.6 3,588.6 70.6 553.3 221.0 2,21 Oct-10 427.8 4,016.4 66.0 66.0 66.0 66.0 66.0 66.0 66.0 66.0 66.0 66.0 66.0 66.0 66.0 66.0 66.0 66.0< | 31.2 26.5 113.7 28.0 113.7 28.0 187.3 23.9 189.7 38.2 169.1 129.9 135.4 58.8 187.8 87.9 194.4 72.2 115.4 76.7 181.2 90.5 110.4 79.7 116.9 37.0 110.0 114.0 114.0 50.0 127.0 151.0 | 248.7 276.7 300.5 338.8 468.7 527.4 615.3 687.5 764.2 854.7 934.4 1,206.9 1,418.0 | 830.4 356.9 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 1.858.2 184.2 | 2,534.6 2,891.5 3,359.1 4,029.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 | 781.2 323.4 438.4 652.3 585.3 695.1 565.3 520.6 412.3 430.9 246.8 | 2,381.2 2,704.6 3,143.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Feb-10 292.3 1,130.3 45.1 174.2 82.4 81 Mar-10 271.9 1,402.2 42.0 216.2 73.6 88 Apr-10 314.6 1,716.8 47.8 264.0 112.4 99 May-10 242.2 1,959.0 37.4 301.4 369.4 1,36 Jun-10 362.8 2,321.9 56.0 357.4 166.3 1,53 Jul-10 405.5 2,727.4 62.6 419.9 252.4 1,78 Aug-10 405.5 3,132.9 62.7 482.7 206.6 1,99 Sep-10 455.6 3,588.6 70.6 553.3 221.0 2,21 Oct-10 427.8 4,016.4 66.0 619.3 265.8 2,48 Nov-10 461.2 4,477.6 71.2 690.5 229.2 2,71 Dec-10 383.3 4,860.9 59.1 749.6 106.5 2,81 Jan-11 299.7 | 113.7 28.0 187.3 23.9 199.7 38.2 169.1 129.9 135.4 58.8 187.8 87.9 194.4 72.2 115.4 76.7 116.9 37.0 190.1 235.5 111.0 114.0 197.2 97.1 129.0 50.0 127.0 151.0 | 276.7 300.6 338.8 468.7 527.4 615.3 687.5 764.2 854.7 934.4 971.4 1,206.9 1,418.0 | 356.9 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 1.858.2 184.2 | 2,891.5 3,359.1 4,029.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 | 323.4 438.4 652.3 585.3 695.1 565.3 520.6 412.3 430.9 246.8 | 2,704.6 3,243.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Mar-10 271.9 1,402.2 42.0 216.2 73.6 88 Apr-10 314.6 1,716.8 47.8 264.0 112.4 99 May-10 242.2 1,959.0 37.4 301.4 369.4 1,36 Jun-10 362.8 2,321.9 56.0 357.4 166.3 1,53 Jul-10 405.5 2,727.4 62.6 419.9 252.4 1,78 Aug-10 405.5 3,132.9 62.7 482.7 206.6 1,99 Sep-10 455.6 3,588.6 70.6 553.3 221.0 2,21 Oct-10 427.8 4,016.4 66.0 619.3 265.8 2,44 Nov-10 461.2 4,477.6 71.2 690.5 229.2 2,71 Dec-10 383.3 4,860.9 59.1 749.6 106.5 2,81 Jan-11 299.7 5,160.6 46.25 795.8 673.3 3,49 Feb-11 401.8 | 87.3 23.9 199.7 38.2 169.1 129.9 135.4 58.8 187.9 194.4 72.2 115.4 76.7 181.2 90.5 110.4 79.7 116.9 37.0 190.1 235.5 111.0 111.0 197.2 97.1 129.0 50.0 | 300.6 338.8 468.7 527.4 615.3 687.5 764.2 854.7 934.4 1,206.9 1,418.0 | 467.6 670.0 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 1,858.2 184.2 | 3,359.1 4,029.1 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 9,387.9 | 438,4 652,3 585,3 695,1 565,3 520,6 412,3 430,9 246,8 | 3,143.0 3,795.3 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| May-10 242.2 1,959.0 37.4 301.4 369.4 1,36 Jun-10 362.8 2,321.9 56.0 357.4 166.3 1,53 Jul-10 405.5 2,727.4 62.6 419.9 252.4 1,78 Aug-10 405.5 3,132.9 62.7 482.7 206.6 1,99 Sep-10 455.6 3,588.6 70.6 553.3 221.0 2,21 Oct-10 427.8 4,016.4 66.0 619.3 265.8 2,48 Nov-10 461.2 4,477.6 71.2 690.5 229.2 2,71 Dec-10 383.3 4,860.9 59.1 749.6 106.5 2,81 Jan-11 299.7 5,160.6 46.25 795.8 673.3 3,49 feb-11 401.8 5,562.4 62.01 857.9 320.9 3,81 | 169.1 129.9 135.4 58.8 187.8 87.9 194.4 72.2 115.4 76.7 181.2 90.5 110.4 79.7 116.9 37.0 190.1 235.5 111.0 111.0 197.2 97.1 129.0 50.0 127.0 1251.0 | 468.7 527.4 615.3 687.5 764.2 854.7 934.4 971.4 1,206.9 1,418.0 | 589.8 693.2 571.8 520.3 418.1 445.6 256.9 5.0 1,858.2 184.2 | 4,619.0 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 | 585,3 695,1 565,3 520,6 412,3 430,9 246,8 | 4,380.6 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Jun-10 362.8 2,321.9 56.0 357.4 166.3 1,53 Jul-10 405.5 2,727.4 62.6 419.9 252.4 1,78 Aug-10 405.5 3,132.9 62.7 482.7 206.6 1,99 Sep-10 455.6 3,588.6 70.6 553.3 221.0 2,21 Oct-10 427.8 4,016.4 66.0 619.3 265.8 2,48 Nov-10 461.2 4,477.6 71.2 690.5 229.2 2,71 Dec-10 383.3 4,860.9 59.1 749.6 106.5 2,81 Jan-11 299.7 5,160.6 46.25 795.8 673.3 3,49 Feb-11 401.8 5,562.4 62.01 857.9 320.9 3,81 | 535.4 58.8 67.9 194.4 72.2 195.4 76.7 181.2 90.5 190.4 79.7 190.1 235.5 111.0 114.0 197.2 97.1 1229.0 50.0 127.0 151.0 | 527.4 615.3 687.5 764.2 854.7 934.4 971.4 1,206.9 1,320.9 1,418.0 | 693.2 571.8 520.3 418.1 445.6 256.9 5.0 1,858.2 184.2 | 5,312.2 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 9,387.9 | 69\$.1 56\$.3 520.6 412.3 430.9 246.8 | 5,075.7 5,640.9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Jul-10 405.5 2,727.4 62.6 419.9 252.4 1,78 Aug-10 405.5 3,132.9 62.7 482.7 206.6 1,99 Sep-10 455.6 3,588.6 70.6 553.3 221.0 2,21 Oct-10 427.8 4,016.4 66.0 619.3 265.8 2,48 Nov-10 461.2 4,477.6 71.2 690.5 229.2 2,71 Dec-10 383.3 4,860.9 59.1 749.6 106.5 2,81 Jan-11 299.7 5,160.6 46.25 795.8 673.3 3,49 Feb-11 401.8 5,562.4 62.01 857.9 320.9 3,81 | 787.8 87.9 194.4 72.2 115.4 76.7 181.2 90.5 110.4 79.7 116.9 37.0 190.1 235.5 111.0 114.0 1997.2 97.1 129.0 50.0 127.0 151.0 | 615.3 687.5 764.2 854.7 934.4 971.4 1,206.9 1,320.9 1,418.0 | 571.8 520.3 416.1 445.6 256.9 5.0 1,858.2 184.2 | 5,883.9 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 9,387.9 | 565.3 520.6 412.3 430.9 246.8 | 5,640,9 6,161.5 6,573.9 7,004.7 7,251.6 |
| Aug-10 405.5 3,132.9 62.7 482.7 206.6 1,99 Sep-10 455.6 3,588.6 70.6 553.3 221.0 2,21 Oct-10 427.8 4,016.4 66.0 619.3 265.8 2,48 Nov-10 461.2 4,477.6 71.2 690.5 229.2 2,71 Dec-10 383.3 4,860.9 59.1 749.6 106.5 2,81 Jan-11 299.7 5,160.6 46.25 795.8 673.3 3,49 Feb-11 401.8 5,562.4 62.01 857.9 320.9 3,81 | 994.4 72.2 115.4 76.7 181.2 90.5 10.4 79.7 116.9 37.0 1990.1 235.5 111.0 114.0 197.2 97.1 129.0 50.0 127.0 151.0 | 687.5 764.2 854.7 934.4 971.4 1,206.9 1,320.9 | 520.3 418.1 445.6 256.9 5.0 1,858.2 184.2 | 6,404.2 6,822.4 7,267.9 7,524.8 7,529.7 9,387.9 | 520.6 412.3 430.9 246.8 4.5 | 6,161.5 6,573.9 7,004.7 7,251.6 |
| Sep-10 455.6 3,588.6 70.6 553.3 221.0 2,21 Oct-10 427.8 4,016.4 66.0 619.3 265.8 2,48 Nov-10 461.2 4,477.6 71.2 690.5 229.2 2,71 Dec-10 383.3 4,860.9 59.1 749.6 106.5 2,81 Jan-11 299.7 5,160.6 46.25 795.8 673.3 3,49 Feb-11 401.8 5,562.4 62.01 857.9 320.9 3,81 | 115.4 76.7 181.2 90.5 10.4 79.7 116.9 37.0 190.1 235.5 111.0 114.0 197.2 97.1 129.0 50.0 127.0 151.0 | 764.2 854.7 934.4 971.4 1,206.9 1,320.9 1,418.0 | 418.1 445.6 256.9 5.0 1,858.2 184.2 | 5,822.4 7,267.9 7,524.8 7,529.7 9,387.9 | 412,3 430,9 246,8 4,5 | 6,573.9 7,004.7 7,251.6 |
| Oct-10 427.8 4,016.4 66.0 619.3 265.8 2,48 Nov-10 461.2 4,477.6 71.2 690.5 229.2 2,71 Dec-10 383.3 4,860.9 59.1 749.6 106.5 2,81 Jan-11 299.7 5,160.6 46.25 795.8 673.3 3,49 Feb-11 401.8 5,562.4 62.01 857.9 320.9 3,81 | 81.2 90.5 90.4 79.7 90.1 235.5 90.1 235.5 91.0 114.0 97.2 97.1 92.0 50.0 927.0 151.0 | 854.7 934.4 971.4 1,206.9 1,320.9 1,418.0 | 445.6 256.9 5.0 1,858.2 184.2 | 7,267.9 7,524.8 7,529.7 9,387.9 | 430.9 246.8 4.5 | 7,004.7 7,251.6 |
| Nov-10 461.2 4,477.6 71.2 690.5 229.2 2,71 De-10 383.3 4,860.9 59.1 749.6 106.5 2,81 Jan-11 299.7 5,160.6 46.25 795.8 673.3 3,49 Feb-11 401.8 5,562.4 62.01 857.9 320.9 3,81 | 79.7 116.9 190.1 190.1 114.0 197.2 197.2 197.1 129.0 151.0 | 934.4 971.4 1,206.9 1,320.9 1,418.0 | 256.9 5.0 1,858.2 184.2 | 7,524.8 7,529.7 9,387.9 | 246.8 4.5 | 7,251.6 |
| Dec-10 383.3 4,860.9 59.1 749.6 106.5 2,81 Jan-11 299.7 5,160.6 46.25 795.8 673.3 3,49 Feb-11 401.8 5,562.4 62.01 857.9 320.9 3,81 | 116.9 37.0 190.1 235.5 111.0 114.0 197.2 97.1 129.0 50.0 127.0 151.0 | 1,206.9 1,320.9 1,418.0 | 5.0 1,858.2 184.2 | 7,529.7 9,387.9 | | |
| Feb-11 401.8 5,562.4 62.01 857.9 320.9 3,81 | 811.0 114.0 197.2 97.1 129.0 50.0 127.0 151.0 | 1,320.9 1,418.0 | 184.2 | | 1.785.4 | |
| · · · · · · · · · · · · · · · · · · · | 97.2 97.1 29.0 50.0 527.0 151.0 | 1,418.0 | J | 9,572.2 | | 9,041.4 |
| | 29.0 50.0 i27.0 151.0 | • | 63.7 | | 172.1 | 9,213.5 |
| | 27.0 151.0 | 1,400.0 | | 9,635.8 | 62.8 170.1 | 9,276.4 |
| | | 1,619.0 | 186.0 319.2 | 9,821.8 20,141.0 | 179.1 298.6 | 9,455.5 9,754.1 |
| Jun-11 367.5 7,047.2 55.4 1,083.3 172.4 4,79 | 99.4 65.4 | - | 729.1 | 10,870.2 | 684,0 | 10,438.1 |
| Jul-11 334.1 7,381.3 50.4 1,133.7 291.5 5,09 | | | 453.7 | 11,323.9 | 397.5 | 10,835.6 |
| Aug-11 384.2 7,765.5 58.0 1,191.7 228.2 5,31 | 119.1 86.6 | | 563.6 | 11,887.5 | 493.1 | 11,328.7 |
| Sep-11 350.8 8,116.3 52.9 1,244.6 245.9 5,56 | | 1,974.9 | 529.0 | 12,416.5 | 423.8 | 11,752.6 |
| Oct-11 350.8 8,467.1 52.9 1,297.5 306.7 5,87 | | · · | 454.0 | 12,870.6 | 347.0 | 12,099.6 |
| Nov-11 334.1 8,801.2 50.4 1,347.9 253.5 6,12 Dec-11 317.4 9,118.5 47.9 1,395.8 116.6 6,24 | 25.2 96.2 41,9 44.2 | | 407.0 233.3 | 13,277.6 13,510.9 | 295.1 161.1 | 12,394.7 12,555.8 |
| | 05.9 62.2 | | 962.0 | 14,472.9 | 855.8 | 13,411.6 |
| Feb-12 334.1 9,785.7 50.4 1,496.6 207.8 6,61 | | | 1,155.1 | 15,627.9 | 1,017.9 | 14,429,5 |
| Mar-12 384.2 10,170.9 \$8.0 1,554.6 185.9 6,79 | 99.7 70.5 | 2,443.3 | 505.8 | 16,133.7 | 396.9 | 14,826.3 |
| Apr-12 334.1 10,505.0 50.4 1,605.0 284.4 7,08 | | - | 294,4 | 16,428.1 | 197.4 | 15,023.7 |
| May-12 350.8 10,855.7 \$2.9 1,657.9 858.6 7,94 | | - | 395.5 | 16,823.6 | 285.4 | 15,309.1 |
| Jun-12 367.5 11,223.2 55.4 1,713.3 371.9 8,31 Jul-12 334.1 11,557.3 50.4 1,763.7 628.9 8,94 | | - | 853.4 | 17,677.0 | 762.2 | 16,071.3 |
| Jul-12 334.1 11,557.3 50.4 1,763.7 628.9 8,94 Aug-12 384.2 11,941.5 58.0 1,821.7 492.2 9,43 | | 3,443.5 | 533.4 620.3 | 18,210.4 18,830.7 | 442.2 537,7 | 16,513.5 17,051.1 |
| Sep-12 350.8 12,292.3 52.9 1,874.6 530.5 9,96 | | 3,644.8 | 541.5 | 19,372.2 | 455.1 | 17,506.2 |
| Oct-12 350.8 12,643.1 52.9 1,927.5 661.7 10,62 | | 3,895.8 | 462.0 | 19,834.2 | 373.0 | 17,879.2 |
| Nov-12 334.1 12,977.2 50.4 1,977.9 546.9 11,17 | 74.9 207.5 | 4,103.9 | 416.3 | 20,250.6 | 320,8 | 18,200.0 |
| Dec-12 317.4 13,294.5 47.9 2,025.8 251.6 11,42 | | 4,198.8 | 269.0 | 20,519.5 | 182.0 | 18,382.0 |
| Jan-13 334.1 13,628.6 50.4 2,076.2 245.2 11,67 | | - | 1,058.1 | 21,577.7 | 941,4 | 19,323.4 |
| Feb-13 334.1 13,962.7 50.4 2,126.6 310.5 11,98 Mar-13 384.2 14,346.9 58.0 2,184.6 277.9 12,26 | | 4,409.6 4,515.1 | 1,270.6 556.4 | 22,848.3 23,404.7 | 1,119.7 436.6 | 20,443.0 20,879.6 |
| Apr-13 334.1 14,681.0 50.4 2,235.0 425.0 12,68 | | = | 323.8 | 23,728.5 | 436.6 217.1 | 21,096.7 |
| May-13 350.8 15,031.7 52.9 2,287.9 1,283.0 13,96 | | | 435.1 | 24,163.5 | 313,9 | 21,410.6 |
| Jun-13 367.5 15,399.2 55.4 2,343.3 555.7 14,52 | | | 938.7 | 25.102.2 | 838.4 | 22,249.0 |
| Jul-13 334.1 15,733.3 50.4 2,393.7 939.8 15,46 | | | 586.7 | 25,689.0 | 486.4 | 22,735.4 |
| Aug-13 384.2 16,117.5 58.0 2,451.7 735.5 16,19 | | | 682.4 | 26,371.3 | 591,4 | 23,326.9 |
| Sep-13 350.8 16,468.3 52.9 2,504.6 792.7 16,99 | | | 595.6 508.2 | 26,967.0 | 500.6 410.3 | 23,827.4 |
| Oct-13 350.8 16,819.1 52.9 2,557.5 988.8 17,98 Nov-13 334.1 17,153.2 50.4 2,607.9 817.2 18,79 | | | 508.2 458.0 | 27,475.2 27,933.2 | 410.3 352.8 | 24,237.7 24,590.6 |
| Dec-13 317.4 17,470.5 47.9 2,655.8 375.9 19,17 | | | 295.9 | 28,229.1 | 200.2 | 24,790.8 |
| Jan-14 334.1 17,804.6 50.4 2,706.2 288.9 19,46 | | | 1,164.0 | 29,393.0 | 1,035.5 | 25,826.3 |
| Feb-14 334.1 18,138.7 50.4 2,756.6 365.9 19,82 | | | 1,397.6 | 30,790.6 | 1,231.6 | 27,057.9 |
| Mar-14 384.2 18,522.9 58.0 2,814.6 327.4 20,15 | | | 612.0 | 31,402.7 | 480.2 | 27,538.1 |
| Apr-14 334.1 18,857.0 50.4 2,865.0 500.7 20,65 | | | 356.2 | 31,758.9 | 238.9 | 27,777.0 |
| May-14 350.8 19,207.7 52.9 2,917.9 1,511.8 22,16 Jun-14 367.5 19,575.2 55.4 2,973.3 654.8 22,82 | | | 478.6 | 32,237.4 32,237.0 | 345.3 922.2 | 28,122.3 ° 29,044.5 |
| Jun-14 367.5 19,575.2 55.4 2,973.3 654.8 22,82 Jul-14 334.1 19,909.3 50.4 3,023.7 1,107.4 23,93 | | | 1,032.6 645.4 | 33,270.0 33,915.4 | 527.2 535.0 | 29,579.6 |
| Aug-14 384.2 20,293.5 58.0 3,081.7 866.7 24,79 | | 9,271.9 | 750.6 | 34,666.0 | 650.6 | 30,230.1 |
| Sep-14 350.8 20,644.3 52.9 3,134.6 934.1 25,73 | | 9,626.3 | 655.2 | 35,321.2 | 550.6 | 30,780.8 |
| Oct-14 350.8 20,995.1 52.9 3,187.5 1,165.2 26,89 | | - | 559.0 | 35,880.3 | 451.3 | 31,232.1 |
| Nov-14 934.1 21,329.2 50.4 3,237.9 963.0 27,85 | | 10,433.7 | 503.8 | 36,384.0 | 388.1 | 31,620.2 |
| Dec-14 317.4 21,646.5 47.9 3,285.8 443.0 28,30 | 02.5 168.1 | 10,601.8 | 325.5 | 36,709.5 | 220.2 | 31,840.4 |
| | eg 3 | | 4 704 5 | 47510 | 1.500.5 | 1 400 0 |
| والمراكات والمراجع والمراع والمراجع والمراع والمراع والمراع والمراجع والمراجع والمراجع والمراجع والمراجع والمرا | 57.7 222.3 | 222.3 | 1,704.2 | 1,704.2 | 1,600.0 | 1,600.0 -,7,256.0 |
| 2010 7. 2.150.2 2.150. | 16.9 749.2 41.9 1,260.3 | 2,231.7 | 5,825.5- 5,981.2 | .7,529.7. 13,510.9 | 5,6\$6.0 5,299.8 | 12,555.8 |
| 2012 4,176.0 13,294.5 630.0 2,2025.8 5,5184.6 11,42 | | | 7,008.6 | 20,519.5 | 5,825.2 | |
| 2013 4,176.0 17,470.5 630.0 2,655.8 7,747.3 19,17 | | 7,138.2 | 7,709.5 | 28,229.1 | 6,408.8 | 24,790.8 |
| | | ¢ 10,601.8 | 8,480.5 | 36,709.5 | 7,049.7 | |

Energy Efficiency Program Impact Estimates at the Meter

| ı | | Res Lig | hting | | - | Appliance I | Recycling | | Resid | Jential Bench | marking Progr | |
|--|--------------------|---------------------------------------|-----------------------|----------------------|------------------------|----------------------|--------------------|--------------------|----------|----------------------|--------------------|---------------------|
| | MWH | Σ MWH | kW | ΣkW | MWH | Σ MWH | kW | ΣkW | MWH | ₹ MWH | kW | ΣkW |
| Jan-09 | | - | • | • | - | • | - | | | - | - | - |
| Feb-09 | - | - | - | • | • | - | - | • | | - | • | - |
| Mar-09 Apr-09 | 1 : | • | - | • | - | • | - | - | 1 - | • | • | - |
| May-09 | J : | | • | • |] | • | • | • | , | - | • | • |
| Jun-09 | 1 [| | - | • | 1 : | | • | • | 1 - | • | • | • |
| Jul-09 | 1 - | - | - | | 1 : | | • | • | 1 : | - | • | • |
| Aug-09 | | - | - | | ١. | | | | 1 : | - | - | - |
| Sep-09 | l - | | - | - | | | | | l . | | | |
| Oct-09 | l . | - | - | _ | | - | | - | i . | - | - | |
| Nov-09 | j - | - | - | - |] . | _ | | | J - | _ | • | _ |
| Dec-09 | | ~ : | | | | | | | | | | |
| Jan-10 | 363.0 | 363.0 | 18.6 | 18.6 | - | | | - | | | • | |
| Feb-10 | 4,364.4 | 4,727.4 | 429.3 | 447.9 | | - | | - | l • | - | • | |
| Mar-10 | 8,284.0 | 13,011.4 | 784.9 | 1,232.7 | 1 - | - | - | - | | - | • | • |
| Apr-10 | 10,485.9 | 23,497.3 | 995.9 | 2,228.6 | 80.3 | 80.3 | 9.4 | 9,4 | | - | • | - |
| May-10 | 1,116.6 | 24,614.0 | 113.9 | 2,342.5 | 400.6 | 480.9 | 46.6 | \$6.0 | | - | - | - |
| Jun-10 | 8,324.5 | 32,938.5 | 787.3 | 3,129.8 | 345.1 | 826.0 | 40.2 | 96.2 | | - | - | - |
| Jul-10 | 5,666.7 | 38,605.2 | 535.9 | 3,665.7 | 251.9 | 1,077.9 | 24.7 | 120,8 | - | • | - | - |
| Aug-10 | 15,399.9 | 54,005.1 | 1,451.7 | 5,117.4 | 438.2 | 1,516.1 | 55.4 | 176.2 | | - | | • |
| Sep-10 | 6,557.3 | 60,562.4 | 617.0 | 5,734.4 | 869.0 | 2,385.1 | 101.1 | 277.3 | - | - | • | - |
| Oct-10 | 8,394.1 | 68,956.5 | 794.2 | 6,528.6 | 668.0 | 3,053.1 | 77.8 | 355.1 | 1 - | - | • | - |
| Nov-10 | 5,033.4 | 74,989.9 | 571.5 | 7,100.1 | 513.3 | 3,566.4 | 59.7 | 414.8 | l | | | |
| Dec-10 | 1,562.1 | 76,552 <u>0</u> | 152.5 | 7,252.6 | 459.3 | 4,025.7 | 53.5 | 468.3 | | | · : | |
| Jan-11 | 7,294.2 | 83,846.2 | 686.0 | 7,938.6 | 225.3 | 4,251.0 | 25.9 | 494.2 | | • | • | - |
| Feb-11 | 4,172.2 | 88,018.3 | 395.0 | 8,333.6 | 268.0 | 4,519.0 | 31.1 | 525,3 | | • | • | - |
| Mar-11 | 6,324.8 | 94,343.1 | \$96.8 | 8,930.3 | 516.4 | 5,035.4 | 60.1 | 585.4 | • | - | • | - |
| Apr-11 | 6,937.3 | 101,280.4 | 657.2 | 9,587.5 | 773.9 | 5,809.3 | 168.8 | 754.2 | • | • | - | - |
| May-11 | 6,622.0 | 107,902.4 | 627.3 | 10,214.9 | 619.2 | 6,428.5 | 135.1 | 889,2 | l - | - | | • |
| Jun-11 | 6,306.6 | 114,209.0 | 597.5 | 10,812.3 | 464.4 | 6,892.9 | 101.3 | 990,5 | 14,400.0 | 14,400.0 | 2,585.0 | 2,585.0 |
| Jul-11 | 5,360.6 | 119,569.6 | 507.8 | 11,320.2 | 495.3 | 7,388.2 | 108.0 | 1,098.6 | | 14,400.0 | • | 2,585.0 |
| Aug-11 | 5,360.6 | 124,930.3 | 507.8 | 11,828.0 | 619.2 | 8,007.4 | 135.1 | 1,233.6 | - | 14,400.0 | • | 2,585.0 |
| 5ep-11 | 6,937.3 | 131,867.6 | 657.2 | 12,485.2 | 773.9 | 8,781.3 | 158.8 | 1,402.5 | - | 14,400.0 | • | 2,585.0 |
| Oct-11 | 6,937.3 | 138,804.8 | 657.2 | 13,142.4 | 619.2 | 9,400.5 | 135.1 | 1,537.5 | | 14,400.0 | • | 2,585.0 |
| Nov-11 | 6,306.6 | 145,111.5 | 597.5 | 13,739.9 | 464,4 | 9,864.9 | 101.3 | 1,638.8 | : | 14,400.0 | ` . | 2,585.0 |
| Dec-11: | 5,627.1 | 150,738.6 | 533.1 | 14,273.0 | 469.3 | 10,334.1 | 102.4 | 1,741.2 | | 14,400.0 | | 2,585.0 |
| Jan-12 | 6,564.6 | 157,303.2 | 621.9 | 14,894.9 | 281.3 | 10,615.5 | 61.4 | 1,802.5 | - | 14,400.0 | • | 2,585.0 |
| Feb-12 | 3,754.8 | 161,058.0 | 355.7 | 15,250.6 | 338.8 | 10,954.3 | 73.9 | 1,876.4 | - | 14,400.0 | • | 2,585.0 |
| Mar-12 | 5,959.8 | 167,017.8 | 564.6 501.5 | 15,815.2 | 759.3 | 11,713.5 | 165.6 | 2,042.1 | • | 14,400.0 | • | 2,585.0 |
| Apr-12 | 6,243.6 | 173,261.3 | 591.5 | 16,406.7 | 948.8 759.3 | 12,662.4 | 207.0 | 2,249.D | • | 14,400.0 | • | 2,585.0 |
| May-12 | 5,959.8 | 179,221.1 184,897.0 | 564.6 537.7 | 16,971.3 | 739.3 569.7 | 13,421.6 13,991.4 | 165.6 | 2,414.7 2,538.9 | 14,400.0 | 14,400.0 | 2,585.0 | 2,585.0 2,585.0 |
| Jun-12 Jษ!-12 | 5,676.0 | 189,721.6 | 457.1 | 17,509.0 17,966.0 | 507.0 | 14,598.4 | 124.3 | 2,534.9 | 14,400.0 | 14,400.0 14,400.0 | 2,365.0 | 2,585.0 2,585.0 |
| Aug-12 | 4,824.6 4,824.6 | 194,546.2 | 457.1 | 18,423.1 | 759.3 | 15,357.6 | 132.4 165.6 | 2,837.0 | i - | 14,400.0 | - | 2,585.0 |
| Sep-12 | 6,243.6 | 200,789.7 | 591.5 | 19,014.6 | 948.8 | 16,306.5 | 207.0 | 3,043.9 | | 14,400.0 | - | 2,585.0 |
| Oct-12 | 6,243.5 | 207,033.3 | 591.5 | 19,606.0 | 759.3 | 17,065.8 | 165.6 | 3,209.5 | | 14,400.0 | | 2,585.0 |
| Nov-12 | 5,676.0 | 212,709.3 | 537.7 | 20,143.8 | 569.7 | 17,635.5 | 124.3 | 3,333.8 | _ | 14,400.0 | _ | 2,585.0 |
| Dec-12 | 5,064.4 | 217,773.7 | 479.8 | 20,623.5 | 574.7 | 18,210.2 | 125.4 | 3,459.2 | | 14,400.0 | | 2,585.0 |
| Jan-13 | 5,251.7 | 223,025.4 | 497.5 | 21,121.1 | 334,7 | 18,544.9 | 73.0 | 3,532,2 | | 14,400.0 | | 2,585.0 |
| Feb-13 | 3,003.8 | 226,029.2 | 284.6 | 21,405.6 | 403,1 | 18,948.1 | 87.9 | 3,620.1 | _ | 14,400.0 | - | 2,585.0 |
| Mar-13 | 4,757.8 | 230,797.0 | 451.7 | 21,857.3 | 903,4 | 19,851.5 | 197.1 | 3,817.2 | _ | 14,400.0 | • | 2,585.0 |
| Apr-13 | 4,994.8 | 235,791.9 | 473.2 | 22,330.5 | 1,129.0 | 20,980.5 | 246.3 | 4,063,5 | - | 14,400.0 | | 2,585.0 |
| May-13 | 4,757.8 | 240,559.7 | 451.7 | 22,782.2 | 903.4 | 21,883.9 | 197.1 | 4,260.5 | | 14,400.0 | | 2,585.0 |
| Jun-13 | 4,540.8 | 245,100.4 | 430.2 | 23,212.3 | 677.9 | 22,561.8 | 147.9 | 4,408.4 | 11,520.0 | 11,520.0 | 2,068.0 | 2,068.0 |
| Jul-13 | 3,859.7 | 248,960.1 | 365.6 | 23,578.0 | 722,3 | 23,284.0 | 157.5 | 4,565.9 | - | 11,520.0 | | 2,068.0 |
| Aug-13 | 3,859.7 | 252,819.7 | 365.6 | 23,943.6 | 903,4 | 24,187.5 | 197.1 | 4,763.0 | - | 11,520.0 | - | 2,068.0 |
| Sep-13 | 4,994.8 | 257,814.6 | 473.2 | 24,416.8 | 1,129.0 | 25,316.4 | 246.3 | 5,009.3 | - | 11,520.0 | • | 2,068.0 |
| Oct-13 | 4,994.8 | 262,809.4 | 473.2 | 24,890.0 | 903,4 | 26,219.9 | 197.1 | 5,206.3 | - | 11,520.0 | - | 2,068.0 |
| Nov-13 | 4,540.8 | 267,350.2 | 430.2 | 25,320,2 | 677,9 | 26,897.7 | 147.9 | 5,354.2 | | 11,520.0 | | 2,068.0 |
| Dec-13 | 4,051.5 | 271,401.7 | 383.8 | 25,704.0 | 683,9 | 27,581.6 | 149.2 | 5,503.4 | | 11,520.0 | | 2,068.0 |
| Jen-14 | 4,201.3 | 275,603.1 | 398.0 | 26,102.0 | 391,0 | 27,972.6 | 85.3 | 5,588.7 | - | 11,520.0 | - | 2,068.0 |
| Feb-14 | 2,403.1 | 278,006.2 | 227.7 | 26,329.7 | 470.9 | 28,443.4 | 102.7 | 5,691.4 | - | 11,520.0 | • | 2,068.0 |
| Mar-14 | 3,814.2 | 281,820.4 | 361.3 | 26,691.0 | 1,055.2 | 29,498.7 | 230.2 | 5,921.5 | - | 11,520.0 | • | 2,068.0 |
| Apr-14 | 3,995.9 | 285,816.3 | 378.5 | 27,069.6 | 1,318.7 | 30,817.4 | 287.6 | 6,209.2 | - | 11,520.0 | • | 2,068.0 |
| May-14 | 3,814.2 | 289,630.5 | 361.3 | 27,430.9 | 1,055.2 | 31,872.6 | 230.2 | 6,439.4 | - | 11,520.0 | | 2,068.0 |
| lun-14 | 3,632.6 | 293,263.1 | 344.1 | 27,775.0 | 791,8 | 32,664.4 | 172.7 | 6,612.1 | 14,400.0 | 14,400.0 | 2,585.0 | 2,585.0 |
| Jul-14 | 3,087.7 | 296,350.9 | 292.5 | 28,067.5 | 843.6 | 33,508.0 | 184.0 | 6,796.1 | - | 14,400.0 | • | 2,585.0 |
| Aug-14 | 3,087.7 | 299,438.6 | 292.5 | 28,360.1 | 1,055.2 | 34,563.2 | 230.2 | 7,026.3 | | 14,400.0 | - | 2,585.0 |
| Sep-14 | 3,995.9 | 303,434.5 | 378.5 | 28,738.6 | 1,318.7 | 35,881.9 | 287.6 | 7,313.9 | - | 14,400.0 | • | 2,585.0 |
| | 3,995.9 | 307,430.3 | 378.5 | 29,117.2 | 1,055.2 | 36,937.1 | 230.2 | 7,544.1 | - | 14,400.0 | - | 2,585.0 |
| Oct-14 | | 311,063.0 | 344.1 | 29,461.3 | 791.8 | 37,728.9 | 172.7 | 7,716.8 | | 14,400.0 | | 2,585.0 |
| 1 | 3,632.6 | | | 29,768.4 | 798.8 | 38,527.7 | 174.2 | 7,891.1 | | 14,400.0 | | 2;585.0 |
| Nov-14 | 3,632.5 3,241.2 | 314,304.2 | 307.1 | | | | | | | | | |
| Nov-14 | | · | 307.1 | | | | | | | | | |
| Nov-14 Dec-14 | | · | 307.1 | - | | - | | | - | | | |
| Nov-14 Dec-14 | | 314,304.2 | 307.1 | 7,252.6 | 3- 4,025.7° | 4,025.7 | * 468.3 | 468.3 | 77 5 | | r | |
| Nov-14 Dec-14 | 3,241.2 | 314,304.2 | | | 3- 4,025;7° 6,308.4 | 4,025.7 10,334.1 | . 468.3 1,272.9 | 468.3 1,741.2 | 14,400.0 | 14,400.0 | 2,585.0 | 2,585.0 |
| Oct-14 Nov-14 Dec-14 2009 2010 | 3,241.2 | 314,304.2 ,, 76,552.0·/ | 7,252.6 ii 7,020.4 | 7,252.6 14,273.0 | | 10,334.1 | | | | 14,400.0 | 2,585.0 | 2,585.0 -2,585.0 |
| Nov-14 Dec-14 2009 2010 (2010) | 3,241.2 | 314,304.2 76,552.0·/, 150,738.6 | 7,252.6 ii 7,020.4 | 7,252.6 14,273.0 | 6,308.4 | 10,334.1 | 1,272.9 | 1,741.2 | 14,400.0 | 14,400.0 | 2,585.0 (517.0) | 2,585.0 |

Energy Efficiency Program Impact Estimates at the Meter

| | | Home Depot | CFL Program | _ | | EEBus | iness | | Total (| nergy Efficien | cy Program ' | Values |
|------------------|-------------|--------------------|--|-----------------------|--------------------|-------------------------------------|----------------------------|----------------------|-------------------------------|------------------------|--------------------|-------------------------------|
| | MWH | 2 MWH | kW | ΣkW | MWH | I MWH | kW | Σ kW | MWH | 2 MWH | kW | ΣkW |
| Jan-09 | - | 6,706.0 | - | 0.083 | | - | | • | 45.4 | 6,751.4 | 15.1 | 546.1 |
| Feb-09 | • | 6,706.0 | - | 630.0 | • | - | • | • | 16.1 | 6,767.5 | 5.6 | 651.7 |
| Mar-09 Apr-09 | • | 6,706.0 | - | 630.0 | 755.4 | 765.4 | 175 0 | .75 0 | 52.2 | 6,819.7 | 17.4 | 569.1 |
| May-09 | | 6,706.0 6,706.0 | - | 630.0 630.0 | 765.4 930.9 | 765.4 1,696.3 | 176.8 215.9 | 176.8 392.7 | 820.3 1,053.6 | 7,640.0 8,693.6 | 197.8 306.0 | 866.9 1,172.9 |
| Jun-09 | | 6,706.0 | - | 630.0 | 765.2 | 2,461.5 | 213. 3 244.3 | 637.0 | 917,8 | 9,611.4 | 348.6 | 1,172.5 |
| Jul-09 | | 6,706.0 | - | 630.0 | 2,335.8 | 4,797.4 | 487.5 | 1,124.4 | 2,582.0 | 12,193,4 | 703.0 | 2,224.5 |
| Aug-09 | | 6,706.0 | - | 630.0 | 1,384.5 | 6,181.8 | 392,7 | 1,517.1 | 1,712.8 | 13,906.2 | 671.3 | 2,895.8 |
| Sep-09 | | 6,706.0 | - | 630.0 | 2,518.4 | 8,700.2 | 437.4 | 1,954.6 | 2,887.0 | 16,793.2 | 743.1 | 3,638.8 |
| Oct-09 | - | 5,706.0 | - | 630.0 | 2,885.6 | 11,585.9 | 514.7 | 2,469.3 | 3,421.7 | 20,215.0 | 904.9 | 4,543.7 |
| Nov-09 | | 6,706.0 | | 630.0 | 1,762.2 | 13,348.1 | 397.8 | 2,867.1 | 2,594.8 | 22,809.8 | 786.8 | 5,330.5 |
| Dec-09 | | 6,706.0 | .5: ** | | 214.0 | | 49.2 | i 2,916.3 | . 398.4 | 23,208.2 | 127.0 | 5,457.5 |
| Jan-10 | • | 6,706.0 | - | 630.0 | 3,749.0 | 17,311.1 | 739.2 | 3,655.5 | 5,275.8 | 28,484.0 | 1,605.5 | 7,063.0 |
| Feb-10 Mar-10 | | 5,705.0 5,705.0 | - | 630.0 630.0 | 2,338.2 3,635.7 | 19,649.3 | 473.7 832.0 | 4,129.1 4,961.1 | 7,434.2 | 35,918.2 | 1,299.4 | 8,362.5 |
| Apr-10 | | 5,706.0 5,706.0 | - | 630.0 | 2,768.8 | 23,284.9 26,053.8 | 489.2 | 5,450.3 | 12,732.7 14,432.1 | 48,650.9 63,083.0 | 2,121.1 2,232.7 | 10,483.5 12,716.3 |
| May-10 | | 6,706.0 | _ | 630.0 | 2,715.7 | 28,769.5 | 697.7 | 5,147.9 | 5,434.4 | 68,517.5 | 1,610.7 | 14,327.0 |
| Jun-10 | | 5,706.0 | - | 630.0 | 1,448.3 | 30,217.8 | 372.8 | 6,520.8 | 11,340.2 | 79,857.7 | 2,010.2 | 16,337.2 |
| Jul-10 | - | 6,706.0 | - | 630.0 | 1,984.8 | 32,202.6 | 492.8 | 7,013.6 | 9,133.0 | 88,990.7 | 1,769.1 | 18,106.3 |
| Aug-10 | | 6,706.0 | - | 630.0 | 3,403.6 | 35,606.2 | 670.4 | 7,684.0 | 20,374.2 | 109,364.9 | 2,833.0 | 20,939.3 |
| Sep-10 | - | 6,706.0 | - | 630.0 | 1,418.2 | 37,024.3 | 234.8 | 7,918.8 | 9,939.3 | 119,304.2 | 1,512.6 | 22,451.9 |
| Oct-10 | - | 6,706.0 | • | 630.0 | 4,072.6 | 41,097.0 | 713.2 | 8,632.0 | 14,274.0 | 133,578.1 | 2,172.6 | 24,624.4 |
| Nov-10 | : | 6,706.0 | | 630.0 | 3,346.2 | 44,443.2 | 780.2 | 9,412.2 | 10,840.1 | 144,418.3 | 1,809.1 | 26,433.5 |
| Dec-10 | <u> </u> | 6,706.0 | <u>. </u> | 630.0 | 1,877.1 | 46,320.3 | 255.4 | 9,667.6 | 4,393.2 | 148,811.5 | 562.1 | 26,995.6 |
| Jan-11 Feb-11 | : | 6,706.0 6,706.0 | - | 630.0 630.0 | 3,069.0 4,689.5 | 49,389.3 54,078.8 | 749.0 1,108.8 | 10,416.6 11,525.5 | 13,419.7 10,036.6 | 162,231.2 172,267.8 | 3,528.0 1,883.0 | 30,523.6 32,406.6 |
| Mar-11 | | 6,706.0 6,706.0 | | 630.0 | 4,434.4 | 54,078.8 58,513.2 | 1,045.8 | 12,571.3 | 12,057.8 | 172,267.8 | 1,929.3 | 34,335.9 |
| Apr-11 | | 6,706.0 | - | 630.0 | 3,035.0 | 61,548.2 | 738.0 | 13,309.3 | 11,398.1 | 195,723.7 | 1,843.5 | 36,179.4 |
| May-11 | - | 6,706.0 | - | 630.0 | 3,219.0 | 64,767.2 | 782.0 | 14,091.3 | 11,528.1 | 207,251.8 | 2,047.0 | 38,226.4 |
| Jun-11 | • | 6,706.0 | - | 630.0 | 3,314.0 | 68,081.2 | 806.0 | 14,897.3 | 25,754.0 | 233,005.9 | 4,894.6 | 43,121.0 |
| Jul-11 | - | 6,706.0 | - | 630.0 | 3,412.0 | 71,493.2 | 829.0 | 15,726.3 | 10,347.2 | 243,353.1 | 2,003.4 | 45,124.4 |
| Aug-11 | - | 6,706.0 | - | 630.0 | 3,513.0 | 75,006.2 | 854.0 | 16,580.3 | 10,668.8 | 254,021.9 | 2,134.5 | 47,259.0 |
| Sep-11 | • | 6,706.0 | • | 630.0 | 3,617.0 | 78,623.2 | 879.0 | 17,459.3 | 12,453.9 | 256,475.8 | 2,275.1 | 49,534.0 |
| Oct-11 | • | 6,706.0 | • | 630.0 | 3,724.0 3,834.0 | 82,347.2 | 905.0 | 18,364.3 | 12,392.0 | 278,867.9 | 2,213.6 | 51,747.6 |
| Nov-11 Dec-11 | | 6,706.0 6,706.0 | | 630.0 | 3,625.0 | 86,181.2 89,806.2 | 932.0 879.0 | 19,296.3 | 11,599.6 10,388.7 | 290,467.5 300,856.2 | 2,072.5 1,767.6 | 53,820.1 55,587.7 |
| Jan-12 | | 6,706.0 | · ···· | 630.0 | 3,166.0 | 92,972.2 | 770.0 | 20,945.3 | 11,472.0 | 312,328.2 | 2,421.7 | 58,009.5 |
| Feb-12 | - | 6,706.0 | - | 630.0 | 3,259.0 | 96,231.2 | 793.0 | 21,738.3 | 9,049.6 | 321,377.8 | 2,369.7 | 60,379.2 |
| Mar-12 | - | 6,706.0 | - | 630.0 | 3,356.0 | 99,587,2 | 815.0 | 22,554.3 | 11,151.0 | 332,528.8 | 2,071.6 | 62,450.8 |
| Apr-12 | - | 6,706.0 | - | 630.0 | 3,455.0 | 103,042.2 | 840.0 | 23,394.3 | 11,560.2 | 344,089.0 | 1,994.2 | 64,444.9 |
| May-12 | - | 6,706.0 | - | 630.0 | 3,639.0 | 106,681.2 | 885.0 | 24,279.3 | 11,962.9 | 356,052.0 | 2,279.3 | 66,724.2 |
| Jun-12 Jul-12 | • | 6,706.0 6,706.0 | - | <i>630.0</i> 630.0 | 3,734.0 3,832.0 | 110,415.2 | 908.0 932.0 | 25,187.3 26,119.3 | 25,972.4 10,7 6 0.0 | 367,624.4 378,384.4 | 5,113.7 2,252.7 | 69,253.0 71, 50 5.6 |
| Aug-12 | _ | 6,706.0 6,706.0 | | 630.0 | 3,933.0 | 114,247.2 118,180.2 | 957.0 | 27,076.3 | 11,013.5 | 389,397.9 | 2,362.0 | 73,867.7 |
| Sep-12 | _ | 6,706.0 | _ | 630.0 | 4,037.0 | 122,217.2 | 982.0 | 28,058.3 | 12,652.2 | 402,050.1 | 2,489.7 | 76,357.4 |
| Oct-12 | | 6,706.0 | _ | 630.0 | 4,144.0 | 126,361.2 | 1,008.0 | 29,066.3 | 12,621.4 | 414,671.5 | 2,442.1 | 78,799.5 |
| Nov-12 | - | 6,706.0 | - | 630.0 | 4,254.0 | 130,615.2 | 1,035.0 | 30,101.3 | 11,797.0 | 426,468.5 | 2,275.6 | 81,075.1 |
| Dec-12 | · · · · - | 6,706.0 | | 630.0 | 4,368.0 | 134,983,2 | 1,063.0 | 31,164.3 | 10,845.1 | 437,313.6 | 1,993.5 | 83,068.6 |
| Jan-13 | · | 5,706.0 | • | 630.0 | 3,586.0 | 138,569.2 | 872.0 | 32,036.3 | 10,809.8 | 448,123.4 | 2,527.3 | 85,595.9 |
| Feb-13 | - | 6,706.0 | - | 630.0 | 3,679.0 | 142,248.2 | 895.0 | 32,931.3 | 9,001.2 | 457,124.6 | 2,555.4 | 88,151.3 |
| Mar-13 Apr-13 | • | 6,706.0 | • | 630.0 | 3,775.0 | 146,024.2 | 919.0 | 33,850.3 | 10,565.7 | 467,790.2 | 2,167.7 | 90,319.0 92,410.2 |
| Apr-13 May-13 | - | 6,706.0 6,706.0 | - | 630.0 630.0 | 3,875.0 4,059.0 | 149,8 99 .2 153,958.2 | 943.0 987.0 | 34,793.3 35,780.3 | 11,081.7 11,799.1 | 478,871.9 490,671.0 | 2,091.2 2,489.4 | 92,410.2 |
| Jun-13 | _ | 6,706.0 | - | 630.0 | 4,154.0 | 158,112.2 | 1,011.0 | 36,791.3 | 22,754.5 | 499,025.6 | 4,761.7 | 97,076.3 |
| Jul-13 | _ | 6,706.0 | | 630.0 | 4,252.0 | 162,364.2 | 1,034.0 | 37,825.3 | 10,694.5 | 509,720.1 | 2,450.6 | 99,526.9 |
| Aug-13 | - | 6,706.0 | • | 630.0 | 4,353.0 | 166,717.2 | 1,059.0 | 38,884.3 | 10,918.1 | 520,638.2 | 2,550.1 | 102,077.0 |
| Sep-13 | - | 6,706.0 | • | 630.0 | 4,457.0 | 171,174.2 | 1,084.0 | 39,968.3 | 12,320.0 | 532,958.2 | 2,657.7 | 104,734.8 |
| Oct-13 | - | 6,706.0 | • | 630.0 | 4,564.0 | 175,738.2 | 1,110.0 | 41,078.3 | 12,310.1 | 545,268.3 | 2,618.7 | 107,353.4 |
| Nov-13 | | 6,706.0 | 4. 44 m | 630.0 | 4,674.0 | 180,412.2 | 1,137.0 | 42,215.3 | 11,501.9 | 556,770.2 | 2,428.3 | 109,781.7 |
| Dec-13 | | 6,705.0 | · · · · | 630.0 | 4,788.0 | 185,200.2 | 1,165.0 | 43,380.3 | 10,512.6 10,079.3 | 567,282:8 | 2,088.7 2,579.1 | 111,870.4 114,449.5 |
| Jan-14 Feb-14 | | 6,706.0 6,706.0 | : | 630.0 630.0 | 3,700.0 3,900.0 | 188,900.2 192,800.2 | 900.3 948.9 | 44,280.5 45.229.5 | 10,079.3 8,871.6 | 577,362.1 586,233.6 | 2,579.1 2,700.2 | 114,449.5 |
| Mar-14 | - | 6,706.0 6,706.0 | | 630.0 | 4,000.0 | 196,800.2 | 973.3 | 45,229.3 | 10,193.1 | 596,426.7 | 2,227.2 | 119,376.9 |
| Apr-14 | | 6,706.0 | - | 630.0 | 4,100.0 | 200,900.2 | 997.6 | 47,200.3 | 10,605.6 | 607,032.3 | 2,143.0 | 121,519.9 |
| May-14 | _ | 6,706.0 | • | 630.0 | 4,300.0 | 205,200.2 | 1,046.3 | 48,246.6 | 11,510.7 | 618,543.0 | 2,609.6 | 124,129.6 |
| Jun-14 | - | 6,706.0 | - | 630.0 | 4,400.0 | 209,600.2 | 1,070.6 | 49,317.2 | 25,279.3 | 632,302.2 | 5,398.6 | 127,460.1 |
| Jul-14 | - | 6,706.0 | - | 630.0 | 4,500.0 | 214,100.2 | 1,094.9 | 50,412.1 | 10,518.2 | 642,820.5 | 2,577.1 | 130,037.2 |
| Aug-14 | - | 6,706.0 | - | 630.0 | 4,600.0 | 218,700.2 | 1,119.3 | 51,531.4 | 10,744.4 | 653,564.9 | 2,679.3 | 132,716.5 |
| Sep-14 | - | 6,706.0 | • | 630.0 | 4,700.0 | 223,400.2 | 1,143.6 | 52,675.0 | 11,954.6 | 665,\$19.5 | 2,767.7 | 135,484.2 |
| Oct-14 | - | 6,706.0 | - | 630.0 | 4,900.0 | 228,300.2 | 1,192.3 | 53,867.2 | 12,026.1 | 677,545.6 | 2,747.3 | 138,231.5 |
| Nov-14 Dec-14 | | 6,706.0 | -5 | 630.0 | 4,900.0 | 233,200.2 | 1,192.3 | 55,059.5 E6 276 1 | 11,125.2 | 688,570.8 | 2,513.0 2 134 0 | 140,744.5 |
| Dec-14 | · · · · · · | 6,706.0 | | 630.0 | 5,000.0 | 238,200.2 | 1,216.6 | . 56,276.1 | -10,125.8 | 698,796.6 | 2,134.0 | 142,878.5 |
| 2009 | 6,706.0 | 6,706.0 | 630.0 | 630.0 | 13,562.1 | 13,562.1 | 2,916.3 | 2,916.3 | 23,208.2 | 23,208.2 | 5,457.\$ | 5,457.5 |

| 2009 | 6,706.0 | 6,706.0 | 630.0 | 630.0 | 13,562.1 | 13,562.1 | 2,916.3 | 2,916.3 | 23,208.2 | 23,208.2 | 5,457.5 | 5,457.5 |
|----------|---------|-----------|---------|---------|-----------|------------|----------|-----------|-----------|-------------|-------------|-----------|
| 2010: 5: | 7 | 6,706.0 | \$ | 630.0 | 32,758.2 | 46,320.3 | 6,751.4 | 9,667.6 | 125,603.3 | 148,811.5 | P. 21,538.1 | 26,995.6 |
| 2011 | • | 6,706.0 | • | 630.0 | 43,485.8 | 89,806.2 | 10,507.6 | 20,175.3 | 152,044.7 | 300,856.2 | 28,592.2 | 55,587.7 |
| 2012 h | 4.4 | 6,706.0 | 1. 7: 1 | 630.0 | | 134,983.2. | 10,989.0 | 31,164.3 | 136,457,4 | 437,313.6 | 27,480.9 | 83,058.6 |
| 2013 | - | 6,706.0 | - | 630.0 | 50,217.0 | 185,200.2 | 12,216.0 | 43,380.3 | 129,969.2 | 567,282.8 | 28,801.8 | 111,870.4 |
| 2014 | | . 6.706.0 | | · 630.0 | 53,000.04 | 238,200.2 | 12.895.8 | .56.276.1 | 131,513.8 | *~698.796.6 | 31,008.1 | 142,878.5 |

Demand Response Program Impact Estimates at the Meter

| | | | | | Residential Load Control (EnergyWise) | | | | | | | | | |
|------------------|--|--|--------------------|----------------------|--|---|--------------------|------------------------|--|--|--|--|--|--|
| | | ÇI | G DR | | <u> </u> | 1.230 | | nmer | | nter | | | | |
| | MWH | 1 MWH | kW | ΣkW | MWH | Σ MWH | kW | ΣkW | kW | ΣkW | | | | |
| Jan-09 | <u>-</u> _ | | | | <u> </u> | Ŀ | | | | | | | | |
| Feb-09 | ļ <u>.</u> | ├ - | <u> </u> | - | | ├ ─∸ | | <u> </u> | <u> </u> | | | | | |
| Mar-09 Apr-09 | - | | <u> </u> | - | <u> </u> | <u> </u> | | | ļ <u>.</u> | ├ ─∸ | | | | |
| Apr-09 May-09 | | | - | - : | | - : | 211.8 579.6 | 211.8 791.4 | : | | | | | |
| Jun-09 | | | | | | | 1,395.0 | 2,186.4 | | ⊢÷ | | | | |
| Jul-09 | | | - | | - | | 1,639.0 | 3,825.4 | | | | | | |
| Aug-09 | - | T - | - | | | · · | 1,766.0 | 5,591.4 | · · | | | | | |
| Sep-Q9 | | 1 <u> </u> | - | - | · | · | 2,019.0 | 7,610.4 | 22.0 | 22.0 | | | | |
| Oct-09 | | | | | - | - | 2,175.0 | 9,785.4 | 78.0 | 100.0 | | | | |
| Nov-09 | | | | | - | | 1,639.0 | 11,424.4 | 95.0 | 195.0 | | | | |
| Dec-09 | | | 815.0 | 816.0 | | - | 1,793.0 | 13,217.4 | 136.0 | 331.0 | | | | |
| Jan-10 | <u> </u> | | <u> </u> | 816.0 | <u> </u> | | 2,464.0 | 15,581.4 | 163.0 | 494.0 | | | | |
| Feb-10 | <u> </u> | <u> </u> | 100.0 | 916.0 | - | <u>. </u> | 2,554.0 | 18,235.4 | 209.0 | 703.0 | | | | |
| Mar-10 | <u> </u> | <u> </u> | 660.0 | 1,576.0 | <u> </u> | <u> </u> | 3,725.0 | 21,950.4 | 238.0 | 941.0 | | | | |
| Apr-10 | - | | | 1,576.0 | | - :- | 3,865.0 | 25,825.4 | 242.0 | 1,183.0 | | | | |
| May-10 | - · | 20.5 | 905.0 2,430.0 | 2,481.0 | 30.8 34.5 | 30.8 | 3,748.0 | 29,573.4 | 259.0 | 1,442.0 | | | | |
| Jun-10 Jul-10 | 29 <u>.5</u> 31.9 | 29.5 61.3 | 400.0 | 4,911.0 5,311.0 | 38.5 | 65.2 103.7 | 3,558.0 3,900.0 | 33,131.4 37,031.4 | 233.0 186.0 | 1,675.0 1,861.0 | | | | |
| Aug-10 | 31.9 | 93.2 | 400.0 | 5,311.0 | 42.6 | 146.3 | 3,930.0 | 40,961.4 | 218.0 | 2,079.0 | | | | |
| Sep-10 | - 31.3 | 93.2 | 585.0 | 5,896.0 | | 146.3 | 3,502.0 | 44,563.4 | 299.0 | 2,378.0 | | | | |
| Oct-10 | <u> </u> | 93.2 | 570.0 | 6,456.0 | | 146.3 | 3,555.0 | 48,118.4 | 258.0 | 2,636.0 | | | | |
| Nov-10 | ļ | 93.2 | 900.0 | 7,366.0 | - | 146.3 | 2,690.0 | 50,808.4 | 177.0 | 2,813.0 | | | | |
| Dec-10 | | 93.2 | 390.0 | 7,756.0 | 2.5 | 148.9 | 2,592.0 | 53,400.4 | 170.0 | 2,983.0 | | | | |
| Jan-11 | <u> </u> | | 285.0 | 8,041.0 | 2.7 | 2.7 | 2,620.0 | \$6,020.4 | 187.0 | 3,170.0 | | | | |
| Feb-11 | | | 1,065.0 | 9,106.0 | • | 2.7 | 3,030.0 | 59,050.4 | 198.0 | 3,368.0 | | | | |
| Mar-11 | | | 2,500.0 | 11,606.0 | • | 2.7 | 3,474.0 | 62,524.4 | 361.0 | 3,729.0 | | | | |
| Apr-11 | <u> </u> | <u> </u> | 1,500.0 | 13,106.0 | ļ | 2.7 | 3,500.0 | 65,024.4 | 200.0 | 3,929.0 | | | | |
| May-11 | <u> </u> | <u> </u> | 1,500.0 | 14,605.0 | <u> </u> | 2.7 | 3,700.0 | 69,724.4 | 200.0 | 4,129.0 | | | | |
| Jun-11 | 96.6 | 96.6 | 1,500.0 | 16,106.0 | 76.4 | 79.1 | 3,700.0 | 73,424.4 | 200.0 | 4,329.0 | | | | |
| Jul-11 | 105.6 | . 202.3 | 1,500.0 | 17,606.0 | 80.4 168.9 | 159.5 | 3,900.0 3,900.0 | 77,324.4 | 200.0 | 4,529.0 | | | | |
| Aug-11 Sap-11 | 114,6 | 316.9 316.9 | 1,500.0 1,500.0 | 19,106.0 20,506.0 | 196.9 | 328.4 328.4 | 3,900.0 | 81,224.4 85,124.4 | 180.0 | 4,729.0 4,909.0 | | | | |
| Oct-11 | | 316.9 | 1,250.0 | 21,856.0 | | 328.4 | 3,350.0 | 88,474.4 | 160.0 | 5,069.0 | | | | |
| Nov-11 | | 316.9 | 1,000.0 | 22,856.0 | | 328.4 | 2,670.0 | 91,144.4 | 120.0 | 5,189.0 | | | | |
| Dec-11 | | 316.9 | 800.0 | 23,656.0 | . 4,4 | 332.8 | 2,370.0 | 93,514.4 | 120.0 | 5,309,0 | | | | |
| Jan-12 | · · | - | 750.0 | 24,406.0 | 4.5 | 4.5 | 2,800.0 | 96,314.4 | 160.0 | 5,469.0 | | | | |
| Feb-12 | | 1 - - | 1.0 | 24,407.0 | 4.7 | 9.2 | 2,800.0 | 99,114.4 | 180.0 | 5,649.0 | | | | |
| Mar-12 | · · | | 1,250.0 | 25,657.0 | | 9.2 | 3,600.0 | 102,714.4 | 180.0 | 5,829.0 | | | | |
| Apr-12 | | | 1,500.0 | 27,157.0 | | 9.2 | 3,500.0 | 106,314.4 | 200.0 | 6,029.0 | | | | |
| May-12 | | | 1,500.0 | 28,657.0 | · | 9.2 | 3,200.0 | 109,514.4 | 200.0 | 6,229.0 | | | | |
| Jun-12 | 180.9 | 180.9 | 1,500.0 | 30,157.0 | 117.6 | 126.8 | 3,600.0 | 113,114.4 | 200.0 | 6,429.0 | | | | |
| Jul-12 | 189.9 | 370.9 | 1,500.0 | 31,657.0 | 242.8 | 369.6 | 3,600.0 | 116,714.4 | 200.0 | 6,629.0 | | | | |
| Aug-12 | 198.9 | 569.8 | 1,500.0 | 33,157.0 | 250,3 | 619.9 | 3,600.0 | 120,314.4 | 200.0 | 6,829.0 | | | | |
| Sep-12 Oct-12 | ├ ─ ÷ | 569.8 569.8 | 1,500.0 1,250.0 | 34,657.0 | - | 619.9 619.9 | 3,600.0 3,600.0 | 123,914.4 127,514.4 | 180.0 | 7,009.0 7,189.0 | | | | |
| Nov-12 | ├ | 569.8 | 1,000.0 | 35,907.0 36,907.0 | - : | 619.9 | 3,200.0 | 130,714.4 | 120.0 | 7,309.0 | | | | |
| Dec-12 | | 569.8 | 800.0 | 37,707.0 | 6.2 | 625.0 | 2,800.0 | 133,514.4 | 120.0 | 7,429.0 | | | | |
| Jan-13 | | - 303.5 | 750.0 | 38,457.0 | 6.3 | 6.3 | 2,550.0 | 136,064.4 | 160.0 | 7,589.0 | | | | |
| Feb-13 | | | 1.0 | 38,458.0 | 6.5 | 12.8 | 2,900.0 | 138,964.4 | 180.0 | 7,769.0 | | | | |
| Mar-13 | - · | | 1,250.0 | 39,708.0 | | 12.8 | 2,900.0 | 141,864.4 | 180.0 | 7,949.0 | | | | |
| Apr-13 | | <u> </u> | 1,500.0 | 41,208.0 | | 12.8 | 3,250.0 | 145,114.4 | 200.0 | 8,149.0 | | | | |
| May-13 | | | 1,500.0 | 42,708.0 | | 12.8 | 3,450.0 | 148,564.4 | 200.0 | 8,349.0 | | | | |
| Jun-13 | 265.2 | 265.2 | 1,500.0 | 44,208.0 | 158.1 | 170.9 | 3,450.0 | 152,014.4 | 200.0 | 8,549.0 | | | | |
| Jul-13 | 274.2 | 539.5 | 1,500.0 | 45,708.0 | 323.7 | 494.6 | 3,600.0 | 155,614.4 | 200.0 | 8,749.0 | | | | |
| Aug-13 | 283.2 | 822.7 | 1,500.0 | 47,208.0 | 331.2 | 825.7 | 3,600.0 | 159,214.4 | 200.0 | 8,949.0 | | | | |
| Sep-13 | <u> </u> | 822.7 | 1,500.0 | 48,708.0 | • | 825.7 | 3,600.0 | 162,814.4 | 180.0 | 9,129.0 | | | | |
| Oct-13 | | 822.7 | 1,250.0 | 49,958.0 | - | 825.7 | 3,100.0 2,500.0 | 165,914.4 168,414.4 | - 180.0 120.0 | 9,309.0 9,429.0 | | | | |
| Nov-13 Dec-13 | | 822.7 | 1,000.0 | 50,958.0 51,758.0 | 8.0 | 833.7 | 2,200.0 | 170,614.4 | 120.0 | 9,549.0 | | | | |
| Jan-14 | | 822.7 | 750.0 | 52,508.0 | 8.1 | 8.1 | 2,250.0 | 173,164.4 | 160.0 | 9,709.0 | | | | |
| Feb-14 | <u> </u> | <u> </u> | 1.0 | 52,509.0 | 8.3 | 16.4 | 2,900.0 | 176,064.4 | 180 0 | 9,889.0 | | | | |
| Mar-14 | <u> </u> | - | 1,250.0 | 53,759.0 | | 16.4 | 2,900.0 | 178,964.4 | 180.0 | 10,069.0 | | | | |
| Apr-14 | | | 1,500.0 | 55,259.0 | - | 16.4 | 3,250.0 | 182,214.4 | 200.0 | 10,269.0 | | | | |
| May-14 | | - | 1,500.0 | 56,759.0 | • | 16.4 | 3,450.0 | 185,564.4 | 200.0 | 10,469.0 | | | | |
| iun-14 | 349.6 | 349.6 | 1,500.0 | 58,259.0 | 196.7 | 213.1 | 3,450.0 | 189,114.4 | 200.0 | 10,669.0 | | | | |
| Jul-14 | 358.6 | 708.1 | 1,500.0 | 59,759.0 | 400.8 | 613.9 | 3,600.0 | 192,714.4 | 200.0 | 10,869.0 | | | | |
| Aug-14 | 367.6 | 1,075.7 | 1,500.0 | 61,259.0 | 612.5 | 1,226.4 | 3,600.0 | 196,314.4 | 200.0 | 11,069.0 | | | | |
| Sep-14 | | 1,075.7 | 1,500.0 | 62,759.0 | | 1,226.4 | 3,600.0 | 199,914.4 | 180.0 | 11,249.0 | | | | |
| Oct-14 | | 1,075.7 | 1,250.0 | 64,009.0 | | 1,226.4 | 3,100.0 | 203,014.4 | 180.0 | 11,429.0 | | | | |
| Nov-14 | | 1,075.7 | 1,000.0 | 65,009.0 | | 1,226.4 | 2,500.0 | 205,514.4 | 120.0 | 11,549.0 | | | | |
| Dec-14 | · · · - | 1,075.7 | E00.0 | 65,809.0 | - 9.8 | .1,236.3 | 2,200.0 | 207,714.4 | 120.0 | 11,669.0 | | | | |
| | ··· | | | | | | | | | | | | | |
| 2009 | <u> </u> | - | 816.0 | 816.0 | - | | 13,217.4 | 13,217.4 | 136.0 | 331.0 | | | | |
| 2010 | 93.2 | 93.2. | #. 6,940.0° | | 148.9 | 148.9 | 40,183.0 | 53,400.4 | | 2,983.0 | | | | |
| 2011 | 316.9 | 316.9 | 15,900.0 | 23,656.0 | 332.8 | 332.8 | 40,114.0 | 93,514.4 | 120.0 | \$,309.0 | | | | |
| | | 1569.8 | E 14,051.0 | | ÷ 626.0 | 626.0 | .º 40,000.0 ° | *133,514.4 | 120.0 | 2,429.0 | | | | |
| 2013 | 822.7 | 822.7 | 14,051.0 | 51,758.0 | 833.7 | 833.7 | 37,100.0 | 170,614.4 | 120.0 | 9,549.0 | | | | |
| 2014 | i: 1,075.7 | 1,075.7 | 14,051.0 | 65,809.0 | * 1,236.3 | 1,236.3 | < 37,100.0 | 207,714.4 | 120.0 | 11,669.0 | | | | |

1,075.7 1,075.7 14,051.0 65,809.0

*1,236.3 1,236.3 37,100.0 207,714.4

Determination of Net Lost Revenues Associated With DSM Programs

EnergyWise Summer

| | 2009 2009 | Vintage kW 2010 | Vintage ΣkW 2010 | Vintage kW 2011 | Vintage ΣkW 2011 | Vintage kW 2009 | Vintage kW 2010 | Vintage kW 2011 | MWH Savings | Vintage MWh 2009 | Vintage MWh 2010 | Vintage MWh 2011 | |
|--------|-----------|--------------------|---------------------|--------------------|---------------------|--------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------------|------------------------|-----------------|
| | (0) | (b) = Z(a) | (c) | (d) = I(c) | (e) | (f) = Σ(e) | (g)=(b)/[(b)+(e)+(g)] | (h)=(e)/((b)+(e)+(g)) | (h)=(g)/{(b)+(e)+(g)} | (j) W/P D-38 | $\{k\} = \{h\} \times \{j\}$ | (I) = (I) × (J) | (m) = (j) × (j) |
| Jan-09 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Feb-09 | - | - | - | - | - | - | - | - | - | - | - | - | • |
| Mar-09 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Apr-09 | 211.8 | 211.8 | - | - | - | - | 100.0% | 0.0% | 0.0% | - | - | - | - |
| May-09 | 579.6 | 791.4 | - | - | - | - | 100.0% | 0.0% | 0.0% | - | - | - | - |
| Jun-09 | 1,395.0 | 2,186.4 | - | - | - | - | 100.0% | 0.0% | 0.0% | - | - | - | - |
| Jul-09 | 1,639.0 | 3,825.4 | - | - | - | - | 100.0% | 0.0% | 0.0% | - | - | - | - |
| Aug-09 | 1,766.0 | 5,591.4 | • | = | • | - | 100.0% | 0.0% | 0.0% | - | - | - | - |
| Sep-09 | 2,019.0 | 7,610.4 | • | - | - | - | 100.0% | 0.0% | 0.0% | - | - | - | - |
| Oct-09 | 2,175.0 | 9,785.4 | - | - | - | • | 100.0% | 0.0% | 0.0% | - | - | - | - |
| Nov-09 | 1,639.0 | 11,424.4 | 5 | - | - | - | 100.0% | 0.0% | 0.0% | - | - | - | - |
| Dec-09 | 1,793.0 | 13,217.4 | • | - | - | - | 100.0% | 0.0% | 0.0% | - | - | - | - |
| Jan-10 | - | 13,217.4 | 2,464.0 | 2,464.0 | - | - | 84.3% | 15.7% | 0.0% | - | - | • | - |
| Feb-10 | - | 13,217.4 | 2,554.0 | 5,018.0 | - | - | 72.5% | 27.5% | 0.0% | • | : | - | - |
| Mar-10 | - | 13,217.4 | 3,725.0 | 8,743.0 | - | • | 60.2% | 39.8% | 0.0% | - | - | - | - |
| Apr-10 | _ | 13,217.4 | 3,865.0 | 12,608.0 | - | - | 51.2% | 48.8% | 0.0% | - | - | - | - |
| May-10 | - | 13,217.4 | 3,748.0 | 16,356.0 | - | - | 44.7% | 55.3% | 0.0% | 30.76 | 13.75 | 17.01 | - |
| Jun-10 | - | 13,217.4 | 3,558.0 | 19,914.0 | - | - | 39.9% | 60.1% | 0.0% | 34.46 | 13.75 | 20.71 | - |
| Jul-10 | - | 13,217.4 | 3,900.0 | 23,814.0 | - | • | 35.7% | 64.3% | 0.0% | 38.51 | 13.75 | 24.77 | - |
| Aug-10 | - | 13,217.4 | 3,930.0 | 27,744.0 | - | - | 32.3% | 67.7% | 0.0% | 42.60 | 13.75 | 28.85 | - |
| Sep-10 | - | 13,217.4 | 3,602.0 | 31,346.0 | - | - | 29.7% | 70.3% | 0.0% | - | - | - | - |
| Oct-10 | - | 13,217.4 | 3,555.0 | 34,901.0 | - | - | 27.5% | 72.5% | 0.0% | - | - | - | |
| Nov-10 | - | 13,217.4 | 2,690.0 | 37,591.0 | - | - | 26.0% | 74.0% | 0.0% | - | - | - | - |
| Dec-10 | - | 13,217.4 | 2,592.0 | 40,183.0 | - | - | 24.8% | 75.2% | 0.0% | 2.54 | 0.63 | 1.91 | - |
| Jan-11 | - | 13,217.4 | | 40,183.0 | 2,620.0 | 2,620.0 | 23.6% | 71.7% | 4.7% | 2.70 | 0.64 | 1.94 | 0.13 |
| Feb-11 | - | 13,217.4 | _ | 40,183.0 | 3,030.0 | 5,650.0 | 22.4% | 68.0% | 9.6% | - | - | - | - |
| Mar-11 | _ | 13,217.4 | _ | 40,183.0 | 3,474.0 | 9,124.0 | 21.1% | 64.3% | 14.6% | - | - | - | - |

| Recoverable Lost Sales (MWHs) | 151.57 | 56.25 | 95.19 | 0.13 | |
|---|--------|----------------|-------------|--------|--|
| NC DSM Jurisdictional Allocation Factor (W/P B, Line 3) | | 85.89% | 85.89% | 85.89% | |
| Recoverable Jurisdictional Net Lost Sales (MWHs) | 130.18 | 48.31 | 81.76 | 0.11 | |
| Net Lost Revenue Rate per MWH (W/P D-4, Line 21) | | \$ 56.85 \$ | 56.85 \$ | 56.85 | |
| Recoverable Net Lost Revenues (By Vintage) | | \$ 2,746.71 \$ | 4,648.15 \$ | 6.17 | |
| | | <u> </u> | | | |
| Recoverable Net Lost Revenues (Total) | | <u>\$</u> | 7,401.02 | | |

Determination of Net Lost Revenues Associated With DSM Programs

EnergyWise Winter

| | Vintage kW V 2009 | Vintage ΣkW 2009 | Vintage kW 2010 | Vintage ΣkW 2010 | Vintage kW 2011 | Vintage ΣkW 2011 | Vintage kW 2009 | Vintage kW 2010 | Vintage kW 2011 | MWH Savings | Vintage MWh 2009 | Vintage MWh 2010 | Vintage MWh 2011 |
|--------|----------------------|---------------------|--------------------|---------------------|--------------------|---------------------|-----------------------|-----------------------|-----------------------|----------------|------------------------|------------------------|------------------------|
| | (a) | $(b) = \lambda(a)$ | (c) | (d) = I(c) | (e) | (f) = Σ(e) | (g)=(b)/((b)+(e)+(g)) | (h)=(e)/[(b)+(e)+(g)] | (h)=(g)/((b)+(e)+(g)) | (j) W/P D-3B | (k) = (h) × (j) | (i) = (i) × (j) | (m) = (j) × (j) |
| Jan-09 | - | - | • | - | - | - | • | - | - | - | | | |
| Feb-09 | - | - | - | - | - | - | - | - | - | - | | | |
| Mar-09 | - | - | - | - | - | - | - | - | - | - | | | |
| Apr-09 | - | - | - | - | - | - | - | - | - | - | - | - | • |
| May-09 | <u> </u> | - | • | - | - | - | - | • | - | - | • | - | - |
| Jun-09 | - | - | • | - | - | - | - | - | - | - | • | - | - |
| Jul-09 | - | - | - | - | - | - | - | - | - | - | - | - | • |
| Aug-09 | - | - | - | - | - | - | • | - | • | - | - | - | - |
| Sep-09 | 22.0 | 22.0 | - | - | - | - | 100.0% | 0.0% | 0.0% | - | - | - | - |
| Oct-09 | 78.0 | 100.0 | • | - | - | - | 100.0% | 0.0% | 0.0% | - | - | - | - |
| Nov-09 | 95.0 | 195.0 | - | - | - | - | 100.0% | 0.0% | 0.0% | - | - | - | • |
| Dec-09 | 136.0 | 331.0 | - | - | - | - | 100.0% | 0.0% | 0.0% | - | - | - | - |
| Jan-10 | • | 331.0 | 163.0 | 163.0 | - | - | 67.0% | 33.0% | 0.0% | - | - | - | - |
| Feb-10 | - | 331.0 | 209.0 | 372.0 | - | - | 47.1% | 52.9% | 0.0% | - | - | - | - |
| Mar-10 | - | 331.0 | 238.0 | 610.0 | - | - | 35.2% | 64.8% | 0.0% | - | - | - | - |
| Apr-10 | • | 331.0 | 242.0 | 852.0 | - | - | 28.0% | 72.0% | 0.0% | - | - | - | - |
| May-10 | - | 331.0 | 259.0 | 1,111.0 | - | - | 23.0% | 77.0% | 0.0% | - | - | - | - |
| Jun-10 | - | 331.0 | 233.0 | 1,344.0 | - | - | 19.8% | 80.2% | 0.0% | - | - | - | - |
| Jul-10 | - | 331.0 | 186.0 | 1,530.0 | - | - | 17.8% | 82.2% | 0.0% | - | - | - | - |
| Aug-10 | - | 331.0 | 218.0 | 1,748.0 | - | - | 15.9% | 84.1% | 0.0% | - | - | - | - |
| Sep-10 | - | 331.0 | 299.0 | 2,047.0 | - | - | 13.9% | 86.1% | 0.0% | - | - | - | - |
| Oct-10 | - | 331.0 | 258.0 | 2,305.0 | - | - | 12.6% | 87.4% | 0.0% | - | - | - | - |
| Nov-10 | - | 331.0 | 177.0 | 2,482.0 | - | • | 11.8% | 88.2% | 0.0% | - | - | - | - |
| Dec-10 | - | 331.0 | 170.0 | 2,652.0 | - | - | 11.1% | 88.9% | 0.0% | 2.54 | 0.28 | 2.26 | - |
| Jan-11 | - | 331.0 | - | 2,652.0 | 187.0 | 187.0 | 10.4% | 83.7% | 5.9% | 2.70 | . 0.28 | 2.26 | 0.16 |
| Feb-11 | - | 331.0 | - | 2,652.0 | 198.0 | 385.0 | 9.8% | 78.7% | 11.4% | - | - | - | - |
| Mar-11 | - | 331.0 | • | 2,652.0 | 361.0 | 746.0 | 8.9% | 71.1% | 20.0% | | | | <u>-</u> |

| Recoverable Lost Sales (MWHs) | 5.24 | 0.56 | | 4.52 | | 0.16 |
|---|------|----------|--|--------|------|-------|
| NC DSM Jurisdictional Allocation Factor (W/P B, Line 3) | | 85.89% | <u>. </u> | 85.89% | 85 | 5.89% |
| Recoverable Jurisdictional Net Lost Sales (MWHs) | 4.50 | 0.48 | | 3.88 | | 0.14 |
| Net Lost Revenue Rate per MWH (W/P D-4, Line 21) | | \$ 56.85 | <u>\$</u> | 56.85 | \$ 5 | 56.85 |
| Recoverable Net Lost Revenues (By Vintage) | | \$ 27.54 | | 220.66 | 5 | 7.78 |
| Recoverable Net Lost Revenues (Total) | | <u> </u> | _ | 255.98 | | J |

\$ 3,635.60

Progress Energy Carolinas, Inc.

Determination of Net Lost Revenues Associated With DSM Programs

CIG DR

Recoverable Net Lost Revenues (By Vintage)

Recoverable Net Lost Revenues (Total)

| .io or | Vintage kW 2009 | Vintage ΣkW 2009 | Vintage kW 2010 | Vintage ΣkW 2010 | Vintage kW 2011 | Vintage ΣkW 2011 | Vintage kW 2009 | Vintage kW 2010 | Vintage kW 2011 | MWH Savings | Vintage MWh 2009 | Vintage MWh 2010 | Vintage MWh 2011 |
|--------|--------------------|----------------------|----------------------|---------------------|--------------------|---------------------|-----------------------|-----------------------|-----------------------|----------------|------------------------|------------------------|------------------------|
| | (a) | (b) = Σ(a) | (c) | (d) = Σ(c) | (~) | $(f) = \Sigma(e)$ | (g)=(b)/[(b)+(e)+(g)] | (h)=(e)/((b)+(e)+(g)) | (h)=(g)/[(b)+(e)+(g)] | (j) W/P D-38 | (k) = (h) x (j) | (1) = (i) × (j) | (m) = (j) × (j) |
| Jan-09 | - | - | | | | | | | | | | | |
| Feb-09 | - | - | | | | | | | | | | | |
| Mar-09 | - | - | | | | | | | | | | | |
| Apr-09 | - | - | | | | | | | | - | - | - | - |
| May-09 | - | - | | | | | | | | - | - | - | - |
| Jun-09 | - | - | | | | | | | | - | - | - | - |
| Jul-09 | - | - | | | | | | | | - | - | - | - |
| Aug-09 | = | - | | | | | | | | - | - | - | - |
| Sep-09 | • | = | | | | | | | | - | - | - | - |
| Oct-09 | - | - | | | | | | | | - | - | - | - |
| Nov-09 | - | • | | | | | | | | • | - | - | - |
| Dec-09 | 816.0 | 816.0 | | | | | 100.0% | | 0.0% | - | - | - | - |
| Jan-10 | | 816.0 | - | • | | - | 100.0% | 0.0% | 0.0% | • | - | - | - |
| Feb-10 | | 816.0 | . 100.0 | 100.0 | | - | 89.1% | | | - | - | - | - |
| Mar-10 | | 816.0 | 660.0 | 760.0 | | - | 51.8% | 48.2% | 0.0% | - | - | - | - |
| Apr-10 | | 816.0 | - | 760.0 | | - | 51.8% | | | - | - | - | - |
| May-10 | | 816.0 | 905.0 | 1,665.0 | | - | 32.9% | 67.1% | 0.0% | - | - | - | - |
| Jun-10 | | 816.0 | 2,430.0 | 4,095.0 | | - | 16.6% | 83.4% | 0.0% | 29.47 | 4.90 | 24.57 | - |
| Jul-10 | | 816.0 | 400.0 | 4,495.0 | | - | 15.4% | | | 31.87 | 4.90 | 26.97 | - |
| Aug-10 | | 816.0 | - | 4,495.0 | | - | 15.4% | 84.6% | 0.0% | 31.87 | 4.90 | 26.97 | - |
| Sep-10 | | 816.0 | 585.0 | 5,080.0 | | - | 13.8% | 86.2% | 0.0% | - | - | • | - |
| Oct-10 | | 816.0 | 570.0 | 5,650.0 | | - | 12.6% | 87.4% | 0.0% | - | - | - | - |
| Nov-10 | | 816.0 | 900.0 | 6,550.0 | | - | 11.1% | 88.9% | 0.0% | - | - | - | - |
| Dec-10 | | 816.0 | 390.0 | 6,940.0 | | - | 10.5% | 89.5% | 0.0% | - | - | - | - |
| Jan-11 | | 816.0 | | 6,940.0 | 285.0 | 285.0 | 10.5% | 89.5% | 3.5% | - | - | - | - |
| Feb-11 | | 816.0 | | 6,940.0 | 1,065.0 | 1,350.0 | 10.5% | 89.5% | 14.8% | • | - | - | _ |
| Mar-11 | | 816.0 | | 6,940.0 | 2,500.0 | 3,850.0 | 10.5% | 89.5% | 33.2% | | - _ | - | <u> </u> |
| | Recoverable Lost | t Sales (MWHs) | | | | | | | | 93.20 | 14.69 | 78.51 | - |
| | NC DSM Jurisdict | tional Allocation Fa | nctor (W/P B, Line 3 |) | | | | | | | 85.89% | 85.89% | 85,89% |
| | Recoverable Juris | sdictional Net Lost | Sales (MWHs) | | | | | | | 80.05 | 12.62 | 67.43 | - |
| | Net Lost Revenue | e Rate per MWH (\ | W/P D-4, Line 21) | | | | | | | | \$ 45.42 | \$ 45.42 | \$ 45.42 |

PROGRESS ENERGY CAROLINAS, INC. Calculation of Net Lost Revenue Rates

| Revenues (\$0000s)¹ | | | | Residential | Ge | eneral Service |
|---|----|---|-------------------|-----------------|----|----------------|
| Revenues Net of Customer Charge | 1 | Revenues (\$000s) ¹ | | \$ 1,411,517 | \$ | 958,819 |
| GRT in Rates Line 3 · 3 · 2 | 2 | Customer Charge Revenues (\$000s) | | 87,001 | | 29,226 |
| Sevenues Net of Cust Chge & GRT | 3 | Revenues Net of Customer Charge | Lines 1 - 2 | \$ 1,324,517 | \$ | 929,593 |
| 6 Uncollectible Rates W/P B-6 0.5601% 0.0441% 7 Uncollectible Portion of Rates Lines 5 x 6 \$ 7,180 \$ 397 8 Net Revenues Lines 5 x 7 \$ 1,274,687 \$ 899,264 9 Fuel Revenue (\$000s) 386,668 315,360 10 Adjusted Met Margin Lines 8 - 9 \$ 888,019 \$ 583,903 11 Sales (MWHs) Lines 10 / 11 \$ 59.20 \$ 47.76 Net Lost Revenue per MWh (\$) Lines 10 / 11 \$ 59.20 \$ 47.76 14 2010 Rate Variable O&M Rate per MWh From CSP Study \$ 2.17 \$ 2.17 15 Months in 2010 Calendar Period Apr-Dec 9.0 9.0 16 Product of 2010 Months X VOM Rate Lines 14 x 15 \$ 19.56 \$ 19.56 17 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 \$ 2.86 18 Months in 2011 Calendar Period Jan-Mor 3.0 3.0 19 Product of 2011 Months X VOM Rate Lines 17 x 18 \$ 8.58 8.58 | 4 | GRT in Rates | Line 3 x 3.22% | 42,649 | | 29,933 |
| 7 Uncollectible Portion of Rates Lines 5 x 6 \$ 7,180 \$ 397 8 Net Revenues Lines 5 - 7 \$ 1,274,687 \$ 899,264 9 Fuel Revenue (\$000s) 386,668 315,360 10 Adjusted Net Margin Lines 8 - 9 \$ 888,019 \$ 583,903 11 Sales (MWHs) Lines 10/11 \$ 59.20 \$ 47.76 Net Lost Revenue Rate for Test Period Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 14 2010 Rate Variable O&M Rate per MWh From CSP Study \$ 2.17 \$ 2.17 15 Months in 2010 Calendar Period Aρ-Dec 9.0 9.0 16 Product of 2010 Months X VOM Rate Lines 14 x 15 19.56 \$ 19.56 17 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 \$ 2.86 18 Months in 2011 Calendar Period Jan-Mar 3.0 3.0 19 Product of 2011 Months X VOM Rate Lines 12 x 18 \$ 8.58 8.58 20 Weighted Variable O&M Rate per MWh L | 5 | Revenues Net of Cust Chge & GRT | Lines 3-4 | \$ 1,281,867 | \$ | 899,660 |
| Net Revenues | 6 | Uncollectible Rates | W/P B-6 | 0.5601% | | 0.0441% |
| 8 Net Revenues Lines 5-7 (2000) \$ 1,274,687 (2000) \$ 899,264 9 Fuel Revenue (SOOS) Lines 8-9 (2000) \$ 388,003 (2000) \$ 583,903 (2000) 11 Sales (MWHs) Lines 10/11 (2000) \$ 583,003 (2000) \$ 12,225,079 12 Adjusted Base Revenue per MWh (\$) Lines 10/11 (2000) \$ 59.20 (2000) \$ 47.76 Net Lost Revenue Rate for Test Period 14 2010 Rate Variable O&M Rate per MWh From CSP Study \$ 2.17 (2000) \$ 2.17 15 Months in 2010 Calendar Period Apr-Dec 9.0 (2000) 9.0 16 Product of 2010 Months X VOM Rate Lines 14 x 15 (2000) \$ 2.86 (2000) \$ 2.86 17 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 (2000) \$ 2.86 18 Months in 2011 Calendar Period Jan-Mar 3.0 (2000) 3.0 19 Product of 2011 Months X VOM Rate Lines 17 x 18 (2000) \$ 2.86 (2000) \$ 2.86 20 Weighted Variable O&M Rate per MWh Lines 17 x 18 (2000) \$ 2.34 (2000) \$ 2.34 (2000) 21 Adjusted Base Revenue per MWh (\$) Lines 13 - 20 (2000) \$ 56.85 (2000) \$ 47.76 22 Adjusted Base Revenue | 7 | Uncollectible Portion of Rates | Lines 5 x 6 | \$ 7,180 | \$ | 397 |
| Lines 8-9 S88,019 \$ 583,903 15,001,238 12,225,079 12,225 | 8 | Net Revenues | Lines 5 - 7 | 1,274,687 | \$ | 899,264 |
| 11 Sales (MWHs) | 9 | Fuel Revenue (\$000s) | | 386,668 | | 315,360 |
| Net Lost Revenue Rate for Test Period Adjusted Base Revenue per MWh (\$) Lines 10/11 \$ 59.20 \$ 47.76 | 10 | Adjusted Net Margin | Lines 8 - 9 | \$ 888,019 | \$ | 583,903 |
| Net Lost Revenue Rate for Test Period Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 | 11 | Sales (MWHs) | | 15,001,238 | | 12,225,079 |
| 13 Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 14 2010 Rate Variable O&M Rate per MWh From CSP Study \$ 2.17 \$ 2.17 15 Months in 2010 Calendar Period Apr-Dec 9.0 9.0 16 Product of 2010 Months X VOM Rate Lines 14x15 \$ 19.56 \$ 19.56 17 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 \$ 2.86 18 Months in 2011 Calendar Period Jan-Mor 3.0 3.0 19 Product of 2011 Months X VOM Rate Lines 17x18 \$ 8.58 \$ 8.58 20 Weighted Variable O&M Rate per MWh Lines 17x18 \$ 58.58 \$ 2.34 20 Weighted Variable O&M Rate per MWh Lines 13-20 \$ 56.85 \$ 45.42 Net Lost Revenue Rate for Prospective Period Lines 13-20 \$ 59.20 \$ 47.76 23 2011 Rate Variable O&M Rate per MWh (\$) Line 12 \$ 59.20 \$ 47.76 24 Net Lost Revenue Rate for Rate Period Lines 22-23 \$ 56.34 \$ 44.90 Net Lost Revenue Rate for R | 12 | Adjusted Base Revenue per MWh (\$) | Lines 10/11 | \$ 59.20 | \$ | 47.76 |
| 14 2010 Rate Variable O&M Rate per MWh From CSP Study \$ 2.17 \$ 2.17 \$ 2.17 \$ Months in 2010 Calendar Period Apr-Dec 9.0 | | Net Lost Revenue Rate for Test Period | | | | |
| 15 Months in 2010 Calendar Period Apr-Dec 9.0 9.0 9.0 16 Product of 2010 Months X VOM Rate Lines 14x15 \$ 19.56 \$ | 13 | Adjusted Base Revenue per MWh (\$) | Line 12 | \$ 59.20 | \$ | 47.76 |
| 16 Product of 2010 Months X VOM Rate Lines 14x15 \$ 19.56 \$ 19.56 17 2011 Rate Variable O&M Rate per MWh Fram CSP Study \$ 2.86 \$ 2.86 18 Months in 2011 Calendar Period Jan-Mar 3.0 3.0 19 Product of 2011 Months X VOM Rate Lines 17x18 \$ 8.58 \$ 8.58 20 Weighted Variable O&M Rate per MWh Lines 17x18 \$ 2.34 \$ 2.34 21 Net per MWh Rate for Test Period Calculations Lines 13-20 \$ 56.85 \$ 45.42 Net Lost Revenue Rate for Prospective Period Line 12 \$ 59.20 \$ 47.76 22 Net per MWh Rate for Prospective Period Line 17 2.86 2.86 24 Net per MWh Rate for Prospective Period Line 17 2.86 2.86 24 Net per MWh Rate for Prospective Period Line 12 \$ 59.20 \$ 47.76 25 Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 44.90 25 Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 26 2011 | 14 | 2010 Rate Variable O&M Rate per MWh | From CSP Study | \$ 2.17 | \$ | 2.17 |
| 17 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 \$ 2.86 18 Months in 2011 Calendar Period Jan-Mar 3.0 3.0 19 Product of 2011 Months X VOM Rate Lines 17x 18 \$ 8.58 \$ 8.58 20 Weighted Variable O&M Rate per MWh Lines 17x 18 \$ 2.34 \$ 2.34 21 Net per MWh Rate for Test Period Calculations Lines 13 - 20 \$ 56.85 \$ 45.42 Net Lost Revenue Rate for Prospective Period Line 12 \$ 59.20 \$ 47.76 23 2011 Rate Variable O&M Rate per MWh Line 17 2.86 2.86 24 Net per MWh Rate for Prospective Period Lines 22 - 23 \$ 56.34 \$ 44.90 Net Lost Revenue Rate for Rate Period Line 12 \$ 59.20 \$ 47.76 25 Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 26 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 \$ 2.86 27 Months in 2011 Calendar Period Jul-Dec 1.0 1.0 28 Product of 2011 Months X VOM Rate | 15 | Months in 2010 Calendar Period | Apr-Dec | 9.0 | | 9.0 |
| 18 Months in 2011 Calendar Period Jan-Mar 3.0 3.0 19 Product of 2011 Months X VOM Rate Lines 17x 18 \$ 8.58 \$ 8.58 20 Weighted Variable O&M Rate per MWh Lines 17x 18 \$ 2.34 \$ 2.34 21 Net per MWh Rate per MWh Rate per MWh Rate for Prospective Period Lines 13 - 20 \$ 55.85 \$ 45.42 Net Lost Revenue Rate for Prospective Period Line 12 \$ 59.20 \$ 47.76 23 2011 Rate Variable O&M Rate per MWh Line 17 2.86 2.86 24 Net per MWh Rate for Prospective Period Lines 22 - 23 \$ 56.34 \$ 44.90 Net Lost Revenue Rate for Rate Period Lines 22 - 23 \$ 56.34 \$ 44.90 Net Lost Revenue Rate for Rate Period Line 12 \$ 59.20 \$ 47.76 25 Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 26 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 \$ 2.86 27 Months in 2011 Calendar Period Lines 26 x 27 \$ 2.86 \$ 2.86 29 2012 Rat | 16 | Product of 2010 Months X VOM Rate | Lines 14 x 15 | \$ 19.56 | \$ | 19.56 |
| Product of 2011 Months X VOM Rate Lines 17 x 18 \$ 8.58 \$ 8.58 | 17 | 2011 Rate Variable O&M Rate per MWh | From CSP Study | \$ 2.86 | \$ | 2.86 |
| Net Lost Revenue Rate for Prospective Period Lines 13 - 20 \$ 56.85 \$ 45.42 | | Months in 2011 Calendar Period | Jan-Mar | | | 3.0 |
| Net per MWh Rate for Test Period Calculations Lines 13 - 20 \$ 56.85 \$ 45.42 | 19 | Product of 2011 Months X VOM Rate | Lines 17 x 18 | \$ 8.58 | \$ | 8.58 |
| Net Lost Revenue Rate for Prospective Period 22 Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 23 2011 Rate Variable O&M Rate per MWh Line 17 2.86 2.86 24 Net per MWh Rate for Prospective Period Lines 22-23 \$ 56.34 \$ 44.90 Net Lost Revenue Rate for Rate Period 25 Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 26 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 \$ 2.86 27 Months in 2011 Calendar Period Jul-Dec 1.0 1.0 28 Product of 2011 Months X VOM Rate Lines 26 x 27 \$ 2.86 \$ 2.86 29 2012 Rate Variable O&M Rate per MWh From CSP Study \$ 2.91 \$ 2.91 30 Months in 2012 Calendar Period Jan-Jun 11.0 11.0 31 Product of 2012 Months X VOM Rate Lines 29 x 30 \$ 32.01 \$ 32.01 32 Weighted Variable O&M Rate per MWh Lines (28 + 31)/12 \$ 2.91 \$ 2.91 | | - | Lines(16 + 19)/12 | | | |
| 22 Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 23 2011 Rate Variable O&M Rate per MWh Line 17 2.86 2.86 24 Net per MWh Rate for Prospective Period Lines 22 - 23 \$ 56.34 \$ 44.90 Net Lost Revenue Rate for Rate Period 25 Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 26 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 \$ 2.86 27 Months in 2011 Calendar Period Jul-Dec 1.0 1.0 28 Product of 2011 Months X VOM Rate Lines 26 x 27 \$ 2.86 \$ 2.86 29 2012 Rate Variable O&M Rate per MWh From CSP Study \$ 2.91 \$ 2.91 30 Months in 2012 Calendar Period Jan-Jun 11.0 11.0 31 Product of 2012 Months X VOM Rate Lines 29 x 30 \$ 32.01 \$ 32.01 32 Weighted Variable O&M Rate per MWh Lines (28 + 31)/12 \$ 2.91 \$ 2.91 | 21 | Net per MWh Rate for Test Period Calculations | Lines 13 - 20 | \$ 56.85 | \$ | 45.42 |
| 23 2011 Rate Variable O&M Rate per MWh Line 17 2.86 2.86 24 Net per MWh Rate for Prospective Period Lines 22 - 23 \$ 56.34 \$ 44.90 Net Lost Revenue Rate for Rate Period 25 Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 26 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 \$ 2.86 27 Months in 2011 Calendar Period Jul-Dec 1.0 1.0 28 Product of 2011 Months X VOM Rate Lines 26 x 27 \$ 2.86 \$ 2.86 29 2012 Rate Variable O&M Rate per MWh From CSP Study \$ 2.91 \$ 2.91 30 Months in 2012 Calendar Period Jan-Jun 11.0 11.0 31 Product of 2012 Months X VOM Rate Lines 29 x 30 \$ 32.01 \$ 32.01 32 Weighted Variable O&M Rate per MWh Lines(28 + 31)/12 \$ 2.91 \$ 2.91 | | Net Lost Revenue Rate for Prospective Period | | | | |
| Net Lost Revenue Rate for Rate Period Line 12 \$ 56.34 \$ 44.90 25 Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 26 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 \$ 2.86 27 Months in 2011 Calendar Period Jul-Dec 1.0 1.0 28 Product of 2011 Months X VOM Rate Lines 26 x 27 \$ 2.86 \$ 2.86 29 2012 Rate Variable O&M Rate per MWh From CSP Study \$ 2.91 \$ 2.91 30 Months in 2012 Calendar Period Jan-Jun 11.0 11.0 31 Product of 2012 Months X VOM Rate Lines 29 x 30 \$ 32.01 \$ 32.01 32 Weighted Variable O&M Rate per MWh Lines(28+31)/12 \$ 2.91 \$ 2.91 | 22 | Adjusted Base Revenue per MWh (\$) | Line 12 | \$ 59.20 | \$ | 47.76 |
| Net Lost Revenue Rate for Rate Period 25 Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 26 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 \$ 2.86 27 Months in 2011 Calendar Period Jul-Dec 1.0 1.0 28 Product of 2011 Months X VOM Rate Lines 26 x 27 \$ 2.86 \$ 2.86 29 2012 Rate Variable O&M Rate per MWh From CSP Study \$ 2.91 \$ 2.91 30 Months in 2012 Calendar Period Jan-Jun 11.0 11.0 31 Product of 2012 Months X VOM Rate Lines 29 x 30 \$ 32.01 \$ 32.01 32 Weighted Variable O&M Rate per MWh Lines(28 + 31)/12 \$ 2.91 \$ 2.91 | 23 | 2011 Rate Variable O&M Rate per MWh | Line 17 | 2.86 | | 2. <u>8</u> 6 |
| 25 Adjusted Base Revenue per MWh (\$) Line 12 \$ 59.20 \$ 47.76 26 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 \$ 2.86 27 Months in 2011 Calendar Period Jul-Dec 1.0 1.0 28 Product of 2011 Months X VOM Rate Lines 26 x 27 \$ 2.86 \$ 2.86 29 2012 Rate Variable O&M Rate per MWh From CSP Study \$ 2.91 \$ 2.91 30 Months in 2012 Calendar Period Jan-Jun 11.0 11.0 31 Product of 2012 Months X VOM Rate Lines 29 x 30 \$ 32.01 \$ 32.01 32 Weighted Variable O&M Rate per MWh Lines(28 + 31)/12 \$ 2.91 \$ 2.91 | 24 | Net per MWh Rate for Prospective Period | Lines 22 - 23 | \$ 56.34 | \$ | 44.90 |
| 26 2011 Rate Variable O&M Rate per MWh From CSP Study \$ 2.86 \$ 2.86 27 Months in 2011 Calendar Period Jul-Dec 1.0 1.0 28 Product of 2011 Months X VOM Rate Lines 26 x 27 \$ 2.86 \$ 2.86 29 2012 Rate Variable O&M Rate per MWh From CSP Study \$ 2.91 \$ 2.91 30 Months in 2012 Calendar Period Jan-Jun 11.0 11.0 31 Product of 2012 Months X VOM Rate Lines 29 x 30 \$ 32.01 \$ 32 Weighted Variable O&M Rate per MWh Lines(28 + 31)/12 \$ 2.91 \$ 2.91 | | Net Lost Revenue Rate for Rate Period | | | | |
| 27 Months in 2011 Calendar Period Jul-Dec 1.0 1.0 28 Product of 2011 Months X VOM Rate Lines 26 x 27 \$ 2.86 \$ 29 2012 Rate Variable O&M Rate per MWh From CSP Study \$ 2.91 \$ 2.91 30 Months in 2012 Calendar Period Jan-Jun 11.0 11.0 31 Product of 2012 Months X VOM Rate Lines 29 x 30 \$ 32.01 \$ 32 Weighted Variable O&M Rate per MWh Lines(28 + 31)/12 \$ 2.91 \$ 2.91 | 25 | Adjusted Base Revenue per MWh (\$) | Line 12 | \$ 59.20 | \$ | 47.76 |
| 28 Product of 2011 Months X VOM Rate Lines 26 x 27 \$ 2.86 \$ 2.86 29 2012 Rate Variable O&M Rate per MWh From CSP Study \$ 2.91 \$ 2.91 30 Months in 2012 Calendar Period Jan-Jun 11.0 11.0 31 Product of 2012 Months X VOM Rate Lines 29 x 30 \$ 32.01 \$ 32 Weighted Variable O&M Rate per MWh Lines(28 + 31)/12 \$ 2.91 \$ 2.91 | | · | From CSP Study | \$ | \$ | |
| 29 2012 Rate Variable O&M Rate per MWh From CSP Study \$ 2.91 \$ 2.91 30 Months in 2012 Calendar Period Jan-Jun 11.0 11.0 31 Product of 2012 Months X VOM Rate Lines 29 x 30 \$ 32.01 \$ 32.01 32 Weighted Variable O&M Rate per MWh Lines(28 + 31)/12 \$ 2.91 \$ 2.91 | 27 | | Jul-Dec | | | |
| 30 Months in 2012 Calendar Period Jan-Jun 11.0 11.0 31 Product of 2012 Months X VOM Rate Lines 29 x 30 \$ 32.01 \$ 32.01 32 Weighted Variable O&M Rate per MWh Lines (28 + 31)/12 \$ 2.91 \$ 2.91 | 28 | Product of 2011 Months X VOM Rate | Lines 26 x 27 | \$ 2.86 | \$ | 2.86 |
| 31 Product of 2012 Months X VOM Rate Lines 29 x 30 \$ 32.01 \$ 32.01 32 Weighted Variable O&M Rate per MWh Lines(28 + 31)/12 \$ 2.91 \$ 2.91 | | · | From CSP Study | \$ | \$ | |
| 32 Weighted Variable O&M Rate per MWh Lines(28 + 31)/12 \$ 2.91 \$ 2.91 | | | Jan-Jun | | | |
| | 31 | Product of 2012 Months X VOM Rate | Lines 29 x 30 | \$ 32.01 | \$ | 32.01 |
| 33 Net per MWh Rate for Rate Period Calculations Lines 25 - 32 \$ 56.29 \$ 44.86 | | · · · · · · · · · · · · · · · · · · · | Lines(28 + 31)/12 | | | |
| | 33 | Net per MWh Rate for Rate Period Calculations | Lines 25 - 32 | \$ 56.29 | \$ | 44.86 |

¹All revenue and sales values are based on calendar year 2007 (DSM/EE Baseline)

Calculation of <u>Revised</u> Program Performance Incentive

| | | | Resi | dential Home |
|------|---|--|-------------|--------------|
| 200 | 9 Vintage | | | Energy |
| 200 | 5 viiituge | | lm | provement |
| 1 | Present Value of Avoided Costs | W/P D-5A | \$ | 3,417,121 |
| 2 | Present Value of Program Costs | Docket E-2, Sub 977 | | 2,809,135 |
| 3 | Net Program Benefits | | \$ | 607,986 |
| 4 | NC Allocation Factor | Line C | | 84.98% |
| 5 | NC Allocated Utility Cost Test | Lines 3 X 4 | \$ | 516,639 |
| 6 | DSM Program Incentive at 8% | Lines 5 X 8% | | |
| 7 | EE Program Incentive at 13% | Lines 5 X 13% | \$ | 67,163 |
| 8 | Program Performance Incentive (PPI) | Lines 6 + 7 | \$ | 67,163 |
| 9 | Income Tax Rate | Docket E-2, Sub 977 | | 37.68% |
| 10 | Income Taxes | - (Lines 8 X 9) | \$ | (25,307) |
| 11 | Net-of-Tax PPI - Total NPV | Lines 9 + 10 | \$ | 41,856 |
| 12 | Rev Vintage Year 2009 - Year 1 PPI | <u>Line 11 x 0.088693 x (1 + 0.088693)</u> ** (1 + 0.088693) ¹⁰ - 1 | \$ | 6,485 |
| 13 | Income Tax Gross-Up Factor | 1 - Line 9 | | 62.32% |
| 14 | Adjusted PPI | Line 12/Line 13 | \$ | 10,405 |
| 15 | PPI Values for Test Period | Line 14 | \$ | 10,405 |
| 16 | Original Vintage 2009 PPI | Docket E-2, Sub 977 | | 52,551 |
| 17 | PPI Over / (Under) Collection | Line 16 - Line 15 | \$ | 42,146 |
| 18 | Interest at 8.8693 Percent | Line 17 X Line 8.8693% | | 3,738 |
| | Collection Midpoint to Refund Midpoint (6/1/11 to 6/1/12) | | | |
| 19 | PPI Overcollection with Interest | Line 17 + Line 18 | \$ | 45,884 |
| Allo | cation Factors | | | |
| Α | 01-2009 thru 04-2009 | Docket E-2, Sub 977 | | 84.81% |
| В | 05-2009 thru 12-2009 | Docket E-2, Sub 977 | | 85.06% |
| c | Weighted Allocation | (Line A x 4 + Line B x 8) / 12 | | 84.98% |

PEC Residential Home Energy Improvement - Vintage Year-2009

| | BENEFITS | | | | | | | | | |
|----------------|--------------------|------------------|------------------|-------------------------|--|--|--|--|--|--|
| | (1) | (2) | (3) | (4) | | | | | | |
| | TOTAL | AVOIDED | AVOIDED | | | | | | | |
| | FUEL & O&M | T&D CAP. | GEN. CAP. | TOTAL | | | | | | |
| YEAR | SAVINGS \$(000) | COSTS \$(000) | COSTS \$(000) | BENEFITS \$(000) | | | | | | |
| 2009 | 98 | 92 | 117 | 306 | | | | | | |
| 2010 | 101 | 73 | 93 | 267 | | | | | | |
| 2011 | 106 | 76 | 96 | 278 | | | | | | |
| 2012 | 110 | 78 | 98 | 287 | | | | | | |
| 2012 | 139 | 80 | 101 | 320 | | | | | | |
| 2013 | 146 | 83 | 104 | 333 | | | | | | |
| 2015 | 158 | 85 | 104 | 350 | | | | | | |
| 2015 | 168 | 87 | 111 | 366 | | | | | | |
| 2017 | 182 | 90 | 114 | 385 | | | | | | |
| 2017 | 202 | 92 | 114 | 303 412 | | | | | | |
| 2018 | 190 | 94 | 121 | 406 | | | | | | |
| 2019 | 190 178 | 97 | 125 | | | | | | | |
| | | | | 399 416 | | | | | | |
| 2021 | 188 | 100 | 128 | 416 | | | | | | |
| 2022 | 210 | 102 | 132 136 | 445 | | | | | | |
| 2023 | 223 | 105 | | 464 | | | | | | |
| 2024 | 144 | 5 9 | 76 70 | 280 | | | | | | |
| 2025 | 152 | 60 | 79 | 291 | | | | | | |
| 2026 | 165 | 62 | 81 | 308 | | | | | | |
| 2027 | 104 | 35 | 46 | 185 | | | | | | |
| 2028 | 110 | 36 | 47 | 193 | | | | | | |
| 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 | | | | | | |
| NOMINAL | 3,074 | 1,586 | 2,031 | 6,692 | | | | | | |
| NPV | 1,496 | 845 | 1,077 | 3,417 | | | | | | |
| Present Value: | | i=8.46% | | 3,417,121 | | | | | | |

Workpapers

Section R – DSM/EE Revenues

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

| A. | NC | DSM | Program | Recovery | , |
|----|----|-----|---------|----------|---|
|----|----|-----|---------|----------|---|

| | | | | | | | G | eneral Service | | | | | u | ghting | | | | |
|----|-----------------|-------------------|-----------|--------------|----|----------------|----|-----------------------|----|--------------|---------|-------------|-------|--------------|----|--------------|----------|--------------|
| | | | _ | Residential | В | illing Amounts | 9 | pt-Out Credits | | Net Billings | Billing | g Amounts | Opt-C | ut Credits | | Vet Billings | | Total |
| 1 | Apr-10 | Per Books | \$ | 158,895.25 | \$ | 86,998.98 | \$ | (44,656.02) | \$ | 42,342.96 | \$ | - | \$ | - | 3 | • | \$ | 201,238.21 |
| 2 | May-10 | Per Socks | | 144,852.65 | | 84,904.50 | | (43,694.66) | | 41,209.84 | | - | | - | | - | | 186,062.49 |
| 3 | Jun-10 | Per Books | | 213,861.00 | | 101,247.79 | | (49,989.95) | | 51,257.84 | | • | | - | | - | | 265,118.84 |
| 4 | Jul-10 | Per Books | | 271,777.86 | | 108,431.31 | | (50,911.95) | | \$7,519.36 | | - | | - | | - | | 329,297.22 |
| 5 | Aug-10 | Per Books | | 267,416.15 | | 110,977.38 | | (54,193.16) | | 56,784.22 | | - | | • | | - | | 324,200.37 |
| 6 | Sep-10 | Per Books | | 232,159.55 | | 108,311.62 | | (52,617.29) | | 55,694.33 | | - | | - | | • | | 287,853.88 |
| 7 | Oct-10 | Per Books | | 161,585.35 | | 92,785.04 | | (47,067.48) | | 45,717.56 | | - | | - | | - | | 207,302.91 |
| 8 | Nov-10 | Per Books | | 145,772.23 | | 85,360.03 | | (46,152.22) | | 39,207.81 | | - | | - | | - | | 184,980.04 |
| 9 | Dec-10 | Per Books | | 344,883.73 | | 106,163.30 | | (51,282.74) | | 54,880.56 | | - | | - | | - | | 399,764.29 |
| 10 | Jan-11 | Per Books | | 572,895.27 | | 129,130.62 | | (60,258.45) | | 68,872.17 | | - | | - | | - | | 641,767.44 |
| 11 | Feb-11 | Per Books | | 431,453.47 | | 126,525.61 | | (65,465.77) | | 61,059.84 | | - | | - | | - | | 492,513.31 |
| 12 | Mar-11 | Per Books | _ | 332,200.00 | _ | 121,888.56 | _ | (63,486.86) | _ | 58,401.70 | | | | | | | | 390,601.70 |
| 13 | Period Totals | I lines 1 thru 12 | <u>\$</u> | 3,277,752.51 | \$ | 1,262,724.74 | \$ | (629,776 <u>.5</u> 5) | 5 | 632,948.19 | \$ | | \$ | <u>.</u> | \$ | | <u>s</u> | 3,910,700.70 |
| 14 | PrevProspective | I Lunes 1 thru 4 | <u>\$</u> | 789,386.76 | \$ | 381,582.58 | \$ | (189,252 <u>.5</u> 8) | 5 | 192,330.00 | \$ | | \$ | - | \$ | <u> </u> | \$ | 981,716.76 |

B. NC DSDR Program Recovery

| | | | | | General Service | | | Lighting | | |
|----|---------------|--------------------|-----------------|------------------|-------------------|-----------------|-----------------|------------------|------------------|---------------|
| | | | Residential | Billing Amounts | Opt-Out Credits | Net Billings | Billing Amounts | Opt-Out Credits | Net Billings | Totai |
| 15 | Apr-10 | Per Books | \$ 422,671.83 | \$ 717,019.19 | \$ (368,804.34) | \$ 348,214.85 | \$ 17,881.53 | \$ (502.21) | \$ 17,379.32 \$ | 788,266.00 |
| 16 | May-10 | Per Books | 379,457.31 | 688,957.10 | (356,173.06) | 332,784.04 | 17,700.16 | (498.35) | 17,201.81 | 729,443.16 |
| 17 | Jun-10 | Per Socia | 560,242.83 | 817,756.90 | (403,758.90) | 413,998.00 | 17,711.42 | (519.64) | 17,191.78 | 991,432.61 |
| 18 | Jul-10 | Per Books | 711,957.17 | 875,860.85 | (411,216.62) | 464,644.23 | 17,679.91 | (501.24) | 17,178.67 | 1,193,780.07 |
| 19 | Aug-10 | Per Books | 700,534.49 | 896,228.93 | (437,713.97) | 458,514.96 | 17,704.85 | (520.09) | 17,184.76 | 1,176,234.21 |
| 20 | Sep-10 | Per Books | 608, 172.65 | 874,923.63 | (424,989.06) | 449,934.57 | 17,707.03 | (504.11) | 17,202.92 | 1,075,310.14 |
| 21 | Oct-10 | Per Books | 423,285.24 | 749,432.02 | (380,154.22) | 369,277.80 | 17,740.53 | (496.99) | 17,243.54 | 809,806.58 |
| 22 | Nov-10 | Per Books | 381,871.41 | 688,999.48 | (372,869.87) | 316,129.61 | 17,739.86 | (510.00) | 17,229.86 | 715,230.88 |
| 23 | Dec-10 | Per Books | 924,145.34 | 966,207.80 | (461,565.82) | 504,641.98 | 22,507.85 | (622.54) | 21,885.31 | 1,450,672.63 |
| 24 | Jan-11 | Per Books | 1,557,286.49 | 1,290,548.01 | (588,570.33) | 701,977.68 | 28,379.02 | (804.45) | 27,574.57 | 2,286,838.74 |
| 25 | Feb-11 | Per Backs | 1,172,830.40 | 1,290,543.58 | (667,751.98) | 622,791.60 | 28,407.28 | (803.21) | 27,604.07 | 1,823,226.07 |
| 26 | Mar-11 | Per Books | 903,022.48 | 1,243,216.62 | (647,608.50) | 595,608.12 | 28,437.74 | (81 <u>3.96)</u> | 27,623.78 | 1,526,254.38 |
| 27 | Period Totals | I Lines 15 thru 26 | \$ 8,745,477.64 | \$ 11,099,694.11 | \$ (5,521,176.67) | \$ 5,578,517.44 | \$ 249,597.18 | \$ (7,096.79) | \$ 242,500.39 \$ | 14,566,495.47 |

28 PrevProspective I Umr 15 thru 16 \$ 2,074,329.14 \$ 3,099,594.04 \$ (1,539,952.92) \$ 1,559,641.12 \$ 70,973.02 \$ (2,021.44) \$ 68,951.58 \$ 3,702,921.84

C. NC EE Program Recovery

| | EL FIOBIGITI INCO | | | | | | | | | | | | | _ | | | |
|----|-------------------|--------------------|-----------|--------------|----------|----------------|----|-----------------|----|--------------|--------|-----------|-------|------------|----|--------------|---------------------------|
| | | | | | | | | General Service | | | | | u | ting_ | | | |
| | | | | Residential | - 6 | illing Amounts | (| Opt-Out Credits | | Net Billings | Billin | g Amounts | Opt-0 | ut Credits | N | let Billings | Total |
| 29 | Apr-10 | Per Books | 5 | 179,250.92 | \$ | 357,163.85 | 5 | (183,816.21) | \$ | 173,347.64 | \$ | • | \$ | • | \$ | - | \$ 352,598.56 |
| 30 | May-10 | Per Books | | 159,958.64 | | 341,609.92 | | (176,856.48) | | 164,753.44 | | | | - | | - | 324,712.08 |
| 31 | Jun-10 | Per Books | | 236,168.23 | | 404,977.94 | | (199,954.04) | | 205,023.90 | | • | | • | | - | 441,192.13 |
| 32 | Jul-10 | Per Books | | 300,122.44 | | 433,791.45 | | (203,652.34) | | 230,139.11 | | - | | • | | - | 530,261.55 |
| 33 | Aug-10 | Per Books | | 295,307.41 | | 443,788.61 | | (216,772.63) | | 227,015.98 | | | | - | | - | 522,323.39 |
| 34 | Sep-10 | Per Books | | 256,372.54 | | 433,340.30 | | (210,472.19) | | 222,868.11 | | - | | • | | - | 479,240.65 |
| 35 | Oct-10 | Fer Books | | 178,433.58 | | 371,151.62 | | (188,263.96) | | 182,887.66 | | - | | - | | - | 361,321.24 |
| 36 | Nov-10 | Per Books | | 160,976.35 | | 341,009.90 | | (184,707.02) | | 156,302.88 | | - | | • | | - | 317,279.23 |
| 37 | Dec-10 | Fer Books | | 785,890.75 | | 547,578.51 | | (258,664.30) | | 288,914.21 | | - | | • | | - | 1,075,804.96 |
| 38 | Jan-11 | Per Books | | 1,742,756.87 | | 796,376.81 | | (356,188.33) | | 440,188.48 | | - | | • | | - | 2,182, 9 45.35 |
| 39 | Feb-11 | Per Books | | 1,312,672.43 | | 809,744.07 | | (418,982.18) | | 390,761.89 | | - | | • | | - | 1,703,434.32 |
| 40 | Mar-11 | Per Bosiu | _ | 1,010,596.01 | | 780,032.01 | _ | (406,365.01) | _ | 373,667.00 | | | | | | | 1,384,263.01 |
| 41 | Period Totals | I Lines 29 thru 4g | <u>\$</u> | 6,619,506.17 | <u> </u> | 6,060,564.99 | \$ | (3,004,694,69) | \$ | 3,055,870.30 | \$ | | \$ | | \$ | | \$ 9,675,376.47 |
| 42 | PrevProspective | I Lines 29 thru 32 | Ś | 875.500.23 | s | 1,537,543,16 | Ś | (764,279.07) | \$ | 773,264.09 | \$ | - | \$ | | \$ | - | \$ 1,648,764.32 |

Progress Energy Carolinas, Inc. Test Period DSM/EE Cost Recovery Summary (\$)

D. NC Total DSM/DSDR/EE Recovery

| | | | | | General Service | | | Lighting | | |
|----|-----------------|---------------------|--------------------------|------------------|-------------------|-----------------|-----------------|-----------------|------------------------|---------------------|
| | | | Residential | Billing Amounts | Opt-Out Credits | Net Billings | Billing Amounts | Opt-Out Credits | Net Billings | Total |
| 43 | Apr-10 | I Lines 1, 15 & 29 | \$ 760,818.00 | \$ 1,161,182.02 | \$ (597,276.57) | \$ 563,905.45 | \$ 17,881.53 | \$ (502.21) | \$ 17,379.32 | \$ 1,342,102.77 |
| 44 | May-10 | I (unes 2, 16 & 30 | 684,268.60 | 1,115,471.52 | (576,724.20) | 538,747.32 | 17,700.16 | (498.35) | 17,201.81 | 1,240,217.73 |
| 45 | Jun-10 | 1 Unes 3, 17 & 31 | 1,010,272.06 | 1,323,982.63 | (653,702.89) | 670,279.74 | 17,711.42 | (519.64) | 17,191.78 | 1,697,743.58 |
| 46 | Jul-10 | 2 Lines 4, 18 & 32 | 1,283,857.47 | 1,418,083.61 | (665,780.91) | 752,302.70 | 17,679.91 | (501.24) | 17,178.67 | 2,053,338.84 |
| 47 | Aug-10 | 1 lines 5, 19 & 33 | 1,263,258.05 | 1,450,994.92 | (708,679.76) | 742,315.16 | 17,704.85 | (520.09) | 17,184.76 | 2,022,757.97 |
| 48 | Sep-10 | I Uner 6, 20 & 34 | 1,096,704.74 | 1,416,575.55 | (688,078.54) | 728,497.01 | 17,707.03 | (504.11) | 17,202. 9 2 | 1,842,404.67 |
| 49 | Oct-10 | I lines 7, 21 & 35 | 763,304.17 | 1,213,368.68 | (615,485.66) | 597,883.02 | 17,740.53 | (496.99) | 17,243.54 | 1,378,430.73 |
| 50 | Nov-10 | I Unes & 22 & 96 | 688,619.99 | 1,115,369.41 | (603,729.11) | 511,640.30 | 17,739.86 | (510.00) | 17,229.86 | 1,217,490.15 |
| 51 | Dec-10 | 2 Lines 9, 23 & 37 | 2,055,919.82 | 1,619,949.61 | (771,512.86) | 848,436.75 | 22,507.85 | (622.54) | 21,885.31 | 2,926,241.88 |
| 52 | Jan-11 | I Lines 10, 24 & 38 | 3,872,938.63 | 2,216,055.44 | (1,005,017.11) | 1,211,038.33 | 28,379.02 | (804.45) | 27,574.57 | 5,111,551.53 |
| 53 | Feb-11 | I Lines 11, 25 & 39 | 2,916,956.30 | 2,226,813.26 | (1,152,199.93) | 1,074,613.33 | 28,407.28 | (803.21) | 27,604.07 | 4,019,173.70 |
| 54 | Mar-11 | I Lines 12, 36 & 40 | 2,245,818.49 | 2,145,137.19 | (1,117,450.37) | 1,027,676.82 | 28,437.74 | (813.96) | 27,623.78 | 3,301,119.09 |
| 55 | Period Totals | I Lines 43 thru \$4 | \$ 18,642,736.32 | \$ 18,422,983.84 | \$ (9,155,647.91) | \$ 9,267,335.93 | \$ 249,597.18 | \$ (7,096.79) | \$ 242,500.39 | \$ 28,152,572.64 |
| 56 | PrevProspective | 2 Lines 43 thru 46 | \$ 3,739,216 <u>.1</u> 3 | \$ 5,018,719.78 | \$ (2,493,484.57) | \$ 2,525,235.21 | \$ 70,973.02 | \$ (2,021.44) | \$ 68,951.58 | \$ 6,333,402.92 |

E. NC Prospective Period DSM/DSDR/EE Recoveries

| (I) Actual/Estimated Sales | | | | | | | G | eneral Service | | | | | | Lighting | | | | |
|----------------------------|------------------|------------------------------------|----------|--------------|----------|--------------------|----|------------------------|----------|--------------------|----------|-------------------|----------|------------------|-----------------|-------------------|----------|-------------------------------------|
| | | | | Residential | Bil | iling Amounts | 0 | pt-Out Credits | | Net Billings | Bi | lling Amounts | Op | t-Out Credits | | Net Billings | | Total |
| 57 | Apr-11 | Actual-Per Books | | ,005,237,761 | | 1,634,492,057 | | (867,620,270) | | 766,871,787 | | 36,945,888 | | (1,031,588) | | 35,914,300 | | 1,808,023,848 |
| 58 | May-11 | E-Z, Sub 977 | | 938,712,781 | 1 | 1,729,786,330 | | (786,664,094) | | 943,122,236 | | 37,726,756 | | (600,894) | | 37,125,862 | | 1,918,960,879 |
| 59 | Jun-11 | €-2, 5ub 977 | 1 | ,264,258,813 | 1 | L,792,210,246 | | (906,069,386) | | 886,140,860 | | 36,663,184 | | (616,961) | | 36,046,223 | | 2,186,445,896 |
| 60 | Jul-11 | E-2, Sub 977 | 1 | ,558,217,018 | 1 | L,904,041,675 | | (899,619,804) | | 1,004,421,871 | | 38,534,418 | | (632,243) | | 37,902,175 | | 2,600,541,064 |
| (11) | Actual/Estimate | ed Revenue | | | | | | | | | | | | | | | | |
| • | . | | _ | | | 2.00.02 | | 0.004.77 | | 0.00477 | _ | | _ | | | | | |
| 61 | Rates w/o GRT | E-2, Sub 977 | \$ | 0.00192 | \$ | 0.00132 | \$ | 0.00132 | \$ | 0.00132 | \$ | 0.00077 28.449 | \$ | 0.00077 | <u>\$</u> \$ | 0.00077 27.655 | s | Total 2,969,924 |
| 62 | Apr-11 | Actuel-Per Books | \$ | 1,930,020 | \$ | 2,157,502 | \$ | (1,145,253) | \$ | 1,012,249 | \$ | , | > | (794) | Þ | 27,055 28,587 | 3 | 2,969,924 3,075,837 |
| 63 | May-11 | Lines 58 = 62 | | 1,802,329 | | 2,283,318 | | (1,038,397) | | 1,244,921 | | 29,050 | | (463) | | | | 3,624,838 |
| 64 | Jun-11 Jul-11 | Lines 59 x 61 | | 2,427,377 | | 2,365,718 | | (1,196,012) | | 1,169,706 | | 28,231 | | (475) | | 27,756 | | 3, 024, 036 4,346,798 |
| 65 | | Lines 60 = 62 | _ | 2,991,777 | _ | 2,513,335 | _ | (1,187,498) | Ţ | 1,325,837 | <u>_</u> | 29,672 | <u> </u> | (487) | -\$ | 29,185 | -5 | |
| 66 | Totai | I Lines 61 thru 6\$ | \$ | 9,151,502 | \$ | 9,319,873 | \$ | (4,567,159) | \$ | 4,752,714 | \$ | 115,401 | \$ | (2,219) | > | 113,182 | > | 14,017,398 |
| 67 | DSMS | Morch 2011 %a | | 14.79% | | 5.68% | _ | 5.68% | _ | 5.68% | _ | 0.00% | _ | 0.00% | _ | 0.00% | _ | Total |
| 68 | Apr-11 | Actual-Per Books | 5 | 285,484 | 5 | 122,586 | Ś | (65,071) | \$ | 57,515 | 5 | | <u>s</u> | | 5 | | \$ | 342,998 |
| 69 | May-11 | Lines 58 = 67 | • | 266,599 | • | 129,740 | | (58.995) | | 70.747 | • | _ | - | _ | | - | | 337,347 |
| 70 | Jun-11 | Lines 59 z 67 | | 359.056 | | 134,422 | | (67.950) | | 66,473 | | - | | - | | - | | 425,529 |
| 71 | Jul-11 | Lines 60 x 67 | | 442,542 | | 142,810 | | (67,456) | | 75,346 | | - | | - | | _ | | 517,887 |
| 72 | Total | I Lines 67 thru 71 | \$ | 1,353,681 | \$ | 529,558 | \$ | (259,482) | \$ | 270,081 | \$ | - | 5 | - | \$ | - | s | 1,623,762 |
| 73 | DSDRS | Morth 2011 No | _ | 40.21% | _ | 57,96% | | 57.95% | — | 57.96% | _ | 100,00% | _ | 100.00% | - | 100.00% | | Total |
| 74 | Apr-11 | Actual-Per Books | 5 | 776.033 | \$ | 1,250,372 | s | (663,726) | 5 | | Ś | 28.449 | <u> </u> | (794) | s | 27.655 | Š | 1,390,333 |
| 75 | May-11 | Unes 58 x 73 | 7 | 724,599 | • | 1,323,299 | • | (603,720) | * | 721.516 | ٠ | 29,050 | • | (463) | • | 28,587 | _ | 1,474,802 |
| 76 | Jun-11 | Lines 58 x 73 | | 976,025 | | 1.371.054 | | (693.132) | | 677,924 | | 28,231 | | (475) | | 27,756 | | 1,681,705 |
| 77 | Jul-11 | Lines 60 x 73 | | 1.202,965 | | 1,456,606 | | (688,198) | | 768,412 | | 29,672 | | (487) | | 29,185 | | 2,000,562 |
| 78 | Total | 2 lunes 74 thru 77 | \$ | 3,679,723 | \$ | 5,401,331 | \$ | (2,646,844) | \$ | 2,754,497 | Ş | 115,401 | \$ | (2,219) | \$ | 113,182 | \$ | 6,547,402 |
| 79 | EE\$ | | | 45,00% | | 36.36% | | 36.37% | | 36,36% | _ | 0.00% | | 0.00% | | 0.00% | | |
| 80 | Apr-11 | March 2011 %s Acrual-Per Books | 5 | 868,504 | 5 | | -5 | (416,455) | <u> </u> | 368.089 | 5 | 0.00% | <u>-</u> | 0.0076 | -5 | | <u>-</u> | 1,236,593 |
| | | | Þ | 811.030 | 7 | 784,545 830,278 | Þ | (377,613) | ş | 452,658 | 7 | | 9 | - | , | - | 3 | 1,263,688 |
| 81 82 | May-11 Jun-11 | Lines 58 × 79 | | 1,092,296 | | 850,278 860,241 | | (434,930) | | 452,658 425,309 | | • | | - | | | | 1,203,666 |
| 82 | Jun-11 Jul-11 | Lines 59 × 79 Lines 60 × 79 | | 1,346,270 | | 913,919 | | (434,930) (431,834) | | 425,309 482,079 | | - | | _ | | - | | 1,828,349 |
| 84 | Total | (10es 80 v 79 5 Unes 80 thru 83 | <u>s</u> | 4,118,099 | <u> </u> | 3,388,983 | 5 | (1,660,833) | <u> </u> | 1,728,136 | <u> </u> | - | 5 | — - - | <u>s</u> | | 5 | 5,846,235 |
| 04 | lUlai | T (tues in part g) | 7 | 4,110,U39 | • | 3,300,263 | 7 | (1,000,033) | 7 | 1,720,130 | 7 | • | 7 | - | 7 | • | Ą | 3,0-0,233 |

F. NC Adjusted Test Period Revenues

| | | | | | | | G | eneral Service | | | | | | Lighting | | | | |
|----|--------|---------------------|----|-------------|----|--------------|----|----------------|----|--------------|------|-------------|----|----------------|----|--------------|----|------------|
| | | | | Residential | 81 | ling Amounts | Ö | pt-Out Credits | | Net Billings | Bill | ing Amounts | _0 | ot-Out Credits | _ | Net Billings | | Total |
| 85 | DSM\$ | Lunes 19 - 24 + 72 | 5 | 3,842,046 | \$ | 1,410,700 | \$ | (700,006) | 5 | 710,699 | \$ | - | \$ | - | 3 | • | \$ | 4,552,745 |
| 86 | DSDR\$ | Lines 27 - 28 • 79 | | 10,350,871 | | 13,401,431 | | (6,628,068) | | 6,773,373 | | 294,025 | | (7,294) | | 286,731 | | 17,410,975 |
| 87 | EE\$ | (ings 41 - 47 + 84 | | 9,862,105 | | 7,912,005 | | (3,901,249) | | 4,010,742 | | | | | _ | | _ | 13,872,847 |
| 88 | Total | I Lines 83 thru 87 | \$ | 24,055,022 | \$ | 22,724,137 | \$ | (11,229,322) | \$ | 11,494,814 | \$ | 294,025 | \$ | (7,294) | \$ | 286,731 | \$ | 35,836,567 |
| 89 | DSM% | (max 65 / 86 | | 15.97% | | 6.21% | | 6.23% | | 6.18% | | 0.00% | | 0.00% | | 0.00% | | 12.70% |
| 90 | DSDR% | unes 86 / 88 | | 43.03% | | 58.97% | | 59.02% | | 58.93% | | 100.00% | | 100.00% | | 100.00% | | 48.58% |
| 91 | EE% | Unes 87 / 88 | | 41.00% | | 34.82% | | _34.74% | | 34.89% | | 0.00% | | 0.00% | _ | 0.00% | | 38.71% |
| 92 | Total | I Lines 89 thru 93 | | 100.00% | | 100.00% | | 100.00% | | 100.00% | | 100.00% | | 100.00% | | 100.00% | | 100.00% |

Progress Energy Carolinas, Inc. Test Period DSM/EE EMF Recovery Summary (5)

| | | | | | | | Ger | neral Service | | | | | Lighting | | | |
|----|-----------------|-------------------|----|----------------|-----------|---------------|-----|---------------|--------------------|-----|--------------|-----|--------------|----|-------------|----------------------|
| | | | | Residential | Bi | lling Amounts | Opt | t-Out Credits | Net Billings | Bif | ling Amounts | Opt | -Out Credits | N | et Billings | Total |
| 1 | Apr-10 | Per Books | \$ | (153,633.57) | \$ | (10,766.39) | \$ | 3,862.23 | \$ (6,904.16) | \$ | | \$ | • | \$ | | \$ (160,537.73) |
| 2 | May-10 | Per Books | | (172,385,89) | | (33,585.01) | | 13,930.79 | (19,654.22) | | - | | - | | - | (192,040.11) |
| 3 | Jun-10 | Per State | | (254,538.99) | | (48,676.55) | | 24,034,31 | (24,642.24) | | - | | - | | - | (279,181.23) |
| 4 | Jul-10 | Per Books | | (323,463.76) | | (52,125.28) | | 24,476.90 | (27,648.38) | | - | | - | | - | (351,112.14) |
| 5 | Aug-10 | Per Beaks | | (318,276.76) | | (53,363.15) | | 26,054,40 | (27,308.75) | | - | | - | | - | (345,585.51) |
| 6 | Sep-10 | Per Books | | (276,312.81) | | (52,062.34) | | 25,296.09 | (26,766.25) | | - | | - | | - | (303,079.06) |
| 7 | Oct-10 | Per Books | | (192,309.86) | | (44,592.12) | | 22,628.67 | (21,963.45) | | - | | - | | - | (214,273.31) |
| 8 | Nov-10 | Per Books | | (173,496.39) | | (41,040.86) | | 22,187.97 | (18,852.89) | | - | | - | | - | (192,349.28) |
| 9 | Dec-10 | Per Books | | (151,522.67) | | (47,583.96) | | 23,151,45 | (24,432.51) | | - | | - | | - | (175,955.18) |
| 10 | Jan-11 | Per Books | | 26,153.61 | | (54,216.21) | | 25,734.76 | (28,481.45) | | - | | - | | - | (2,327.84) |
| 11 | Feb-11 | Per Books | | 19,793.05 | | (52,298.27) | | 27,059.15 | (25,239.12) | | - | | - | | - | (5,446.07) |
| 12 | Mar-11 | Per Books | _ | 15,177.57 | | (50,380.60) | | 26,244.34 | (24,136,26) | | <u> </u> | | | | <u> </u> | (8,958.69) |
| 13 | Period Totals | I Louis 1 thru 17 | \$ | (1,954,816.47) | <u>\$</u> | (540,690.74) | \$ | 264,661.06 | \$ (276,029.68) | \$ | <u>.</u> | \$ | ·········· | \$ | <u>.</u> | \$ (2,230,846.15) |
| 14 | PrevProspective | I Lines 1 thru 4 | \$ | (904,022.21) | \$ | (145,153.23) | \$ | 66,304.23 | \$ (78,849.00) | \$ | | \$ | | 5 | <u> </u> - | \$ (982,871.21) |

B. NC DSDR EMF Recovery

| D. 140 | DODU FIAIL MOCOA | -17 | | | | | | | | |
|--------|------------------|---------------------|-------------------|----------------------|-----------------|---------------------|-----------------|------------------|--------------|----------------|
| | | | | | General Service | | | Lighting | | |
| | | | Residential | Billing Amounts | Opt-Out Credits | Net Billings | Billing Amounts | Opt-Out Credits | Net Billings | Total |
| 15 | Apr-10 | Per Souks | \$ (122,254.11) | \$ (35,191.28) | \$ 17,708.21 | \$ (17,483.07) | \$ 7,032.69 | \$ (193.33) \$ | 6,839.36 \$ | (132,897.82) |
| 16 | May-10 | Per Sooks | (136,842.47) | (39,280.81) | 19,495.91 | (19,784.90) | 9,585.94 | (269.55) | 9,316.39 | (147,310.98) |
| 17 | Jun-10 | Per Busin | (202,056.76) | (48,677.39) | 24,034,03 | (24,643.36) | 9,593.70 | (281.47) | 9,312.23 | (217,387.89) |
| 18 | Jul-10 | Fer Books | (256,770.21) | (52,126.27) | 24,476.69 | (27,649.58) | 9,576.69 | (271.51) | 9,305.18 | {275,114.61} |
| 19 | Aug-10 | Per Socia | (252,652.70) | (53,361.97) | 26,0\$4.41 | (27,307.56) | 9,590.19 | (281.72) | 9,308.47 | (270,651.79) |
| 20 | Sep-10 | Per Books | (219,341.10) | (52,066.34) | 25,296.50 | (26,769.84) | 9,591.31 | (273.06) | 9,318.25 | (236,792.69) |
| 21 | Oct-10 | Per Souts | (152,658.28) | (44,604.44) | 22,628.89 | (21,975.55) | 9,609.59 | (269.20) | 9,340.39 | (165,293.44) |
| 22 | Nov-10 | Per Books | (137,723.96) | (41,059.34) | 22,183.80 | (18,875.54) | 9,609.09 | (276.25) | 9,332.84 | (147,266.66) |
| 23 | Dec-10 | Per Sants | (198,716.89) | (84,477.58) | 39,205,44 | (45,272.14) | 3,470.32 | (104.12) | 3,366,20 | (240,622.83) |
| 24 | Jan-11 | Per Socia | (193,685.62) | (138,161.82) | 60,281.13 | (77,880.69) | (4,052.36) | 114.48 | (3,937,88) | (275,504.19) |
| 25 | Feb-11 | Per Books | (145,824.52) | (143,390.44) | 74,194.88 | (69,195.56) | (4,058.30) | 114.74 | (3,943.56) | (218,963.64) |
| 26 | Mar-11 | Per Bagis | (112,307.78) | (138,121 <u>.92)</u> | 71,966,46 | (66,155.4 <u>6)</u> | (4,062.63) | 116.28 | (3,946.35) | (182,409.59) |
| 27 | Period Totals | I lires 14 thri: 25 | \$ (2,130,834.40) | \$ (870,519.60) | \$ 427,526.35 | \$ (442,993.25) | \$ 65,486.23 | \$ (1,874.71) \$ | 63,611.52 \$ | {2,510,216.13} |
| 28 | PrevProspective | I times 15 thry 18 | \$ (717,923.55) | \$ (175,275.75) | \$ 85,714.84 | \$ (89,560.91) | \$ 35,789.02 | \$ (1,015.86) \$ | 34,773.16 \$ | (772,711.30) |

C. NC EE EMF Recovery

| C. INC EC LIMP RECOVERY | | | | | | | | | | | | | | | | |
|-------------------------|-----------------|---------------------|----|--------------|----|-----------------|---|----------------|--------------------|----------|-----------------|----|---------------|------------------|----|--------------|
| | | | | | | | G | eneral Service | _ | | | | Lighting | | | |
| | | | | Residential | | Billing Amounts | | pt-Out Credits | Net Billings | \equiv | Billing Amounts | Op | t-Out Credits | Net Billings | | Total |
| 29 | Apr-10 | Per Books | \$ | (24,211.74) | \$ | (102,949.60) | 5 | 53,877.69 | \$ (49,071.91) | \$ | - | \$ | - | \$ - | \$ | (73,283.65) |
| 30 | May-10 | Per Books | | (19,550.70) | | (86,147.10) | | 46,411.41 | (39,735.69) | | • | | - | - | | (59,286.39) |
| 31 | Jun-10 | Per Rooks | | (28,865.58) | | (97,355.06) | | 48,067.37 | (49,287.69) | | - | | - | - | | (78,153.27) |
| 32 | Jul-10 | For Books | | (36,681.62) | | (104,257.94) | | 48,953.37 | (55,304.57) | | - | | - | - | | (91,986.19) |
| 33 | Aug-10 | Per Se cis | | (36,093.40) | | (106,714.87) | | 52,108.81 | (54,606.06) | | - | | - | - | | (90,699.46) |
| 34 | Sep-10 | Per Banks | | (31,334.44) | | (104,143.73) | | 50,593,70 | (53,550.03) | | - | | - | - | | (84,884.47) |
| 35 | Oct-10 | Per Besix | | (21,807.64) | | (89,225.73) | | 45,257.71 | (43,968.02) | | - | | - | • | | (65,775.66) |
| 36 | Nov-10 | Per Books | | (19,675.12) | | (82,116.18) | | 44,368.22 | (37,747.96) | | - | | - | - | | (57,423.08) |
| 37 | Dec-10 | Per Brais | | 35,584.31 | | (41,887.61) | | 23,110.99 | (18,776.62) | | - | | - | - | | 16,807.69 |
| 38 | Jan-11 | Per Beoks | | 147,234.29 | | 12,815.42 | | 1,569.23 | 14,384.65 | | - | | - | • | | 161,618.94 |
| 39 | Feb-11 | Per Books | | 110,918.05 | | 26,982.78 | | (13,966.63) | 13,016.15 | | - | | - | - | | 123,934.20 |
| 40 | Mar-11 | Per Books | | 85,380.73 | _ | 25,970.97 | _ | (13,571.37) | 12,399.60 | _ | | | · . | <u> </u> | | 97,780.33 |
| 41 | Period Totals | 1 Una 27 den 38 | \$ | 160,897.14 | \$ | (749,028.65) | ş | 386,780.50 | \$ (362,248.15) | \$ | <u>-</u> | ş | | \$ <u> </u> | \$ | (201,351.01) |
| 42 | PrevProspective | E Leves 29 thros 12 | \$ | (109,309.64) | \$ | (390,709.70) | 5 | 197,309.84 | \$ (193,399.86) | \$ | <u>-</u> | \$ | | \$ | \$ | (302,709.50) |
| | • | | | | | | | | | _ | | | _ | | _ | |

Total

Progress Energy Carolinas, Inc. Test Period DSM/EE EMF Recovery Summary (\$)

Net Billings

Billing Amounts

Lighting Opt-Out Credits

Net Billings

General Service Opt-Out Credits

D. NC Total DSM/DSDR/EE EMF Recovery

Residential

Billing Amounts

| 44 | Apr-10 | I Lines 2, 15 & 29 | \$ (300,099.42) | 5 | {148,907.27} | 3 | 75,448,13 | 5 | (73,459,14) | 5 | 7,032.69 | 5 | (193.33) | Ś | 6,839.36 | Ś | (366,719.20) |
|--|--|--|--|-------|--|----------------|--|-------|---|-----------|--|------------------------------|---|-----------|---|-------|---|
| | May-10 | 2 168 ي ويعوا (| (328,779.06) | | (159,012.92) | | 79,838.11 | | (79,174.81) | | 9,585.94 | - | (269.55) | - | 9,316.39 | • | (398,637.48) |
| 45 | Jun-10 | Lines 1, 17 & 11 | (485,461.33) | | (194,709.00) | | 96,135.71 | | (98,573.29) | | 9,593.70 | | (281.47) | | 9,312.23 | | (574,722.39) |
| 46 | Jul-10 | i (mm <, 18 å 12 | (616,915.59) | | (208,509.49) | | 97,906.96 | | (110,602.53) | | 9,576.69 | | (271.51) | | 9,305.18 | | (718,212.94) |
| 47 | Aug-10 | 7 Lines 5, 19 & 33 | (607,022.86) | | (213,439.99) | | 104,217.62 | | (109,222.37) | | 9,590.19 | | (281.72) | | 9,308,47 | | (706,936.76) |
| 48 | Sep-10 | I lines & 20 & 34 | (526,988.35) | | (208,272.41) | | 101,186.29 | | (107,086.12) | | 9,591.31 | | (273.06) | | 9,318.25 | | (624,756.22) |
| 49 | Oct-10 | I Unes 7, 21 & 35 | (366,775.78) | | (178,422.29) | | 90,515.27 | | (87,907.02) | | 9,609.59 | | (269.20) | | 9,340.39 | | (445,342.41) |
| 50 | Nov-10 | 1 Lores 8, 22 & 36 | (330,895.47) | | (164,216.38) | | 88,739.99 | | (75,476.39) | | 9,609.09 | | (276.25) | | 9,332.84 | | (397,039.02) |
| 51 | Dec-10 | 1 lines 9, 23 & 37 | (314,655.25) | | (173,949.15) | | 85,467.88 | | (88,481.27) | | 3,470.32 | | (104.12) | | 3,366.20 | | (399,770.32) |
| 52 | Jan-11 | I isen 10, 24 & 18 | (20,297.72) | | (179,562.61) | | 87,585.12 | | (91,977.49) | | (4,052.36) | | 114.48 | | (3,937.88) | | (116,213.09) |
| 53 | Feb-11 | I idore 12, 25 & 29 | (15,113.42) | | (168,705.93) | | 87,287.40 | | (81,418.53) | | (4,058.30) | | 114.74 | | (3,943.56) | | (100,475.51) |
| 54 | Mar-11 | I times 12, 26 & 40 | (11,749.48) | | (162,531.55) | | 84,639.43 | _ | <u>(</u> 77,892 <u>.1</u> 2) | _ | (4,062.63) | | 116.28 | | (3,946.35) | _ | (93,587.95) |
| 55 | Period Totals | 2 Lines 40 thru 51 | \$ (3,924,753.73) | \$ | (2,160,238.99) | \$ | 1,078,967.91 | \$ | (1,081,271.08) | <u>\$</u> | 65,486.23 | \$ | (1,874.71) | <u>\$</u> | 63,611.52 | \$ | (4,942,413.29) |
| 56 | PrevProspective | I Lines 43 thru 46 | \$ (1,731,255.40) | \$ | (711,138.68) | <u>\$</u> | 349,328.91 | ş | (361,809.77) | <u>\$</u> | 35,789.02 | \$ | (1,015.86) | \$ | 34,773.16 | \$ | (2,058,292.01) |
| E. NC | Total DSM/DSE | OR/EE & EMF R | ecovery | | | _ | | | | | | | | | | | |
| | D-4 D | | B 11 21 | _ | NUR A | _ | ieneral Service | _ | No. a Park | | II | | Lighting | | N . O'II' | | |
| | Rate Recovery | | Residential | | Billing Amounts | | pt-Out Credits | _ | Net Billings | | lling Amounts | | Out Credits | | Net Billings | _ | Total |
| 57 | DSM | (W/P R-2) | \$ 3,277,752.51 | \$ | 1,262,724.74 | \$ | (629,776.55) | \$ | 632,948.19 | \$ | | \$ | <u>.</u> | \$ | • | \$ | 3,910,700.70 |
| 58 | DSDR | (W/P R-2) | 8,745,477.64 | | 11,099,694.11 | | (5,521,176.67) | | 5,578,517.44 | | 249,597.18 | | (7,096.79) | | 242,500.39 | | 14,566,495.47 |
| 59 | EE | (W/P R-2) | 6,619,506.17 | _ | 6,060,564.99 | | (3,004,694.69) | _ | 3,055,870.30 | _ | | | <u> </u> | _ | | | 9,675,376.47 |
| 60 | Total | I Loves \$3 thru \$5 | \$ 18,642,736.32 | \$ | 18,422,983.84 | \$ | (9,155,647.91) | \$ | 9,267,335.93 | \$ | 249,597.18 | \$ | (7,096.79) | \$ | 242,500.39 | \$ | 28,152,572.64 |
| | EMF Recovery | | | | | | | | | | | | | | | | |
| 61 | DSM | #: 121 | \$ (1,954,816.47) | • | (540,690.74) | Ś | 264,661.06 | s | (276,029.68) | | | \$ | | \$ | | s | (2,230,846.15) |
| 62 | DSDR | (Line 13) (Line 26) | (2,130,834.40) | • | (870,519.60) | 3 | 427,526.35 | 9 | (442,993.25) | Þ | 65,486.23 | • | (1,874.71) | , | 63,611.52 | 7 | (2,510,216.13) |
| 63 | EE | - | 160.697.14 | | | | 386,780.50 | | (362,248.15) | | 03,400.23 | | (1,0/4./1) | | | | |
| 03 | EE | (Line 39) | 100,037.14 | _ | (749,028.65) | _ | 388,780.30 | _ | (302,246.13) | | | | | | | | (201,351.01) |
| 64 | Total | I lares \$7 thru 39 | \$ (3,924,753.73) | \$ | (2,160,238.99) | \$ | 1,078,967.91 | \$ | (1,081,271.08) | \$ | 65,486.23 | \$ | (1,874.71) | \$ | 63,611.52 | \$ | (4,942,413.29) |
| | EMF & Rate Re | coverv | | | | | | | | | | | | | | | |
| 65 | DSM | (Line 13) | \$ 1,322,936.04 | \$ | 722,034.00 | 5 | (365,115.49) | \$ | 356,918.51 | \$ | _ | \$ | | 5 | | s | 1,679,854.55 |
| 66 | DSDR | (Line 26) | 6,614,643.24 | • | 10,229,174.51 | • | (5,093,650.32) | • | 5,135,524.19 | • | 315,083.41 | * | (8,971.50) | • | 306,111.91 | • | 12,056,279.34 |
| 67 | EE | (Line 39) | 6,780,403.31 | | 5,311,536.34 | | (2,617,914.19) | | 2,693,622.15 | | - | | - | | , | | 9,474,025,46 |
| | | 1 | | | <u> </u> | _ | (-7 | _ | | | | | | _ | | | |
| 68 | Total | I Level 61 thru 63 | \$ 14,717,982.59 | \$ | 16,262,744.85 | \$ | (8,076,680.00) | \$ | 8,186,064.85 | \$ | 315,083.41 | \$ | (8,971.50) | \$ | 306,111.91 | \$ | 23,210,159.35 |
| | | ed Colos | | | | _ | ieneral Service | _ | Net Billings | Bil | lling Amounts | | ighting Out Credits | | Net Billings | | Total |
| (1) | Actual/Estimate | | Residential | | Billing Amounts | | | | — نظر | | | | | | LACE CHILLIAN | | |
| (1) 69 | • | Actual For Books | البرينك رسيد | _ | | _ | | | 766.871.787 | | 36,945,888 | | (1.031.588) | - | | | 1.808.023.848 |
| • | Apr-11 | Actual For Books | 1,005,237,761 | _ | 1,634,492,057 | | (867,620,270) | | 766,871,787 943.122.236 | | 36,945,888 37,726,756 | | (1,031,588) (600,894) | | 35,914,300 | | 1,808,023,848 1.918,960,879 |
| 69 | Apr-11 May-11 | Actual For Books E-3, Sub 377 | 1,005,237,761 938,712,781 | _ | 1,634,492,057 1,729,786,330 | | (867,620,270) (786,664,094) | | 943,122,236 | | 37,726,756 | | (600,894) | | 35,914,300 37,125,862 | | 1,918,960,879 |
| 69 70 | Apr-11 | Actual Fee Books E-2, Sub 377 E-2, Sub 377 | 1,005,237,761 938,712,781 1,264,258,813 | | 1,634,492,057 1,729,786,330 1,792,210,246 | | (867,620,270) (786,664,094) (906,069,386) | | 943,122,236 886,140,860 | | 37,726,756 36,663,184 | | (600,894) (616,961) | | 35,914,300 37,125,862 36,046,223 | | 1,918,960,879 2,186,445,896 |
| 6 9 70 71 | Apr-11 May-11 Jun-11 | Actual For Books E-3, Sub 377 | 1,005,237,761 938,712,781 | | 1,634,492,057 1,729,786,330 | | (867,620,270) (786,664,094) | | 943,122,236 | | 37,726,756 | | (600,894) | | 35,914,300 37,125,862 | | 1,918,960,879 |
| 69 70 71 72 | Apr-11 May-11 Jun-11 Jul-11 | Actual-Pur Books E-2, Sub 377 E-2, Sub 977 E-2, Sub 977 | 1,005,237,761 938,712,781 1,264,258,813 | | 1,634,492,057 1,729,786,330 1,792,210,246 | | (867,620,270) (786,664,094) (906,069,386) | | 943,122,236 886,140,860 | | 37,726,756 36,663,184 | | (600,894) (616,961) | | 35,914,300 37,125,862 36,046,223 | | 1,918,960,879 2,186,445,896 |
| 69 70 71 72 | Apr-11 May-11 Jun-11 | Actual-Pur Books E-2, Sub 377 E-2, Sub 977 E-2, Sub 977 | 1,005,237,761 938,712,781 1,264,258,813 | | 1,634,492,057 1,729,786,330 1,792,210,246 | | (867,620,270) (786,664,094) (906,069,386) | | 943,122,236 886,140,860 | | 37,726,756 36,663,184 | | (600,894) (616,961) | | 35,914,300 37,125,862 36,046,223 | | 1,918,960,879 2,186,445,896 |
| 69 70 71 72 | Apr-11 May-11 Jun-11 Jul-11 | Actual-Pur Books E-2, Sub 377 E-2, Sub 977 E-2, Sub 977 | 1,005,237,761 938,712,781 1,264,258,813 | | 1,634,492,057 1,729,786,330 1,792,210,246 | G | (867,620,270) (786,664,094) (906,069,386) (899,619,804) | | 943,122,236 886,140,860 | Bit | 37,726,756 36,663,184 | | (600,894) (616,961) (632,243) | | 35,914,300 37,125,862 36,046,223 | | 1,918,960,879 2,186,445,896 |
| 69 70 71 72 | Apr-11 May-11 Jun-11 Jul-11 | Actual-Pur Books E-2, Sub 377 E-2, Sub 977 E-2, Sub 977 | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 | | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 | 6 | (867,620,270) (786,664,094) (906,069,386) (899,619,804) eneral Service | 5 | 943,122,236 886,140,860 1,004,421,871 | Bit | 37,726,756 36,663,184 38,534,418 | | (600,894) (616,961) (632,243) | | 35,914,300 37,125,862 36,046,223 37,902,175 | | 1,918,960,879 2,186,445,896 2,600,541,064 |
| 6 9 70 71 72 (II) | Apr-11 May-11 Jun-11 Jul-11 | Acusi Au Books E-2, Sub 577 E-2, Sub 577 E-2, Sub 977 E-2, Sub 977 | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential | \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 Billing Amounts | , , | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits | | 943,122,236 886,140,860 1,004,421,871 Net Billings (0.00010) | 5 | 37,726,756 36,663,184 38,534,418 iling Amounts (0.00011) | Opt- \$ | (600,894) (616,961) (632,243) Ighting Out Credits | | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings | \$ | 1,918,960,879 2,186,445,896 2,600,541,064 Total |
| 69 70 71 72 (II) | Apr-11 May-11 Jun-11 Jul-11 Actual/Estimate Rates =/o gar | Actual-Per Books F-3, Sub 977 F-2, Sub 977 F-2, Sub 977 ed Revenue F-2, Sub 977 | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential | \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 | , , | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) | | 943,122,236 886,140,860 1,004,421,871 Net Billings | 5 | 37,726,756 36,663,184 38,534,418 | Opt- \$ | (600,894) (616,961) (632,243) Ighting Out Credits (0.00011) | \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) | \$ | 1,918,960,879 2,186,445,896 2,600,541,064 Total |
| 69 70 71 72 (II) 73 74 | Apr-11 May-11 Jun-11 Jul-11 **Actual/Estimate Rates =/o garr Apr-11 May-11 | Actual-Pur Books [-2, Sub 977 [-2, Sub 977 [-2, Sub 977 ed Revenue [-2, Sub 977 Actual-Pur Books | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0.00001) \$ (10,063) (9,387) | \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 Silling Amounts (0.00010) (163,449) | , , | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) 86,762 | | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) | 5 | 37,726,756 36,663,184 38,534,418 iling Amounts (0.00011) (4,065) | Opt- \$ | (600,894) (616,961) (632,243) lighting Out Credits (0.00011) | \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) | \$ | 1,918,960,879 2,186,445,896 2,600,541,064 Total Total (90,701) |
| 69 70 71 72 (II) 73 74 75 | Apr-11 May-11 Jun-11 Jul-11 Actual/Estimate Rates =/o GRT Apr-11 | Acusti-Far Books E-2, Sub 977 E-2, Sub 977 E-2, Sub 977 E-2, Sub 977 Acusti-Far Books Union SE y 61 | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0.00001) \$ (10,063) | \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 Billing Amounts (0.00010) (163,449) (172,979) | , , | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0,00010) 86,762 78,666 | | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) | 5 | 37,726,756 36,663,184 38,534,418 iling Amounts (0.00011) (4,065) (4,150) | Opt- \$ | (600,894) (616,961) (632,243) Ighting Out Credits (0.00011) 113 66 | \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) | \$ | 1,918,960,879 2,186,445,896 2,600,541,064 Total Total (90,701) (107,783) |
| 69 70 71 72 (II) 73 74 75 76 | Apr-11 May-11 Jun-11 Jul-11 Actual/Estimate Rates =/o gerr Apr-11 May-11 Jun-11 | Acoust-Fur Books E-3, Sub 977 E-2, Sub 977 E-2, Sub 977 E-2, Sub 977 Actual-Fur Books Union 58 x 61 Junes 59 x 61 | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0,00001) \$ (10,063) (9,387) (12,643) | \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 3illing Amounts (0.00010) (163,449) (172,979) (179,221) | \$ | (867,620,270) (786,664,094) (906,069,386) (899,619,804) Seneral Service pt-Out Credits (0.00010) 86,762 78,666 90,607 | \$ | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) (88,614) | \$ | 37,726,756 36,663,184 38,534,418 iling Amounts (0.00011) (4,065) (4,150) (4,033) | Opt- \$ \$ | (600,894) (616,961) (632,243) Ighting Out Credits (0.00011) 113 66 68 | \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) (3,965) | | Total Total (90,701) (107,783) (105,222) |
| 69 70 71 72 (II) 73 74 75 76 77 | Apr-11 May-11 Jun-11 Jul-11 *Actual/Estimate Rates =/o gar Apr-11 May-11 Jun-11 Jul-11 Total | Actual-Per Books F-J, Sub 977 F-J, Sub 977 F-J, Sub 977 F-J, Sub 977 Actual-Per Bengin Uners 58 + 61 Lenes 64 + 61 J Lenes 64 + 61 | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0.00001) \$ (10,063) (9,387) (12,643) (15,582) \$ (47,675) | \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 3illing Amounts (0.00010) (163,449) (172,979) (179,221) (190,404) | \$ | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) 86,762 78,566 90,507 89,962 | \$ | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) {88,614} {100,442} | \$ | 37,726,756 36,663,184 38,534,418 diling Amounts (0.00011) (4,065) (4,150) (4,033) (4,239) | Opt- \$ \$ | (600,894) (616,961) (632,243) Ighting Out Credits (0.00011) 113 66 68 70 | \$ \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) (3,955) (4,169) | | Total Total (90,701) (107,783) (105,222) (120,194) |
| 69 70 71 72 (II) 73 74 75 76 77 | Apr-11 May-11 Jun-11 Jul-11 Actual/Estimate Rates =/o gar Apr-11 May-11 Jun-11 Jul-11 | Acoust-Per Books 6-3, Sub-977 6-2, Sub-977 6-2, Sub-977 ed Revenue 6-2, Sub-977 Acoust-Per Books 10mm 59 n 61 10mm 59 n 61 10mm 59 n 61 | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0,00001) \$ (10,063) (9,387) (12,643) (25,582) | \$ \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 Silling Amounts (0.00010) (163,449) (172,979) (179,221) (190,404) (706,053) | \$ \$ \$ | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) 86,762 78,666 90,607 89,962 345,997 | \$ | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) (88,614) {100,442} {360,056} | \$ | 37,726,756 36,663,184 38,534,418 Siling Amounts (0.00011) (4,065) (4,150) (4,033) (4,239) (16,486) | Opt- \$ \$ | (600,894) (616,961) (632,243) lighting Out Credits (0.00011) 113 66 68 70 317 | \$ \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) (3,965) (4,169) | | Total Total (90,701) (107,783) (105,222) (120,194) (423,900) |
| 69 70 71 72 (II) 73 74 75 76 77 78 | Apr-11 May-11 Jun-11 Jul-11 Actual/Estimate Rates =/o GRT Apr-11 May-11 Jun-11 Jul-11 Total DSM EMF\$ Apr-11 | Actual-Pur Books E-J, Sub 977 E-J, Sub 977 E-J, Sub 977 E-J, Sub 977 Actual-Pur Books Lines 59 x 61 Lines 60 x 61 Lines 61 kbur 65 Actual | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0.00001) \$ (10,063) (9,387) (12,643) (25,582) \$ (47,675) -129.18% \$ 13,062 | \$ \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 Silling Amounts (0.00010) (163,449) (172,979) (179,221) (190,404) (706,053) 31,00% (50,669) | \$ \$ \$ | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) 86,762 78,666 90,607 89,962 345,997 31.01% 26,896 | \$ | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) (88,614) (100,442) (360,056) 30,99% (23,773) | \$ | 37,726,756 36,663,184 38,534,418 Siling Amounts (0.00011) (4,065) (4,150) (4,033) (4,239) (16,486) | Opt- \$ \$ | (600,894) (616,961) (632,243) lighting Out Credits (0.00011) 113 66 68 70 317 | \$ \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) (3,965) (4,169) (16,169) | \$ | Total Total (90,701) (107,783) (105,222) (120,194) (423,900) |
| 69 70 71 72 (II) 73 74 75 76 77 78 | Apr-11 May-11 Jun-11 Jul-11 Actual/Estimate Rates =/o GRT Apr-11 May-11 Jun-11 Jul-11 Total DSM EMF\$ | Actual-Per Books E-J, Sub 977 E-J, Sub 977 E-J, Sub 977 E-J, Sub 977 Actual-Per Benets Uner 35 x 61 Letter 50 x 61 I times 61 Here 65 Adarch 2011 %s | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0.00001) \$ (10,063) (9,387) (12,643) (25,582) \$ (47,675) -129.18% \$ 13,062 12,126 | \$ \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 Billing Amounts (0.00010) (163,449) (172,979) (179,211) (190,404) (706,053) | \$ \$ \$ | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) 86,762 78,666 90,607 89,962 345,997 | \$ | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) (88,614) (100,442) (360,056) | \$ | 37,726,756 36,663,184 38,534,418 Siling Amounts (0.00011) (4,065) (4,150) (4,033) (4,239) (16,486) | Opt- \$ \$ | (600,894) (616,961) (632,243) lighting Out Credits (0.00011) 113 66 68 70 317 | \$ \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) (3,965) (4,169) (16,169) | \$ | Total Total (90,701) (107,783) (105,222) (120,194) (423,900) |
| 69 70 71 72 (II) 73 74 75 76 77 78 79 80 81 | Apr-11 May-11 Jun-11 Jul-11 **Actual/Estimate Rates ==/o GRT Apr-11 May-11 Jun-11 Jul-11 Total DSM EMF\$ Apr-11 May-11 | Actual-Per Books E-2, Sub 977 E-2, Sub 977 E-2, Sub 977 E-2, Sub 977 Actual-Per Busts Union 58 x 61 Limin 59 x 61 Limin 60 x 61 I times 61 times 65 Actual Limin 75 x 79 | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0.00001) \$ (10,063) (9,387) (12,643) (25,582) \$ (47,675) -129.18% \$ 13,062 | \$ \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 Silling Amounts (0.00010) (163,449) (172,979) (179,221) (190,404) (706,053) 31,00% (50,669) (53,619) | \$ \$ \$ | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) 86,762 78,666 90,607 89,962 345,997 31.01% 26,896 24,392 | \$ | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) (88,614) {100,442} (360,056) 30,99% (23,773) {29,224} | \$ | 37,726,756 36,663,184 38,534,418 Siling Amounts (0.00011) (4,065) (4,150) (4,033) (4,239) (16,486) | Opt- \$ \$ | (600,894) (616,961) (632,243) lighting Out Credits (0.00011) 113 66 68 70 317 | \$ \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) (3,965) (4,169) (16,169) | \$ | Total Total (90,701) (107,783) (105,222) (120,194) (423,900) Total (107,11) (107,098) |
| 69 70 71 72 (II) 73 74 75 76 77 78 79 80 81 82 | Apr-11 May-11 Jun-11 Jul-11 Actual/Estimate Rates =/o garr Apr-11 May-11 Jun-11 Total DSM EMF\$ Apr-11 May-11 Jun-11 Jun-11 Jun-11 Jun-11 Jun-11 Jun-11 | Actual-Per Books E-J, Sub 977 E-J, Sub 977 E-J, Sub 977 E-J, Sub 977 Actual-Per Books Loves 50 a 61 Loves 60 a 61 I Loves 60 a 61 Loves 60 a 6 | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0.00001) \$ (10,063) (93,87) (12,643) (25,582) \$ (47,675) -129.18% \$ 13,062 12,126 16,331 | \$ \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 (0.00010) (163,449) (172,979) (179,221) (190,404) (706,053) 31,00% (50,669) (53,619) (55,554) | \$ \$ \$ | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) 86,762 78,566 90,507 89,962 345,997 31.01% 26,896 24,392 28,095 | \$ | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) (88,614) {100,442} (360,056) 30,99% (23,773) (29,224) {27,459} | \$ | 37,726,756 36,663,184 38,534,418 Siling Amounts (0.00011) (4,065) (4,150) (4,033) (4,239) (16,486) | Opt- \$ \$ | (600,894) (616,961) (632,243) lighting Out Credits (0.00011) 113 66 68 70 317 | \$ \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) (3,965) (4,169) (16,169) | \$ | Total Total (90,701) (107,783) (105,222) (120,194) (423,900) Total (10,711) (17,098) (11,127) |
| 79 70 71 72 (II) 73 74 75 76 77 78 79 80 81 82 83 | Apr-11 May-11 Jun-11 Jul-11 **Actual/Estimate **Rates =/o GRT Apr-11 May-11 Jun-11 Jun-11 Total DSM EMF\$ Apr-11 May-11 Jun-11 Jun-11 Jun-11 Jun-11 Jun-11 Total | Actual-Per Books F-J, Sub 977 F-J, Sub 977 F-J, Sub 977 Actual-Per Books Uner 38 # 61 Leves 60 # 61 I Leves 61 How 65 Actual Leves 75 # 79 Leves 77 # 79 I Leves 80 How 83 | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0.00001) \$ (10,063) (9,387) (12,643) (15,582) \$ (47,675) -129,18% \$ 13,062 12,126 16,331 20,129 \$ 61,648 | \$ \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 (0.00010) (163,449) (172,979) (179,221) (190,404) (706,053) 31,00% (50,669) (53,619) (55,554) | \$ \$ \$ | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) 86,762 78,666 90,607 89,962 345,997 31.01% 26,896 24,392 28,095 27,895 | \$ | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) (88,614) {100,442} (360,056) 30,99% (23,773) (29,224) (27,459) (31,124) (111,580) | \$ | 37,726,756 36,663,184 38,534,418 Illing Amounts (0.00011) (4,065) (4,150) (4,033) (4,239) (16,486) | Opt- \$ \$ | (600,894) (616,961) (632,243) lighting Out Credits (0.00011) 113 66 68 70 317 | \$ \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) (3,965) (4,169) (16,169) | \$ | Total Total (90,701) (105,222) (423,900) Total (107,713) (107,783) (105,222) (423,900) Total (10,711) (17,098) (11,127) (10,995) |
| 69 70 71 72 (III) 73 74 75 76 77 78 79 80 81 82 83 84 | Apr-11 May-11 Jun-11 Jul-11 **Actual/Estimate **Rates ==/o GAT Apr-11 May-11 Jun-11 Jul-11 Total DSM EMF\$ Apr-11 May-11 Jun-11 Jun-11 Jun-11 Jun-11 Jun-11 Jun-11 Total OSDR EMF\$ | Actual-Par Books E-J, Sub 977 E-J, Sub 977 E-J, Sub 977 E-J, Sub 977 Actual-Par Bayes Union 38 x 61 Linnes 64 i Par 65 Actual Linnes 64 i Par 65 Actual Linnes 75 x 79 Linnes 80 ibre 83 Linnes 80 ibre 83 | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0.00001) \$ (10,063) (9,387) (12,643) (15,582) \$ (47,675) -129.18% \$ 13,062 12,126 16,312 20,129 \$ 61,648 | \$ \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 Silling Amounts (0.00010) (163,449) (172,979) (179,211) (190,404) (706,053) 31,00% (50,669) (53,619) (55,554) (59,020) (218,862) | \$ \$ \$ | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) 86,762 78,666 90,607 89,962 345,997 31.01% 26,896 24,392 28,095 27,895 107,278 | \$ \$ | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) (88,614) (100,442) (360,056) 30,99% (23,773) (29,224) (27,459) (31,124) (111,580) | \$ \$ | 37,726,756 36,663,184 38,534,418 Iling Amounts (0.00011) (4,065) (4,150) (4,033) (4,239) (16,486) 0.00% | S S S | (600,894) (616,961) (632,243) lighting Out Credits (0.00011) 113 66 68 70 317 | \$ \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) (3,965) (4,169) (16,169) | \$ | Total Total (90,701) (107,783) (105,222) (120,194) (423,900) Total (10,711) (17,098) (11,127) (10,995) (49,932) |
| 69 70 71 72 (II) 73 74 75 76 77 78 79 80 81 82 83 84 85 86 | Apr-11 May-11 Jun-11 Jul-11 Actual/Estimate Rates =/o GNT Apr-11 May-11 Jun-11 Jul-12 Total DSM EMF\$ Apr-11 May-11 Jun-11 Jun-11 Jun-11 Jun-11 Jun-11 OSDR EMF\$ Apr-11 | Actual-Per Books E-J, Sub 977 E-J, Sub 977 E-J, Sub 977 E-J, Sub 977 Actual-Per Books Union 55 x 61 Lines 64 i flow 65 Actual Lines 75 x 79 Lines 76 x 79 Lines 80 thru 83 Actual Actual Actual-Per Books Actual | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0.00001) \$ (10,063) (9,387) (12,643) (15,582) \$ (47,675) -129,18% \$ 13,062 12,126 16,331 20,129 \$ 61,648 955,85% \$ (96,504) | \$ \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 Billing Amounts (0.00010) (163,449) (172,979) (179,211) (190,404) (706,053) 31,00% (50,669) (53,619) (55,54) (59,020) (218,862) | \$ \$ \$ | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) 86,762 78,666 90,607 89,962 345,997 31.01% 26,896 24,392 28,095 107,278 | \$ \$ | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) (88,614) (100,442) (360,056) 30,99% (23,773) (29,224) (27,459) (31,124) (111,580) 84,93% (65,182) | \$ \$ | 37,726,756 36,663,184 38,534,418 Iling Amounts (0.00011) (4,065) (4,150) (4,033) (4,239) (16,486) | S S S | (600,894) (616,961) (632,243) Ighting Out Credits (0.00011) 113 66 68 70 317 0.00% 100.00% 113 | \$ \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) (3,965) (4,169) (16,169) | \$ | Total Total Total (90,701) (107,783) (105,222) (120,194) (423,900) Total (10,711) (17,098) (11,127) (10,995) (49,932) Total (165,638) |
| 69 70 71 72 (II) 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 | Apr-11 May-11 Jun-11 Jul-11 Actual/Estimate Rates =/o GRT Apr-11 May-11 Jun-11 Jul-11 Total DSM EMF\$ Apr-11 May-11 Jun-11 Jul-11 Total OSDR EMF\$ Apr-11 May-11 May-11 May-11 May-11 May-11 May-11 May-11 May-11 May-11 | Acassi-Per Books E-J, Sub 977 E-J, Sub 977 E-J, Sub 977 E-J, Sub 977 Acassi-Per Books Loves 59 n 61 Loves 60 n 61 I Loves 60 n 61 I Loves 60 n 61 Loves 59 n 61 Loves 67 n 61 Loves 77 x 79 Loves 77 x 79 Loves 77 x 79 Loves 77 x 78 Loves 77 x 78 Actual-Per Books Loves 75 x 65 | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0.00001) \$ (10,063) (9,387) (12,643) (25,582) \$ (47,675) -129.18% \$ 13,062 12,126 16,331 20,129 \$ 61,648 955.85% \$ (96,504) (89,727) | \$ \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 Gilling Amounts (0.00010) (163,449) (172,979) (179,221) (190,404) (706,053) 31.00% (50,669) (53,619) (55,554) (59,020) (218,862) 84,98% (138,929) (147,000) | \$ \$ \$ | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) 86,762 78,566 90,507 89,962 345,997 31.01% 26,896 24,392 28,095 27,895 107,278 85,03% 73,747 66,888 | \$ \$ | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) (88,614) (100,442) (360,056) 30.99% (23,773) (29,224) (27,459) (31,124) (111,580) 84,93% (65,182) (80,101) | \$ \$ | 37,726,756 36,663,184 38,534,418 Iling Amounts (0.00011) (4,065) (4,150) (4,033) (4,239) (16,486) 0.00% 100,00% (4,065) (4,055) (4,150) | S S S | (600,894) (616,961) (632,243) lighting Out Credits (0.00011) 113 66 68 70 317 0.00% 100.00% 113 66 | \$ \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) (16,169) 0.00% | \$ | Total Total Total (90,701) (107,783) (105,222) (120,194) (423,900) Total (10,711) (17,098) (11,127) (10,995) (49,932) Total (165,638) (173,912) |
| 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 | Apr-11 May-11 Jun-11 Jul-11 Actual/Estimate Actual/Estimate Apr-11 May-11 Jul-11 Total DSM EMF\$ Apr-11 May-11 Jul-12 Total OSDR EMF\$ Apr-11 May-11 Jul-11 | Actual-Per Books F-J, Sub 977 F-Z, Sub 977 F-Z, Sub 977 Actual-Per Books Lown SS n 61 Lown SS n 62 Lown SS n 64 Lown SS | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0.00001) \$ (10,063) (9,387) (12,643) (25,582) \$ (47,675) -129.18% \$ 13,062 12,126 16,331 20,129 \$ 61,648 955.85% \$ (96,504) (89,727) (120,845) | \$ \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 (0.00010) (163,449) (172,979) (179,221) (190,404) (706,053) 31,00% (50,669) (53,619) (55,554) (59,020) (218,862) 84,98% (138,929) (147,000) (152,305) | \$ \$ \$ | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) 86,762 78,666 90,607 89,962 345,997 31.01% 26,896 24,392 28,095 27,895 107,278 85.03% 73,747 66,888 77,040 | \$ \$ | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) (88,614) {100,442} (360,056) 30,99% (23,773) (29,224) (27,459) (31,124) (111,580) 84,93% (65,182) (80,101) (75,262) | \$ \$ | 37,726,756 36,663,184 38,534,418 Iling Amounts (0.00011) (4,065) (4,150) (4,033) (4,239) (16,486) (10,00% (4,065) (4,150) (4,033) (4,033) (4,033) (4,033) | S S | (600,894) (616,961) (632,243) Ighting Out Credits (0.00011) 113 66 68 70 317 0.00% | \$ \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) (3,965) (41,694) (16,169) 0.00% | \$ | 1,918,960,879 2,186,445,896 2,600,541,064 Total Total (90,701) (107,783) (105,222) (423,900) Total (10,711) (17,098) (11,127) (10,995) (49,932) Total (165,638) (173,912) (200,072) |
| 69 70 71 72 (II) 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 | Apr-11 May-11 Jun-11 Jul-11 Actual/Estimate Rates =/o GRT Apr-11 May-11 Jun-11 Jul-11 Total DSM EMF\$ Apr-11 May-11 Jun-11 Jul-11 Total OSDR EMF\$ Apr-11 May-11 May-11 May-11 May-11 May-11 May-11 May-11 May-11 May-11 | Actual-Per Books F-J, Sub 977 F-J, Sub 977 F-J, Sub 977 Actual-Per Books Unes SS 1 61 Unes SS 2 61 Unes SS 2 75 Unes TS 2 75 Unes T | 1,005,237,761 938,712,781 1,264,258,813 1,558,217,018 Residential \$ (0.00001) \$ (10,063) (9,387) (12,643) (25,582) \$ (47,675) -129.18% \$ 13,062 12,126 16,331 20,129 \$ 61,648 955.85% \$ (96,504) (89,727) | \$ \$ | 1,634,492,057 1,729,786,330 1,792,210,246 1,904,041,675 Gilling Amounts (0.00010) (163,449) (172,979) (179,221) (190,404) (706,053) 31.00% (50,669) (53,619) (55,554) (59,020) (218,862) 84,98% (138,929) (147,000) | \$ \$ \$ | (867,620,270) (786,664,094) (906,069,386) (899,619,804) seneral Service pt-Out Credits (0.00010) 86,762 78,566 90,507 89,962 345,997 31.01% 26,896 24,392 28,095 27,895 107,278 85,03% 73,747 66,888 | \$ \$ | 943,122,236 886,140,860 1,004,421,871 Net Billings {0.00010} (76,687) (94,312) (88,614) (100,442) (360,056) 30.99% (23,773) (29,224) (27,459) (31,124) (111,580) 84,93% (65,182) (80,101) | \$ \$ | 37,726,756 36,663,184 38,534,418 Iling Amounts (0.00011) (4,065) (4,150) (4,033) (4,239) (16,486) 0.00% 100,00% (4,065) (4,055) (4,150) | Opt- \$ \$ \$ \$ | (600,894) (616,961) (632,243) lighting Out Credits (0.00011) 113 66 68 70 317 0.00% 100.00% 113 66 | \$ \$ | 35,914,300 37,125,862 36,046,223 37,902,175 Net Billings (0.00011) (3,951) (4,084) (16,169) 0.00% | \$ \$ | Total Total Total (90,701) (107,783) (105,222) (120,194) (423,900) Total (10,711) (17,098) (11,127) (10,995) (49,932) Total (165,638) (173,912) |

Progress Energy Carolinas, Inc. Test Period DSM/EE EMF Recovery Summary (\$)

(II) Actual/Estimated Revenue (continued)

| | | | | | | | G | eneral Ser <u>vice</u> | | | | | | Lighting | | | |
|----|----------|--------------------|----|------------|----------|-----------------|----|------------------------|----|--------------|-----|---------------|-----|--------------|----|-------------|---------------|
| | | | R | esidential | | Silling Amounts | 0 | pt-Out Credits | | Net Billings | Bil | lling Amounts | Opt | -Out Credits | N- | et Billings | Total |
| 91 | EE EMF\$ | Morth 2011 %: | | -726.68% | \equiv | -15.98% | = | -16.03% | _ | -15.92% | | 0.00% | | 0.00% | | 0.00% | Total |
| 92 | Apr-11 | Actual Per Books | \$ | 73,379 | \$ | 25,149 | \$ | (13,881) | \$ | 12,268 | \$ | | \$ | | \$ | | \$ 85,647 |
| 93 | May-11 | tines 75 x 91 | | 68,214 | | 27,640 | | (12,614) | | 15,014 | | • | | - | | - | 83,228 |
| 94 | Jun-11 | (mes 26 x 9) | | 91,871 | | 28,638 | | (14,528) | | 14,106 | | • | | - | | - | 105,977 |
| 95 | Jul-11 | ianes 77 × 91 | | 113,232 | | 30,425 | | (14,425) | _ | 15,989 | | | | | | | 129,221 |
| 96 | Total | E Lines 80 thru 83 | \$ | 346,696 | \$ | 112,852 | \$ | (55,448) | 5 | 57,377 | 5 | | \$ | • | \$ | - | \$ 404,073 |

F. NC Adjusted Test Period EMF Revenues

| | | | | | | | eneral Service | | | | | Lighting | | |
|-----|-------------|----------------------------|----|-------------|-------------------|----|----------------|-------------------|----|---------------|----|---------------|--------------|-------------------|
| | | | F | tesidential | Billing Amounts | 7 | pt-Out Credits | Net Billings | Bi | iling Amounts | 0 | t-Out Credits | Net Billings | Total |
| 97 | DSM EMF\$ | Umes 23 - 24 + 72 | \$ | (989,146) | \$ (614,400) | \$ | 305,635 | \$ (308,760) | \$ | • | \$ | • | \$ - | \$ (1,297,907) |
| 98 | DSDR EMF\$ | Lines 27-28+90 | | (1,868,929) | (1,295,287) | | 635,979 | (659,285) | | 13,211 | | (542) | 12,669 | (2,515,546) |
| 99 | EE EMF\$ | ilaes 42 - 42 + 8 4 | | 616,903 | (245,467) | | 134,023 | (111,471) | | <u> </u> | | - | | 505,432 |
| 100 | Total EMF\$ | I Lines 85 they 87 | \$ | (2,241,173) | \$ (2,155,153) | \$ | 1,075,636 | \$ (1,079,517) | \$ | 13,211 | \$ | (542) | \$ 12,669 | \$ (3,308,021) |

G. NC Adjusted Test Period Revenues

| | | | | | _ | General Service | | | | | | Lighting | | | | | | |
|-----|--------|---------------------|----|-------------|----|-----------------|----|-----------------|----|--------------|-----|---------------|----|---------------|----|--------------|----|------------|
| | | | | Residential | Bi | lling Amounts | | opt-Out Credits | _ | Net Billings | Bil | lling Amounts | Op | t-Out Credits | | Vet Billings | | Total |
| 101 | DSM\$ | W/F 8-2 Lane 8\$ | \$ | 3,842,046 | \$ | 1,410,700 | \$ | (700,006) | \$ | 710,699 | 5 | - | \$ | - | \$ | - | \$ | 4,552,745 |
| 102 | DSDR\$ | W/P R-2 Une 86 | | 10,350,871 | | 13,401,431 | | (6,628,068) | | 6,773,373 | | 294,025 | | (7,294) | | 286,731 | | 17,410,975 |
| 103 | EE\$ | W/P R-2 Lmc 87 | | 9,862,105 | _ | 7,912,005 | | (3,901,249) | | 4,010,742 | | | | | | - | | 13,872,847 |
| 104 | Total | Times 101 three 102 | 5 | 24.055.022 | 5 | 22,724,137 | Š | (11,229,322) | S | 11.494.814 | 5 | 294.025 | 5 | (7,294) | S | 286,731 | S | 35.836.567 |

H. Total NC Adjusted Test Period Revenues

| | | | | _ | General Service | | | | | | Lighting | | | | | | |
|-----|--------|----------------------|------------------|----|-------------------|-----------------|--------------|--------------|------------|-----------------|----------|-----------------|---------|--------------|---------|-------|------------|
| | | | Residential | 8 | illing Amounts | Opt-Out Credits | | Net Billings | | Billing Amounts | | Opt-Out Credits | | Net Billings | | Total | |
| 105 | DSM\$ | ijens 97 × 201 | \$ 2,852,900 | \$ | 796,300 | 5 | (394,371) | \$ | 401,939 | \$ | | \$ | - | \$ | | \$ | 3,254,839 |
| 106 | DSDR\$ | Lines 58 + 202 | 8,481,942 | | 12,106,145 | | (5,992,089) | | 6,114,088 | | 307,236 | | (7,836) | | 299,400 | | 14,895,429 |
| 107 | EE\$ | Uren 59 + 102 | 10,479,008 | | 7,66 <u>6,538</u> | | (3,767,226) | | 3,899,271 | | | | | | | | 14,378,278 |
| 108 | Total | E Learn 105 Hors 107 | \$ 21,813,850 | 5 | 20,568,983 | \$ | (10,153,686) | \$ | 10,415,297 | 5 | 307,236 | \$ | (7,836) | \$ | 299,400 | \$ | 32,528,547 |

I. Total NC Adjusted Test Period Revenue Percentages

| | | | - | | General Service | | | Lighting | | |
|-----|-------|---------------------|-------------|-----------------|-----------------|--------------|-----------------|-----------------|--------------|---------|
| | | _ | Residential | Billing Amounts | Opt-Out Credits | Net Billings | Billing Amounts | Opt-Out Credits | Net Billings | Total |
| 109 | DSM | Lines 105/108 | 13.08% | 3.87% | 3.88% | 3.86% | 0.00% | 0.00% | 0.00% | 10.01% |
| 110 | DSDR | ines 106/108 | 38.88% | 58.86% | 59.01% | 58.70% | 100.00% | 100.00% | 100.00% | 45.79% |
| 111 | EE | Lines 107 / 108 | 48.04% | 37.27% | 37.10 <u>%</u> | 37.44% | 0.00% | 0.00% | 0.00% | 44.20% |
| 112 | Total | I Lees 209 thru 121 | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |

Estimation of Opt-Out Quantities for Billing Determinant Application

| | | | | General Service | | | Lighting | | Total | | | |
|----|---------------|-------------------------------|----------------|------------------|------------------|-------------|---------------------|--------------------------|-----------------|------------------|------------------|--|
| | | | Billing kWh | Opt-Out kWh | Net kWh Billings | Billing kWh | Opt-Out kWh | Net kWh Billings | Billing kWh | Opt-Out kWh | Net kWh Billings | |
| | | | (a) | (b) | (c) = (a) + (b) | (d) | (e) | (f) = (d) + (e) | (g) = (a) + (d) | (h) = (b) + (e) | (i) = (g) + (h) | |
| 1 | Apr-10 | Per Books | 1,692,668,862 | (869,863,653) | 822,805,209 | 36,864,582 | (1,035,004) | 35,829,578 | 1,729,533,444 | (870,898,657) | 858,634,787 | |
| 2 | May-10 | Per Books | 1,636,344,164 | (844,698,528) | 791,645,636 | 36,874,606 | (1,038,177) | 35,836,429 | 1,673,218,770 | (845,736,705) | 827,482,065 | |
| 3 | Jun-10 | Per Books | 1,946,983,829 | (961,318,397) | 985,665,432 | 36,898,691 | (1,082,589) | 35,816,102 | 1,983,882,520 | (962,400,986) | 1,021,481,534 | |
| 4 | Jul-10 | Per Books | 2,085,505,835 | (979,075,969) | 1,106,429,866 | 36,832,011 | (1,044,253) | 35,787,758 | 2,122,337,846 | (980,120,222) | 1,142,217,624 | |
| 5 | Aug-10 | Per Books | 2,133,608,801 | (1,042,176,103) | 1,091,432,698 | 36,885,048 | (1,083,526) | 35,801,522 | 2,170,493,849 | (1,043,259,629) | 1,127,234,220 | |
| 6 | Sep-10 | Per Books | 2,083,352,329 | (1,013,132,806) | 1,070,219,523 | 36,889,642 | (1,050,228) | 35,839,414 | 2,120,241,971 | (1,014,183,034) | 1,106,058,937 | |
| 7 | Oct-10 | Per Books | 1,784,313,551 | (904,714,374) | 879,599,177 | 36,956,080 | (1,035,401) | 35,920,679 | 1,821,269,631 | (905,749,775) | 915,519,856 | |
| 8 | Nov-10 | Per Books | 1,639,254,738 | (888,007,334) | 751,247,404 | 36,958,031 | (1,062,502) | 35,895,529 | 1,676,212,769 | (889,069,836) | 787,142,933 | |
| 9 | Dec-10 | Per Books | 1,738,960,942 | (854,703,497) | 884,257,445 | 36,894,431 | (1,029,785) | 35,864,646 | 1,775,855,373 | (855,733,282) | 920,122,091 | |
| 10 | Jan-11 | Per Books | 1,795,881,660 | (875,851,125) | 920,030,535 | 36,857,130 | (1,045,249) | 35,811,881 | 1,832,738,790 | (876,896,374) | 955,842,416 | |
| 11 | Feb-11 | Per Books | 1,687,056,259 | (872,874,004) | 814,182,255 | 36,888,726 | (1,043,136) | 35,845,590 | 1,723,944,985 | (873,917,140) | 850,027,845 | |
| 12 | Mar-11 | Per Books | 1,625,385,714 | (846,364,646) | 779,021,068 | 36,932,016 | (1,057,091) | 35,874,925 | 1,662,317,730 | (847,421,737) | 814,895,993 | |
| 13 | Period Totals | ΣLines 1 thru 12 | 21,849,316,684 | (10,952,780,436) | 10,896,536,248 | 442,730,994 | (12,606,941) | 430,124,053 | 22,292,047,678 | (10,965,387,377) | 11,326,660,301 | |
| 14 | Jan-10 | E-2 Sub 977 W/P B-3 | | | 962,003,838 | ٦ | | | | | | |
| 15 | Feb-10 | E-2 Sub 977 W/P B-3 | | | 833,834,763 | i i | | | | | | |
| 16 | Mar-10 | £-2 Sub 977 W/P 8-3 | | - | 884,380,472 | ├ ' | For Use with Determ | ination of Uncollectible | es | | | |
| 17 | 12ME Dec-10 | ΣLines 1 thru 9 and 14 thru 1 | 16 | | 11,063,521,463 | ل | | | | | | |

NORTH CAROLINA UTILITIES COMMISSION' DOCKET NO. E-2, SUB 1002

Clerk's Office

DIRECT TESTIMONY OF JULIE HANS ON BEHALF OF CAROLINA POWER & LIGHT COMPANY D/B/A/ PROGRESS ENERGY CAROLINAS, INC.

1 Q. PLEASE STATE YOUR NAME, YOUR BUSINESS ADDRESS AND

- 2 POSITION WITH PROGRESS ENERGY CAROLINAS, INC.
- 3 A. My name is Julie Hans and my business address is 100 E. Davie Street, Post
- 4 Office Box 1551, Raleigh, North Carolina 27602. I am employed by Progress
- 5 Energy Carolinas, Inc. ("PEC") as its Manager Efficiency and Innovative
- 6 Technologies Customer Experience for the Company's Efficiency and
- 7 Innovative Technologies Department.

8 Q. PLEASE BRIEFLY STATE YOUR EDUCATIONAL BACKGROUND

- 9 AND EXPERIENCE.
- 10 A. I have a Bachelor of Arts degree from North Carolina State University. My
- major was Communications, and I minored in Journalism.
- From 1997 to 2001, I worked as a Communications Assistant and, later, as
- Deputy Press Secretary for two U.S. senators on Capitol Hill. From 2001 to
- 14 2002, I worked for a Public Relations agency in Raleigh. My career at
- 15 Progress Energy began in 2002 as a Communications Specialist and

- spokesperson for PEC. I served in a similar role for approximately three years,
- from 2005-2008, on-site at the Harris Nuclear Plant. In 2008 I began working
- in PEC's Demand Side Management/Energy Efficiency (DSM/EE) group as a
- 4 Program Manager, developing energy education programs.

5 Q. WHAT ARE YOUR CURRENT RESPONSIBILITIES?

- 6 A. My responsibilities are to generate awareness of the DSM/EE programs,
- awareness of the importance of energy efficiency in general, and primarily to
- generate customer participation in the DSM/EE programs.

9 Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

- 10 A. The purpose of my testimony is to provide the Commission with the
- information it requested in its November 17, 2010 Order in Docket No. E-2,
- Sub 977 concerning the Company's DSM/EE education and general
- 13 awareness initiatives.

14 Q. WHAT INFORMATION DID THE COMMISSION REQUEST?

- 15 A. The Commission requested that PEC continue to evaluate the effectiveness of
- its general education and awareness initiatives in its application and testimony
- associated with its next annual DSM/EE rider proceeding.
- 18 Q. WILL YOU PROVIDE A BRIEF DESCRIPTION OF PEC'S
- 19 GENERAL EDUCATION AND AWARENESS INITIATIVES?

1 A. Yes.

2 For the period of April 2010 through the end of March 2011, PEC's general education and awareness expenses decreased 12.3 percent from the prior test 3 period (from \$830,811 to \$728,976). During that time, PEC implemented new 4 5 tactics for reaching customers, including online advertising and social media outreach. The online advertising enabled PEC to quantify specific customer 6 response rates. More information about this new tactic and its measurement 7 are included later in my testimony. 8 Overall, PEC's general education and awareness initiatives included a mix of 9 print (newspaper) and online (display and search) advertising, social media 10 (Twitter), the Save the Watts website, Customized Home Energy Reports, the 11 Energy Efficiency World website for school-age children, the energy-12 efficiency-focused Newspapers in Education newspaper insert, participation in 13 community events, and the distribution of informational flyers, and other 14 printed materials (about energy efficiency and programs) to customers. 15 Progress Energy Carolinas has a diverse mix of customers who have varying 16 preferences in how they wish to be contacted and how they respond to PEC's 17 educational outreach efforts. Typically, a customer outreach effort is more 18 effective when multiple types of outreach are employed. One such example is 19 an online ad running at the same time as a customer email contact initiative. 20

- The exposure to multiple outreach attempts helps build awareness, generate
- the recall needed to motivate the customer to take action, and result in the
- 3 broadest exposure (or customer reach).
- 4 Q. CAN YOU PROVIDE THE COMMISSION WITH INFORMATION
- 5 REGARDING THE CUSTOMER REACH AND EFFECTIVENESS OF
- **6 THESE PROGRAMS?**
- 7 A. Yes.
- 8 General Awareness Advertising
- 9 During the test period, PEC's general education and awareness efforts
- included newspapers and online advertising. No other paid media outlets
- were used to promote the general education and awareness messages.
- Newspaper print advertisements ran in publications in the PEC service
- territory on the days of the highest circulation for each respective publication.
- During the test period, the Save the Watts energy saving ad messages were
- published 67 times, achieving nearly 2.8 million impressions, meaning that
- the energy saving messages had the potential to be viewed in nearly 2.8
- million instances by individuals. The circulation numbers represent all
- subscribers to the respective publication, including individuals who may not
- be PEC customers. To limit the number of non-customers who view PEC

| I | advertising, PEC advertises only in publications where the vast majority of the |
|----|---|
| 2 | circulation overlays with the company's retail service territory. |
| 3 | Promotional materials printed in the newspapers listed below included |
| 4 | information for customers regarding how to save money on their electric bill, |
| 5 | and directly encouraged customers to complete Customized Home Energy |
| 6 | Reports (CHERs) with the purpose of identifying home energy improvements |
| 7 | and other actions that could be taken to save money on their electric bill. |
| 8 | Raleigh News & Observer |
| 9 | Asheville Citizen-Times |
| 10 | New Bern Sun Journal |
| 11 | Wilmington Star-News |
| 12 | Richmond Daily Journal |
| 13 | Goldsboro News-Argus |
| 14 | Sanford Herald |
| 15 | Florence Morning News |
| 16 | Asheboro Courier-Tribune |
| 17 | Fayetteville Observer |
| 18 | Greenville Daily Reflector |

- Henderson Daily Dispatch
- 2 Rocky Mount Telegram
- 3 Sumter Item
- Online display ads (sometimes called banner ads) to promote the CHER are 4 placed by PEC's advertising agency on external websites (not Progress-5 Energy.com) that are "geo-targeted" to deliver advertisements to customers 6 that are located in the markets where we have a significant number of 7 customers, such as Raleigh and Wilmington. The ads are placed on a wide 8 variety of websites to reach the type of customer that might be looking for 9 ways to save energy or money on their electric bill – such as those interested in 10 home improvements. Examples of websites included in the campaign are: 11 doityourself.com; citizen-times.com; thesimpledollar.com; starnewsonline.com 12 The ads are designed to engage the customer and to prompt them to click on a 13 link which then takes them to the CHER website. Once at our website, 14 customers are provided with more detail on the types of customized energy 15 saving tips and information they can receive after completing a CHER 16 questionnaire, and are encouraged to take action to complete the questionnaire. 17 Online display advertisements generated over 100 million impressions and 18 received nearly 100,000 clicks. 19

Search advertising was also part of the online advertising plan on the Google, Yahoo! and Bing search engines. All keywords selected related to Progress Energy and energy-efficiency and were targeted based on zip code to ensure only customers within the service territory were served these search results. Search advertising generated over 850,000 impressions – meaning, they had the potential to be viewed by over 850,000 customers – and nearly 80,000 clicks (meaning the individual viewing the ad took action by clicking on the link to learn more).

The advertising referenced above is related only to the general education and awareness messages. Promotional activities related to specific DSM/EE programs are charged directly to the respective program's budget.

Social Media

PEC created a Twitter profile called "Energy Advisors" to help educate customers about energy efficiency and the programs available for customers.

The Energy Advisors account has almost 500 followers that range from customers to new publications to industry experts. Over 220 tweets have been sent out giving customers tips and advice on how they can save money on their bill.

Save the Watts website

- The Save the Watts website contains simple energy saving tips for customers to use in practical ways in their homes and businesses. The site also links customers with detailed information about approved PEC DSM/EE programs for homes and businesses.
- The website received more than 200,000 first time and repeat visitors during the test period.

Customized Home Energy Reports (CHER)

CHER is a free information tool, available to all PEC residential customers, which is intended to educate consumers about their household energy usage and how to save money by reducing energy consumption. Customers answer a questionnaire either online, through the mail or with phone-based assistance, and then receive a report that details their energy usage. The customized report also educates customers on specific ways to reduce their energy consumption, and identifies the specific energy efficiency programs and rebates offered by PEC that are most relevant to the specific customer.

Bill communications, including inserts, messages printed on the bill and

messages printed on the bill envelopes, were sent to customers in January

2010 to educate customers about the CHER and to direct them to visit the 1 CHER website and complete an energy audit. More than 837,000 customers 2 3 received information in their bill regarding how to complete a CHER survey. This helped create an increase in participation by almost 80 percent over the previous month. 5 Overall, from July 2009 (the month the tool was first made available) through 6 March 2011, more than 21,000 customers completed CHER questionnaires 7 and were provided with a variety of customer specific recommendations ranging from low to no cost common sense energy efficiency tips to available 9 programs and rebates applicable to the individual customer. 10 School-age children outreach 11 More than 3,400 individuals visited one or more elements of the PEC Energy 12 Efficiency World website, which is a website that educates students on energy 13 efficiency, conservation and renewable energy online. It also offers 14 interactive activities for students to conduct in the classroom. 15 In addition to the Energy Efficiency World website, PEC designed and 16 authored an educational insert geared toward K-12 students, which includes 17 information about energy efficiency and renewable energy. This insert was 18

19

distributed to customers via the Raleigh News & Observer in spring 2010, and

- was provided cost-free to more than 15,000 students in the PEC service area.
- The inserts were also delivered to all News & Observer subscribers.
- 3 Community events and customer education materials
- 4 During the test period, PEC representatives participated in approximately 28
- 5 community events across the service territory to educate customers about
- 6 PEC's energy efficiency programs and rebates, and to share practical energy
- saving tips. PEC energy experts attended events and forums to host
- 8 informational tables and displays, and distributed handout materials directly
- encouraging customers to learn more about and sign up for approved DSM/EE
- 10 energy saving programs.
- At these events, more than 5,000 flyers containing information about low-
- cost/no-cost solutions and materials associated with energy efficiency rebate
- programs were distributed. Additionally, more than 3,000 flyers containing
- information about how to complete a CHER were distributed.
- 15 Q. DOES THIS CONCLUDE YOUR TESTIMONY?
- 16 A. Yes.