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Clerk's Office N.C. Utilities Commission

June 4, 2012

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

h, NC 27699-4325

RE: Docket No. E-2, Sub 1019

Dear Ms. Mount:

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.

Sincerely,

Len S. Anthony

General Counsel

Progress Energy Carolinas, Inc.

LSA:mhm

Enclosures

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STATE OF NORTH CAROLINA UTILITIES COMMISSION RALEIGH

DOCKET NO. E-2, SUB 1019

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 2012 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 <u>/</u> day of June, 2012.

Notary Public

Commission Expires: 10-3-2014

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

STATE OF NORTH CAROLINA UTILITIES COMMISSION RALEIGH

DOCKET NO. E-2, SUB 1019

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of

Application by Carolina Power & Light Company,)	
d/b/a Progress Energy Carolinas, Inc. for Approval)	VERIFICATION AND
of 2012 Demand Side Management and Energy)	SIGNATURE
Efficiency Cost Recovery Rider Pursuant to G.S.)	
62-133.9 and Commission Rule R8-69)	

PERSONALLY APPEARED before me, Julie Hans, who, after first being duly sworn, said that she is the Manager-Efficiency and Innovative Technologies Customer Experience with Progress Energy Carolinas, Inc. ("PEC"), and as such is authorized to make this Verification that her attached Testimony is true and accurate.

Julie Hans

Sworn to and subscribed before me, this the 17th day of May, 2012.

Notary Public

Commission Expires: 10/3/2014

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

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STATE OF NORTH CAROLINA

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

DOCKET NO. E-2, SUB 1019

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JUN 04 2012

		SON O I TOIL
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 2012 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.

STAREG2540 Page 1

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

N.C. Gen. Stat. § 62-133.9(d) authorizes the Commission to approve 3. 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 based on the sharing of savings achieved by the programs.

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- 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.
- Pursuant to the provisions of N.C. Gen. Stat. § 62-133.9 and 6. 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 \$80,972,847 of DSM/EE expenses and incentives. This amount includes the estimated under-collection of \$2,549,034 associated with test and prospective

STAREG2540 Page 3

period activities during the period beginning August 1, 2011 and ending July 31, 2012 and an estimated \$78,423,813 for expenses and incentives to be incurred during the rate period from December 1, 2012 through November 30, 2013. 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	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	\$0.00347	\$0.00359	\$0.00016	\$0.00017	\$0.00363	\$0.00376	
General	\$0.00231	\$0.00239	\$0.00002	\$0.00002	\$0.00233	\$0.00241	
Service				•		*	
Lighting	\$0.00120	\$0.00124	-\$0.00010	-\$0.00010	\$0.00110	\$0.00114	

The DSM/EE EMF rider will be in effect for the twelve month period December 1, 2012 through November 30, 2013.

8. Pursuant to Commission Rule R8-69(b)(6) PEC requests approval to defer prudently incurred costs to FERC account 182.3, "Other Regulatory Assets," until recovered. In addition, pursuant to Commission Rule R8-69(b)(6), PEC requests approval to defer the costs it incurs in adopting and implementing new DSM/EE measures up to six months prior to PEC filing for Commission approval of such measures in accordance with Commission Rule R8-68.

STAREG2540 Page 4

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 4th day of June, 2012.

PROGRESS ENERGY CAROLINAS, INC.

Bv:

Len S. Anthony, General/Counsel

P. O. Box 1551, PEB 17A4

410 South Wilmington Street

Raleigh, NC 27602

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NORTH CAROLINA UTILITIES COMMISSION DOCKET NO. E-2, SUB 1019

JUN 04 2012 Clerk's Office

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

Q. PLEASE STATE YOUR NAME, YOUR BUSINESS ADDRESS AND

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

PLEASE BRIEFLY STATE YOUR EDUCATIONAL BACKGROUND 8

- AND EXPERIENCE. 9
- I have a Bachelor of Arts degree from North Carolina State University. My 10
- major was Communications, and I minored in Journalism. 11
- From 1997 to 2001, I worked as a Communications Assistant and, later, 12
- as Deputy Press Secretary for two U.S. senators on Capitol Hill. From 2001 to 13
- 2002, I worked for a Public Relations agency in Raleigh. My career at 14
- Progress Energy began in 2002 as a communications specialist and 15

- 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 manage the program marketing group and generate
- awareness of the DSM/EE programs and energy efficiency in general.

8 Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

- 9 A. The purpose of my testimony is to comply with the Commission's directive in
- its November 14, 2011 order issued in Docket No. E-2, Sub 1002 that PEC
- provide the Commission a list of its General Education and Awareness
- 12 ("GEA") initiatives and the volume of activity associated with each initiative
- during the test period. I also address the status of the joint investigation by
- PEC and the Public Staff of the feasibility and cost of conducting a market
- survey to assess the effectiveness of PEC's GEA activities.
- 16 Q. WILL YOU PROVIDE A BRIEF DESCRIPTION OF PEC'S
- 17 GENERAL EDUCATION AND AWARENESS INITIATIVES?
- 18 A. Yes.

For the period of April 2011 through the end of March 2012, PEC's general education and awareness initiatives included a mix of print (newspaper) and online (display and search) advertising, social media (Twitter), the Save Energy and Money website, Customized Home Energy Reports, the e-SMART Kids website for school-age children, participation in community events, and the distribution of informational flyers, and other printed materials (about energy efficiency and programs) to customers.

Progress Energy Carolinas has a diverse mix of customers who have varying preferences in how they wish to be contacted and how they respond to PEC's educational outreach efforts. Typically, a customer outreach effort is more effective when multiple types of outreach are employed. One such example is an online ad running at the same time as a customer email contact initiative. The exposure to multiple outreach attempts helps build awareness, generate the recall needed to motivate the customer to take action, and result in the broadest exposure (or customer reach).

- 16 Q. CAN YOU PROVIDE THE COMMISSION WITH INFORMATION
 17 REGARDING THE CUSTOMER REACH AND EFFECTIVENESS OF
 18 THESE PROGRAMS?
- 19 A. Yes.

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General Awareness Advertising

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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 Energy and Money ad messages were published 41 times, achieving over 1.5 million impressions, meaning that the energy saving messages had the potential to be viewed in nearly 1.5 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 advertising, PEC advertises only in publications where the vast majority of the circulation overlays with the company's retail service territory.

Promotional materials printed in the newspapers listed below included information for customers regarding how to save money on their electric bill, and directly encouraged customers to complete Customized Home Energy Reports (CHERs) with the purpose of identifying home energy improvements and other actions that could be taken to save money on their electric bill.

- Raleigh News & Observer
- 2 Asheville Citizen-Times
- 3 New Bern Sun Journal
- 4 Wilmington Star-News
- 5 Richmond Daily Journal
- 6 Goldsboro News-Argus
- 7 Sanford Herald .
- 8 Asheboro Courier-Tribune
- 9 Fayetteville Observer
- 10 Greenville Daily Reflector
- 11 Henderson Daily Dispatch
- 12 Rocky Mount Telegram

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Online display ads (sometimes called banner ads) to promote the CHER are placed by PEC's advertising agency on external websites (not Progress-Energy.com) that are "geo-targeted" to deliver advertisements to customers that are located in the markets where we have a significant number of customers, such as Raleigh and Wilmington. The ads are placed on a wide variety of websites to reach the type of customer that might be looking for

ways to save energy or money on their electric bill - such as those interested in home improvements. Examples of websites included in the campaign are: doityourself.com; citizen-times.com; thesimpledollar.com; starnewsonline.com

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The ads are designed to engage the customer and to prompt them to click on a link which then takes them to the CHER website. Once at our website, customers are provided with more detail on the types of customized energy saving tips and information they can receive after completing a CHER questionnaire, and are encouraged to take action to complete the questionnaire. Online display advertisements generated over 80 million impressions and received more than 100,000 clicks.

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 nearly 2 million impressions - meaning, they had the potential to be viewed by nearly 2 million customers - and more than 190,000 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

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During the test period, PEC maintained a Twitter profile called "Energy Advisors" to help educate customers about energy efficiency and the programs available for customers. The Energy Advisors account has more than 400 followers that range from customers to new publications to industry experts. Over 170 tweets have been sent out giving customers tips and advice on how they can save money on their bill.

Save Energy and Money website

The Save Energy and Money website, which launched on May 23, 2011, 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.

From launch through March 2012, the website received more than 302,000 visitors during the test period.

Customized Home Energy Reports (CHER)

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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.

Letters were sent to 100,000 customers in September 2011 to educate customers about the CHER and to direct them to visit the CHER website and complete an energy audit. Of the 100,000 customers that were mailed, over 5,700 customers completed the CHER questionnaire and received their report making a 5.7% response rate. This helped create an increase in participation by almost 90 percent over the previous month.

In February 2012, PEC partnered with the N.C. Zoo in an effort to teach the local community about saving money and energy. PEC customers who registered for a free Customized Home Energy Report were entered in a

drawing to receive one of three free annual memberships to the Zoological Society.

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Information about the promotion was sent to PEC customers via mail, email and through bill inserts. Upon receiving the email, about 6,000 customers clicked on the link and visited the website to learn more. Of the 6,000 customers who visited the website to learn more, 2,195 customers logged in to the CHER website and completed a CHER questionnaire online. Upon receiving the letter in the mail, almost 3,000 customers completed a CHER questionnaire. The promotion generated over 6,000 participants overall. It was an extremely successful promotion, and PEC plans to investigate similar opportunities to help drive participation in CHER in the coming year.

Overall, from July 2009 (the month the tool was first made available) through March 2012, more than 34,000 customers completed CHER questionnaires and were provided with a variety of customer specific recommendations ranging from low to no cost common sense energy efficiency tips to available programs and rebates applicable to the individual customer.

School-age children outreach

More than 1,600 individuals visited one or more elements of the e-SMART Kids website, which is a website that educates students on energy efficiency, conservation and renewable energy online. It also offers interactive activities for students to conduct in the classroom.

To help generate visits to the e-SMART Kids website, PEC designed and started distributing postcards geared at children, parents and teachers that describe the site and its resources.

Community events and customer education materials

During the test period, PEC representatives participated in approximately 16 community events across the service territory to educate customers about PEC's energy efficiency programs and rebates, and to share practical energy saving tips. PEC energy experts attended events and forums to host informational tables and displays, and distributed handout materials directly encouraging customers to learn more about and sign up for approved DSM/EE energy saving programs.

At these events, more than 2,000 flyers containing information about low-cost/no-cost solutions and materials associated with energy efficiency

- rebate programs were distributed. Additionally, more than 1,500 flyers containing information about how to complete a CHER were distributed.
- **Q. PLEASE DESCRIBE THE STATUS OF THE JOINT INVESTIGATION**
- 4 BY PEC AND THE PUBLIC STAFF OF THE FEASIBILITY AND
- 5 COST OF CONDUCTING A MARKET SURVEY TO ASSESS THE
- 6 EFFECTIVENESS OF PEC'S GEA ACTIVITIES.
- A. PEC and the Public Staff are currently evaluating the feasibility and cost of conducting a market survey in order to assess the cost effectiveness of PEC's GEA activities. These efforts are continuing and PEC intends to submit supplemental testimony, in this proceeding, providing the Commission with information relating to the feasibility and costs associated with an assessment
- 13 Q. DOES THIS CONCLUDE YOUR TESTIMONY?

of its GEA activities.

14 A. Yes.

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NORTH CAROLINA UTILITIES COMMISSION DOCKET NO. E-2, SUB 1019

FILED
JUN 0 4 2012

Clerk's Office N.C. Utilities Commission

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 Q. PLEASE BRIEFLY STATE YOUR EDUCATIONAL BACKGROUND
- 8 AND EXPERIENCE.
- 9 A. I graduated from Iowa State University ("ISU") in 1978 with a Bachelor of
- 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 and Regulatory Compliance Department. In that position, I performed a variety 7 of work associated with financial, regulatory and statistical analysis, and 8 presented testimony on several issues brought before the North Carolina 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.

1 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.

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

- 6 **APPLICATION?**
- 7 A. Yes. In addition to this testimony and accompanying exhibits, I am sponsoring
- 8 PEC'S DSM/EE Cost Recovery Rider Application identified as PEC Exhibit
- 9 No. 1.

10 **SUMMARY OF DSM/EE COSTS**

- 11 Q. CAN YOU PROVIDE A SUMMARY OF THE COSTS FOR WHICH
- 12 THE COMPANY IS REQUESTING RECOVERY IN THIS
- 13 **PROCEEDING?**
- 14 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 forecasted
- prospective period; and, 3) the rate period. For the test period, April 1, 2011
- through March 31, 2012, the North Carolina allocated share of recoverable
- DSM/EE costs is \$80,650,039. For the forecasted prospective period,

encompassing April 1, 2012 through July 31, 2012, the North Carolina allocated share of these estimated DSM/EE costs is \$29,221,468. For the rate period, December 1, 2012 through November 30, 2013, the North Carolina allocated share of forecasted DSM/EE costs is \$108,558,208. The total North Carolina allocated share of DSM/EE costs for the three periods is \$218,429,715.

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	Prospective Period	Rate Period			
Domand Side Management Brograms	4-1-11 thru 3-31-12	4-1-12 thru 7-31-12	12-1-12 thru 11-30-13			
Demand-Side Management Programs						
CIG DR	\$ 1,442,909	\$ 709,671	\$ 2,254,727			
EnergyWise™	11,361,594	2,258,197	9,035,344			
Energy Efficiency Programs						
DSDR Implementation	23,103,798	8,462,578	34,281,852			
Residential Home Advantage	1,876,642	288,286	486,499			
Residential Home Energy Improvement	5,538,315	1,790,451	5,076,367			
Residential Low Income - NES	2,147,755	767,929	2,323,310			
CIG Energy Efficiency	11,850,089	4,037,285	14,517,317			
Residential Solar Water Heating Pilot	93,239	•	-			
Residential Lighting	12,344,183	4,759,503	15,361,651			
Residential Appliance Recycling	1,461,163	787,938	2,840,525			
Residential EE Benchmark	1,160,347	412,241	685,747			
Small Business Energy Saver	64,116	607,669	2,690,912			
Residential New Construction	43,184	911,509	6,340,005			
Pilot CFL Program	-	-	-			
A&G and Carrying Costs						
A&G (Education and Awareness)	845,511	320,979	814,550			
A&G (Other)	1,312,789	561,776	1,639,658			
Carrying Cost on Balances	6,004,055	2,545,456	10,209,743			
Total Cost	\$ 80,650,039	\$ 29,221,468	\$ 108,558,208			

In addition to the summary table above, additional categorizations by cost element are provided on attached Evans Direct Exhibit No. 1.

Q. ARE THE COMPANY'S PROPOSED RATES DESIGNED TO

- 2 RECOVER THE TOTAL NORTH CAROLINA ALLOCATED SHARE
- 3 **OF \$218,429,715?**
- No, since many of the expenses incurred to develop and implement the Α. Company's DSM and EE programs produce benefits covering several years, a 5 significant portion of those expenses will be deferred, and recovered over 6. varying amortization periods. Program cost deferrals are recovered over ten-7 year periods, except in the cases of the Residential Lighting Program, which the 8 9 Company has requested recovery over a five-year period, and the Residential EE Benchmark Program, where costs are realized as they are incurred. 10 Administrative and General ("A&G") costs are being recovered over three-year 11 periods. In addition to the aforementioned deferrals, PEC's proposal involves 12 13 several other adjustments, including the recognition and amortization of prior period deferrals, the recognition of the prior year's prospective period costs, 14 and the estimated recovery of DSM/EE costs during the 2011-12 test and 15 prospective periods. In total, the EMF related calculations, based on test and 16 estimated prospective period costs, reflect an estimated under-recovery of 17 The DSM/EE rate calculations, associated with rate period \$2,549,035. 18 estimates, are based on a revenue requirement of \$78,423,813. 19 The 20 development of these amounts is also provided in Evans Direct Exhibit No. 1.

- The rate period and EMF revenue requirements produce a combined revenue
- 2 requirement of \$80,972,848.

3 <u>DSM/EE EMF REVENUE REQUIREMENT</u>

Q. HOW WAS THE DSM/EE EMF UNDER-RECOVERYOF \$2,549,035

5 **DETERMINED?**

The DSM/EE EMF under-recovery is a function of the sum of test period costs, ٠6 including amounts relating to the amortization of deferred costs from prior 7 periods, plus estimated prospective period costs (April 1, 2012 through July 31, 8 2012), less costs incurred in the prior prospective period (April 1, 2011 through 9 July 31, 2011) which were included in the determination of the 2011 Rule R8-10 69 based EMF, and credits for actual and estimated DSM/EE Rate revenues for 11 the period August 1, 2011 through July 31, 2012. The following table 12 illustrates the relationship of these elements with respect to the determination of 13 the DSM/EE EMF. 14

Rate Element (1994)	Amounts
Test Period Revenue Requirement	\$ 52,749,233
Plus: Current Prospective Period Revenue Requirement	16,006,366
Less: Prior Prospective Period Revenue Requirement	11,607,568
Unadjusted EMF Revenue Requirement	\$ 57,148,031
Net DSM/EE Rate Revenue Estimate	\$ 54,796,484
Less: Other Adjustments	197,488
Total EMF Adjustments	\$ 54,598,997
Adjusted DSM/EE EMF Revenue Requirement	\$ 2,549,035

Additional details associated with the development of these amounts are provided on Evans Direct Exhibit Nos. 1 and 7.

- 1 Q. SINCE THE PROSPECTIVE PERIOD VALUES CONTAIN
- 2 ESTIMATED AMOUNTS, WILL THOSE VALUES BE UPDATED
- PRIOR TO THE HEARING TO REFLECT ACTUAL COSTS AND
- 4 **REVENUES?**
- 5 A. Yes, at least 30 days prior to the hearing PEC will file updates reflecting actual
- 6 costs and actual revenues for the April through July, 2012 prospective period.
- In addition, interest owed to customers resulting from any revenue over-
- 8 collections will be updated accordingly, pursuant to Commission Rule R8-
- 9 69(b)(3).
- 10 Q. WHY IS IT NECESSARY TO SUBTRACT PRIOR PROSPECTIVE
- PERIOD COSTS WHEN DETERMINING THE DSM/EE EMF
- 12 **REVENUE REQUIREMENT?**
- 13 A. The costs incurred in the prior prospective period (April 1, 2011 through July
- 31, 2011) overlap with the current test period and were used in the
- determination of the EMF revenue requirement in the Company's last annual
- Rule R8-69 based filing, Docket No. E-2, Sub 1002. The exclusion of these
- costs is necessary in order to eliminate "double-counting."
- 18 <u>DSM/EE EMF ADJUSTMENTS</u>
- 19 Q. WILL YOU DESCRIBE THE \$197,488 THAT HAS BEEN
- 20 CATEGORIZED AS "OTHER ADJUSTMENTS"?

A. The \$197,488 in "Other Adjustments" is the sum of lines 4 through 9 found on 1 Evans Direct Exhibit No. 7. The adjustment on line 4 of this exhibit reflects 2 actual and estimated uncollectible allowances in PEC's DSM/EE rates for the 3 twelve month period ending July 31, 2012. The adjustment on line 5 represents 4 the true-up between the actual and the estimated uncollectible rates applicable 5 to this same time period. The adjustments found on line 6, 7 and 8 reflect the 6 true-up of Program Performance Incentives ("PPI") for three of PEC's DSM/EE 7 Programs. The last of these adjustments, found on line 9, recognize interest 8 obligations for estimated revenue over-collections for the period August 1, 2011 9 through July 31, 2012. 10

- Q. HOW MUCH VARIATION IS PRESENT BETWEEN PEC'S UPDATED
 UNCOLLECTIBLE FACTORS AND THOSE DETERMINED IN THE
 LAST DSM/EE PROCEEDING?
- A. The Company's estimated uncollectible factors, employed in Docket No. E-2, Sub 1002, were higher than those derived from actual results. The actual residential uncollectible rate for the test period, 0.4683%, was less than the estimated value of 0.5601%. This difference resulted in an over-collection of \$34,638.79. The actual general service uncollectible rate associated with the test period 0.0402%, was less than the estimated value of 0.0441%. This difference resulted in an over-collection of \$663.34. These adjustments are

- located on line 5 of Evans Direct Exhibit No. 7. The updated percentages are
- also employed in the gross-up factors used for the development of rates on
- 3 Evans Direct Exhibit No. 10.

4 Q. WILL YOU PROVIDE ADDITIONAL INFORMATION RELATING TO

5 THE TRUE-UP OF PPI AMOUNTS?

- 6 PEC's independent third party evaluation, measurement and verification
- 7 ("EM&V") consultant, Navigant, completed its assessments of the 2009
- Vintage Period of PEC's Residential Home Advantage Program and the 2010
- 9 Vintage Period of its Demand Response Automation and Residential Appliance
- Recycling Programs. Using the data from these assessments, PEC reevaluated
- the cost effectiveness tests for the program vintages. Specifically, the Total
- Resource Cost ("TRC") test and Utility Cost Test ("UCT") are employed for
- the reevaluation of PPI amounts.

14 Q. WHAT IS THE TRC TEST?

- 15 A. The TRC test is one of several DSM/EE cost-effectiveness tests used to
- evaluate a DSM or EE program as a resource option. TRC evaluates the
- benefits and costs of a DSM/EE program from the perspective of all utility
- customers as a whole. The total costs of the program include both the program
- participants' costs and the utility's costs (adjusted for any incentives paid by the
- utility to the participants). The benefits for the TRC test consist of the avoided

supply-side costs (i.e., the reduction in generation, transmission and distribution capacity and energy costs) valued at their marginal cost for the periods where 2 3 there is a load reduction and any incentives paid by the utility to the participants. Since incentives paid by the utility are included as both a cost and 5 benefit (a cost to the utility and a benefit to the recipients), they cancel themselves out and for all intents and purposes, such incentives are not 6 considered in the analysis. 7

WHAT ROLE DOES THE TRC TEST PLAY IN PEC'S DSM/EE Q. 8 **PROGRAMS?**

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The TRC test is employed for several roles when evaluating DSM/EE A. 10 programs. First, it is used as a filter or screening mechanism for new DSM/EE 11 12 programs. Proposed DSM/EE programs require a TRC ratio greater than 1.05 in order to be considered. Secondly, the TRC impacts the determination of the 13 PPIs. With some exceptions, programs or measures with a TRC of less than 14 1.0, at the time of the cost recovery proceeding, are ineligible for PPI. 15

DID ANY PROGRAMS OR MEASURES FAIL THE TRC TEST? Q. 16

Yes. PEC has evaluated TRCs for those program vintages where EM&V 17 results were available. The verified 2009 vintage of PEC's Home Advantage 18 program had three measures with TRC results of less than 1.0. The participant 19 and program costs as well as the avoided cost benefits associated with the 20

- failing measures were removed prior to the determination of appropriate PPI
- reimbursements. There were no other TRC related conflicts associated with the
- other EM&V related program true-ups.
- 4 Q. WILL YOU SUMMARIZE HOW PPI VALUES AND NET LOST REVENUE
- 5 RESULTS WERE IMPACTED BY THE EM&V RESULTS?
- 6 A. As previously indicated, the levelized PPIs for the program vintages were
- 7 recalculated using revised cost effectiveness results resulting from EM&V
- study findings. In addition to the changes in PPI amounts, EM&V based
- 9 impacts to the Company's net lost revenue ("NLR") values were recognized.
- The following table provides a summary of these adjustments:

				Appliance	De	emand Response
	Home Advantage		Recycling	Automation		
PPI Adjustments				,		
EM&V Filed		9/14/2011		1/3/2012		1/3/2012
Docket No.		E-2, Sub 928		E-2, Sub 970		E-2, Sub 953
Revised PPI	\$	8,018	\$	28,616	\$	65,882
Original PPI		5,811		22,269		56,358
Difference	\$	2,207	\$	6,347	\$	9,524
Periods In Effect		2-Years		1-Year		1-Year
Cost of Funds		783		563		845
PPI Adjustment	\$	5,198	\$	6,910	\$	10,369
Exhibit 7 Reference		Line 6		Line 7		Line 8
NLR Impacts						
Revised MWH		602.4		4,559		NA
Original MWH		657.7		4,026		NA
Est Net Lost Rev	\$	(3,118)	\$	30,079		NA

DSM/EE REVENUE REQUIREMENT

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Q. WILL YOU PLEASE DESCRIBE THE BASIS FOR THE RATE PERIOD

2 **REVENUE REQUIREMENT?**

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As indicated previously, the revenue requirement for the rate period is 3 \$78,423,813. This amount reflects the anticipated costs and necessary 4 5 recoveries for the rate period, which extends from December 1, 2012 through November 30, 2013. The \$78,423,813 revenue requirement includes: (1) 6 \$7,482,777 for anticipated rate period program expenses; (2) amortizations of 7 and carrying costs on deferred prior period costs totaling \$24,640,927; (3) 8 Recovery of DSDR depreciation and capital costs totaling \$26,613,419; (4) net 9 10 lost revenues for the rate period totaling \$14,833,634 from portions of vintage 2010, vintages 2011 and 2012, and portions of vintage 2013 installed program 11 measures; and (5) program incentives payments totaling \$4,853,056 associated 12 with vintage 2009, 2010 2011, and 2012 program measures. 13

14 JURISDICTIONAL COST ALLOCATION

- 15 Q. HOW ARE DSM AND EE PROGRAM COSTS ALLOCATED TO THE
 16 NORTH CAROLINA RETAIL JURISDICTION?
- 17 A. First, PEC reviews all costs to be recovered. These costs are then separated into
 18 three categories: (1) EE-related costs, (2) DSM-related costs and (3) costs that
 19 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.
- Q. PLEASE ELABORATE ON THE METHODOLOGY USED TO
 ALLOCATE DSM/EE COSTS THAT OFFER A SYSTEM BENEFIT.
- Common Administrative and General ("A&G") Costs, associated with the Α. 5 programs provide a system benefit in support of both EE and DSM programs. 6 Since A&G costs relate to both EE and DSM, A&G amounts are included in 7 8 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 9 next forecast calendar year. For example, if 30% of these costs in the forecast 10 period are EE-related, then 30% of the A&G costs will be considered as EE-11 related costs for allocation purposes. The use of a forecast period recognizes 12 the types of new programs PEC will offer in the immediate future that will be 13 14 supported by these administrative costs. The assignment of A&G costs as 15 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 16 assigned to these categories based upon forecasted DSM and EE costs for 2011. 17
- Q. IN EVANS DIRECT EXHIBIT 1, THE DSDR PROGRAM IS
 SEPARATED FROM THE OTHER DSM AND EE PROGRAMS. HOW
 IS THE DSDR PROGRAM CLASSIFIED?

- 1 A. The DSDR Program has been classified, for purposes of ratemaking, as an EE
- 2 program. Due to the scope and nature of this program, its costs are being
- tracked separately. This separate tracking includes both direct costs and A&G
- 4 costs associated with the program.

5 Q. HOW ARE COSTS IDENTIFIED AS EE-RELATED ALLOCATED TO

6 NORTH CAROLINA?

- 7 A. Any program costs that are identified as being EE-related, including A&G
- 8 costs, are allocated to NC retail based upon the ratio, of NC retail sales to PEC
- 9 system retail sales at the point of generation. The allocation percentage is
- updated each May and is based on the prior calendar year data.

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

12 CAROLINA?

- 13 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
- the prior calendar year demand data.

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

19 Q. HOW WERE THE UTILITY INCENTIVES CALCULATED?

PPIs are calculated pursuant to the Agreement and Stipulation of Partial Settlement ("Agreement") filed with the Commission on December 9, 2008, and are based on the savings achieved by DSM/EE programs as measured by the Utility Cost Test ("UCT"). Under the terms of the Agreement and using the UCT, the amount of the PPI initially to be recovered for a given measurement unit and vintage year is eight percent of the present value of the net benefits for DSM programs and measures and thirteen percent for EE programs and measures. Estimated net savings are determined by multiplying the number of measurement units projected to be installed for a specific program or measure in a vintage year by the most current estimates of the annual per installation kW and kWh savings over the measurement unit's 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 to determine a net present value. The PPI for each program vintage is converted into a stream of up to ten (10) levelized annual payments. PEC's overall weighted average net-of-tax rate of return approved in the Company's most recent general rate case is used as the appropriate discount rate. Pursuant to the Agreement, PPI recoveries are subject to true-up on the basis of future measurement and verification results.

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PPI calculations are based on calendar year vintages. The PPI vintage assigned 1 2 to the test period encompasses calendar year 2011. These values will be trued-3 up on the basis of future measurement and verification results. The estimated PPI for the rate period is based on calendar year 2012 results and will be 4

revisited as a part of the Company's next Rule R8-69 cost recovery proceeding.

Ο. IS THE COMPANY REQUESTING PPI FOR 6 ALL ITS

PROGRAMS? 7

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8 No. The Company is not requesting PPI recovery for its Residential Low Income Program or its Pilot Residential Solar Water Heating Program. In 9 addition, under the terms of the Agreement, the Company is not eligible for a 10

PPI for its Distribution System Demand Response (DSDR) Program.

12 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 program or measure by a margin-based net lost revenue rate. While subject to a few nuances such as variable O&M, 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 resulting from EM&V activities and are applied prospectively and in conjunction with applicable net lost revenue true-ups. 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. Pursuant to the Agreement, net lost revenues are recoverable for only the first 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 results.

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16 Q. IS THE COMPANY REQUESTING NET LOST REVENUE 17 RECOVERIES FOR ALL OF ITS PROGRAMS?

A. No. The Company is not requesting Net Lost Revenue Recoveries for its Pilot
Residential Solar Water Heating Program. For PEC's event driven measures,
EnergyWise, Demand Response Automation, and DSDR, net lost revenue has

- only been requested for actual deployments and not for forecasted periods as
- these values cannot be accurately predicted in advance. PEC is not requesting
- recovery of any Net Lost Revenue associated with the DSDR program in this
- 4 proceeding, but expects to do so in future filings.

5 **RATE DEVELOPMENT**

- 6 Q. ONCE PEC'S DSM/EE COSTS ARE ALLOCATED BETWEEN NORTH
- 7 AND SOUTH CAROLINA AND IDENTIFIED AS BEING EITHER DSM
- 8 OR EE RELATED, HOW ARE RATES ESTABLISHED?
- 9 A. As with rates currently in effect, PEC schedules are designed to establish three
- rate groups: Residential, General Service and Lighting.
- 11 Q. CAN YOU IDENTIFY THE RATE TARIFFS THAT FALL WITHIN
- 12 EACH RATE CLASS?
- 13 A. Yes. The following table lists the schedules and riders proposed within each
- rate class:

Residential		Lighting		
Residential	Small General	Medium General	Large General	Lighting
	Service	Service	Service	
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 &	
		CH-TOUE	Greater)	.
		CSE		
		CSG		
		Riders 66 & SS		
		(less than 1 MW)		

COST ALLOCATION METHODOLOGY

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

3 RATE CLASS?

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- Costs are assigned to customer classes based on program design and Α. 4 participation. In other words, costs are assigned to customer groups that directly 5 benefit from the programs. Simply stated, residential program costs are allocated solely to residential customers, general service program costs are 7 allocated solely to general service customers, and lighting program costs are allocated solely to lighting customers. Where programs benefit multiple 9 customer groups, the costs are allocated to groups receiving benefits using 10 appropriate annual energy and/or coincident peak demand based allocation 11 12 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.

Q. HOW ARE SALES AND DEMAND ADJUSTED FOR THE IMPACT OF "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

3 commercial and industrial customers choosing to "opt-out" consumed

4 11,192,486,014 kWhs during the year ended March 31, 2012.

5 The Rate Class allocation factors were developed assuming that customers

6 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.

9 Sales for the year ended March 31, 2012 for all customers electing to "Opt-Out"

of the DSM/EE rate are provided in Evans Direct Exhibit No. 2.

- 11 Q. THE SALES FOR "OPT-OUT" CUSTOMERS ARE EASILY
- 12 IDENTIFIED, BUT HOW IS THE COINCIDENT PEAK OF THESE
- 13 CUSTOMERS ESTIMATED?
- 14 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"
- 19 accounts.

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- 1 Q. AFTER ADJUSTING ENERGY AND DEMAND FOR "OPT-OUT"
- 2 CUSTOMERS, ARE THE RESULTING ALLOCATION FACTORS
- THEN USED TO DETERMINE REVENUE REQUIREMENTS FOR
- 4 EACH RATE CLASS?
- 5 A. The energy and demand based allocators are used in cases where programs or
- 6 measures directly benefit multiple rate groups. When a DSM or EE program
- benefits multiple rate groups, EE costs are multiplied by Rate Class energy
- allocation factors and any associated DSM costs are multiplied by Rate Class
- 9 demand allocation factors for purposes of cost assignment.
- Since usage for "opt-out" customers is not forecasted, the energy allocation rate
- class factors were developed from the forecasted rate class usage, after
- subtracting actual sales for "opt-out" customers for the year ended March 31,
- 13 2012. The energy allocation factors applicable to each rate class based upon the
- forecast of rate class sales for the recovery period of December 2012 through
- November 2013 are provided in Evans Direct Exhibit No. 3.
- The demand allocation rate class factors are based on the summer coincident
- peak demand for 2011, after subtracting the estimated demand for "opt-out"
- customers as discussed above. The forecast does not provide rate class
- coincident peak demands; therefore, the most recent historic data was deemed

- to be representative of future demand impacts. The demand allocation factors
- applicable to each rate class are provided in Evans Direct Exhibit No. 4.
- 3 Q. WHICH OF THE COMPANY'S PROGRAMS OR MEASURES
- 4 BENEFIT MULTIPLE CUSTOMER CLASSES?
- 5 A. The Company's DSDR EE program benefits multiple customer classes. To
- allocate DSDR costs, Rate Class energy allocation factors are employed. These
- allocation procedures are elements of Evans Direct Exhibit Nos. 5 and 8.
- 8 Q. HOW ARE RATE CLASS DSM/EE RATES ESTABLISHED?
- 9 A. The calculated rate class EE and DSM revenue requirements are divided by rate
- class sales, after adjustment for "opt-out" customers, to establish the rate class
- DSM/EE rate. Evans Direct Exhibit No. 5 provides the derivation of the
- Energy Efficiency Rate. Evans Direct Exhibit No. 6 provides the derivation of
- the Demand Side Management Rate.
- 14 Q. HOW IS THE RATE FOR THE DSM/EE EXPERIENCE
- 15 MODIFICATION FACTOR IN THIS PROCEEDING ESTABLISHED?
- 16 A. As with DSM/EE Rate determination, the calculated rate class EE and DSM
- 17 EMF revenue requirements, adjusted for cost recoveries, are divided by rate
- class sales, after adjustment for "opt-out" customers, to establish the rate class
- 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.

Q. WHAT RATES ARE PROPOSED FOR EACH RATE CLASS?

Evans Direct Exhibit No. 10 is populated with the DSM/EE rates and EMF 4 values proposed in this proceeding. The DSM/EE rates recover costs forecasted 5 to be incurred from December 1, 2012 through November 30, 2013. The 6 DSM/EE EMF is a true-up mechanism recognizing costs and recoveries for the 7 period August 1, 2011 through July 31, 2012. Projected costs and recoveries 8 during this period will be trued-up prior to the September hearing. 9 proposes the following rates, exclusive of gross receipts taxes ("GRT") and 10 North Carolina Regulatory Fees, for each rate class (shown in cents per kWh): 11

Rate Class	DSM/EE Rate (¢/kWh)	DSM/EE EMF (¢/kWh)	DSM/EE Annual Rider (¢/kWh)
Residential	0.347	0.016	0.363
General Service	0.231	0.002	0.233
Lighting	0.120	-0.010	0.110

Q. WHAT ARE THE RATES INCLUDING GRT AND NORTH CAROLINA REGULATORY FEES?

- 1 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
- 3 kWh):

Rate Class	DSM/EE Rate (¢/kWh)	DSM/EE EMF (¢/kWh)	Annual DSM/EE Rider (¢/kWh)
Residential	0.359	0.017	0.376
General Service	0.239	0.002	0.241
Lighting	0.124	-0.010	0.114

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

- 5 RATES?
- 6 A. The Company's Annual Billing Adjustment, Rider BA, will be updated to
- 7 recognize these rates, adjusted for GRT and North Carolina Regulatory Fees.
- **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**
- 9 A. Yes.

North Carolina Retail - DSM/EE Revenue Requirements Summary

									ORTH CAROLI	NA ILIBISDICTI	ONALLY ALLOCA	TED DETAIL	L COSTS ONLY						
		* *									OWNEET HEEDE	CIED KEIA	C COSTS ONE			_			
A.	Test Period		OSM	Insurance	A&G Expense	Capitalized	Amortization of Capitalized O&M			DSDR Capital	Income Taxes on DSDR	DSDR Property	DSDR	Carrying Costs		Rev Regmt Befare PPI &	Net Lost Revenue	Program Periormance	Rev Regnit With
	April 2011 through March 2012	-	(1)	(2)	(3)	(4)				Costs	Capital Costs	Taxes	Depreciation		Cost	NLG	Recoupment	Incentive	PPI & NIR
	April 2011 Unionghi March 2012		(1)	127	(3)	(*) TCabr()#mu/3	(5) #1)+(2)¥10	(6) (35 /3	(7)	(8)	(9)	(10)	(21)	(12)	(13)	(14)	(15)	(16)	(17)
	NC DSM Program Expenses					2000,000,00	111112111	140								IColo(S)thru(12)			ICala((4)Baru(16)
	CIG DR	Per Books	1,344,254			1,344,254	134.425		185,439										
•	EnergyWise	Per Books	10,456,993		•	10,456,993	1.045.699	- :	1.901.946					-	•	320,864	1,733	94,922	419,519
,	Total DSM	I lines 1 thru 2	11,601,247			11,801,247	1,180,124		2,048,385							2,947,645	10,081	894 <u>,</u> 168	3,852,594
- 1	DSM Assigned A&G and CCost	Per Books	11,001,247		765,654	765,654	1,180,124	255,218	\$30,711							3,268,509	13,814	989,790	4,272,113
ī	Total DSM and Assigned Costs	E Lines 3 thru 4	11.801.247		765,654	12,566,901	1,180,124	255,218	2,619,096					1,229,054	474,968	2,489,551			2,489,951
•	Total Ball and Adag and Califo	a cinca s time 4	11,001,147		703,034	12,300,501	1,180,124	233,210	2,019,090					1,229,054	474,968	5,758,460	13,\$14	989,790	6,762,064
	NC EE Program Expenses												•						
6	Res Home Advantage	Per Books	1,502,563			1,502,562	150,256		256,329						-	406,585	260,488	113.592	780,665
7	Res Horne Energy Improvem't	Per Books	4,690,335			4,690,335	469,034		1,270,773							1,739,807	616,398	231,582	2,587,787
	Residential Low Income	Per Books	1,735,660			1,735,668	173,567		302,347						-	475,914	412,067		888,001
,	☐G Energy Efficiency	Per Books	7,392,815		-	7,392,815	739,282		1,336,314					-	-	2,075,596	3,175,540	1,281,734	6,532,070
10	Solar Hot Water Pilot	Per Books	93,239			93,219	9,324		32,642					-	-	41,966	-		41,966
11	Residential Lighting* .	Per Books	5,244,717			5,244,717	1,048,943		1,560,117						-	2,609,060	6,199,982	199,485	9,708,526
12	Res Appliance Recycling	Per Books	962,124		-	962,124	96,212		157,048					-		253,260	433,704	65,334	752,299
13	EE Benchmarking*	Per Books	629,295			629,295	629,295		-		-			-		629,295	497,757	33,256	1,160,347
14	Small Business Energy Saver	Per Books	64,116			64,116	6,412		-					-	-	5,412	-	-	6,412
15	Residential New Construction	Per Books	43,184	• 1		43,184	4,318		-			1 2.		-	-	4,318	-	•	4,318
16	Home Depot CFL	Per Books		<u> </u>	<u>·</u>	<u> </u>			34,012						<u> </u>	34,012	-	-	34,012
	Total EE	I tines 6 thru 16	22,358,055			22,352,055	3,326,643	-	4,949,582			•		-	-	\$,276,225	11,595,957	2,625,022	22,497,205
15		Per Books			1,392,646	1,392,646		464,215	858,230					2,380,098	519,788	4,622,381			4,522,381
19	Total EE and Assigned Costs	I Lines 17 thru 18	22,358,055		1,392,646	23,750,701	3,326,643	464,215	5,607,862			-		2,380,098	919,788	12,898,606	11,595, 9 57	2,625,022	27,119,586
	NC DSDR Program Expenses																		
. 20	DSDR Program	Per Books	6,830,553	587,208		7,417,761	741,776		1.355,706	6,985,704	3,528,011	342,302	4,630,020			17,783,519			17,783,519
21	DSDR Assigned A&G and CCost	Aer Books			-				83.917	•		,		721,373	278,774	1,084,064		-	1,084,064
22	Total OSDR and Assigned Costs	1 Lines 20 thru 21	6,830,553	587,208	-	7,417,761	741,776	-	1,439,623	6,985,704	3,528,011	342,302	4,830,020	721,373	278,774	18,867,583			18,867,583
23	Test Period Totals	Lines 5 + 19 + 22	40,989,855	547,204	2,158,300	43,735,363	5,248,543	719,433	9,866,581	6,985,704	3,528,011	342,302	4,630,020	4,330,525	1,673,530	37,524,649	11,609,772	3,614,812	52,749,233
											-,-10,111		,,250,010	-,50,00,00	2,073,330	21,24,043	11,007,772	-,,,	34,7 = 7,233

В.	Prospective Per	iod									Income Taxes	DSDR			Income Taxes	Rev Regmt	Net Lost	Program	Rev Regmt	ı
			Mão	Insurance	ASG Expense			Amortization of Capitalized ASG		DSDR Capital Costs	on DSDR Capital Costs	Property Takes	DSDR Depreciation	Carrying Costs Net of Taxes	on Carrying Cost	Before PPI & NLR	Revenue Recoupment	Performance Incentive	With PPI & NUR	ı
	April 2012 through July 2012		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(15)	(17)	•
						EColul 1) Shru(2)	((1)+(Z))+10	(35/3								IColo(S)Hery(12)			ECab(19hu(14)	
	NC DSM Program Expenses													_						
1	CIG DR	Per Forecast	709,671		-	709,671	70,967	•						-	-	70,967	-	•	70,967	
2	EnergyWise	Per Forecest	2,258,197		•	2,258,197	225,820	·				ts.			•	225,820		-	225,820	
3	Total DSM	Elines 1 thru 2	2,967,868		-	2,967,868	296,787								-	196,787		-	296,787	•
4	DSM Assigned AlliG and CCost	Per Sooks			216,143	216,143		72,048				*		517,843	200,120	790,011			790,011	
5	Total DSM and Assigned Costs	I Lines 3 thru 4	2,967,868		216,143	3,184,011	296,787	72,048				1.		517,843	200,120	1,086,798	-	•	1,086,798	•
	NC EE Program Expenses								•											
6	Res Home Advantage	Per Ferenss	157,925			157,925	15,793									15,793	130,351		146,154	
7	Res Home Energy Improvem't	Per Forecast	1,543,876		-	1,543,876	154,388		•							154,388	246,575	_	400,963	
	Residential Low Income	Per Forecest	585,504		•	\$85,504	58,550							_		58,550	182,425	_	240,975	
9	CIG Energy Efficiency	Per Forecast	2,680,157	3		2,620,157	268,016							_	_	268,016	1,357,128	_	1,625,144	
10	Solar Hot Water Pilot	Per Forecost				-	-										1,557,110	_	1,023,144	
11	Residential Lighting*	Per Forecast	1,877,989			1,277,939	375,5 9 8							_		375,598	2,681,514	_	1,257,112	
12	Res Appliance Recycling	Per Forecast	586,977		-	586,977	58,698			•						58,698	200,961		259,659	
13	CE Benchmarking*	Per Forecost	246,652			246,652	246,652									146,652	165,589		412,241	
14	Small Business Energy Saver	Per Forecast	607,669			607,669	60,767									60,767	,		60,767	
15	Residential New Construction	Per Forecast	911,509			911,509	91,151				· · ·	4				91,151			91,151	
16	Home Depot CFL	Per Forecast			-		-									,,,,,,		_	31,131	
17	Total EE	I Lines 6 thru 16	9,198,258			9,198,258	1,329,613							-		1,329,613	5,164,553		6,494,166	
1#	EE Assigned ABG and CCost	Per Forecost		:	666,612	666,612		222,204						1,007,290	389,267	1,613,761	0,000,000		1,618,761	
19	Total EE and Assigned Costs	\$ Lines 17 thru 18	9,198,258	فتنسط	666,612	9,864,870	1,329,613	222,204						1,007,290	389,267	2,548,374	5,164,553		8,112,527	
	NC DSDR Program Expenses																		-,,	
20	DSDR Program	Per Forecast	2,075,136	243,612	-	2,318,748	231,875			2,641,244	1,325,643	161,054	2,015,849			6,375,705				1
21	DSDR Assigned A&G and CCost	Per forecost		, -						-,,,	2,263,0-3	.01,034	2,012,009	310.820	120,116	430,936		-	6,375,705	9
22	Total DSDR and Assigned Costs	1 Lines 20 thru 21	2,075,136	243,612		2,318,748	231,875			2,641,244	1,325,643	161,054	2,015,889	310,820	120,116	6,806,641			430,936	. ;
				.,			,-				-,,0,0	,	_,_,_,	510,010	0,110	9,600,041	•	•	6,806,641	
23	Prospective Period Totals	Lines 5 + 19 + 22	14,241,262	243,612	882,755	15,367,629	1,858,275	294,252		2,641,244	1,325,643	161,054	2,015,889	1,835,953	709.503	10,841,813	5.164.553		16,006,366	. :
																	-,,		20,000,300	

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.

							-	NO	RTH CARC	DUNA JURISDICTI	DNALLY ALLOC	TED RETAI	COSTS ONLY						
	Prospectiv	e Period	08M (1)	Insurance (2)	A&G Expense (3)	(4)	Amort dation of Capitalized OSM	Capitalized A&G (6)	(7)	DSDR Capital Costs (8)	on DSDR Capital Costs	OSDR Property Taxes (10)	DSOR Depreciation (21)	Carrying Costs Net of Taxes (12)	Income Taxes on Carrying Cost (13)	Rev Regmt Before PPI & NIR (15)	Net Lost Revenue Recoupment (15)	Program Performance Incentive (16)	Rev Regn With PPI & NL (17)
						ICoh(f)thru(3)	{(1)+(2)/ 10	(39/3								ICab(5)8vu(12)		(1-5)	ICab(14)Beq
1 CIG DR	ogram Expenses																		
Energy#	***	Per Books	376,078		-	376,078	37,606	•						•		37,608	6,751	-	44,
Total DSM	N ISE	Per Books	1,637,389			3,637,389	363,739							-		363,739	15,043		376.
		E Unes 1 thru 2	4,013,467			4,013,467	401,347	•						-	-	401,347	21,794	-	423,
	gned A&G and CCost	Per Books		==	236,593	236,593		78,864		-				340,204	131,472	550,540			550
TOTAL DSM a	and Assigned Costs	I Lines 3 thru 4	4,013,467		236,593	4,250,060	401,347	78,864						340,204	131,472	951,887	21,794	•	973
NC EE Progn	ram Expenses																		
	ne Advantage	Per Books	399,200			399,200	39,920				**			١.		39,920	77,176		117
Res Hon	ne Energy Improvem't	Per Books	1,602,782		-	1,602,782	160,278	••								160,278	178,233	•	
Aesident	itial Low Income	Per Books	587,889		-	587,889	58,789							_	_	58,789	112,669	•	331
CIG Ene	rgy Efficiency	Per Books	2,356,418		-	2,356,418	235,642								•	235,642	\$63,582	•	171
Solar Ho	ot Water Pilot	Per Books	26,227	-		26,227	2,623							_	-	2,623	403,782	-	1,099
Resident	tial Lighting*	Per Books	1,122,438		-	1,122,438	224,488								•	224,488	1,649,897	-	2
Res App	diance Recycling	Per Books	311,221			311 221	31,122								•	31,122	95,649	-	1,874
EE Benci	hmarking"	Per Books	401,901		-	401,901	401,901								•			-	126
Small Bu	usiness Energy Saver	Per Books	-		-						-				-	401,901	57,519	•	459
Resident	ttal New Construction	Per Books	-		-		-				•			-	-	•	-		
Home D	Sepot CFL	Per Books				_								_	•	•	-	-	
Total EE		E Lines & thru 16	6,806,076			6,808,076	1,154,763						_						
EE Assigne	ed A&G and CCost	Per Books	, ,		433,714	433,714	_,,	144,571						427.100		1,154,763	3,035,165	-	4,189,
Total EE and	d Assigned Costs	I Lines 17 thru 18	6,806,076		433,714	7,241,790	1,154,763	144,571				•		687,300	265,607 265,607	1,097,478 2,252,241	3,035,165		1,097, 5,287,
NC DSDR Pro	ogram Expenses														•		,		3,201,
OSDR Pro		Per Books	2,986,453	171,448	_	3,157,901	315,790	_		2,130,388	1.078.574	** ***							
	igned A&G and CCost	Per Books	.,, .33	s. s. 	_	3,131,301	313,730	•		2,13U,18E	1,078,371	98,450	1,445,244			5,068,243	-	-	5,068,
	and Assigned Costs	I Lines 20 thru 22	2,984,453	171,448	-	1,157,901	315,790			2,130,388	1,078,371	91,450	1,445,244	200,684	77,554 77,554	278.238			278,
Below Oreses	ective Period Totals			181 111								32,430		200,084	//,554	5,346,481	•	•	5,346,
rnor Prospe	cure renud 1812/5	Lines 5 + 19 + 27	13,607,996	171,448	670,307	14,649,751	1,871,900	223,435		2,130,388	1,074,371	98,450	1,445,244	1,228,188	474,633	8,550,609	3,056,959		11,607,
							<u>-</u>		TH CARO	UNA JURISDICTIO	MAILY ALLOSS	TCD B80	COATE OA						
	venue Requir							NO.	····· OKO	CONTRACTOR SOURCE IN	MALLI ALLUCA	TED RETAIL	COSTS ONLY					_	

D. EMF Revenue Requirements Test Period + Prospective Period - Prior Prespective Period

23 EMF Period Totals

	Aug 2011 through July 2012	
	NC DSM Program Expenses	
1	CIG DR	Sections A + 8 - C
2	EnergyWise	Sections A + B + C
3	Total DSM	I times I thru I
4	DSM Assigned AlkG and CCost	Per Books
5	Total DSM and Assigned Costs	I Lines 3 thru 4
	NC EE Program Expenses	
6	Res Home Advantage	Sections A + B - C
7	Res Home Energy Improvem't	Sections A + 8 - C
	Residential Low Income	Sections A + 8 - C
9	CIG Energy Efficiency	Sections A + B + C
10	Solar Hot Water Pilot	Sections A + B + C
11	Residential Lighting*	Sections A + B + C
12	Res Appliance Recycling	Sections A + B + C
13	EE Benchmarking*	Sections A + B - C
14	Small Business Energy Saver	Sections A + B - C
15	Residential New Construction	Sections A + B - C
16	Home Depot CFL	Sections A + B - C
17	Total EE	I Lines & thru 16
18	EE Assigned A&G and CCost	Per Books
19	Total EE and Assigned Costs	I Lines 17 thru 18
	NC OSDR Program Expenses	
20	DSDR Program	Sections A + B - C
21	DSDR Assigned A&G and CCost	Per Books
22	Total DSDR and Assigned Costs	\$ Lines 20 thru 21

Lines 5 + 19 + 22

						ORTH CAROLI	AN JORISDICTI	ONALLT ALLUCA	ATED RETAI	L COSTS ONLY						
M30 (1)	Insurance (2)	A&G Expense (3)	Capitalized OSM and ASG (4) ECols(1)thru(1)	Amortization of Capitalized D&M (5) ((1)+(2))/10	Amortivation of Capitalized A&G (6) (3/3		DSDR Capital Costs (8)	Income Taxes on DSDR Capital Costs (9)	DSDR Property Takes (10)	DSDR Depreciation (11)	Carrying Costs Net of Taxes (12)	Income Taxes on Carrying Cost (13)	Rev Regmt Before PFI & NLR (14) \$Cole(5)Bau(12)	Net Lost Revenue Recoupment (15)	Program Performance Incentive (16)	Rev Regnt With PPI & NLR (17) ICole(14)thns(16)
1,677,647		_	1,677,847	167,784		166,439					1		******			
9,077,801			9,077,801	907,780		1,901,946					•	•	354,223	(3,01#)	94,922	446,127
10,755,648			10,755,648	1,075,564		2,048,385				***************************************			2,509,726	(4,962)	194,161	3,699,632
	ويجسوك	745,204	745,204	-	248,402	530,711					1,406,593	543,616	3,163,949	(7,980)	989,750	4,145,759
10,755,648		745,204	11,500,852	1,075,564	248,402	2,619,096					1,406,693	543,616	2,729,422	(7.000)		2,729,422
				, ,	,	**					1,400,055	343,616	5,893,371	(7,980)	989,790	6,875,181
1,261,287			1,261,287	126,129		256,329				•	1					
4,631,429			4,631,429	463,144		1,270,773					•	•	312,458	313,674	113,592	809,723
1,733,283			1,733,283	173,321	:	302,347					-	-	1,733,917	684,741	231,582	2,650,240
7,716,554			7,716,554	771,656		1,336,314					•	•	475,675	481,843	•	957,518
67,012		_	67,012	6,701		32,642					-	•	2,107,970	3,668,687	1,281,734	7,058,391
6,000,268			6,000,264	1,200,053		1,560,117					•	•	39,343		-	3 9 ,343
1,237,880			1,237,880	123,764	••	1,360,117					•	•	2,760,170	7,431,599	199,485	11,091,253
474,046			474,046	474,046	_	237,044					-	-	280,836	534,976	65,334	885,147
671,785		-	671,785	67,179	-						-	-	474,046	605,827	33,296	1,113,168
954,693		-	954,693	95,469	_			•			-	-	67,179	-	-	67,179
						34,012					-	-	95,469	-	-	95,469
24,748,237			24,748,237	3,501,493		4,949,582						- _	34,012	· · · · · · · · · · · · · · · · · · ·		34,012
		1,625,544	1,625,544		541,848	858,280					2,700,088	1,043,448	8,451,075	13,725,346	2,625,022	24,801,443
24,748,237	3074545	1,625,544	26,373,781	3,501,493	541,848	5,807,862		والمراجع الأراج			2,700,088	1,043,448	5,143,664 13,594,739	13.725.344	2 676 677	5,143,664
						-,,					2,700,000	1,043,446	13,394,739	13,725,346	2,625,022	29,945,107
5,919,236	659,372	•	6,578,608	657,861		1,355,706	7,496,560	3,775,283	404,906	5,400,665	•	•	19,090,981	-	-	19,090,981
6 414 325					<u> </u>	83,917	·	-			831,509	321,336	1,236,762			1,236,762
5,919,236	659,372	•	6,578,608	657,861	•	1,439,623	7,496,560	3,775,283	404,906	5,400,665	831,509	321,336	20,327,743			20,327,743

^{790,250 9,866,581 7,496,560 3,775,283 404,906 5,400,665 4,938,290 1,908,400 39,815,853 13,717,366 3,614,812 57,148,031} * 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.

5,234,918

41,423,121 659,372 2,370,748 44,453,241

North Carolina Retail - DSM/EE Revenue Requirements Summary

								4	ORTH CAROLI	NA JURISDICTI	ONALLY ALLOCA	TED RETAI	L COSTS ONLY	7					
E.	Rate Period December 2012 through November	r 2013	08M (1)	Insurance (2)	A&G Expense (3)	(4)	Amortization of Capitalized O&M	Capitalized A&G (6)		DSDR Capital Costs (10)	Income Taxes on DSDR Capital Costs (11)	DSDR Property Taxes (12)	DSDR Depreciation (13)		Income Taxes on Carrying Cost (15)	Rev Regmt Before PPI & NLR (16)	Net tost Revenue Recoupment (17)	Program Performance Incentive (18)	Rev Regmt With PPI & NIR (19)
	NC DSM Program Excenses					ECold ()Bhru(3)	(t1)+(5)V10	(35/3								ICom(S)Pro(15)			FC+h(10)Pm(10)
3	CIG DR	Per Forecast	2,158,552			2,158,552	215,855												
3	EnergyWise	Per Forecost	3.079.695			4,079,695	807.970	•	320,864					•		536,719	•	96,175	632,894
ī	Total DSM	I Lines I thru I	10,238,247			10,238,247	1,023,825		2,947,645					<u> </u>	-	3,755,615		955,649	4,711,264
ă	DSM Assigned A&G and CCost	Per Books	10,138,247		600.653	600,653	1,023,825	200.214	3,268,509						-	4,292,334	-	1,051,824	5,344,158
-	Total DSM and Assigned Costs	2 Lines 3 thru 4	10,238,247		600,653	10,838,900			499,520) .				1,912,620	739,131	3,351,489			3,351,489
•	Total Bolt Bild Hallging Coult	2 20163 3 2010 4	10,230,247		600 ,033	10,638,900	1,023,825	200,218	3,768,029					1,912,620	739,131	7,643,823	-	1,051,424	8,695,647
	NC EE Program Expenses																		
6	Res Home Advantage	Per Forecost	23,132		-	23,132	2,313	_	406,585										
7	Res Home Energy Improvem't	Per Forecast	4,097,062			4,097,062	409,706		1,739,807				F-	-		408,894	328,751	134,616	672,265
	Residential Low Income	Per Forecast	1,779,527		-	1,779,627	177,963		475,914					_	_	2,149,513	627,546	351,759	3,128,818
9	CIG Energy Efficiency	Per Forecast	8,849,047			1,849,047	884,905	-	2,075,596					•	•	653,877	543,643		1,197,560
10	Solar Hot Water Pilot	Per Forecast			-				41,966						-	2,960,501	3,865,167	1,803,103	8,628,771
11	Residential Lighting*	Per Forecast	5,267,461			5,267,461	1,053,492		2,609,060					· ·		41,966			41,966
12	Res Appliance Recycling	Per Forecust	2,025,951			2,025,951	202,595	_	253,260					-	-	3,662,552	4,755,077	1,339,112	13,756,742
13	EE Benchmarking*	Per Forecast	614,271			614,271	614,271	_							-	455,855 614,271	713,409	101,165	1,270,429
14	Small Business Energy Saver	Per Forecast	2,690,912	•		2,690,912	269,091	_	6,412							275,503	•	71,476	685,747
15	Residential New Construction	Per Forecast	6,340,005		-	6,140,005	634,001		4,318					•		638,319	٠	•	275,503
16	Hame Depot CFL	Per Ferenage			:			-	34,012					_		939,319 34,012	-	-	638,319
17	Total EE	I Lines 6 thru 16	31,627,462			31,687,468	4,248,337		7,646,930							12,895,267	14,833,634		34,012
18	EE Assigned A&G and CCost	Per Forecast			1,853,555	1,453,555		617,852	919,745					4,236,744	1,637,288	7,411,629	14,633,034	3,801,232	30,530,132
19	Total EE and Assigned Costs	I Lines 17 thru 18	31,687,468		1,853,555	33,541,023	4,248,337	617,852	8,566,675	•				4,236,744	1,637,288	19,306,896	14,833,634	3.801,232	7,411,629
															-,-31,222	12,200,890	**,*33,034	3,471,232	27,341,761
	NC DSDR Program Expenses																		
20	DSDR Program	Per Forecust	6,030,476	942,733		6,973,209	697,321	-	2,097,482	10,672,431	5,354,504	695,224	10,584,484			30,103,446		_	30,103,446
21	DSDR Assigned AlliG and CCost	Per Forecast			<u> </u>				(1,002)					1.214,584	469,376	1,682,958	•		1,682,958
22	Total OSDR and Assigned Costs	I Lines 20 thru 21	6,030,476	542,733	-	6,973,209	697,321	÷	2,096,480	10,672,431	5,356,504	695,224	10,584,484	1,214,584	469,376	31,786,404		•	31,786,404
23	Rate Period Totals	Unes 5 + 19 + 22	47,956,191	942,733	2.454.208	51,353,132	5,969,483	\$18,070	14.431.184	10.672.431									
			,550,252	,/	2,-34,200	,3,132	.,303,463	\$18,070	19,911,189	10,672,431	5,356,504	695,224	10,584,484	7,363,948	2,845,795	58,737,123	14,833,634	4,453,056	78,423,813

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

Evans Direct Exhibit No. 2 Page 1 of 1

PROGRESS ENERGY CAROLINAS, INC.

Annual Sales for NC Customers Opting-Out for DSM/EE Rate¹
Annual Sales for the Year Ended March 31, 2012

Rate Class	Opt-Out KWHs
Residential	-
General Service	11,179,802,071
Lighting	12,683,943
Total Opt-Out Sales	11,192,486,014

¹ Actual Opt-Out volumes for the twelve-months ending March 31, 2012.

Evans Direct Exhibit No. 3 Page 1 of 1

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⁾ (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	15,356,064	· -	15,356,064	57.79%
General Service	21,949,734	11,179,802	10,769,932	40.53%
Lighting	458,071	12,684	445,387	1.68%
NC Retail	37,763,869	11,192,486	26,571,383	100.00%

- (1) Total NC Rate Class Sales (MWHrs) are for the forecasted year ending November 2013.
- (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.

Evans Direct Exhibit No. 4 Page 1 of 1

PROGRESS ENERGY CAROLINAS, INC.

Demand Allocation Factors - Applicable to DSM Programs

North Carolina Rate Class Demand Allocation Factors

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
15,356,064	0	3,897,801	3,897,801	66.79875%
21,949,734	11,179,802	3,948,409	1,937,340	33.20125%
458,071	12,684	0	0	0.00000%
37,763,869	11,192,486	7,846,210	5,835,141	100.00000%
	(1) 15,356,064 21,949,734 458,071	(1) (2) 15,356,064 0 21,949,734 11,179,802 458,071 12,684	(1) (2) (3) 15,356,064 0 3,897,801 21,949,734 11,179,802 3,948,409 458,071 12,684 0	(1) (2) (3) (4) = ((1-2)/1) * 3 15,356,064 0 3,897,801 3,897,801 21,949,734 11,179,802 3,948,409 1,937,340 458,071 12,684 0 0

- (1) Total NC Rate Class Sales (MWHrs) are for the forecasted year ended November 2013.
- (2) Opt-Out sales are provided in Evans Direct Exhibit No. 2
- (3) The CP demands are based on the 2011 Coincident Peak occurring on July 2 during the hour ended at 3 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			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) = Σ (3 thru 7)	(9) = (8) / (1)			
Residential	15,356,063,960	57.79%	\$21,625,858	\$0	\$17,397,305	\$5,395,360	\$972,611	\$45,391,133	\$0.002956			
General Service	10,769,931,702	40.53%	\$0	\$8,904,274	\$12,201,550	\$2,016,269	\$682,138	\$23,804,231	\$0.002210			
Lighting	445,387,173	1.68%	<u>\$0</u>	\$0	\$504,591	\$0	\$28,210	\$532,801	\$0.001196			
NC Retail	26,571,382,835	100%	\$21,625,858	\$8,904,274	\$30,103,446	\$7,411,629	\$1,682,958	\$69,728,165	\$0.002624			

- (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 and Small Business Energy Saver 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

NC Rate Class	Adjusted NC Rate Class kWHr Sales ⁽¹⁾	Rate Class Demand Allocation Factor ⁽²⁾ (2)	EnergyWise Program Costs ⁽³⁾	CIG DR Program (4)	Allocated A&G Costs ⁽⁵⁾ (5)	Allocated Carrying Costs ⁽⁵⁾	Total of Allocated Costs (7) = Σ (3 thru 6)	Total DSM Rate (8) = (7) / (1)
Residential	15,356,063,960	66.80%	\$4,711,264	\$0	\$612,242	\$2,320,173	\$7,643,679	\$0.000498
General Service	10,769,931,702	33.20%	\$0	\$632,894	\$87,496	\$331,578	\$1,051,969	\$0.000098
Lighting	445,387,173	0.00%	<u>\$0</u>	\$0	\$0	\$0	\$ 0	\$0.000000
NC Retail	26,571,382,835	100.00%	\$4,711,264	\$632,894	\$699,738	\$2,651,751	\$8,695,647	\$0.000327

- (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

-			Res	idential			Genera	al Service			Light	ing			Totals		
Line	Description	DSM	DSDR	EE	Total	DSM	DSDR	EE	Total	DSM	DSDR	EE	Tota!	DSM	OSDR	EE	Total
1	Test Period DSM/EE Rate Billings ¹ Amounts from Schedule WP R-2	\$ 4,878,588	\$ 12,260,059	\$ 15,812,080	\$ 32,950,727	\$ 825,780	\$ 8,370,006	\$ 5,859,499	\$ 15,055,285	\$.	\$ 352,317	\$ -	\$ 352,317	\$ 5,704,368 \$	20,982,382 \$	21,671,579	\$ 48,358,329
2	Prospective Period DSM/EE Rate Billings ² Amounts from Schedule WP 8-2	2,035,724	4,464,409	7,229,165	13,729,298	346,302	3,459,350	3,009,728	6,815,380	•	139,552		. 139,552	2,382,025	8,063,311	10,238,893	20,684,230
3	Less: Prior Prospective Period Billings ³ Amounts from WP R-2	{1,394,310}	(3,790,164)	(4,241,826)	(9,426,300)	{267,582}	(2,729,295)	(1,712,479)	(4,709,356)	-	(110,418)	-	(110,418)	(1,661,892)	(6,629,878)	(5,954,305)	{14,246,074}
4	Uncollectibles Allowances in Rates ⁴ Amounts from WP 8-9	(30,956)	(72,534)	(105,425)	(208,914)	(360)	(3,620)	(2,847)	(6,827)	-	•	-	-	(31,315)	(76,154)	(108,272)	(215,741)
5	Over or (Under) collection of Uncollectibles 5 Amounts from WP 8-6	5,207	10,370	19,062	34,639	24	332	307	663	-	•	-	-	5,232	10,702	19,368	35,302
6	Undercollection of Home Advantage PPI ⁶ Amounts from WP D-SA	•	-	(5,198)	(5,198)	÷	-	-	-	-	•	-	-		-	(5,198)	(5,198)
7	Undercollection of Appliance Recycling PPt ⁷ Amounts from WP 0-58	-	-	(6,910)	(6,910)	-	-	•	-		-	-	-	-		(6,910)	(6,910)
8	Undercollection of CIG Demand Response PPI ⁸ Amounts from WP 0-58	(10,369)	-	-	(10,369)	-	-	-	•	-	•	-	-	(10,369)	-		(10,369)
9	Interest on Overcollections at 10.0% ⁹ Amounts from WP8-10	-	-	•	-	-	•	-	-	٠	5,429	-			5,429	-	5,429
10	Net Adjustments to DSM/EE EMF Clause	\$ 5,483,884	\$ 12,872,140	\$ 18,700,948	\$ 37,056,972	\$ 904,165	\$ 9,096,773	\$ 7,154,207	\$ 17,155,145	\$ -	\$ 386,879	\$ -	\$ 381,450	\$ 6,388,049 \$	22,355,792 \$	25,855,155	\$ 54,598,997
	I Lines 1 through 9	To Exhibit \$			=	To Exhibit 9		J			To ExtiliN 8		·—-	To Exhibit 9			
			¥ \$31.5	73.088			\$16,25	IN 921							Y	-	
				hibit 8			70,23	•							\$48,210,94 To Exhibit 8		

¹ Actual DSM/EE Rate billings for test period (April 2011 through March 2012) .

² Actual and estimated DSM/EE Rate billings for prospective period (April 2012 through July 2012).

³ Actual DSM/EE Rate billings for prior prospective period (April 2011 through July 2011) .

⁴ Recognition of Docket No. E-2, Sub 977 and Sub 1002 based uncollectible revenues for the period August 1, 2011 through July 31, 2012.

⁵ True-Up of estimated uncollectibles covering the period August 1, 2011 through July 31, 2012.

Recoupment of understated Vintage 2009 Residential Home Advantage Program PPI, adjusted for carrying costs, using verified results.

Recoupment of understated Vintage 2010 Residential Appliance Recycing Program PPI, adjusted for carrying costs, using verified results.

Recoupment of understated Vintage 2010 CIG DR Program PPI, adjusted for carrying costs, using verified results.

^{*} Estimated refund of interest obligation associated with extended test period (August 1, 2011 through July 31, 2012) over-recovery of revenues.

Energy Efficiency Experience Modification Factor Rate Derivation

		Rate Class Energy Allocation Factor (2)		EE EMF Revenue Requirement									
NC Rate Class	Adjusted NC Rate Class kWHr Sales (1) (1)		Residential Programs ⁽³⁾ (3)	CIG Programs ⁽⁴⁾	DSDR ⁽⁵⁾ (5)	Non-DSDR Allocated A&G and Carrying Costs ⁽⁶⁾ (6)	DSDR Allocated A&G and Carrying Costs ⁽⁵⁾	Total of Allocated Costs (6) = £ (3 thru 7)	Less: Prior Period DSWEE Rate Adjustment ⁽⁷⁾	Adjusted EE EMF Revenue Requirement (10)=(8)(9)	Total EE EMF Rate (11) = (10) / (1)		
Residential	15,356,063,960	57.79%	\$17,743,052	\$0	\$11,033,010	\$3,860,669	\$714,746	\$33,351,477	\$31,573,088	\$1,778,389	\$0.000116		
General Service	10,769,931,702	40.53%	\$0	\$7,058,391	\$7,737,970	\$1,28 2,995	\$501,285	\$16,580,641	\$16,250,981	\$329,661	\$0.000031		
Lighting	445,387,173	1.68%	\$0	<u>\$0</u>	\$320,001	\$ 0	\$20,730	\$340,732	\$386,879	-\$4 6,147	-\$0.000104		
NC Retail	26,571,382,835	100.00%	\$17,743,052	\$7,058,391	\$19,090,981	\$5,143,664	\$1,236,762	\$50,272,850	\$48,210,948	\$2,061,902	\$0.000078		

- (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 and Small Business Direct Energy Saver 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	15,356,063,960	66.80%	\$3,699,632	\$ 0 ·	\$691,887	\$1,731,960	\$6,123,479	\$5,483,884	\$639,595	\$0.000042			
General Service	10,769,931,702	33.20%	\$0	\$446,127	\$87,226	\$218,349	\$751,702	\$904,165	-\$152,463	-\$0.000014			
Lighting	445,387,173	0.00%	\$0	\$0	\$0	\$0	\$0	\$0	<u> </u>	\$0.000000			
NC Retail	26,571,382,835	100%	\$3,699,632	. \$446,127	\$779,113	\$1,950,309	\$6,875,181	\$6,388,049	\$ 487,133	\$0.000018			

- (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.

Uncollectibles

DSM/EE Rate

Evans Direct Exhibit No. 10 Page 1 of 1

DSM/EE

PROGRESS ENERGY CAROLINAS, INC.

DSM/EE Annual Rate & EMF - December 2012 through November 2013

All rates are shown in dollars per kWh

D\$M/EE Adjustment Rate

GRT & Reg

NC Rate Class	EE Rate	DSM Rate	DSM/EE Rate	Fee	w/ Gross-up	Adjustment	Billing Rate
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Residential	\$0.002956	\$0.000498	\$ 0.00345	\$ 0.00012	\$ 0.00357	\$ 0.00002	\$ 0.00359
General Service	0.002210	0.000098	0.00231	0.00008	0.00239	0.00000	0.00239
Lighting	0.001196	0.000000	0.00120	0.00004	0.00124	0.00000	0.00124
NC Retail	\$ 0.002624	\$ 0.000328	\$ 0.00295	\$ 0.00010	\$ 0.00305	\$ 0.00001	\$ 0.00306
			xperience Modific	ation Factor (EMF		n ir promeininė kai kar tar svaparininini tar tarakti. V 4,000,000 ta. (d.) š	A COM LANGUAGE PRINCIPAL AND LANGUAGE AND
		DSM EMF	D\$M/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
THE HAVE CHASS	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Residential	\$0.000116	\$0.000042	\$0.00016	\$0.00001	\$0.00017	\$0.00000	\$0.00017
General Service	0.000031	-0.000014	0.00002	0.00000	0.00002	0.00000	0.00002
Lighting	-0.000104	0.000000	-0.00010	0.00000	-0.00010	0.00000	-0.00010
NC Retail	\$0.000078	\$0.000018	\$0.00010	\$0.00000	\$0.00010	\$0.00000	\$0.00010

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	\$0.00359	\$0.00017	\$0.00376
General Service	\$0.00239	\$0.00002	\$0.00241
Lighting	\$0.00124	-\$0.00010	\$0.00114
NC Retail	\$0.00306	\$0.00010	\$0.00316

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.

Progress Energy Carolinas, Inc.

Demand Side Management and Energy Efficiency Programs

Filing Requirements

Pursuant to NCUC Rule R8-69

Docket No. E-2, Sub 1019

June 4, 2012

Contents Listed By Rule R8-69 Based Provisions

Rule R8-69(b)(2) – Experienced over or under-recovery of cost prior to hearing	3
Rule R8-69(d)(2) – List of customers opting out of participation	4
Rule R8-69(f)(1)(i) - Projected NC retail sales for the rate period	5
Rule R8-69(f)(1)(ii)a - Total expenses expected to be incurred during the rate period	6
Rule R8-69(f)(1)(ii)b - Expected cost savings directly attributable to measures	9
Rule R8-69(f)(1)(ii)c - Measurement and verification activities for rate period	10
Rule R8-69(f)(1)(ii)d - Expected summer and winter peak demand reductions	13
Rule R8-69(f)(1)(ii)e - Expected energy reductions	14
Rule R8-69(f)(1)(iii)a - Actual test period costs	15
Rule R8-69(f)(1)(iii)b - Cost savings directly attributable to measures	18
Rule R8-69(f)(1)(iii)c - Measurement and verification activities for test period	19
Rule R8-69(f)(1)(iii)d - Test period summer and winter peak demand reductions	24
Rule R8-69(f)(1)(iii)e - Test period energy reductions	25
Rule R8-69(f)(1)(iii)f - Test period findings and results of measures	26
Rule R8-69(f)(1)(iii)g - Evaluation of event based measure during test period	30
Rule R8-69(f)(1)(iii)h – Comparison of impact estimates	32
Rule R8-69(f)(1)(iv) – Determination of utility incentives	35
Rule R8-69(f)(1)(v) – Actual revenue from DSM/EE and DSM/EE EMF riders	
Rule R8-69(f)(1)(vi) – Proposed DSM/EE and DSM/EE EMF riders	40
Rule R8-69(f)(1)(vii) — Projected NC retail sales for customers opting out of measures	41
Rule R8-69(f)(1)(viii) – Supporting work papers	42
Rule R8-69(f)(2) – Work papers and testimony	43
Appendix A: Non-Participating Customers	44
Appendix B: Program Participants Changing Opt-Out Status	
Appendix C: Allocation Factors	52
Appendix D: Savings By Measure	54
Appendix F: Total Resource Cost Evaluation Results	55

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, 2012 within the timeline provided for by Commission Rule R-69(b)(2). The Company has incorporated its estimated costs for the period April 1, 2012 through July 31, 2012 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.

				th Carolina Retail		
Program / Measure	M80	Depreciation	RCapital Costs	Income and	PPI and Net	Total Costs and
Demand-Side Management Pro						
CIG DR	709,671				-	709,671
EnergyWise TM	2,258,197				-	2,258,197
Energy Efficiency Programs						
DSDR Implementation ²	2,318,748	2,015,889	2,641,244	1,486,697	-	8,462,578
Res Home Advantage	157,925				130,361	288,286
Res Home Energy Improve.	1,543,876				246,575	1,790,451
Residential Low Income-NES ³	585,504			,	182,425	767,929
CIG Energy Efficiency	2,680,157				1,357,128	4,037,285
Solar Hot Water Heating Pilot*					•	•
Residential Lighting ⁵	1,877,989				2,881,514	4,759,503
Res Appliance Recycling	586,977	-			200,961	787,938
Res EE Benchmarking ⁶	246,652				165,589	412,241
Small Business Energy Saver	607,669				-	607,669
Residential New Construction	911,509				-	911,509
CFL Pilot	•					-
Program Subtotals	14,484,874	2,015,889	2,641,244	1,486,697	5,164,553	25,793,257
			* .			
A&G-General ⁷						882,755
Return on Balances ⁸						2,545,456
Expenditure Totals	indiani.		XIME TO CO.	A. Breze	#18.	29,221,468

PEC estimates that it will bill \$20,684,930 in non-EMF DSM/EE Rider related revenue from the end of the test period through July 31, 2012.

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

⁵ O&M expenses for the Residential Lighting Program will be recovered through the DSM/EE Rider over a five-year period

⁶ O&M expenses for the Residential EE Benchmark Program are not subject to deferral.

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

⁶ 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, 2012, 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, 2012 through November 30, 2013, are provided in the following table:

Projected North Carolina Retail Monthly kWh Sales

Month	Estimated kWh
Dec-12	3,071,665,763
Jan-13	3,494,097,742
Feb-13	3,349,691,679
Mar-13	3,055,965,263
Apr-13	2,844,536,634
May-13	2,675,365,993
Jun-13	3,162,034,631
Jul-13	3,553,867,189
Aug-13	3,627,711,051
Sep-13	3,417,426,355
Oct-13	2,874,574,242
Nov-13	2,636,932,307
Total	37,763,868,849

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, 2012 through November 30, 2013, have been broken down by type of expenditure and provided in the following table:

		ात Recoverabl	e Expenditures (System Retail)	irinanguris († 1	
Program / Measure	0&M	Depreciation	Capital Costs	Income and General Taxes	PPI and Net Lost Revenue	Total Costs and Incentives
Demand-Side Management Pro	ograms					
CIG DR	2,491,691				111,018	2,602,709
EnergyWise TM	9,326,671			,	1,103,139	10,429,810
Energy Efficiency Programs						
DSDR Implementation ²	8,058,310	12,231,534	12,333,167	7,263,927	•	39,886,938
Res Home Advantage	26,923				539,301	566,224
Res Home Energy Improve.	4,768,461				1,139,787	5,908,248
Residential Low Income-NES ³	2,071,261				632,778	2,704,039
CIG Energy Efficiency	10,299,170				6,597,149	16,896,319
Solar Hot Water Heating Pilot ⁴	-				-	
Residential Lighting ^S	6,130,658				11,748,358	17,879,016
Res Appliance Recycling	2,357,950	·			948,061	3,306,011
Residential EE Benchmark ⁶	714,934	·			83,189	798,123
Small Business Energy Saver	2,954,072				-	2,954,072
Residential New Construction	7,118,466					7,118,466
CFL Pilot	-					
Program Subtotals	56;318;567	12,231,534	12,333,167	7,263,927	22,902,781	111,049,976
Administrative and General	- · · · · · · · · · · · · · · · · · · ·					2,850,657
Return on Balances ⁷						11,530,947
Expenditure; Totals						125,431,579

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

⁵ O&M expenses for the Residential Lighting Program will be recovered through the DSM/EE Rider over a five-year period

⁶ O&M expenses for the Residential EE Benchmark Program are realized as they are incurred.

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)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	Years	DSM(Costs)/(MW	EE Costs / (MWH x Years) ²
Demand-Side Management Programs (
CIG DR	2,491,691	30-угѕ	\$3,683	NA
EnergyWise TM	9,326,671	30-yrs	\$2,332	NA
Energy Efficiency Programs (Calculated	Using Incremental 2012 MW	H Savings - at the mete	r)	.i.
DSDR Implementation ³	39,886,938	30-yrs	\$5,402	NA
Res Home Advantage	26,923	20-yrs	NA	· \$68
Res Home Energy Improvement	4,768,461	15-yrs	NA	\$58
Residential Low Income-NES	2,071,261	10-γrs	NA	\$50
CIG Energy Efficiency	10,299,170	10-yr	NA	\$21
Solar Hot Water Heating Pilot ⁴	NA	NA	NA	NA
Residential Lighting	6,130,658	7-yrs	NA	\$16
Res Appliance Recycling	2,357,950	10-γrs	NA	\$37
Residential EE Benchmark	714,934	1-yr	NA	\$62
Home Depot CFL	-	NA	NA	NA
Small Business Energy Saver	2,954,072	10-yrs	NA	\$19
Residential New Construction	7,118,466	20-yrs	NA	\$62

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 Pilot Program concluded in 2011.

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, 2012 through November 30, 2013, have been broken down for North Carolina jurisdictional retail customers by type of expenditure and provided in the following table:

Program// Measure 2015	08M	Depreciation	a Capital Costs	Income and	PPI and Net Lost Revenue	Total Costs and Incentives
Demand-Side Management Pro						
CIG DR	2,158,552				96,175	2,254,727
EnergyWise TM	8,079,695			, and the second	955,649	9,035,344
Energy Efficiency Programs						
DSDR Implementation ²	6,973,209	10,584,484	10,672,431	6,051,728	-	34,281,852
Res Home Advantage	23,132				463,367	486,499
Res Home Energy Improve.	4,097,062				979,305	5,076,367
Residential Low Income-NES ³	1,779,627				543,683	2,323,310
CIG Energy Efficiency	8,849,047				5,668,270	14,517,317
Solar Hot Water Heating Pilot ⁴	-				-	-
Residential Lighting ⁵	5,267,461				10,094,190	15,361,651
Res Appliance Recycling	2,025,951				814,574	2,840,525
Residential EE Benchmark	614,271				71,476	685,747
Small Business Energy Saver	2,690,912		,		-	2,690,912
Residential New Construction	6,340,005			-	-	6,340,005
CFL Pilot	-				-	-
Program Subtotals	48,898,924	10,584,484	掘10,672,431	6,051,728	19,686,690	95,894,257
Administrative and General						2,454,208
Return on Balances ⁷		•	·			10,209,743
Expenditure Totals	alecres consequitor	merenan ara	and entitles	Maria de la companya del companya de la companya de la companya del companya de la companya de l		108,558,208

The Company's proposed jurisdictional allocation factors for the rate period, December 1, 2012 through November 30, 2013, 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 PPI and net lost revenue recoveries were not requested by the Company for its Residential Solar Hot Water Heating Pilot . . . Program.

⁵ O&M expenses for the Residential Lighting Program will be recovered through the DSM/EE Rider over a five-year period.

⁶ O&M expenses for the Residential EE Benchmark Program are realized as they are incurred.

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, 2012 through November 30, 2013 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	35,268	\$ 282.97		
CIG DR	143,927	271	531.27		
EnergyWise [™]	845,300	573	1,474.60		
CIG Energy Efficiency	6,596,771	131,676	50.10		
Res Home Advantage	404,950	8,158	49.64		
Res Home Energy Improvement	832,379	17,830	46.68		
Res Low Income-NES	1,119,254	13,565	82.51		
Residential Lighting	10,752,120	214,031	50.24		
Res Appliance Recycling	784,635	15,971	49.13		
Residential EE Benchmark	1,376,859	14,400	95.62		
CFL Pilot	416,250	6,706	62.07		
Totals	\$ 23,272,444	423,180	\$ 2,492		

The Company's proposed jurisdictional allocation factors for the rate period, December 1, 2012 through November 30, 2013, are provided in attached Appendix C.

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

DSDR

A critical component of the DSDR program is the Distribution Management System ("DMS"). When the DMS is placed in service (scheduled for September 1, 2012) it will be used to determine DSDR program energy savings (MWh) and demand reduction (MW) in real time.

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

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

EnergyWise[™]

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 EnergyWiseTM program.

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

M&V services to be performed through November 2013 include:

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

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

Reporting

The total budget for EnergyWise™ M&V activities for the rate period is \$325,000.

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.

Navigant is performing yearly program evaluations for Progress Energy Carolinas' CIG Demand Response program, including all relevant impact and process evaluation services required to support program planning and implementation, system resource planning and forecasting, and regulatory filings.

M&V services to be performed through November 2013 include:

- · Process evaluation interviews
- Verify measure and persistence through on-site visits
- · Collect 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 \$49,996.

Energy Efficiency Portfolio

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 energy efficiency portfolio.

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

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

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

M&V services to be performed through November 2013 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

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

Rate Period Budget	
\$113,502	•-
\$229,000	· · ···-
\$102,498	
\$250,000	
\$199,000	
\$127,417	
\$383,000	
\$125,808	
\$37,408	
	\$113,502 \$229,000 \$102,498 \$250,000 \$199,000 \$127,417 \$383,000 \$125,808

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 recovery. The reductions are provided by measure and in aggregate.

Expected Summer Peak Demand Reduction (MW)

	CIG DR	Energy Wise	DSDR	Res Home Advantage	Res HEIP	Res Low Income	Res in the same	Res Apply 1	Res EE Bench Imarken	E G	CFL. Pilot	SMB Energy Saver	Res New Const	Solar Water Heater Pilot	Total
2012	17.2	105.6	166.0	2.6	16.6	2.1	20.4	1.8	2.6	30.7	0.6	2.4	0.001	0.05	369.6
2013	22.2	127.5	236.1	2.6	21.3	2.7	25.4	2.6	2.1	42.9	0.6	6.1	0.003	0.05	492.9
2014	27.2	145.9	242.0	2.6	26.4	3.3	29.4	3.3	2.6	55.8	0.6	9.7	0.006	0.05	549.8
2015	32.2	160.9	247.3	2.6	31.0	4.0	32.4	3.9	1.9	69.5	0.6	13.4	0.008	0.05	600.5

Expected Winter Peak Demand Reduction (MW)¹

	CIG DR	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	DSDR.	Res Home Advantage	Res HER	Res Low Income	Res Light	Responding	ELLANDER SERVICE SERVI	CIG EE	CFL Pilot	Energy	Res New	Solar Water Heater Pilot	Total
2012	-	6.2			6.4	-	-	-	-	•	0.6			0.07	13.3
2013	-	7.4	-	-	8.1	-	-	-	•	•	0.6			0.07	16.2
2014	-	8.6		•	10.0	-	-	•	-	-	0.6			0.07	19.3
2015	-	9.8	-		11.7	-	-	•	•	-	0.6		l	0.07	22.2

¹ With the exception of PEC's EnergyWiseTM 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.

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 recovery. The reductions are provided both by measure and in aggregate.

Expected Energy Reductions (MWH)

	CIG DR	Energy (DSDR	Res Home Advantage	Res HEIP	Res Los	Res Light	Appli Recycl	Res Et al.	CIGEE	<u> </u>	Energy.	New.	Solar Water Heater Pilot	Total
2012	271	573	35,268	8,158	17,830		214,031	15,971	14,400	131,676	6,706	10,002	3,027	29	471,520
2013	361	679	55,333	8,158	23,337	17,741	266,802	22,296	11,520	181,896	6,706	25,002	8,811	29	628,685
2014	451	793	56,257	8,158	29,395	21, 9 17	309,019	28,938	14,400	234,900	6,706	40,002	15,201	29	766,179
2015	541	887	57,064	8,158	34,848	26,093	340,682	33,920	10,800	290,904	6,706	55,002	21,910	29	887,556

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, 2011 through March 31, 2012, have been broken down by type of expenditure and are provided in the following table:

				System, Retail)		
Program / Measures Fish He	0.8M	Depreciation	Capital Costs	Half Income and its A General Taxes h	PPL and Net	Total Costs and Incentives
Demand-Side Management Pro						·
CIG DR	1,554,896				114,065	1,668,961
EnergyWise TM	12,096,028				1,046,305	13,142,333
Energy Efficiency Programs				N		
DSDR Implementation ²	8,592,073	5,594,441	8,092,812	4,624,223	-	26,903,549
Res Home Advantage	1,756,875				437,367	2,194,242
Res Home Energy Improve.	5,484,459				991,442	6,475,901
Residential Low Income-NES ³	2,029,536				481,804	2,511,340
CIG Energy Efficiency	8,645,038				5,211,358	13,856,396
Solar Hot Water Heating Pilot ⁴	109,019				-	109,019
Residential Lighting ^S	6,132,506				8,300,557	14,433,063
Res Appliance Recycling	1,125,022				583,467	1,708,489
Residential EE Benchmark	735,768				620,896	1,356,664
Small Business Energy Saver	74,963				-	74,963
Residential New Construction	50,490				-	50,490
CFL Pilot	-				-	-
Program Subtotals	48,386,673	£5,594,441	8,092,812	4,624,223	17,787,261	84,485,410
Administrative and General				•		2,508,196
Return on Balances ⁷						7,091,620
Expenditure Totals						94,085,226

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

⁵ O&M expenses for the Residential Lighting Program will be recovered through the DSM/EE Rider over a five-year period.

⁶ O&M expenses for the Residential EE Benchmark Program are realized as they are incurred.

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

	17 45 6	Recoverable Ex	penditures (Nor	th Carolina Retail) E teration	}
Program/, Measure A						Total Costs and
Demand-Side Management Pro						
CIG DR	1,344,254				98,655	1,442,909
EnergyWise TM	10,456,993				904,949	11,361,942
Energy Efficiency Programs						
DSDR Implementation ²	7,417,761	4,830,020	6,985,704	3,870,313	-	23,103,798
Res Home Advantage	1,502,562				374,080	1,876,642
Res Home Energy Improve.	4,690,335				847,980	5,538,315
Residential Low Income-NES ³	1,735,668				412,087	2,147,755
CIG Energy Efficiency	7,392,815				4,457,274	11,850,089
Solar Hot Water Heating Pilot ⁴	93,239				•	93,239
Residential Lighting ⁵	5,244,717				7,099,466	12,344,183
Res Appliance Recycling	962,124		.		499,039	1,461,163
Residential EE Benchmark ⁶	629,295				531,052	1,160,347
Small Business Energy Saver	64,116					64,116
Residential New Construction	43,184				-	43,184
CFL Pilot	-				-	-
Program Subtotals	41,577,063	4,830,020	6,985,704	3,870,313	15,224,584	72,487,684
Administrative and General		,				2,158,300
Return on Balances ⁷		-	· · · · · · · · · · · · · · · · · · ·		:	6,004,055
Expenditure Totals						80,650,039

For purposes of cost recovery through the North Carolina DSM/EE rider, the Company's actual expenses for the test period, April 1, 2011 through March 31, 2012, 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.

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

⁵ O&M expenses for the Residential Lighting Program will be recovered through the DSM/EE Rider over a five-year period.

⁶ O&M expenses for the Residential EE Benchmark Program are realized as they are incurred.

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.

Programiy, Measure			DSM Costs// DSM Costs// E(MW.x.Years)	FE Costs // (MWH
Programi/ Measure	System Costs	Years	MW(x,Years)	x Years) 2
Demand-Side Management Programs				
CIG DR	1,554,896	30-yrs	\$3,689	NA
EnergyWise TM	12,096,028	30-yrs	\$3,906	NA
Energy Efficiency Programs (Calculate	l Using Incremental Cal	endar 2011 MWH Sa	vings - at the meter)	
DSDR Implementation ³	26,903,549	30-γrs	\$3,721	NA
Res Home Advantage	1,756,875	20-yrs	NA	\$22
Res Home Energy Improvement	5,484,459	15-yrs	NA	\$116
Residential Low Income-NES	2,029,536	10-yrs	NA	\$46
CIG Energy Efficiency	8,645,038	10-yr	NA	\$21
Solar Hot Water Heating Pilot ⁴	109,019	20-угѕ	NA	\$1,765
Residential Lighting	6,132,506	7-yrs	NA	\$13
Res Appliance Recycling	1,125,022	10-yrs	NA	\$21
Residential EE Benchmark ⁵	735,768	1-yr	NA	\$54
Small Business Energy Saver	74,963	10-yrs	NA	NA
Residential New Construction	50,490	20-yrs	NA	NA
CFL Pilot	NA	NA	NA	NA

The Company's proposed jurisdictional allocation factors for the test period, April 1, 2011 through March 31, 2012, 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 Solar Water Heating Pilot Program concluded in 2011. Recruitment of pilot participants occurred during the period of September 2009 through July 2011. Test period MWH savings is attributable to the recruitment of the final 16 of 150 participants.

⁵ Amounts reflect developmental expenditures – rollout to commence during prospective period.

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, 2011 through March 31, 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	мwн	Savings Per MWH
DSDR Implementation	\$ 7,205,375	25,229	\$ 285.59
CIG DR	104,861	266	394.21
EnergyWise™	688,522	512	1,346.06
CIG Energy Efficiency	4,513,752	86,550	52.15
Res Home Advantage	314,040	6,242	50.31
Res Home Energy Improvement	775,510	13,730	56.48
Res Low Income-NES	898,075	9,426	95.28
Res Lighting	6,821,468	150,013	45.47
Res Appliance Recycling	446,693	9,934	44.96
Residential EE Benchmark	642,423	13,806	46.53
Res Solar Water Heating Pilot	16,049	29	554.38
CFL Pilot	422,250	6,706	62.97
Totals	\$ 15,643,642	297,215	\$ 2,748.80

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

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

DSDR

PEC has established a standard, statistical-based test methodology that can accurately demonstrate the dependability of DSDR as a peak load reduction tool. Testing of the methodology has successfully confirmed the magnitude of peak demand reduction achieved by voltage reduction, as well as its sustainability over a 6 hour period. It has also enabled the validation of planned demand reduction benefits associated with mangy of the DSDR Program implementation initiatives.

The 2011 voltage reduction testing demonstrated an annual increase in peak demand reduction of 8 MW, which resulted from the completion of additional Feeder Conditioning, Grid System Design, and Telecom work. The cumulative reduction in electrical losses gained through Feeder Conditioning improvements was also evaluated and determined to be approximately 5 MW.

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

EnergyWiseTM

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 EnergyWiseTM program.

Navigant is continuing a multi-year program evaluation plan for Progress Energy Carolinas' 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, system resource planning and forecasting, and regulatory filings.

M&V services to be performed through March 2012 include:

- Collect program data
- Process evaluation interviews
- Verify measure and persistence through on-site visits
- Collect interval data
- · Program database review

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

- · Benchmarking research
- · Dispatch optimization modeling
- Data analysis
- Reporting

Total cost of EnergyWise[™] M&V-activities for the test period through March 2012 is \$342,856.

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.

Navigant is performing yearly evaluations for Progress Energy Carolinas' CIG Demand Response program, including all relevant impact and process evaluation services required to support program planning and implementation, system resource planning and forecasting, and regulatory filings.

M&V results for the program year 2010 are contained in the CIG Demand Response EM&V report dated December 27, 2011 filed on January 3, 2012 in Docket E-2, Sub 953.

M&V services performed through March 2012 include:

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

Total cost of CIG Demand Response M&V activities for the test period through March 2012 is \$112,042.

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

Energy Efficiency Portfolio

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 energy efficiency portfolio.

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

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

Neighborhood Energy Saver Program

M&V services performed through March 2012 include:

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

Residential Lighting Program

M&V services performed through March 2012 include:

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

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

Appliance Recycling Program

M&V results for the program year 2010 are contained in the Appliance Recycling Program EM&V report dated December 21, 2011 filed on January 3, 2012 in Docket E-2, Sub 970.

M&V services performed through March 2012 include:

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

Home Advantage Program

M&V results for the program year 2009 are contained in the Home Advantage Program EM&V report dated August 29, 2011 filed on September 14, 2011 in Docket E-2, Sub 928.

M&V services performed through March 2012 include:

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

Home Energy Improvement Program

M&V results for the program year 2009 are contained in the Home Energy Improvement Program EM&V report dated April 11, 2011 filed on May 3, 2011 in Docket E-2, Sub 936.

M&V services performed through March 2012 include:

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

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

Energy Efficiency for Business Program

M&V results for the program year 2009 are contained in the Energy Efficiency for Business EM&V report dated July 18, 2011 filed on July 25, 2011 in Docket E-2, Sub 938.

M&V services performed through March 2012 include:

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

Residential Energy Efficient Benchmarking Program

M&V services performed through March 2012 include:

- Develop evaluation action plan
- EM&V plan dated January 5, 2012 filed on January 6, 2012 in Docket E-2, Sub 989

Test period costs for EE portfolio M&V activities is summarized in the following table

Test Period Budget	
\$129,007	
\$274,898	
\$74,521	
\$41,916	
\$96,495	<u> </u>
\$284,291	
\$2,444	*
	\$129,007 \$274,898 \$74,521 \$41,916 \$96,495 \$284,291

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 information and energy conservation measures to encourage and reduce energy consumption and costs in low-income homes. A comprehensive package of energy conservation measures is installed in the homes of low-income families to assist them in reducing their overall energy use and household energy costs. The Program has served 10,177 participants from its inception through December 2011. The program has experienced greater than expected program participation with over 85% of the eligible residents choosing to participate and receive the services.

Home Advantage Program

The Home Advantage Program was launched in January 2009 to encourage home builders and residential developers to build to ENERGY STAR standards. While participation was nominal in 2009, partially as a result of the recession and the distressed housing industry, participation levels began to rebound in 2010. Through year end 2011, 3,143 homes have been built to Home Advantage standards, capturing approximately 70% of the Energy Star Homes built to date.

However, with the changes in standards resulting from the adoption of the 2012 North Carolina Energy Conservation Code, the program is no longer cost effective. As a result, the program will only accept rebate applications for homes that were permitted before March 1, 2012 and completed by February 28, 2013. The Home Advantage program will be replaced by a new program, anticipated to be filed second quarter of 2012.

Residential Lighting Program

The Residential Lighting Program launched in January of 2010. This program works through Compact Fluorescent Light (CFL) bulb manufacturers and retailers to offer discounts to PEC customers at the register on CFLs.

The second year of the program experienced lower sales from 2010 as a result of decreased incentive levels, retail price increases due to rare earth component costs and the general economic slowdown. Even with these factors, the program moved over 6.5 million bulbs over the two years. This is over a million more bulbs than originally projected in PEC's program filing.

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

Appliance Recycling Program

The Appliance Recycling Program was launched in April of 2010. Participation levels to date have been lower than anticipated. During the test period the program recycled 7,330 units. Overall program performance can be attributed to higher customer interest in energy efficiency, PEC's rebates, and customer acceptance and appreciation of the recycling benefits of the program for the environment. Since this is a retirement program, a challenge is reaching those customers with second refrigerators / freezers to encourage them to recycle them.

For more information, refer to the 2010 EM&V Report for the Appliance Recycling Program filed with the Commission on January 3, 2012 (Docket No. E-2, Sub 970).

Solar Water Heating Pilot Program

The Solar Water Heating Pilot Program launched in June 2009. The purpose of the program was to determine and validate achievable energy savings associated with residential solar water heating technologies. Installation of monitoring equipment began in July 2010 and was complete by September 13, 2010. Initial summer data collection efforts began in August 2010 and monitoring was completed in August 2011.

For information regarding the results of the pilot, refer to the report filed with the commission on February 20, 2012 (See Docket No. E-2, Sub 937).

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 from a list provided by Company to install energy efficiency measures. During the test period, 45,815 measures were installed. The overall program success can be attributed to higher customer interest in energy efficiency, customers capitalizing on federal tax credits in conjunction with PEC's rebates, and promotion of the program by contractor acceptance.

Despite implementation of approved changes to the program, current economic conditions are impacting program participation due to less disposable income and expiration of federal tax credits.

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

Energy Efficiency for Business (EEB) Program

The Energy Efficiency for Business (EEB) program promotes energy efficient construction and retrofit in Progress Energy's commercial, industrial, and governmental markets. During the test period, the program yielded 29,704 MWh and 7.4 MW savings. Large customer interest in the EEB program has decreased slightly. Though large customer interest has declined, the program continues to be sustained by strong participation from small and mid-sized commercial customers, especially in the retrofit portion of the program.

During 2011, customer applications for new construction incentives and for technical assistance dollars increased over the prior year. Lighting continued to be the primary program impact driver during 2011. EEB's technical assistance incentives appear to have been a key enabler, as the majority of customers who have applied for technical assistance have subsequently implemented energy efficiency projects.

The growth in MWh savings in 2011 can be attributed to greater customer knowledge of EEB, and the maturation of the program's trade ally network.

Residential Load Control Program (EnergyWiseSM)

The summer program (air conditioning load control), which is available to eligible customers system-wide, has experienced a participation level for the test period that has been right at or slightly above the Company's internal projections. Response rate to the direct mail campaign has averaged 1.0% for the test period. The primary form of enrollment continues to be through business reply cards, which has constituted 70% of all enrollments. The remainder of enrollments has been through inbound telephone calls at 19% and online web enrollments at 11%. The summer program was activated eight times during the test period in response to system reliability alerts under General Load Reduction Plan (GLRP), economic dispatch, and system testing.

The winter program (load control of water heating and auxiliary heat strips on central electric heat pumps) is available to PEC's Western region customers only. The program's participation levels for the test period have been below the Company's internal projections. Response rate to the direct mail campaign has been 0.6%. Even after enrollment it has been a challenge to install the load control switches since installation requires a customer appointment to enter the home. Approximately 20% of customers enrolling via the direct mail business reply card (BRC) either did not respond to outbound telephone calls to schedule an appointment, rescheduled multiple.

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

times, or cancelled appointments all together. Actual installations have also been diluted by a higher than expected percentage of customer equipment in poor condition and/or in need of repair, and customers who are unaware of their energy source for water and space heating. Though the winter load control capability is relatively small at approximately 5 MW, it was activated one time during the test period in the winter months in response to a Level 2 system reliability alert under the PEC General Load Reduction Plan (GLRP).

Refer to Rule R8-69 (f)(1)(iii)g | for additional details regarding load control events during the test period.

CIG DR (Demand Response Automation)

Participation in the Demand Response Automation (DRA) program has been below the Company's internal projections. Four customers at four customer sites were enrolled in the program during the test period, accounting for approximately 2.5 MW of contracted curtailable demand, bringing the total program to approximately 13.3 MW. Seventy-eight percent of the contracted curtailable demand 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. An additional barrier was initially introduced in Spring of 2010 with the EPA NESHAP (National Emissions Standards for Hazardous Air Pollutants) ruling on existing emergency generators. The initial ruling was subsequently modified and limits existing emergency backup generators that are manufactured on or before 2006 to 60 hours of operation in 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". The program was activated four times during the test period in response to minimum event requirements of the program tariff and system reliability alerts under the PEC General Load Reduction Plan (GLRP).

For more information, refer to the 2010 EM&V Report for Commercial, Industrial and Governmental Demand Response Automation (DRA) Program filed with the Commission on January 3, 2012 (Docket No. E-2, Sub 953).

DSDR

During the twelve month period ending March 31, 2012, DSDR was not activated except for testing. The full potential of DSDR activations will be realized when its DMS capabilities are up and running later this year. 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, 2012, 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, 2012:

	Weather			Switches	Number of Customers	Number of Customers
Date	Conditions	Event Trigger ¹	Control Mode	Activated		
Date	Conditions	Event migger	Control Mode	Activated	Controlled	Enrolled
May-31-11	98.0° F	GLRP System Reliability Alert	AC Units	68,746	57,662	57,662
Jun-01-11	93.0° F	GLRP System Reliability Alert	AC Units	68,831	57,732	57,732
Jul-12-11	98.0° F	Economic	AC Units	70,632	61,292	61,292
Jul-22-11	100.0° F	Economic	AC Units	71,706	62,230	62,230
Jul-29-11	100.0° F	Economic	AC Units	72,396	62,829	62,829
Aug-04-11	95.0° F	Economic	AC Units	72,862	63,244	63,244
Aug-08-11	96.0° F	Economic	AC Units	72,999	63,366	63,366
Aug-25-11	91.0° F	Testing	AC Units	74,605	64,803	64,803
Jan-04-12	15.0° F	GLRP Reliability Level 2	Water Heaters	3,581	3,479	3,479
Jan-04-12	15.0° F	GLRP Reliability Level 2	Heat Strips	2,471	2,213	2,213

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, 2012:

	-		1			
				Points of	Number of:	Númber of
	Weather			Delivery	Customers	Customers
Date	Conditions	Event Trigger ¹	Control Mode	Controlled	Controlled	Enrolled
Jul-12-11	98.0° F	Minimum Event Requirement	NA	39	14	14
Jul-22-11	100.0° F	Minimum Event Requirement	NA	39	14	14
Aug-08-11	96.0° F	Minimum Event Requirement	NA	39	14	14
Jan-04-12	15.0° F	GLRP System Reliability Alert	NA	5	2	14

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 1002

	CIG DR	Energy Wise 5	DSDR	Res Home Advantage	Res HEIP.	Resultation in the company of the co	Res stigh ting t	Res Appl Appl Recycl- ing	Res EE	CGE		SMB Energy Saver	Res New Const	Solar Water Heater 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	_	-	<u> </u>	673.8

Actual and Anticipated Summer Capacity Values

	CIG DR	Energy Wise 4	DSDR ₃	Res Home Advantage	Res HEP.	Res Low de Income	Result Ligh ting	Res Appl Recycl ing	Res EE S Bench Mark	7. G 19 10. G 29 10. G 29	TECF PIO	SMB Energy Saver	Res New Const	Solar Water Heater Pilot	Total
2011	12.6	91.8	105.0	2.0	13.1	1.5	14.3	1.2	2.5	19.6	0.6	-	•	0.05	264.2
2012	17.2	105.6	166.0	2.6	16.6	2.1	20.4	1.8	2.6	30.7	0.6	2.4	0.001	0.05	369.6
2013	22.2	127.5	236.1	2.6	21.3	2.7	25.4	2.6	2.1	42.9	0.6	6.1	0.003	0.05	492.9
2014	27.2	145.9	242.0	2.6	26.4	3.3	29.4	3.3	2.6	55.8	0.6	9.7	0.006	0.05	549.8

Differences Between Previous and Updated Summer Capacity Values

ì	CIG DR	Energy Wise	DSOR.	Res Home Advantage	Res HEIP	Resultant Low Income	Reserved in the second	Recycl* Recycl*	Res EE a Bench- mark	GGEE	CFL PIO	SMB Energy Saver	Res Xew Const		Total
2011	(11.1)	(1.7)	(3.0)	(0.2)	0.5	0.1	-	(0.5)	(0.1)	(0.6)	-	•	-	0.05	(16.6)
2012	(20.5)	(27.9)	(75.0)	(1.6)	(1.8)	0.1	(0.2)	(1.7)	-	(0.5)	-	2.4	0.0	0.05	(125.7)
2013	(29.6)	(43.1)	(12.7)	(4.5)	(3.5)	-	(0.3)	(2.9)		(0.5)	· -	6.1	0.0	0.05	(90.2)
2014	(38.6)	(61.8)	(15.4)	(8.0)	(5.4)		(0.4)	(4.6)		(0.5)		9.7	0.0	0.05	(124.0)

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

Forecasted Winter Capacity Values from Docket No. E-2, Sub 1002

											-,				
:	FCIG DR	Energy in	DSDR I	Res Home Advantage	ES HE	Res. Low in Income	Res Joseph	Res Appl & Recycl-n	Res EE Bench mark	CIGEE	LE PIO	SMB Energy Saver	Res New Const	Solar Water Heater 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

Actual and Anticipated Winter Capacity Values

	CIG DR	Energy Wise A	DSDR.	Res Home Advantage	Res HEIP	Res Low Income	Ees Geg	Res Appl Recycl- ing	Res EE	CIG EE	CFL Pilot	SMB Energy Saveri	Res New Const	Solar Water Heater Pilot	Total
2011	-	5.0	-		4.8	-	-	•	-	•	0.6	-	-	0.07	10.5
2012	-	6.2	-	-	6.4	•	-	•	-	-	0.6	•		0.07	13.3
2013	-	7.4	-	- ·	8.1		-	-	-	•	0.6	•	-	0.07	16.2
2014	-	8.6	-		10.0	-		-	-		0.6	•	-	0.07	19.3

Differences Between Previous and Updated Winter Capacity Values

	CIG DR	Energy Wise 13	DSDR 1	Res Home Advantage	Res HEIP	Res (Williams)	2,92,63 2,93,6	Res III Applies Recycles	Res EE	CIG EE	E C E	SMB 3 Energy Saver	Res New Const	Solar Water Heater Pilot	Total
2011		(0.3)	-	-	-	-	-		-	•	(0.1)	-	•	0.07	(0.3)
2012	-	(1.2)		-	-	-		-	-	-	(0.1)		-	0.07	(1.2)
2013		(2.1)	-	-	-	-		-	•	-	(0.1)		- 1	0.07	(2.1)
2014	-	(3.1)	-		-	_	•		-	-	(0.1)	-	-	0.07	(3.1)

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 1002

	CIG DR	Energy Wise	OSDR	Res Homes Advantage	Res HEIP	1 Children Harrison	Res Lighting (C	Recycl	Res EE Bench mark	CIG EE	CFL Pilot	SMB Energy Saver	Res New Const	Solar Water Heater Pilot	Total
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
2014	1,076	1,236	57,194	28,303	36,710	21,647	314,304	38,528	14,400	238,200	6,706	-		-	758,304

Actual and Anticipated Energy Values

	CIG DR	I VVISES T	The Charles of French			Res Vi Low Income	Rest in	Res Appl Recycling	Res ELT Bench mark	CIG FE	E Company	Saver	Res New Const.	Solar Water Heater Pilot	Total
2011	266	512	25,229	6,242	13,730	9,426	150,013	9,934	13,806	86,550	6,706		-	29	322,444
2012	271	573	35,268	8,158	17,830	13,565	214,031	15,971	14,400	131,676	6,706	10,002	3,027	29	471,520
2013	361	679	55,333	8,158	23,337	17,741	266,802	22,296	11,520	181,896	6,706	25,002	8,811	29	628,685
2014	451	793	56,257	8,158	29,395	21,917	309,019	28,938	14,400	234,900	6,706	40,002	15,201	29	766,179

Differences Between Previous and Updated Energy Values

	English COR	Energy Wise	DSDR	Res Home Advantage	Res HEIP	Low	Res Lighting	Res Appl Recyci	ELL LES	CIG		SMB Energy Saver	Results Results No.	Solar Water Heater Pilot	Total
2011	(51)	179	(5,046)	0	219	307	(725)	(400)	(594)	(3,256)	•.	•		29	(9,336)
2012	(299)	(53)	(19,663)	(3,269)	(2,690)	270	(3,743)	(2,240)	-	(3,308)	-	10,002	3,027	29	(21,920)
2013	(462)	(154)	(749)	(11,016)	(4,892)	270	(4,599)	(5,285)	-"	(3,305)		25,002	8,811	29	3,664
2014	(625)	(443)	(937)	(20,145)	(7,314)	270	(5,285)	(9,589)	<u> </u>	(3,301)		40,002	15,201	29	7,877

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.

	Sales Loss For Purposes of	Lost Revenue Calculation rth Carolina
Program/. Measure	Test Period (4/1/11	Rate Period (12/1/12
Demand-Side Management Programs		
CIG ĐR'	82.38	•
EnergyWise ¹	178.71	•
Energy Efficiency Programs		
DSDR Implementation ¹	•	-
Res Home Advantage	4,620.34	5,839.84
Res Home Energy Improve.	10,933.18	13,647.76
Residential Low Income-NES	7,309.27	11,311.90
Residential Lighting	109,970.33	176,209.44
Res Appliance Recycling	7,692.70	15,010.21
Residential EE Benchmark	8,828.81	•
Solar Hot Water Heating Pilot	•	-
CIG Energy Efficiency	70,078.55	105,232.62
Small Business Energy Saver	-	-
Residential New Construction	-	-
CFL Pilot		
Total Reduction in Energy (kWh)	219,694.28	327,251.76

¹ 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 (4/1/11 through 3/31/12). The PPI values encompass program results associated with program vintages 2009, 2010 and 2011.

	美数型Utility Incent	tives (North Carolina Onl	y) = Test Period (4/1/11 tl	rough 3/31/12)
Program / Measure	Net Lost Revenue	DSM PPI (L. C.)	EE PPI	Total
Demand-Side Management Programs				
CIG DR	3,733	94,922	•	98,655
EnergyWise	10,081	894,868	-	904,949
Energy Efficiency Programs				
DSDR Implementation	<u>-</u>	•	•	
Res Home Advantage	260,488	. •	113,592	374,080
Res Home Energy Improve.	616,398	-	231,582	847,980
Residential Low Income-NES	412,087	•	•	净 小油 412:087
Residential Lighting	6,199,982	-	899,485	7,099,466
Res Appliance Recycling	433,704	•	65,334	499,039
Residential EE Benchmark	497,757	-	33,296	(1) 运送531,052
Solar Hot Water Heating Pilot	-		-	
CIG Energy Efficiency	3,175,540		1,281,734	1 4,457,274
Small Business Energy Saver	•	-	•	
Residential New Construction	-		-	gara yanan ya
CFL Pilot	-		•	
Total Utility Incentives Including	11,609,772	989,790	2,625,022	15,224,584

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, 2011 and estimates for 2012.

	質型型 Utility Incentiv	ves (North Carolina Only)	Rate Period (12/1/11 t	rough 11/30/12)
Program / Measure 3 1		DSM PPI		
Demand-Side Management Programs				
CIG DR	-	96,175		96,175
EnergyWise	-	955,649	-	955,649
Energy Efficiency Programs		<u> </u>		
DSDR Implementation		•	• •	
Res Home Advantage	328,751	•	134,616	463,367
Res Home Energy Improve.	627,546	-	351,759	沙兰市 議議979,305
Residential Low Income-NES	543,683	•	•	月月1日月1日 543,683
Residential Lighting	8,755,077	-	1,339,112	10,094,190
Res Appliance Recycling	713,409	•	101,165	作品。[1] 57 814,574
Residential EE Benchmark	-	-	71,476	71,476
Solar Hot Water Heating Pilot	-	-		加发系统建筑
CIG Energy Efficiency	3,865,167	-	1,803,103	5,668,270
Small Business Energy Saver	-	<u>-</u>	-	The business of the second
Residential New Construction	-	·		
CFL Pilot	-	-	-	A STATE AND STATE
Total Utility Incentives Including	14,833,634	1,051,824	3,801,232	19,686,690

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

The Company's proposed jurisdictional allocation factors for the test period, April 1, 2011 through March 31, 2012, and for the rate period, December 1, 2012 through November 30, 2013 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, 2011 through March 31, 2012.

	DSM/EE Rider	DSM/EE EMF Rider	Total from Riders
Residential DSM/EE Recoveries	\$ 32,950,727	\$ 161,326	\$ 33,112,054
General Service	\$ 31,223,375	\$ (1,565,264)	\$ 29,658,111
Less: Opt-Out Credits	\$ 16,168,090	\$ 825,232	\$ 15,342,859
General Service DSM/EE Recoveries	\$ 15,055,285	\$ (740,033)	\$ 14,315,252
Lighting	\$ 362,718	\$ (46,186)	\$316,532
Less: Opt-Out Credits	\$ 10,401	\$ 1,319	\$ 9,082
Lighting DSM/EE Recoveries	\$ 352,317	\$ (44,867)	\$ 307,450
Total DSM/EE Recoveries	\$ 48,358,329	\$ (623,573)	\$ 47,734,756

The following table provides actual and estimated DSM/ EE revenues for the period April 1, 2012 through July 31, 2012.

		_	DSM/EE Rider	I/EE EMF Rider	Total Ride	
Residential DSM/EE	Recoveries		\$ 13,729,298	\$ 284;055	- \$ 14	,013,353
General Service		A-V	\$ 13,707,099	\$ 74,072	\$ 13	3,781,171
Less: Opt-Out Credit	S		\$ 6,891,719	\$ 37,229	6	,928,948
General Service DSI	M/EE Recove	ries	\$ 6,815,380	\$ 36,844	\$ 6	,852,224
Lighting			\$ -143,565	\$ (13,746)	\$	129,819
Less: Opt-Out Credit	:S		\$ 4,013	\$ (384)	\$	3,628
Lighting DSM/EE Re	coveries		\$ 139,552	\$ (13,362)	ļ ķ	126,191
Total DSM/EE Reco	veries		\$ 20,684,230	\$ 307,537	\$ 20),991,768

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	0.347¢/kWh	0.016¢/kWh	0.363¢/kWh
General Service	0.231¢/kWh	0.002¢/kWh	0.233¢/kWh
Lighting	0.120¢/kWh	-0.010¢/kWh	0.110¢/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	0.359¢/kWh	0.017¢/kWh	0.376¢/kWh
General Service	0.239¢/kWh	0.002¢/kWh	0.241¢/kWh
Lighting	0.124¢/kWh	-0.010¢/kWh	0.114¢/kWh

Rule R8-69(f)(1)(vii) - Projected NC retail sales for customers opting out 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:
 - (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 11,179,802,071 kWh will not be subject to billing under its rider for the twelve month period ending November 30, 2013. A similar analysis estimated that there is another 12,683,943 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-12	856,988,693
Jan-13	886,924,156
Feb-13	875,015,250
Mar-13	867,732,621
Apr-13	868,651,858
May-13	918,560,634
Jun-13	998,277,176
Jul-13	970,418,583
Aug-13	1,090,232,674
Sep-13	1,017,315,208
Oct-13	959,129,596
Nov-13	883,239,565
Total: III III III III III III III III III I	11,192,486,014

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-Participants	Non- Participating
3 M COMPANY INC	7
3141 PROPERTIES LLC	1
333 VENTURES LLC C/O RDC PROP	2
3700 GLENWOOD LLC	8
A STUCKI COMPANY	7
ACME ELECTRIC CORP	12
ACME-MCCRARY CORP	40
AG PROVISION LCC	3
AIMET TECHNOLOGIES INC	6
AJINOMOTO USA INC	3
ALAMAC AMERICAN KNITS LLC	17
ALLEN CANNING CO	2
ALLEN HARIM FARMS LLC	10
ALLEN IND & WELDING SUPPLY LLC	1
ALOTECH INC	9
ALPLA INC	1
AMC INC	7
AMCOR FLEXIBLES INC	1
AMCOR PHARMACEUTICAL PACKAGING	2
AMERICAN EUROPEAN LLC	6
AMERICAN GROWLER INC	11
AMERICAN SKIN COMPANY INC	5
AMISUB OF NORTH CAROLINA INC	1
AMT/BCU INC	10
ANGUS BARN LTD	65
ANGUS FIRE ARMOUR CORP	2
ANSON COMMUNITY HOSPITAL	8
ANSON MACHINE WORKS	4
APAC TENNESSEE INC	10
APAC-TENNESSEE INC	1
ARAUCO PANELS USA LLC	12
ARCADIA DAIRY FARMS INC	7
ARCHER DANIELS MIDLAND CO	1
ARCLIN USA INC	1
ARDEN CORPORATION	9
ARI RALEIGH CAPITOL CTR LLC	2
ARVATO DIGITAL SERVICES LLC	55
ASHEBORO CITY OF	55 3
ASHEBORO ELASTICS CORP	10
ASHEVILLE BUNCOMBE TECH	2

Paragar re Non-Participant	Non- Participating
	Accounts
ASHEVILLE CITY OF	10
ASHEVILLE DYING AND FINISHING	. 6
ASHEVILLE EYE ASSOCIATES PLLC	16
ASHEVILLE REGIONAL AIRPORT	1
AT & T MOBILITY	3
ATLANTIC CORP OF WILMING	18
ATRIUM @ BLUE RIDGE LLC	9
AUSTIN QUALITY FOODS INC	176
AUTUMN CARE OF MYRTLE GROVE	18
B V HEDRICK GRAVEL & SAND CO	3
BALCRANK CORPORATION	9
BARNHARDT MFG CO	2
BARTLETT MILLING CO	10
BB&T	3
BELK INC	8
BELLSOUTH TELECOMMUNICATIONS	26
BERKELEY MALL	1
BERKELEY MALL LLC	4
BEST BUY STORES LP	. 6
BI-LO LLC	1
BILTMORE BAPTIST CHURCH	1
BILTMORE FARMS HOTEL GRP LLC	22
BILTMORE FOREST CNTRY CLUB INC	5
BJ'S WHOLESALE CLUB INC	8
BJT, INC	20
BLACK MTN CENTER	20
BLUE RIDGE PAPER PRODUCTS INC	47
BONSAL AMERICAN INC	10
BORG WARNER TURBO SYSTEMS INC	2
BORGWARNER THERMAL SYSTEMS INC	1
BP SOLUTIONS GROUP INC	7
BPG MANAGEMENT CO NC LLC	6
BRH ASSOCIATES LP	3
BRM PARTNERS II LLC	14
BRM PARTNERS LLC	15
BROMLEY PLASTICS CORPORATION	2
BROOKS BROTHERS INC	
BROOKS HOWELL RETIREMENT HOME	· 23
BSH HOME APPLIANCES	12
BURCAM CAPITAL II LLC	1

Non-Participant	Non- Participating Accounts
BURLINGTON TECHNOLOGIES INC	32
BURLINGTON TECHNOLOGIES INC	3
CAMP DAVIS INDUSTRIAL PARK INC	30
	32 4
CAMPBELL SOUP SUPPLY CO LLC CAMPBELL UNIVERSITY	64
CAN AM SOUTH LLC	2
	2
CANAM YARNS LLC	
CAPE FEAR ACADEMY	32
CAPE FEAR COUNTRY CLUB	11
CAPE FEAR MEM HOSP INC	. 3
CAPE FEAR PUBLIC UTILITY AUTH	6
CAPELINC	29
CAPEL INC SMITHERMAN PLT LIGHT	7
CAPELSIE MILLS INC	1
CAPITAL ASSOCIATES	87
CAPITAL BROADCASTING CO	55
CAPITOL FUNDS INC	8
CARGILL INC	4
CARMIKE CINEMA INC	2
CAROLINA APPAREL GROUP INC	8
CAROLINA BEACH TOWN OF	1
CAROLINA COUNTRY CLUB	3
CAROLINA CRATE & PALLET INC	6
CAROLINA CUSTOM FINISHING LLC	3
CAROLINA ELECTRONIC ASSEMBLERS	1
CAROLINA GROWLER	4
CARQUEST OF SRONCE	2
CARTERET CO BD OF ED	113
CARTERET GENERAL HOSPITAL	3
CARTERET SURGICAL ASSOCIATES	7
CARY TOWN OF	12
CASCADES MOULDED PULP	4
CASCADES TISSUE GROUP NC INC	5
CASE FARMS	. 9
CATALENT PHARMA SOLUTIONS LLC	17
CATERPILLAR INC	16
CERTAINTEED CORPORATION	82
CERTAINTEED INC	_ 1
CHARLES CRAFT INC	1

Non-Participant	Non- Participating Accounts
CHATHAM CO	1
CHATHAM HOSPITAL INC	3
CHERRY HOSPITAL	76
CITY OF HENDERSON	2
CLIENT LOGIC INC	1
CLIFFORD W ESTES CO INC	4
CLINTON CITY OF	7
CLOSURE MEDICAL CORPORATION	1
CLOVERLEAF COLD STORAGE CO	2
CMC CORPORATION	13
CMS FOOD SOLUTIONS INC	9
COASTAL CAR COMM COLL CLASS RM	30
COASTAL CAR COMM COLL RES BLD	1
COASTAL CAROLINA COMM COLL A	2
COASTAL CAROLINA COMM COLLEGE	9
COASTAL CAROLINA COMM COLLEGE, CLAS	1
COASTAL CAROLINA COMM COLLEGE, FINE	1
COASTAL FEDERAL CREDIT UNION	1
COBB VANTRESS INC	17
COKER FEED MILL INC	2
COLBOND INC	1
COLUMBUS COUNTY SCHOOLS	2
COLUMBUS REG HEALTHCARE SYSTEM	22
COMMUNICATIONS INSTRUMENTS INC	18
COMPUTER DESIGN INC	1
CONESTOGA WOOD SPECIALTIES	- 12
CONOPCO INC	6
CONSOLIDATED METCO INC	28
CONTAINER SYSTEMS INC	22
CONTRACT STEEL SALES INC	11
CONVEYOR TECHNOLOGIES OF SANFO	6
CONWOOD COMPANY LP	5
COOPER INDUSTRIES INC	1
COOPER TOOLS LLC	3
COOPER-STANDARD AUTOMOTIVE INC	82
CORNELIA NIXON DAVIS INC	34
CORNELIA NIXON DAVIS NURSING	1
CORNING INC	134
CORTEK	. 9
COSTCO	4

	Non-
Non-Participant	Participating
	Accounts
COTY US LLC	9
COUNCIL TOOL CO INC	10
COUNTRY CLUB OF LANDFALL	21
COUNTY OF WAYNE	9
COURTYARD BY MARRIOTT	4
CRABTREE PARTNERS LLC	1
CRAVEN CO BD OF ED	60
CRAWFORD KNITTING INC	2
CROP PRODUCTION SERVICES INC	1
CROWN-RALEIGH I LLC -	. 25
CROWN-RALEIGH II LLC	1
CSX TRANSPORTATION	2
DAK AMERICAS LLC	8
DALIAH PLASTICS CORP	6
DAYINTERNATIONALINC	39
DCLINC	17
DENNISON, WYNDHAM V	1
DEVIL DOG MFG CO INC	7
DEWEY DEVELOPMENT INC	3
DIOSYNTH RTP INC	33
DIXIE PIPELINE COMPANY	6
DUKE REALTY CORP	212
DUNN CITY OF	2
DUPLIN GENERAL HOSP	4
DUPONT E I DE NEMRS	15
DUPONT E I DENEMOURS & CO INC	1
DUPONT TEIJIN FILMS U.S.L.P.	1
DYNAPAR CORP	1
EARTH FARE	3
EATON AEROQUIP INC	9
EATON CORPORATION	32
EDWARDS WOOD PRODUCTS INC	27
ELASTIC THERAPY INC	8
ELDER PRINTING CO INC	1
ELECTRO SWITCH CORPORATION	1
ELEMENTIS CHROMIUM INC	4
ELKAY SOUTHERN PLANT 2	14
ELKINS SAWMILL INC	3
EMBARQ MID-ATLANTIC MGMNT SVC	11
EMCO WHEAT INC	1

W Non-Participant	Non- Participating Accounts
ENERGIZER BATTERY MANUFACTURIN	24
ENTERCO LLC	1
ENWOOD STRUCTURES LLC	3
ERICO INC	28
EVERGREEN PACKAGING INC	18
EXECUTIVE PARK ASSOCIATES	1
EXPRESS FOOD GROUP LLC	1
FACTORY ICE HOUSE	3.
FAIRVIEW HOMES	1
FCC (NC) LLC	5
FENNER DRIVES	1
FEX STRAW MANUFACTURING	1
FIRC HAYWOOD PARK LLC	1
FIRST BAPTIST CH OF ASHE INC	1
FIRST CITIZENS BANK	4
FIRST CITIZENS BANK & TRUST CO	6
FIRSTHEALTH OF THE CAROLI INC	5
FIRSTHEALTH OF THE CAROLINAS	53
FLOCO FOODS INC	2
FOOD LION LLC	255
FOUNTAIN POWER BOATS INC D/I/P	5
FOUR SEASONS MGNT SVCS INC	3
FOUR SEASONS MNGMT SVCS INC	11
FRANKLIN BAKING COMPANY LLC	40
FRANKLIN COUNTY SCHOOLS	5
FRESH BUY INC	25
FRONTIER SPINNING MILLS	36
FURNITURE FAIR INC	4
GALE FORCE SPORTS & ENTERTAIN	38
GENERAL ELECTRIC CO	3
GENERAL INDUSTRIES INC	5
GENERAL PARTS INC	1
GENERAL SHALE BRICK INC	43
GENERAL TIMBER INC	4
GEORGIA PACIFIC CORP	18
GEORGIA PACIFIC WOOD PROD LLC	1
GIBRALTAR PACKAGING GROUP INC	5
GIRSBERGER INDUSTRIES	4
GIVENS ESTATES INC	13
GLAXOSMITHKLINE	6

Non-Participant	Non- Participating Accounts
GLEN RAVEN MILLS INC	14
GLENWOOD PLACE VENTURES LLC	1
GOLDSBORO CITY OF	7
GOLDSBORO HOUSING AUTHORITY	1
GOLDSBORO MILLING CO	17
GRANITE FALLS SWIM/ATHL CLUB	24
GREDE II LLC	17
GREDE MACHINING LLC	3
GREENE GIN & COTTON CO	3
GRIFOLS THERAPEUTICS INC	18
GROVE PARK INN RESORT INC	80
GUILFORD MILLS INC	31
H & H FURNITURE MFG INC	3
HALIFAX MEDIA HOLDINGS LLC	1
HANESBRANDS INC	2
HANSON AGGREGATES SE LLC	57
HAPPY JACK INC	1
HARDEN ROAD ASSOCIATES	14
HARGER LIGHTNING & GROUNDING	1
HARNETT CO BD OF ED	33
HARRIS PRINTING CO INC	6
HARRIS TEETER INC	53
HASTY PLYWOOD CO	11
HAYWOOD COUNTY LOCAL GOV	3
HAYWOOD REGIONAL MEDICAL CNTR	19
HD CAPITAL CENTER LLC	1
HEALTHCARE PROPERTY GROUP LLC	1
HI-CONE DIV ITW INC	5
HIGHWOODS JOINT VENTURE	1
HIGHWOODS PROPERTIES	7
HIGHWOODS PROPERTIES INC	26
HIGHWOODS REALTY LP	49
HIGHWOODS REALTY LTD	19
HOME DEPOT USA INC	13
HONEYWELL INC	1
HORNWOODINC	24
HOUSE OF RAEFORD FARMS INC	_24
IAC TROY LLC	8
INGLES MARKETS INC	78
INN ON BILTMORE ESTATE INC	1

Non-Participant	Non- Participating Accounts
INTERCONTINENT FUND 3 REG LLC	2
INTERNATIONAL BROADCAST BUREAU	1
INTERNATIONAL PAPER CO	12
INTERNATIONAL TRAY PADS & PKG	7
INTERROLL CORPORATION	1
INTUIT INC	10
INVISTA S A R L	56
ISLAND HOSPITALITY MGMT II INC	1
J & D WOOD INC	3
J&J SNACK FOODS HANDHELDS CORP	2
JACKSON, JIMMY	1
JACOB HOLM IND AMERICA INC	21
JIMMY WARD HARDWOODS INC	27
JOHN DEERE TURF CARE INC	2
JOHN Q HAMMONS HOTELS INC	_1
JOHNSTON CO BOARD OF EDUCATION	41
JOHNSTON CO PUBLIC UTILITIES	1
JOHNSTON MEM HOSPITAL AUTH	36
JORDAN LUMBER & SUPPLY INC.	14
JOVC FOOD CORP INC	1
K MART CORP	15
K T FELDSPAR CORP	21
KAM ENGINEERING SVC PC	1
KAYSER ROTH HOSIERY INC	4
KENNAMETAL INC	16
KENNEDY HOME EASTERN	2
KIMLEY HORN & ASSOCINC	1
KIMSHE LLC	1
KLAUSSNER FURN IND INC	101
KORDSA INC	3
KROGER COMPANY	12
LAKE JUNALUSKA ASSEMBLY INC	2
LAKESIDE I OWNER CORP	22
LAKESIDE II OWNER CORP	19
LANCER INC	15
LEE BRICK & TILE CO	30
LEE COUNTY COURT HOUSE	1
LEE IRON & METAL CO	7
LENOVO INTERNATIONAL	40
LIBERTY HEALTHCARE SERVICES	17

, Non-Participant	Non- Participating Participating Accounts
LICHTIN TRINITY I LLC	24
LICHTIN WADE I LLC	26
LICHTIN WADE II LLC	22
LICHTIN/TRINITY II LLC	6
LIFETIME FITNESS INC	1
LINCOLN HOMES HSING PROJ	1
LOCAL GOVERNMENT FED CREDIT UN	1
LOUISE WELLS CAMERON ART MUSEU	26
LOUISIANA PACIFIC CORP	34
LOWES COMPANIES INC	23
LOWES FOOD STORES	61
LOXCREEN CO INC	1
M ADLER'S SON, INC	2
MAGNETTI MARELLI USA INC	8
MALLINCKRODTINC	88
MANHATTEN AMERICAN	1
MARTIN, PHILLIP L	1
MATTHEWS & MATTHEWS INC	4
MAYVIEW CONVALESCENT HOME	3
MCDOWELL LUMBER CO INC	18
MCGILL ENVIRONMENTAL SYS OF NC	1
MEADWESTVACO CORPORATION	1
MEASUREMENTS GROUP INC	4
MEDICAL ACTION INDUSTRIES INC	46
MEDICAL SPEC INC	10
MEMORIAL MISSION HOSPITAL INC	1
MEREDITH COLLEGE	10
MERTEK SOLUTIONS INC	3
MESTEK INC	3
METAL & MATERIALS PROCSNG LLC	1
METAL-CAD & STEEL FRAMING	1
METCHEM, LLC	
METHODIST UNIVERSITY	108
MINE SAFETY APPL CO INC	20
MISSION HEALTH INC	119
MISSION ST JOSEPH HEALTH SYS	4
MISSION ST JOSEPH HOSPITAL	1
MMIC-TL INC PARTNERS LLC	19
MOEN INC	. 9
MONCURE PLYWOOD LLC	12

Non-Participant	Non- Participating Accounts
MONTGOMERY MEMORIAL HOSP INC	3
MOORE COUNTY SCHOOLS	47
MOORE MACHINE COMPANY	13
MOUNTAIRE FARMS, INC.	42
MT OLIVE PICKLE CO	25
MURPHY BROWN LLC	12
N C TELEVISION INC	1
NASH BRICK CO INC	2
NASH COUNTY	2
NASH COUNTY MANAGERS OFFICE	1
NASH ROCKY MOUNT BD OF ED	38
NATIONAL SPINNING CO	71
NATURES EARTH PELLETS INC LLC	3
NC DEPT OF MENTL HEALTH	14
NC FARM BUREAU FEDERATION	1
NC STATE FAIRGROUNDS	13
NC STATE UNIVERSITY	233
NC WILDLIFE COMMISSION	1
NEW BERN CRAVEN CO BD OF ED	1
NEW HANOVER CO BD OF ED	7 6
NEW HANOVER REGIONAL MED CTR	8
NEXANS INC	7
NG PURVIS FARMS INC	3
NOF INC	9
NOMACO INC	_6
NOMACORC LLC	19
NORCRAFT COMPANIES LP	2
NORTH CAROLINA MFG CO INC	1
NOVARTIS VACCINES & DIAGNOSTIC	1
NOVOZYMES NORTH AMERICA INC	23
NYPRO ASHEVILLE INC	1
OLIVER RUBBER COMPANY	2
OMNI SYSTEMS INC	16
ONSLOW CO BD OF EDUC	4
ORTHOWILMINGTON PA	1
OUTLET BROADCASTING INC	1
PALM PARK INC	1
PARADIGM ANALYTICAL	4
PARK N SHOP FOOD MART INC	4
PARK PLACE 16 CINEMAS	1

a server in the contract of th	er consection statement in our
Non-Participant, The second se	Participating Participating Accounts
SANDHILLS REGIONAL MEDICAL CTR	42
SANFORD CITY OF	2
SANFORD LEE CO BD OF ED	62
SANFORD MILLING CO	5
SAPONA MFG CO INC	2
SAS INSTITUTE INC	26
SAVER GROUP INC	1
SCOTLAND CO BD OF ED	4
SCOTLAND CONTAINER INC	11
SCOTLAND MANUFACTURING	12
SEALED AIR CORP	13
SEARS ROEBUCK & CO	6
SENTRY FURNITURE LLC	3
SILER CITY TOWN OF	3
SILVER LINE PLASTICS CORP	12
SINCLAIR BROADCAST GROUP INC	1
SKYLAND BEER DIST	3
SMITH S B & SON INC	5
SMITHFIELD PACKING CO INC	.3
SMITHFIELD PACKING COMPANY	1
SONA BLW PRECISION FORGE INC	25
SONOCO PRODUCTS CO	11
SOUTHCO INC OF NC	2
SOUTHEASTERN REGIONAL MED CTR	4
SOUTHERN BAG CORP	22
SOUTHERN FABRICATORS INC	4
SOUTHERN PINES TOWN OF	2
SOUTHERN STATES CHEMICAL INC	13
SPANSET INC	7
SPUNTECH INDUSTRIES INC	24
SPX FLOW TECHNOLOGY SYSTEMS	12
ST ANDREWS PRESBYTERIAN COLL	1
STALEY FABRICATORS INC	2
STAN JOHNSON & ASSOCIATES LLC	2
STARPET INC	79
STATIC CONTROL COMP INC	36
STEEL & PIPE CORP	7
SUMMIT HOSPITALITY GROUP LTD	15
SUN LIFE ASSURANCE CO OF CANAD	. 2
SUNBRIDGE CARE & REHAB	10

Non-Participant	Non- Participating Accounts
SUNRISE OF RALEIGH INC	6
SUNRISE SENIOR LIVING	1
SUPERIOR MODULAR PRODUCT INC	24
SUPERIOR PLASTICS EXTRUSION	1
SUPERTEX, INC	8
SURGERY CENTER OF PINEHURST	1
SURTRONICS	4
SYRACUSE PLASTIC OF NC INC	1
SYSTEM PLAST LLC	32
TARGET STORES	15
TEKELEC INC	2
TERRA GEN LLC	1
THE BILTMORE COMPANY	6
THE CHEESECAKE FACTORY	_1
THE COUNTRY CLUB OF NC INC	2
THE FELDSPAR CORPORATION	23
THE FRESH MARKET INC	2
THE HARRELSON BUILDING INC	11
THE HOTEL GROUP INC	1
THE SAILOR SNUG HARBOR	1
THEO DAVIS SONS INC	7
THERAFIRM COMPRESSION PRODUCTS	_1
THIRD & GRACE LLC	18
TINSLEY GROUP - P S & W INC	1
TIPPER TIE INC	9
TOP TOBACCO L P	2
TOWER ASSOCIATES INC	3
TOWN SQUARE WEST LLC	_10
TRAMWAY VENEERS INC	5
TRANS CAROLINA PRODUCTS LLC	1
TREEHOUSE FOODS INC	10
TRIANGLE AQUATIC CENTER	19
TRIANGLE BRICK CO	7
TRINITY MANUFACTURING INC	27
TROY LUMBER CO	30
TROY POLYMER INC	1
TSO FAYETTEVILLE LLC	2
TURKINGTON USA LLC	5 3
TURN BULL LUMBER COMPANY	
TYCO ELECTRONICS	_1

Non-Participant	Non- Participating Accounts
TYSON FOODS INC	12
UNCW	76
U S REIF 4700 FALLS NC LLC	46
UCHIYAMA AMERICA INC	3
UMICORE AUTOCATALYST RECYCLING	7
UMICORE USA INC	1
UNC AT ASHEVILLE	3
UNC PUBLIC TV OF NC	2
UNIBOARD USA LLC	5
UNILIN US MDF	24
UNIMIN CORPORATION	122
UNISON ENGINE COMPONENTS INC	4
UNITED STATES COLD STORAGE INC	16
UNIVERSAL LEAF NORTH AMERICA	31
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	21
US FLUE CURED TOBACCO GROWERS	4
US MARINE CORP	1
US MARINE CORPS	1
US POST OFFICE	2
US VETERANS ADMIN HOSPITAL	3
UWHARRIE LUMBER CO	3
VALLEY PROTEINS INC	65
VANCE CO COURTHOUSE	1
VENTURE CENTER LLC	4
VONDREHLE CORP	6
VULCAN MATERIALS CO	47
W N WILDER INC	8
WADESBORO IGA FOODLINER INC	6
WAKE CO HOSP SYSTEM INC	3
WAKE COUNTY BOARD OF EDUCATION	2144
WAKE COUNTY GENERAL SERVICES	10
WAKE STONE CORP	19
WAKEMED PROPERTY SERVICES	2
WAL MART PDC #6091	4
WALMART STORES INC	62
WARP TECHNOLOGIES INC	1

Transported (Sci Correlles in the Health of the Correlles	1 + 1 = 27545 C 1 :
Non-Participant:	Non-
	Participating Accounts
WARREN CO BD OF ED .	6
WASTE MANAGEMENT INC	1
WAYNE CO PUBLIC SCHOOLS	2
WAYNE COMMUNITY COLLEGE	1
WAYNE COUNTY	1
WAYNE MEMORIAL HOSPITAL INC	19
WAYNESVILLE TOWN OF	1
WEIL, DAVID	1
WEIL, DAVID	4
WELLS FARGO BANK NA	43
WELSH PAPER COMPANY	14
WEST CRAVEN HIGH SCHOOL	4
WEST CRAVEN MIDDLE SCHOOL	2
WEST FRASER INC	36
WESTFIELD INDEPENDENCE MALL LP	7
WEYERHAEUSER CO	7
WILLIAM BARNET & SON INC	26
WILMINGTON HOTEL ASSOC CORP	6
WILMINGTON INTL AIRPORT	2
WILMINGTON MACHINERY INC	1
WILSONART INTERNATIONAL	7
WINDSTREAM HOSTED SOLUTION LLC	3
WLT MATTHEWS INC	1
WNCN TV 17	1
WRDC LLC	1
WRIGHT MACHINE SHOP	. 2
WYETH	218
YALE INDUSTRIAL PRODUCTS INC	13
YMCA	33
YMCA OF WESTERN NORTH CAROLINA	16

Appendix B: Program Participants Changing Opt-Out Status

ACME-MCCRARY CORP ASHEVILLE CITY OF BODY SYSTEMS USA LLC

BROOKWOOD CAROLINA CORP LLC

CARLIE C OF LILLINGTON CAROLINA COUNTRY CLUB

CAROLINA METAL RECYCLERS INC CARTERET SURGICAL ASSOCIATES

CARY ACADEMY
CARY TOWN OF
CHAR-WALT INC
CHAR-WALT INC # 62
CITY OF RALEIGH

COCA COLA BOTTLING CO

COCA COLA BOTTLING CO CNSLDTED

CROWN-RALEIGH III LLC EATON CORPORATION ELSTER SOLUTIONS LLC

EXCELL-LINDE FOOD LION INC GUILFORD MILLS INC

HARNETT FORWARD TOGETHER HIGHWOODS PROPERTIES INC

HIGHWOODS REALTY LP
INTERROLL CORPORATION

JONES CO BD OF ED LOWES COMPANIES INC

MACY'S INC

NC DEPT OF CORRECTIONS

NETRIPLEX LLC

NORTHEAST FOODS INC

PACIFIC COAST FEATHER COMPANY

PLASTICS INGENUITY
RESIDENCE INN CRABTREE
SAINT MARY'S SCHOOL
SANFORD LEE CO BD OF ED
SCOTLAND CO BD OF ED
SIEMENS POWER T&D INC

TABOR CITY TOWN OF TIMMONSVILLE IGA

TRION INC

VANCE GRANVILLE COMM COLLEGE WAKE COUNTY BOARD OF EDUCATION WAKE COUNTY PUBLIC SCHOOL SYSTEM

WESTERN WAKE MEDICAL CENTER

Appendix C: Allocation Factors

Allocation Factors Applicable to Test and Prospective Periods:

Program//Measure - (April/2011)	North Garolina	
Demand-Side Management (DSM)		
CIG DR	85.89%	
EnergyWise™	85.89%	
Energy Efficiency Programs (EE)		
DSDR Implementation	85.41%	
Res Home Advantage	85.41%	
Res Home Energy Improve.	85.41%	
Residential Low Income-NES	85.41%	
CIG Energy Efficiency	85.41%	
Solar Hot Water Heating Pilot	85.41%	
Residential Lighting	85.41%	
Res Appliance Recycling	85.41%	
Residential EE Benchmarking	85.41%	
Small Business Energy Saver	85.41%	
Residential New Construction	85.41%	

Program// Measure 5. (May/2011)	North Garolina	
Demand-Side Management (DSM)		
CIG DR	86.49%	
EnergyWise™	86.49%	
Energy Efficiency Programs (EE)		
DSDR Implementation	85.53%	
Res Home Advantage	85.53%	
Res Home Energy Improve.	85.53%	
Residential Low Income-NES	85.53%	
CIG Energy Efficiency	85.53%	
Solar Hot Water Heating Pilot	85.53%	
Residential Lighting	85.53%	
Res Appliance Recycling	85.53%	
Residential EE Benchmarking	85.53%	
Small Business Energy Saver	85.53%	
Residential New Construction	85.53%	

Appendix C – Continued

Allocation Factors Applicable to the Prospective and Rate Periods:

Program / Measure : (May 2012 through November 2013)	North Carolina -
Demand-Side Management (DSM)	
CIG DR	86.63%
EnergyWise™	86.63%
Energy Efficiency Programs (EE)	
DSDR Implementation	. 85.92%
Residential Home Advantage	85.92%
Residential Home Energy Improvement	85.92%
Residential Low Income-NES	85.92%
CIG Energy Efficiency	85.92%
Solar Hot Water Heating Pilot	85.92%
Residential Lighting	85.92%
Residential Appliance Recycling	85.92%
Residential EE Benchmarking	85.92%
Small Business Energy Saver	85.92%
Residential New Construction	85.92%

Appendix D: Savings By Measure

Incremental Test Period Activity (April 1, 2011 through March 31, 2012)

,	No. of Premises	kWh Savings	kW Savings
EnergyWise [™]	•		
AC Direct Load Control	32,327	-	40,002
HP Strip Heater Direct Load Control	772	-	785
Water Heater Direct Load Control	1,169	-	950
EnergyWise [™] Total	34,268	NA	41,737
CIG Demand Response	. 4	NA	2,540
Amounts reflect net M&V based values.		,	
Residential Home Advantage	·		
ENERGY STAR	2,118	3,945,600	1,212
Heat Pump	1,324	351,652	170
Central AC	63	9,487	10
Geothermal Heat Pump	32	28,215	6
Residential Home Advantage Total	3,537	4,334,954	1,398
L Amounts reflect net M&V based values.		•	
Residential Home Energy Improvement			
ASHP HVAC Replacement	4,564	1,296,767	1,482
Furnace/AC HVAC Replacement	1,660	384,439	563
Geothermal HVAC Replacement	95	159,390	64
Duct Testing/Repair	2,043	418,704	287
HVAC Level I Tune Up	3,174	227,357	218
Insulation/Air Sealing	673	430,753	179
Window Replacement	3,140	1,233,725	1,148
HVAC Level 2 Tune Up	540	205,517	177
Residential HEIP Total	15,889	4,356,653	4,116
L Amounts reflect net M&V based values.			
Residential Low Income - NES	4,753	4,417,280	681
Residential Lighting Program * Values expressed in incentivized bulbs	2,667,238	66,675,350	6,483
Residential Appliance Recycling	7,330	5,420,639	628
Residential Energy Efficiency Benchmarking L Change in annual pilot program participation level.	47,193	13,591,584	2,440
CIG Energy Efficiency			
Prescriptive Lighting	534	24,109,256	6,444
Prescriptive HVAC	. 58	476,886	170
Prescriptive Motor	1	1,323	1
Prescriptive Refrigeration	24	293,313	20
Custom Measure	169	4,822,892	780
Technical Assistance	11	NA.	NA
CIG Energy Efficiency Total	. 797	29,703,670	7,414
Amounts reflect net M&V based values.			-

PEC Exhibit No. 1 Filing Requirements

Appendix E: Total Resource Cost Evaluation Results

	TRC
Vintage Year 2011 (Calendar year 2011 - Actual)	B/C Ratio
CIG- Demand Response Program	12.564
EnergyWise [™]	5.526
Residential Home Advantage	1.606
Residential Home Energy Improvement	1.140
Residential Lighting Program	3.496
Residential Appliance Recycling	3.811
Energy Efficiency for Business	2.815
Residential Benchmarking Program	1.433

	· IRC
Vintage Year 2012 (Calendar year 2012 - Estimate)	B/C Ratio
CIG-Demand Response Program	9.348
EnergyWise [™]	1.984
Residential Home Advantage	1.418
Residential Home Energy Improvement	1.354
Residential Lighting Program	3.713
Residential Appliance Recycling	2.937
Energy Efficiency for Business	2.317
Residential Benchmarking Program	1.448

Demand Side Management and Energy Efficiency Programs

Workpapers

NCUC Docket No: E-2, Sub 1019

Workpapers

Section A – Cost Summary & Rate Development (Exhibits)

North Carolina Retail - DSM/EE Revenue Requirements Summary

A.	Test Period				A&G	Capitalized	Amortization of	Amortustina of	Deura Basin d	DSDR Capital	Income Taxes	ÓSON Property	DSDR		Income Taxes	Rev Regmt Betore PPI &	Net Lost	Program	Rev Regmt
			M30	Insurance	£ <sense< th=""><th></th><th>Capitalized OSM</th><th></th><th></th><th>Costs</th><th>Capital Costs</th><th>Taxes</th><th>Depreciation</th><th>Carrying Costs Net of Taxes</th><th>Cost</th><th>NLA</th><th>Recognient</th><th>Performance Incentive</th><th>With PPI & N1R</th></sense<>		Capitalized OSM			Costs	Capital Costs	Taxes	Depreciation	Carrying Costs Net of Taxes	Cost	NLA	Recognient	Performance Incentive	With PPI & N1R
	April 2011 through March 2012		(1)	(2)	(3)	(4)	(5)	(6)	(2)	(8)	(9)	(10)	(11)	(12)	(13)	(14)		(15)	(17)
						IColo(1)thru(1)	((1)+(2))/10	(a)v3	• •	•-•	*-*			,	,	ICele(S)thru(13)	W/P D-2	W/7.0-1	Contratement III
	NC DSM Program Expenses														_			7 7 7 7	J
1	CIG DR	Per Books	1,344,254	r		1,344,254	134,425	-	186,439					I (№	me a 🕽 .	320.864	3,733	94,922	419,519
2	EnergyWise	Per Books	10,456,993			10,456,993	1,045,699	_	1,901,946					_		2.947.645	10.081	194.861	3,852,594
3	Total DSM	I Lines 1 thru 2	11,801,247		-	11,801,247	1,180,124	-	2,088,385							3,268,509	13,814	989,790	4,272,113
4	DSM Assigned A&G and CCost	Per Books			765,654	765,654		255,218	530,711					1,229,054	474,968	2,429,951	,		2,489,951
5	Total DSM and Assigned Costs	I Lines I thru 4	11,801,247		765,654	12,566,901	1,180,124	255,212	2,619,096					1,229,054	474,968	5,758,460	13,814	989,790	6,762,064
	NC EE Program Expenses																		,
6	Res Home Advantage	Per Books	1,502,562			1,502,562	150,256	-	256,329							406,585	260,488	113,592	780,665
7	Res Home Energy Improvemit	Per Books	4,690,335			4,690,335	469.034		1,270,773						-	1,739,807	616,398	231,582	2,587,787
	Residential Low Income	Per Books	1,735,668			1,735,668	173,567		302,347						-	475,914	412,047		888,001
	CIG Energy Efficiency	Per Books	7,392,815		-	7,392,815	739,282		1,336,314						-	2,075,596	3,175,540	1.281,734	6,532,87D
10	Solar Hot Water Pilot	Per Books	93,239		-	93,239	9,324		32,642						-	41,966	-	-	41,966
11	Residential Lighting*	Per Books	5,244,717			5,244,717	1,048,943		1,560,117							2,609,060	6,199,982	899,485	9,708,526
12	Res Appliance Recycling	Per Books	962,124		-	962,124	96,212		157,048							253,260	433,704	65,334	752,299
13	EE Benchmarking*	Per Books	629,295			629,295	629,295		-					-	-	629,295	497,757	33,296	1,160,347
14	Small Business Energy Saver	Per Beoks	64,116			64,115	6,412							-	-	6.412	•	-	6,412
15	Residential New Construction	Per Books	43,184			43,184	4,318		- 1		11				-	4,318	-		4,310
16	Home Depot CFL	Per Books			<u> </u>	-	•		34,012		(.)				34,012	-		34,012
17	Total EE	I times 6 thru 16	22,358,055		-	22,358,055	3,326,643	-	4,949,582			//			-	8,276,225	11,595,957	2,625,022	22,497,205
18	EE Assigned A&G and CCost	Per Books			1,392,646	1,392,646		464,215	858,280					2,380,098	919,788	4,622,381			4,622,301
19	Total EE and Assigned Costs	Etimes 17 thru 18	22,358,055		1,392,646	23,750,701	3,326,643	464,215	5,607,862					2,380,098	919,768	12,898,606	11,595,957	2,625,022	27,119,586
	NC DSDR Program Expenses																		
20	DSDR Program	Per Books	6,830,553	517,201	-	7,417,761	741,776	-	1,355,706	6,985,704	3,528,011	342,302	4,830,020			17,783,51 3		-	17,783,519
21	DSDR Assigned A&G and CCost	Per Books				-			£3,917					721,373	272,774	1,084,064			1,084,064
22	Total DSDR and Assigned Costs	I Lines 20 thru 21	6,830,553	587,208	-	7,417,761	741,775	•	1,439,623	6,985,704	3,526,011	342,302	4,830,020	721,373	278,774	18,867,583	-		18,867,523
23	Test Period Totals	Unes 5 + 19 + 22	40,989,855	587,208	2,158,300	43,735,363	5,248,543	719,433	9,866,581	5,985,704	3,528,011	342,302	4,830,020	4,330,525	1,673,530	37,524,649	11,609,772	3,614,812	52,749,233

B. Prospective Period

	April 2012 through July 2012	
	HC DSM Program Expenses	
1	CIG DR	Per Forecast
2	EnergyWise	Per Forecest
3	Total DSM	I times 1 thru 2
4	DSM Assigned A&G and CCost	Per Backs
5	Total DSM and Assigned Costs	I Lines 3 thru 4
	NC EE Program Expenses	
6	Res Home Advantage	Per Ferecest
7	Res Home Energy Improvem't	Per Forecest
	Residential Low Income	Per Forecest
•	CIG Energy Efficiency	Per Farecast
10	Solar Hot Water Plot	Per Farecust
11	Residential Lighting*	Per Forecest
12	Res Appliance Recycling	Per Forecast
13	EE Benchmarking*	Per Forecast
14	Small Business Energy Saver	Per Forecast
15	Residential New Construction	Per Forecost
16	Home Depot CFL	Per Forecast
17	Total EE	I Lines 6 thru 16
18	EE Assigned A&G and CCost	Per Forecast
19	Total EE and Assigned Costs	I Lines 17 thru 18
	NC DSOR Program Expenses	
20	OSDR Program	Per Farecost
21	DSDR Assigned A&G and CCost	Per Forecost
22	Total DSDR and Assigned Costs	I Lines 20 thru 21
23	Prospective Period Totals	Lines 5 + 19 + 22

						ORTH CAROLI	,			e costs one						
M30	Insurance	A&G Expense	Capitalized OSM and ASG		Amortization of Capitalized A&G		OSOR Capital Costs	Income Taxes on DSDR Capital Costs	DSDR Property Taxes	DSDR Depreciation	Carrying Costs Net of Taxes	Income Taxes on Carrying Cost	Rev Regmi Before PFI & NLR	Net Lost Revenue	Program Performance	Rev Regmt With
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(3)	(9)	(10)	(11)	(12)	(13)	(14)	Recoupment (15)	(16)	PPI & NLR (17)
,		1-7	2Cale(1)8mu(3)	((1)+(2))/10	(30/3	1.7	(-,	1-7	11.49	1/	(12)	1237	ΣCoh(\$)5hru(12)		110)	ICole(1@Bru(1
1													•	W/F P-2	,	
705,671		-	- 709,671	70,967	-						Note	•) -	70,967		•	70,96
2,258,197			2,258,197	225,820									225,820	•	-	225,62
2,967,868		-	2,967,868	296,787	-						-	-	296,787	-	-	296,78
		216,143	216,143		72,048						517,843	200,120	790,011	_		790,01
2,967,868		216,143	3,184,011	296,787	72,048				`		517,843	200,120	1,086,798	-	-	1,086,79
157,925			157,925	15,793			/	Estimated V	-11-	\ 	1		15,793	130,361		
1,543,876			1,543,876	154,388				Section w		//			154,388	246,575	•	146,15
585,504		_	585,504	58,550	_			replaced by		3)			58,550	182,425	:	400,90 240,91
2,680,157		٠,	2,680,157	268,016	_					11	_		262,016	1,357,128	-	1,675,14
		-	-				1	values prid hearing o		//		_	102,012	2,337,128		1,043,1
1,877,989			1,877,989	375,598			\	nearing c	lete				375,598	2,881,514		3,257,1
586,977			586,977	58,698	-						_		58,698	200,961		259,6
246,652			246,652	246,652									246,652	165,589		412,24
607,669			607,669	60,767									60,767	-		60.76
911,509			911,509	91,151			,						91,151	-		91.15
-		<u> </u>												-	-	-
,198,258		-	9,198,258	1,329,613	-						•	-	1,329,613	5,164,553		6,494,16
		666,612	666,612		222,204			None	٠,		1,007,290	389,267	1,618,761			1,613,76
9,198,258	الكلا	646,612	9,864,870	1,329,613	222,204				//		1,007,290	389,267	2,948,374	5,164,553	•	8,112,93
2,075,136	243,512	_	2,318,748	231.675	_		2,641,244	1,325,643	161,054	2,015,#89						
.,0-5,150	2-3,012		-,025,740	231,813			1,471,247	1,323,943	101,034	2,013,887	310,820	120.115	6,375,705	-	•	6,375,70
2,075,136	243,612		2,312,742	231,175			2,641,244	1,325,643	161,054	2,015,889	310,820	120,116 120,116	430,936 6,806,641			430,9 6,806,6
	*****			1 858 275	201 252											
1,241,262	243,612	\$12,755	15,367,629	1,858,275	294,252		2,641,244	1,325,643	161,054	2,015,889	1,835,953	709 503	10,841,813	5,164,553		16,006,3

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

								NO	RTH CAR	DUNA JURISDICTIO	DNALLY ALLOC	ATED RETA	L COSTS ONLY	;				_	
C.	. Prior Prospectiv	e Period	08M (1)	Insurance (2)	ASG Expense	Capitalized OSM and ASG (4)	Amortization of Capitalized O&M (5)		(2)	OSDR Capital Costs (8)	Income Taxes on DSDR Capital Costs (9)	DSDR Property Taxes (10)	OSOR Depreciation	Carrying Costs Net of Taxes (12)	Income Taxes on Carrying Cost (13)	Rev Regmt Belore PPI & NLR (14)	Net Lost Revenue Recoupment (15)	Program Performance Incentive (16)	Rev Regint With PPI & NIR (27)
						ZCab(I)Bru(\$	∉1)+(2)) /10	(36)				- /			,	EColorSident(13)	1007	1209	ICH(10Fm(10)
	NC DSM Program Expanses														_				
1	CIG DR	Per Books	376,078		-	376,078	37,608							(_ Noi	es) _	37,604	6,751	_	44,359
2	EnergyWise	Aer Books	3,637,349		-	3,637,389	363,739	-						<u> </u>		363,739	15.043	_	378,782
3	Total DSM	I lines I thru 2	4,013,467		-	4,013,467	401,347									401,347	21,794		423,141
4	DSM Assigned A&G and CCost	Per Books			236,593	236,593		78,864						340,204	151,472	550,540	,		550,540
s	Total DSM and Assigned Costs	I Unes 3 thru 4	4,013,467		235,593	4,250,060	401,347	78,864						340,204	131,472	951,887	21,794	-	973,641
	NC EE Program Expenses										•				_				
6	Res Home Advantage	Per Books	399,200			399,200	39,920						/	1		39.920	77.76		
7	Res Home Energy Improvem't	Per Sooks	1,602,782			1,602,782	160,272						//	· ·	-	150,278	77,176 174,233	•	117,096
	Residential Low Income	Per Books	587,889			547,889	52,789				Values fron		//		-	58,789	112,669	•	338,511
9	CIG Energy Efficiency	Per Basks	2,356,418		-	2,356,418	235,642	_			Supplementa		11		•	235,642	863,982	•	171,458
10	Solar Hot Water Pilot	Per Books	26,227		-	26,227	2,623				No. 1, page 1		1		-	2,623	803,962	-	1,099,624
11	1 Residential Lighting*	Per Books	1,122,438			1,122,438	224,483			į.	in Docket No.			_	-	224,488	1,649,897	-	2,623
12	Res Appliance Recycling	Per Books	311,221			311,221	31,122	_			1007	!	//			31,122	95,689	-	1,874,385
13	EE Benchmarking*	Per Books	401,901		-	401,901	401.901						//	Ĭ.	•	401,901	57,519	-	126,811
14	Small Business Energy Saver	Per Books			-		,							•	-	401,901	57,519	-	459,420
15	Residential New Construction	Per Books	-												•	•	-	•	-
16	i Home Depot CFL	* Per Books	-												•	•	•	-	•
17	7 Total EE	I Unes 6 thru 16	6,808,076			6,608,076	1,154,763							<u> </u>		1,154,763	3,035,165		
18	EE Assigned A&G and CCost	Fer Books			433,714	433,714		144,571			Fred	11 .		687.300	265,607	1,154,763	3,033,163	-	4,119,921
19	Total EE and Assigned Costs	Elines 17 thru 18	6,808,076		433,714	7,241,790	1,154,763	144,571			Hole A	, 		687,300	265,607	2,252,241	3,035,165		1,097,478 5,217,406
	* NC DSDR Program Expensus																		
20	· · · · · · · · · · · · · · · · · · ·	Per Books	2,986,453	171,448		3,157,901	315.790							•					
21	-	Per Books	2,360,433	171,448		3,157,901	315,/90	•		2,130,334	1,078,371	91,450	1,445,244			5,061,243	٠.	-	5,068,243
	Total DSDR and Assigned Costs	E Unes 20 thru 21	2,986,453	171,448		3,157,901	315,790							200,684	77,554	271,238			278,238
		+ 0.163 20 this 21	4,360,433	474,998		1,137,501	315,790	•		2,130,388	1,078,371	91,450	1,445,244	200,684	77,554	5,346,481	-	•	5,346,481
23	Prior Prospective Period Totals	Lines 5 + 19 + 22	13,807,996	171,448	670,307	14,649,751	1,871,900	223,435		2,130,388	1,078,371	98,450	1,445,244	1,228,188	474,633	8,550,609	3,056,959		11,607,568
									T										
_							_	NO	TITI CAKE	UNA JURISDICTIO	JNAULT ALLOCA	ATED RETAI	L COSTS ONLY						

D. EMF Revenue Requirements

	Period + Prospective Period - Prior Prosp Aug 2011 through July 2012		08M (1)	Insurance	A&G Expense	OBM and ASG	Amortization of Capitalized OSM	Capitalized A&G	Amortization	Costs	Capital Costs	OSOR Property Taxes	DSDR Depreciation	Carrying Costs Net of Taxes	Cost	Rev Regint Before PPI & INLR	Net Lost Revenue Recoupment	Program Performance Incentive	Rev Reamt With PPI & NLR
	Aug 2021 unough July 2012		(1)	(2)	137	(4) ΣCols(1)Shru(3)	(S) ((1)+(2))/18	(3) 0. (6)	(7)	(8)	(5)	(10)	(11)	(12)	(13)	(14) ICah(5)Pro(13)	(15)	(16)	(27) ICala(14)8au(18)
	NC DSM Program Expenses														_				
1	CIG DR	Sections A + B - C	1,677,847		-	1,677,847	167,784	-	186,439	: 0.			10.0	(_Note	u) .	354,223	(3,018)	94,922	446,127
2	EnergyWise	Sections A + B - C	9,077,801			9,077,801	907,780	-	1,901,946			7		ļ <u>, </u>		2,609,726	(4,962)	494,464	3,699,632
3	Total DSM	I lines I thru I	10,755,648			10,755,648	1,075,564		2,088,385		-			-		3,163,949	(7,980)	989,790	4,145,759
4	DSM Assigned A&G and CCost	. Per Boeks			745,204	745,204		248,402	530,711					1,406,693	\$43,616	2,729,422	(7,340)	347,730	2,729,422
5	Total DSM and Assigned Costs 1	£ Lines 3 thry 4	10,755,648		745,204	11,500,852	1,075,564	248,402	2,619,096					1,406,693	543,616	5,893,371	(7,980)	989,790	6,875,181
	NC EE Program Expenses										•								
6	Res Home Advantage	Sections A + B - C	1,261,287		-	1,261,287	126,129		256,329				/3	l .		382,458	313,674	113,592	650 711
7	Res Home Energy Improvem't	Sections A + B - C	4,631,429		-	4,631,429	463,144	-	1,270,773				//]	-	1,733,917	684,741	231,582	909,723 1,650,340
	Residential Low Income	Sections A + B - E	1,733,283		-	1,733,283	173,328		302,347		Section D Value	segual	//		-	475.675	481.843	431,382	2,650,240 957,518
•	CIG Energy Efficiency	Sections A + B - C	7,716,554		-	7,716,554	771,656	-	1,336,314		sum of Section		14	_	_	2,107,970	3,668,687	1.281,734	7,058,391
10	Solar Hot Water Pilot	Sections A + B - C	67,012			67,012	6,701	-	32,642				ij	_		39,343	J, 546,667	1.241,734	39,343
11	Residential Lighting*	Sections A + B - C	6,000,268			6,000,268	1,200,053	-	1,550,117		Section B Valu		//	_		2,760,170	7,431,599	#99,4#5	11,091,253
12	Res Appliance Recycling	Sections A + B - C	1,237,880			1,237,880	123,788		157,048	<u> </u>	Section C V	lines	//			280.836	538,976	65,334	885,147
13	EF Benchmarking*	Sections A + B - C	474,046			474,046	474,046	-	•							474,046	605,827	33,296	1,113,168
14	Small Business Energy Saver	Sections A + B - C	671,785			671,785	67,179	-	-							67,179	GU3,827	33,276	1,113,164 67,179
15	Residential New Construction	Sections A + B - C	954,693		-	954,693	95,469		-			/			_	95,469	-	•	95,469
16		Sections A + B - C							34,012					_	-	34.012			34,012
17	Total EE	I Lines & thru 16	24,748,237			24,748,237	3,501,493		4,949,582							8,451,075	13,725,346	2,625,022	24,801,443
18	EE Assigned A&G and CCost	Fer Books -:			1,625,544	1,625,544		541,848	658,280			11 .		2,700,088	1.043.448	5.143.664	,- 25,540	2,023,021	5,143,664
19	Total EE and Assigned Costs	E lines 17 thru 18	24,748,237		1,625,544	26,373,781	3,501,493	541,848	5,807,862		Note A	7)		2,700,088	1,043,448	13,594,739	13,725,346	2,625,022	29,945,107
	NC OSDR Program Expenses											/							
20	DSDR Program	Sections A + Ø - C	5,919,236	659,372		6,578,606	657,861		1,355,706	7,496,560	3,775,283	404,906	5,400,665			10.000.01-			
21	DSDR Assigned A&G and CCost	Per Books	-,,						83,917	7,430,380	3,773,483	*****	3,400,003	431,509	321.336	19,090,981	•	•	19,090,981
22	Total DSDR and Assigned Costs	I Lines 20 thru 21.	5,919,236	659,372	-	6,578,608	657,861	-	1,439,623	7,496,560	3,775,283	404,906	5,400,665	131,509	321,336	1,236,762 20,327,743	 :		1,236,762 20,327,743
23	EMF Period Totals	Line: \$ + 19 + 22	41,423,121	659,372	2,370,748	44,453,241	5,234,918	790,250	9,866,581	7,496,560	3,775,283	404.906	5,400,665	4.938.290	1,506,400				
				******	2,2.4,144		-,,		2,000,241	7,430,300	3,113,263	40.7,700	3,400,963	4,735,490	1,504,400	39,415,853	13,717,366	3,614,812	57,141,031

^{*} 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

								N	ORTH CAROLI	NA JURISDICTIO	DNALLY ALLOCA	TED RETAI	COSTS ONLY	/ · · · · · · · · · · · · · · · · · · ·					
E.	Rate Period										Income Taxes	DSDR			Income Taxes	Rev Regmt	Net Lost	Program	Rev Regmi
					A&G	Capitalized	Amortization of	Amortization of	Prior Period	DSDR Capital	on DSDR	Property	OSDR	Carrying Costs	on Carrying	Before PPI &	Revenue	Performance	With
	*		08M	Insurance	Expense	O&M and A&G	Capitalized OSM	Capitalized A&G	Amortization	Costs	Capital Costs	Tares	Depreciation	Net of Taxes	Cost	NLR	Recoupment	Incentive	PPI & NLR
	December 2012 through November	2013	(1)	(2)	(3)	(4) IColo(1)thru(3)	(5) ((1)+(2))/10	(6)		(10)	(11)	(12)	(13)	(14)	(15)	(16) (16) (16)	W/P D-2	W/F D-1	(19) ECols(18)Bru(18)
	NC DSM Program Expenses													(No	~ 」)	•			,
1	CIG DR	Per Forecest	2,150,552			2,158,552	215,855		320,864					, , , , , , , , , , , , , , , , , , , 		536,719		96,175	632,894
2	EnergyWise	Per Forecest	1,079,695			8,079,695	807,970	·	2,947,645							3,755,615	-	955,649	4,711,264
3	Total DSM	I lines 1 thru 2	10,238,247			10,238,247	1,023,825		3,268,509							4,292,334	-	1.051.824	5,344,158
4	DSM Assigned A&G and CCost	Per Books			600,653	600,653		200,218	499,520					1,912,620	739,131	3,351,489			3,351,489
5	Total DSM and Assigned Costs	Etines 3 thru 4	10,238,247		600,653	10,838,900	1,023,025	200,218	3,768,029					1,912,620	739,131	7,643,823	-	1,051,824	8,695,647
	NC EE Program Expenses		_											_					
6	Res Home Advantage	Per Forecast	23,132		-	23,132	2,313		406,585				'		-	408,898	328,751	134,616	872,265
7	Res Home Energy Improvem't	Per Forecast	4,097,062		-	4,097,062	409,706		1,739,807					-	-	2,149,513	627,546	351,759	3,128,818
	Residential Low Income	Per Forecast	1,779,627		•	1,779,627	177,963	-	475,914						-	653,877	543,683	-	1,197,560
9	CIG Energy Efficiency	Per Forecast	8,849,047		•	8,849,047	684,905		2,075,596						-	2,960,501	3,865,167	1,803,103	8,628,771
10	Solar Hot Water Pilot	Per Forecast				•			41,966							41,966		- '	41,966
11	Residential Lighting®	Per Forecast	5,267,461		•	5,267,461	1,053,492		2,609,060					-	-	3,662,552	8,755,077	1,339,112	13,756,742
12	Res Appliance Recycling	Per Forecost	2,025,951		-	2,025,951	202,595	•	253,260					-	-	455.855	713,409	101,165	1,270,425
13	EE Benchmarking*	Per Forecest	514,271			614,271	614,271	-	-					1		614,271	-	71,476	615,747
14	Small Businesa Energy Saver	Per Forecest	2,690,912		-	2,690,912	269,091		6,412		•					275,503		-	275,503
15	* Residential New Construction	Per Forecost	6,340,005		-	6,340,005	634,001		4,318							638,319	-	-	638,319
16	•	Per Forecost							34,012			_				34,012	-		34,017
17	Total EE	I Unes 6 thru 16	31,687,468		•	31,687,468	4,248,337		7,646,930		-//					11,895,267	14,633,634	3,801,232	30,530,132
18	EE Assigned A&G and CCast	Per Forecast			1,851,555	1,853,555		617,852	919,745		(Note)	. 11		4,236,744	1,637,288	7,411,629			7,411,629
19	Total EE and Assigned Costs	Etines 17 thru 18	31,627,462		1,853,555	33,541,023	4,248,337	617,852	8,566,675			بدارك		4,236,744	1,637,288	19,306,496	14,633,634	3,801,232	37,941,761
	NC DSDR Program Expenses																		
20	DSDR Program	Per Forecast	6,030,476	942,733		6,973,209	697,321		2,097,482	10,672,431	5,356,504	695,224	10,584,484			30,103,446	-		30,103,446
21	DSDR Assigned A&G and CCost	Per Forecast			•	-		<u>-</u> _	(1,002)					1,214,584	469,376	1,682,958			1,682,958
22	Total DSDR and Assigned Costs	2 Unes 20 thru 21	6,030,476	942,733	-	6,973,209	697,321	•	2,096,480	10,672,431	5,356,504	695,224	10,584,484	1,214,584	469,376	31,786,404	•	•	31,786,404
23	Rate Period Totals	Lines 5 + 19 + 22	47,956,191	942,733	2,454,208	51,353,132	5,969,483	\$18,070	14,431,184	10,672,431	5,356,504	695,224	10,584,484	7,363,948	2,845,795	58,737,123	14,833,634	4,853,056	78,423,813

^{. *} 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.

-(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.

(B) - 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.

Evans Direct Exhibit No. 2 Page 1 of 1

PROGRESS ENERGY CAROLINAS, INC.

Annual Sales for NC Customers Opting-Out for DSM/EE Rate¹
Annual Sales for the Year Ended March 31, 2012

	. W/P R-3
Rate Class	Opt-Out KWHs
Residential	· · · · · ·
General Service	11,179,802,071
Lighting	12,683,943
Total Opt-Out Sales	11,192,486,014

¹ Actual Opt-Out volumes for the twelve-months ending March 31, 2012.

Evans Direct Exhibit No. 3 Page 1 of 1

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	Rate Class Energy Allocation Factor
Rate Class	W/P'R-3	(2)	(3) = (1) - (2)	(4) = (3) / NC Total in Column 3
Residential	15,356,064	- .	15,356,064	57.79%
General Service	21,949,734	11,179,802	10,769,932	40.53%
Lighting	458,071	12,684	445,387	1.68%
NC Retail	37,763,869	11,192,486	26,571,383	100.00%

- (1) Total NC Rate Class Sales (MWHrs) are for the forecasted year ending November 2013.
- (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.

Evans Direct Exhibit No. 4 Page 1 of 1

PROGRESS ENERGY CAROLINAS, INC.

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)	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	15,356,064	0	3,897,801	3,897,801	66.79875%
General Service	21,949,734	11,179,802	3,948,409	1,937,340	33.20125%
Lighting	458,071	12,684	0	0	0.00000%
NC Retail	37,763,869	11,192,486	7,846,210	5,835,141	100.00000%
	W/P R-3	Antonia de de la constanta de	W/P B-5B	ACT THE THROUGH WAS IN LABOR CLEEL THE AREA PROPERTY AND	, and mental precise to precise post care.

- (1) Total NC Rate Class Sales (MWHrs) are for the forecasted year ended November 2013.
- (2) Opt-Out sales are provided in Evans Direct Exhibit No. 2
- (3) The CP demands are based on the 2011 Coincident Peak occurring on July 2 during the hour ended at 3 P.M.

Energy Efficiency Rate Derivation

					EE	Revenue Requirer	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	15,356,063,960	57.79%	\$21,625,858	\$0	\$17,397,305	\$5,395,360	\$972,611	\$45,391,133	\$0.002956
General Service	10,769,931,702	40.53%	\$0	\$8,904,274	\$12,201,550	\$2,016,269	\$682,138	\$23,804,231	\$0.002210
Lighting	445,387,173	1.68%	\$0	\$0	\$504,591	\$0	\$28,210	\$532,801	\$0.001196
NC Retail	26,571,382,835	100%	\$21,625,858	\$8,904,274	\$30,103,446	\$7,411,629	\$1,682,958	\$69,728,165	\$0.002624

- (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 and Small Business Energy Saver 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

NC Rate Class	Adjusted NC Rate Class kWHr Sales ⁽¹⁾	Rate Class Demand Allocation Factor ⁽²⁾	EnergyWise Program Costs ⁽³⁾	CIG DR Program (4) (4)	Allocated A&G Costs ⁽⁵⁾ (5)	Allocated Carrying Costs ⁽⁵⁾	Total of Allocated Costs (7) = Σ (3 thru 6)	Total DSM Rate (8) = (7) / (1)
Residential	15,356,063,960	66.80%	\$4,711,264	\$0	\$612,242	\$2,320,173	\$7,643,679	\$0.000498
General Service	10,769,931,702	33.20%	\$0	\$632,894	\$87,496	\$331,578	\$1,051,969	\$0.000098
Lighting	445,387,173	0.00%	\$0	\$0	\$0	\$0	<u> </u>	\$0.000000
NC Retail	26,571,382,835	100.00%	\$4,711,264	\$632,894	\$699,738	\$2,651,751	\$8,695,647	\$0.000327

- (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

			Res	idential			Genera	al Service			Light	ting			Totals	ı	
Line	Description	DSM	DSDR	EE	Total	DSM	DSDR	EE	Total	DSM	DSDR	EE	Total	D5M	DSDR	ΕE	Total
1	Fest Period DSM/EE Rate Billings ¹ Amounts from Schedule WP 8-2	\$ 4,878,588	\$ 12,260,059	\$ 15,812,080	\$ 32,950,727	\$ 825,780	\$ 8,370,006	\$ 5,859,499	\$ 15,055,285	\$.	\$ 352,317	\$ -	\$ 352,317	\$ 5,704,368 \$	20,982,382 \$	21,671,579	\$ 48,358,329
2	Prospective Period DSM/EE Rate Billings ² Amounts from Schedule WP R-2	2,035,724	4,464,409	7,229,165	13,729,298	346,302	3,459,350	3,009,728	6,815,380	-	139,552		139,552	2,382,025	8,063,311	10,238,893	20,684,230
3 1	Less: Prior Prospective Period Billings ³ Amounts from WPR-2	(1,394,310)	(3,790,164)	(4,241,826)	(9,426,300)	{267,582}	(2,729,295)	(1,712,479)	(4,709,356)	<u>.</u>	(110,418)	-	(110,418)	(1,661,892)	(6,629,878)	(5,954,305)	(14,246,074)
4	Uncollectibles Allowances in Rates ⁴ Amounts from WF 8-9	(30,956)	(72,534)	(105,425)	(208,914)	(360)	(3,620)	(2,847)	(6,827)	•	•	• -	-	(31,315)	(76,154)	(108,272)	(215,741)
5	Over or (Under) collection of Uncollectibles 5 Amounts from WP 8-6	5,207	10,370	19,062	34,639	24	. 332	307	663	•	•	-	-	5,232	10,702	19,368	35,302
6	Undercollection of Home Advantage PPI ⁶ Amounts from WP D-SA	-	-	(5,198)	(5,198)	-	-	-		•	•		-			(5,198)	(5,198)
7	Undercollection of Appliance Recycling PP(⁷ Amounts from WP D-58	-	•	(6,910)	(6,910)	•	•	•	•	-	-	-	٠	-	-	(6,910)	(6,910)
8	Undercollection of CIG Demand Response PPI Amounts from WP D-58	(10,369)	-	-	(10,369)	-	-	-	-	-	•		-	(10,369)	•	-	(10,369)
9	Interest on Overcollections at 10.0% Amounts from WP 8-10	•	•	٠	•	•	•	•	-	-	5,429			-	5,429	-	5,429
10	Net Adjustments to DSM/EE EMF Clause	\$ 5,483,884	\$ 12,872,140	\$ 18,700,948	\$ 37,056,972		\$ 9,096,773	\$ 7,154,207	\$ 17,155,145	\$	\$ 386,879	\$	\$ 381,450	\$ 6,388,049 \$	22,355,792 \$	25,855,155	\$ 54,598,997
	I Lines 1 through 9	To Exhibit 9	<u> </u>			To Exhibit 9	<u> </u>				To Exhibit 8			To Exhibit 9	L		
			\$31,5	73,088			\$16,25	0,981							\$48,210,94	LB.	
			To Ex	shibit B			Te Est	illit a							To Exhibit 8		

¹ Actual DSM/EE Rate billings for test period (April 2011 through March 2012) .

² Actual and estimated DSM/EE Rate billings for prospective period (April 2012 through July 2012).

³ Actual DSM/EE Rate billings for prior prospective period (April 2011 through July 2011) .

⁴ Recognition of Docket No. E-2, Sub 977 and Sub 1002 based uncollectible revenues for the period August 1, 2011 through July 31, 2012.

⁵ True-Up of estimated uncollectibles covering the period August 1, 2011 through July 31, 2012.

Recoupment of understated Vintage 2009 Residential Home Advantage Program PPI, adjusted for carrying costs, using verified results.

Recoupment of understated Vintage 2010 Residential Appliance Recycing Program PPI, adjusted for carrying costs, using verified results.

Recoupment of understated Vintage 2010 CIG DR Program PPI, adjusted for carrying costs, using verified results.

Estimated refund of interest obligation associated with extended test period (August 1, 2011 through July 31, 2012) over-recovery of revenues.

Energy Efficiency Experience Modification Factor Rate Derivation

Non-DSDR Allocated A&G and Carrying Costs ⁽⁶⁾ (8)	DSDR Allocated A&G and Carrying Costs ⁽⁵⁾ (7)	Total of Allocated Costs (8) = \$\infty\$ (3 thru 7)	Less: Prior Period DSWEE Rate Adjustment ⁽⁷⁾ (9)	Adjusted EE EMF Revenue Requirement (10)=(6)(9)	Total EE EMF Rate (11) = (10) / (1)
--	--	--	---	---	---

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 ^(d)	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)	(8) = Σ (3 thru 7)	(9)	(10)=(6)-(9)	(11) = (10) / (1)
Residential	15,356,063,960	57.79%	\$17,743,052	\$0	\$11,033,010	\$3,860,669	\$714,746	\$33,351,477	\$31,573,088	\$1,778,389	\$0.000116
General Service	10,769,931,702	40.53%	\$0	\$7,058,391	\$7,737,970	\$1,282,995	\$501,285	\$16,580,641	\$16,250,981	\$329,661	\$0.000031
Lighting	445,387,173	1,68%	\$0	\$0	\$320,001	\$0	\$20,730	\$340,732	\$386,879	-\$46,147	-\$0.000104
NC Retail	26,571,382,835	100,00%	\$17,743,052	\$7,058,391	\$19,090,981	\$5,143,664	\$1,236,762	\$50,272,850	\$48,210,948	\$2,061,902	\$0.000078

- (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 and Small Business Direct Energy Saver 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 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	15,356,063,960	66.80%	\$3,699,632	\$0	\$691,887	\$1,731,960	\$ 6,123,479	\$5,483,884	\$639,595	\$0.000042				
General Service	10,769,931,702	· 33.20%	\$ 0	\$446,127	\$87,226	\$218,349	\$751,702	\$904,165	-\$152,463	-\$0.000014				
Lighting	445,387,173	0.00%	\$0	\$0	\$ 0	\$0	\$0	\$0	\$0	\$0.000000				
NC Retail	26,571,382,835	100%	\$3,699,632	\$446,127	\$779,113	\$1,950,309	\$6,875,181	\$6,388,049	\$487,133	\$0.000018				

- (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.

Evans Direct Exhibit No. 10 Page 1 of 1

PROGRESS ENERGY CAROLINAS, INC.

DSM/EE Annual Rate & EMF - December 2012 through November 2013

All rates are shown in dollars per kWh

DSM/EE Adjustment Rate

			Doin, ac. 10,000.				
				GRT & Reg	DSM/EE Rate	Uncollectibles	DSM/EE
NC Rate Class	EE Rate	DSM Rate	DSM/EE Rate	Fee	w/ Gross-up	Adjustment	Billing Rate
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Residential	\$0.002956	\$0.000498	\$ 0.00345	\$ 0.00012	\$ 0.00357	\$.0.00002	\$ 0.00359
General Service	0.002210	0.000098	0.00231	0.00008	0.00239	0.00000	0.00239
Lighting	0.001196	0.000000	0.00120	0.00004	0.00124	0.00000	0.00124
NC Retail	\$ 0.002624	\$ 0.000328	\$ 0.00295	\$ 0.00010	\$ 0.00305	\$ 0.00001	\$ 0.00306
		DSM/EE I	Experience Modifi	cation Factor (EMF)		(C) in the second of the secon
		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
	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Residential	\$0.000116	\$0.000042	\$0.00016	\$0.00001	\$0.00017	\$0.00000	\$0.00017
General Service	0.000031	-0.000014	0.00002	0.00000	0.00002	0.00000	0.00002
Lighting	-0.000104	0.000000	-0.00010	0.00000	-0.00010	0.00000	-0.00010
NC Retail	\$0.000078	\$0.000018	\$0.00010	\$0.00000	\$0.00010	\$0.00000	\$0.00010

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	\$0.00359	\$0.00017	\$0.00376
General Service	\$0.00239	\$0.00002	\$0.00241
Lighting	\$0.00124	-\$0.00010	\$0.00114
NC Retail	\$0.00306	\$0.00010	\$0.00316

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-09	to	Apr-10	Calendar 2008 Analysis 1	86.16%	13.84%	85.06%	14.94%
	2	May-10	to	Арг-11	Calendar 2009 Analysis ²	85.89%	14.11%	85.41%	14.59%
	3	May-11	to	Apr-12	Calendar 2010 Analysis ³	86.49%	13.51%	85.53%	14.47%
	4	May-12	to	Арг-13	Calendar 2011 Analysis 4	86.63%	13.37%	85.92%	14.08%
В.	Cust	tom Period	Fact	ors					
		Calendar \	Year 2	2011 ⁵					
	5	Jan-11	to	Dec-11	Line 2 x $\frac{1}{3}$ + Line 3 x $\frac{2}{3}$	86.29%	13.71%	85.49%	14.51%
		Calendar \	Year 2	2012 ⁵					
	6	Jan-12	to	Dec-12	Line 3 x $\frac{1}{3}$ + Line 4 x $\frac{2}{3}$	86.58%	13.42%	85.79%	14.21%

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 Docket No. E-2, Sub 1002

⁴ Allocation Factors values from W/P B-5A

⁵ Employed in the allocation of Utility Cost Test (UCT) results for PPI determination.

PROGRESS ENERGY CAROLINAS, INC. Energy & Summer Production Demand Allocation Factors

From Calendar 2011 Analysis

	Production		Production ¹	
•	Energy		Summer CP	
Rate Schedule	<u>(kWh)</u>	-	(KW)	
(1)	(2)		(3)	
NC RES	16,310,698,882		3,897,801	
NC SGS	1,840,699,542		454,518	
NC SGT (SGS)	627,665,226		110,755	
NC SGT (MGS)	7,679,695,328		1,539,087	
NC MGS	2,553,005,145		554,087	
NC SI	52,796,634		8,656	
NC LGS	1,132,354,348		189,568	
NC LGS-TOU	2,113,832,852		307,813	
NC LGS-RTP	5,489,146,031		782,784	
NC TSS	9,052,994		1,142	
NC ALS	311,403,403		' -	
NC SLS	123,743,581		-	
NC SFLS	1,493,229		-	
110 01 20		-		
Total NC	38,245,587,195	85.92%	7,846,210	86.63%
		↑		^
SC RES	2,216,863,951		542,696	
SC SGS	287,853,858		71,469	
SC SGT (SGS)	89,757,127		15,382	
SC SGT (MGS)	1,014,393,803		197,940	
SC MGS	524,054,123		109,226	
SC SI	17,997,286	T ₀	3,633	To
SC LGS	670,357,042	W/P8	108,849	₩/PB
SC LGS-TOU	1,008,406,661		115,006	\smile
SC LGS-RTP	342,941,043	i	46,266	
SC TSS	661,123		80	1
SC ALS	73,552,382		-]
SC SLS	17,910,264			1
SC SFLS	200,150	Ţ	-	↓
00 01 20		▼ -		. ▼
Total SC	6,264,948,813	14.08%	1,210,545	13.37%
•				
Total System	44,510,536,008	100.00%	9,056,755	100.00%

¹ Based on Summer Coincident Peak event on July 22, 2011 during hour ending 1500 EDT.

W/P B-5B

PROGRESS ENERGY CAROLINAS, INC. Summer Coincident Peak Production Demand Allocation Factors Calendar 2011 - 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)
NC RES	3,897,801	Residential	3,397,301	49.63%
NC SCS	454,513	Small Ceneral Service	455,660	5.01%
NC SOT (SOS)	110,755	Medium General Service	2,212,583	28.20%
NC SCT (MCS)	1,539,037	Large General Service	1,280,165	16.32%
nc mes	554,087	Lighting	0	0.00%
NCSI .	8,656			
MC LGS	189,563	NC Retail	7,846,210	100.00%
NC LES-TOU	307,813			
NC LCS-RIP	782,784			
NC TSS	1,142	DSM/EE Rate Classes		
NC ALS	0	Residential	3,397,801	49,63%
NC SLS	0	General Service	3,948,409	50.32%
NC SFLS	0	Lighting	0	0.00%
NC Retail	7,846,210	NC Retail	7,846,210	100.00%

¹ Summer Conicident Peak values from W/P 5A

Progress Energy Carolinas, Inc.

North Carolina Uncollectible Data & Adjustments

		-	
	Residential		
1	Sales (kWh)	Per Books 12 ME 12-11	15,852,510,456
2	Uncollectibles (kWh)	WP B-7	74,243,215
3	Percentage	Line 2 / Line 1	0.4683%
4	Estimated Residential Uncollectible Percentage	Dkt No. E-2 Sub 1002, WP B-6 Supp	0.5601%
5	Variation from Estimate	Line 3 - Line 4	-0.0918%
6	NC Residential DSM/EE & EMF Billings	(Aug-11 thru Jul-12 W/P R-2a)	\$ 37,748,218
7	NC Uncollectible DSM/EE Overcollection	Line 5 x Line 6	\$ (34,638.79)
		Revenue %s	Rev %s x Line 9
8	Energy Efficiency (% from W/P R-2A Line 111)	55.03%	\$ (19,061.60)
9	Demand Side Mgt (% from W/P R-2A Line 109)	15.03%	(5,207.28)
10	DSDR (% from W/P R-2A Line 110)	29.94%	(10,369.91)
11	Check Total	100.00%	\$ (34,638.79)
	General Service (net of Opt-Outs)		
1	Sales (kWh)	12 ME 12-10 (W/P R-3)	10,539,269,626
2	Uncollectibles (kWh)	WP B-7	4,232,050
3	Adjusted Uncollectible Rate	Line 2 / Line 1	0.0402%
4	Estimated Gen Svc Uncollectible Percentage	Dkt No. E-2 Sub 1002, WP B-6 Supp	0.0441%
5	Variation from Estimate	Line 3 - Line 4	-0.0039%
6	NC Gen Svc DSM/EE & EMF Billings	(Aug-11 thru Jul-12 W/P R-2a)	\$ 16,814,911
7	NC DSM/EE Uncollectible Overcollection	Line 5 x Line 6	\$ (663.34)
		Revenue %s	Rev %s x Line 9
8	Energy Efficiency (% from W/P R-2A Line 111)	46.24%	\$ (306.75)
9	Demand Side Mgt (% from W/P R-2A Line 109)	3.68%	(24.39)
10	DSDR (% from W/P R-2A Line 110)	50.08%	(332.20)
11	Check Total .	100.00%	\$ (663.34)

Progress Energy Carolinas - Uncollectible Revenue Statistics

Shown by usage month - not month of accounting event

Billing Month

North Carolina Accounts Charged Off 04/11 - 03/12

Res Service

Month .	Uncollectible Rev	ම්සුවෙල්ල්ලාවෙල්
January-11	\$1,231,451.15	13,098,482
February-11	\$1,118,275.69	11,781,966
March-11	\$701,750.13	7,259,912
April-11	\$433,387.57	4,418,329
May-11	\$307,236.60	. 3,094,572
June-11	\$452,833.63	4,719,546
July-11	\$662,268.47	6,274,933
August-11	\$870,734.86	8,275,941
September-11	\$708,692.24	6,668,831
October-11	\$435,640.73	4,093,772
November-11	\$266,955.59	2,698,658
December-11	\$182,905.79	1,858,271
	\$7 272 122 AE	74 742 215

\$7,372,132.45 74,243,215

General Service

Month	Uncollectible Rev	Uncollectible Userse
January-11	\$62,482.91	669,406
February-11	\$56,568.36	596,501
March-11	\$31,608.41	325,271
April-11	\$25,572.25	264,733
May-11	\$17,694.39	186,109
June-11	\$29,531.51	330,071
July-11	\$29,498.30	284,555
August-11	\$42,366.55	409,816
September-11	\$31,370.21	300,183
October-11	\$25,629.12	258,328
November-11	\$38,057.53	529,561
December-11	\$7,841.61	77,515
	¢200 721 1E	. 4 222 050

\$398,221.15 4,232,050

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

WP B-9

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

	Revenue Months	Sources		Residential		neral Service	Lighting	Total		
	E-2, Sub 977 Based Billings							<u> </u>		
1	Aug-11	W/Ps R-2a&b, Line 47	\$	3,120,173	\$	1,296,963	\$ 23,744	\$ 4,440,879		
2	Sep-11	W/Ps R-2a&b, Line 48		2,519,932		1,187,796	23,673	3,731,401		
3	Oct-11	W/Ps R-2a&b, Line 49		1,884,962		1,068,913	23,738	2,977,614		
4	Nov-11	W/Ps R-2a&b, Line 50		1,888,318		916,308	23,569	2,828,195		
5	Billings Aug thru Nov	Σ Lines 1 thru 4	\$	9,413,385	\$	4,469,979	\$ 94,725	\$ 13,978,089		
6	Uncollectible Rate	Docket E-2, Sub 977		0.5334%		0.0406%	0.0000%			
7	Uncollectible Allowance	Line 5 x Line 6	\$	50,211.00	\$	1,814.81	\$ -	\$ 52,025.81		
	E-2, Sub 1002 Based Billings									
8	Dec-11	W/P R-2a, Line 117	\$	2,911,299	\$	1,199,908	\$ 26,683	\$ 4,137,889		
9	Jan-12	W/P R-2, Line 118		4,277,402		1,472,985	30,596	5,780,983		
10	Feb-12	W/P R-2, Line 119		3,826,280		1,422,642	30,396	5,279,317		
11	Mar-12	W/P R-2, Line 120		3,306,500		1,397,175	30,407	4,734,083		
12	Apr-12	W/P R-2, Line 121		2,761,072		1,456,847	30,149	4,248,068		
13	May-12	W/P R-2, Line 122		2,794,835		1,811,186	33,144	4,639,165		
14	Jun-12	W/P R-2, Line 123		3,816,281		1,684,967	31,035	5,532,282		
15	Jul-12	W/P R-2, Line 124		4,641,165		1,899,224	31,862	6,572,251		
16	Billings Dec thru Jul	Σ Lines 8 thru 15	\$	28,334,833	\$	12,344,933	\$ 244,273	\$ 40,924,039		
17	Uncollectible Rates	Docket E-2, Sub 1002		0.5601%		0.0406%	0.0000%			
18	Uncollectible Revenue	Line 16 x Line 17	\$	158,703.40	\$	5,012.04	\$ -	\$ 163,715.44		
19	Σ Uncollectible Recoveries	Line 7 + Line 18	\$	208,914.40	\$	6,826.85	\$ -	\$ 215,741.25		
20	DSM Component %	W/P R-2, Line 89		14.82%		5.27%	0.00%	11.72%		
21	DSDR Component %	W/P R-2, Line 90		34.72%		53.03%	100.00%	40.91%		
22	EE Component %	W/P R-2, Line 91		50.46%		41.70%	0.00%	47.37%		
	Uncollectible Recoveries									
23	DSM Component	Line 19 x Line 20	\$	30,955.50	\$	359.81	\$ -	\$ 31,315.32		
24	DSDR Component	Line 19 x Line 21		72,534.02		3,620.05	-	76,154.07		
25	EE Component	Line 19 x Line 22		105,424.88		2,846.99	-	108,271.87		
26	Σ Uncollectible Recoveries	· Σ Lines 23 thru 25	\$	208,914.40	\$	6,826.85	\$ +	\$ 215,741.25		

W/P B-10

PROGRESS ENERGY CAROLINAS, INC. Interest on DSM/EE Rate Overcollections

	Revenue Months	Sources		Residential	Ge	neral Service		Lighting		Total
1	Aug-11	W/P R-2	\$	3,136,509	\$	1,403,300	\$	27,701	\$	4,567,510
2	Sep-11	W/P R-2		2,533,136		1,285,155		27,619		3,845,910
3	Oct-11	W/P R-2		1,894,836		1,156,527		27,696		3,079,059
4	Nov-11	W/P R-2		1,898,204		991,418		27,497		2,917,120
5	Dec-11	<i>W/₽ R</i> -2		2,882,823		1,239,726		30,304		4,152,853
6	Jan-12	<i>W/P R</i> -2		4,190,717		1,465,120		33,838		5,689,675
7	Feb-12	. W/P R-2		3,748,722		1,414,994		33,615		5,197,332
8	Mar-12	W/P R-2		3,239,479		1,389,689		33,628		4,662,796
9	Apr-12	W/P R-2		2,705,104		1,449,011		33,341		4,187,456
10	May-12	W/P R-2		2,738,183		1,801,449		36,654		4,576,285
11	Jun-12	W/P R-2		3,738,924		1,675,908		34,321		5,449,152
12	Jul-12	W/P R-2		4,547,087		1,889,013		35,236		6,471,336
13				· · · · · · · · · · · · · · · · · · ·		· · · · ·		· ·		
14	DSM/EE Billings	Σ Lines 1 thru 12	\$	37,253,725	\$	17,161,309	\$	381,450	\$	54,796,484
15	·									
16	Uncollectible Rate	W/P B-6		0.4683%		0.0402%		0.0000%		
17	Uncollectibles	Line 14 x Line 16	\$	174,473	\$	6,891	\$	-	\$	181,364
18				•						·
19	Net Revenue	Line 14 - Line 17	\$	37,079,252	\$	17,154,418	\$	381,450	\$	54,615,120
20								·		
21	EMF Revenue Requirement					,				
22	EE	Exhibit 8 Col 8		33,351,477		16,580,641		340,732		50,272,850
23	DSM	Exhibit 9 Col 7		6,123,479		751,702		· <u>-</u>		6,875,181
24	EMF Revenue Requirement	Line 22 + Line 23		39,474,956		17,332,343		340,732		57,148,031
25	•					. ,				
26	Over (Under) Collection	Line 19 - Line 24	\$	(2,395,704)	\$	(177,926)	\$	40,718	\$	(2,532,911)
27	() () () () ()		•	(-1/	Ť	(, ,	Ť		•	(_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
28	Interest Months	Mid-Point Method 1		16		16		16		
29	Annual Interest Rate			10%		10%		10%		
30	, illiad, illiorott rato		_	1070		1070				
31	Calculated Interest	Line 29xLine 28/12xLine 26	\$	(319,427.19)	\$	(23,723.42)	\$	5,429.10	\$	(337,721.52)
32		E C TONEMO EW PENEMO EU	•	(5.15, 1210)	*	(=0,: =0: (=)	•	3, .23. 70	•	(231,1,21,02)
33	Interest Impact on EMF	If Line 31 > 0, Line 31, Else 0	\$	<u> </u>	\$	-	\$	5,429.10	\$	5,429.10

¹ Interest calculated from midpoint of collection period (August 1, 2011 through July 31, 2012) through midpoint of refund period (December 1, 2012 through November 30, 2013).

Workpapers

Section D – Determination of Utility Incentives

Progress Energy Carolinas, Inc. Calculation of Program Performance Incentives

						-1		Residential			,	Residential	ĺ		ĺ	
201	1 Vintage					- 1	Residential	Home Energy		Residential		Appliance		idential		CIG Energy
	_			CIG DR	EnergyWis	~н	iome Advantage	Improvement		hting Program	_	Recycling	Bench	hmarking ³	<u>'</u>	Efficiency
1	Present Value of Avoided Costs	WAP D-10	\$	7,148,840	\$ 53,987,	145 \$	\$ 5,785,423	\$ 14,440,732	\$	32,388,998	\$	3,413,993	\$	990,824	\$	39,905,090
2	Present Value of Program Costs	· WPD-1A		4,425,846	19,684,		1,610,520	6,473,411	<u>. </u>	5,871,613		1,275,400		691,232		8,628,963
3	Net Program Benefits		\$	2,722,994	\$ 34,302,	H3 \$	\$ 4,174,903	\$ 7,967,321	\$	26,517,385	\$	2,138,593	\$	299,593	5	31,276,127
4	NC Allocation Factor	WP 8		86.29%	86	29%	85.49%	85.495	4	85.49%		85.49%		85.49%		85.49%
5	NC Allocated Utility Cost Test	Linux 3 X 4	\$	2,349,671	\$ 29,600,	009 \$	\$ 3,569,124	\$ 6,811,263	\$ \$	22,669,712	5	1,828,283	\$	256,122	\$	26,737,961
																-
6	DSM Program Incentive at 6%	Circus 5 X 456	\$	187,974	\$ 2,368,	001		•								
7	EE Program Incentive at 13%	Lines 5 X 13%				•	\$ 463,986	\$ 885,464	, ,	2,947,063	\$	237,677	\$	33,296	5	3,475,935
8	Program Performance Incentive (PPI)	!ines 6 + 7	\$	187,974	\$ 2,368,	001 \$	\$ 463,986	\$ 885,464	\$ \$	2,947,063	5	237,677	\$	33,296	\$	3,475,935
9	Income Tax Rate	WIP D-1C		39.21%	39	21%	39.21%	39.215	4	39.21%		39.21%		NA		39.21%
10	Income Taxes	- (Lines 8 x S)	\$	(73,696)	\$ (928,	87) \$	(181,908)	\$ (347,151) \$	(1,155,411)	\$	(93,182)		NA	\$	(1,362,758)
11	Net-of-Tax PPI - Total NPV	Linux 9 + 10	5	114,278	5 1,439,	14 5	\$ 282,078	\$ 538,313	5	1,791,651	5	144,494		NA	5	2,113,177
		Line 11 x 0 088054 x (1 + 0 088054) **						· · · · · · · · · · · · · · · · · · ·		 -						
12	Vintage Year 2011 - Year 1 PPI	(1 + 0 0000054) ** - 1	\$	17,655	\$ 222,	103 \$	\$ 43,578	\$ 83,163	\$	276,789	\$	22,323	\$	33,296	\$	326,461
13	Income Tax Gross-Up Factor	1 - Lim B	_	60.79%	60	79%	60.79%	60.799	4	60.79%		60.79%		NA		60.79%
14	Adjusted PPI Current Vintage	Line 12/Line 13	\$	29,040	\$ 365,	128 \$	\$ 71,680	\$ 136,794	\$	455,286	\$_	36,718	\$	33,296	\$	536,991
		•			=											
15	Vintage 2009 PPI Values	Doctor E-2, Sub 977	\$		\$ 135,	41 \$	8,018	\$ 10,405	. \$	-	\$	-	\$	-	\$	169,910
16	Vintage 2010 PPI Values	Occurs E-2, 8x4 1002		A 65,882	393,	199	33,893	84,383	1	444,198		4 28,616				574,833
17	Σ Prior Period PPI		\$	65,882	\$ 529,	40 \$	\$ 41,911	\$ 94,788	\$	444,198	\$	28,616	\$	-	\$	744,743
			(56	e W/P D-58) ↑			(see W/F D-5A) ↑			•	(34	re W/F D-58) ↑				
18	PPI Values for Test Period	Linux 14 + 17	\$	94,922	\$ 894,	68	113,592	\$ 231,582	\$	899,485	\$	65,334	\$	33,296	\$	1,281,734
						Т		- 41 -11	Т		Γ.	[
201	2 Vintage		[O acidonalal	Residential	Τ	Ossida-tipl		lesidential	Resi	idential		16 6-100
201	2 Vintage			CIG DR	Enermitalis	,,,,	Residential	Home Energy		Residential		Appliance		iidential		IG Energy
	•			CIG DR	EnergyWise		lome Advantage	Home Energy Improvement	Lig	thing Program		Appliance Recycling	Bench	hmarking ¹	ı	Efficiency
1	Present Value of Avoided Costs	WF D.16	\$	7,134,050	\$ 19,222,	78 \$	iome Advantage 1,942,792	Home Energy Improvement \$ 13,199,438	Li <u>e</u> 3 \$	thting Program 31,659,281		Appliance Recycling 4,117,619	Bench	hmarking ¹ 1,106,191	ı	Efficiency 39,905,090
1 2	Present Value of Avoided Costs Present Value of Program Costs	WAF D:16 WAF D:1A		7,134,050 7,016,940	\$ 19,222, 13,542,	578 \$ 567	fome Advantage \$ 1,942,792 718,264	Home Energy Improvement \$ 13,199,438 6,224,361	Li <u>z</u> 3 \$ L	shting Program 31,659,281 6,143,444	\$	Appliance Recycling 4,117,619 2,038,051	Bench \$	hmarking ¹ 1,106,191 763,850	\$	39,905,090 9,644,994
1 2 3	Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits	WAP D. SA	\$	7,134,050 7,016,940 117,109	\$ 19,222, 13,542, \$ 5,680,	578 \$ 567	forne Advantage \$ 1,942,792 718,264 \$ 1,224,528	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077	Lig 3 \$ L 7 \$	shting Program 31,659,281 6,143,444 25,515,837	\$	Appliance Recycling 4,117,619 2,038,051 2,079,568	Bench \$	1,106,191 763,850 342,341	\$	39,905,090 9,644,994 30,260,096
1 2 3 4	Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits NC Allocation Factor	WPD:A	\$	7,134,050 7,016,940 117,109 86.58%	\$ 19,222, 13,542, \$ 5,680, 86	578 \$ 567 511 \$	1,942,792 718,264 \$ 1,224,528 85,49%	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85.791	Lig 3 \$ 1 7 \$	shting Program 31,659,281 6,143,444 25,515,837 85,79%	\$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85,79%	Bench \$	1,106,191 763,850 342,341 85.79%	\$	39,905,090 9,644,994 30,260,096 85.79%
1 2 3	Present Value of Avoided Costs Present Value of Program Costs Net Program Benefits	WAP D. SA		7,134,050 7,016,940 117,109	\$ 19,222, 13,542, \$ 5,680,	578 \$ 567 511 \$	1,942,792 718,264 \$ 1,224,528 85,49%	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85.791	Lig 3 \$ 1 7 \$	shting Program 31,659,281 6,143,444 25,515,837 85,79%	\$	Appliance Recycling 4,117,619 2,038,051 2,079,568	Bench \$	1,106,191 763,850 342,341 85.79%	\$	39,905,090 9,644,994 30,260,096
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	W/P D.1A W/P B Lines 3 X 4	\$	7,134,050 7,016,940 117,109 86.58% 101,397	\$ 19,222, 13,542, \$ 5,680, 86 \$ 4,917,	578 \$ 567 011 \$ 58% 043 \$	1,942,792 718,264 \$ 1,224,528 85,49%	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85.791	Lig 3 \$ 1 7 \$	shting Program 31,659,281 6,143,444 25,515,837 85,79%	\$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85,79%	Bench \$	1,106,191 763,850 342,341 85.79%	\$	39,905,090 9,644,994 30,260,096 85.79%
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%	W/P D:A W/P B Lines 3 X 4 Lines 3 X 696	\$	7,134,050 7,016,940 117,109 86.58%	\$ 19,222, 13,542, \$ 5,680, 86 \$ 4,917,	578 \$ 567 011 \$ 58% 043 \$	1,942,792 718,264 5 1,224,528 85.49% 5 1,046,849	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85,791 \$ 5,983,915	Lig \$ L 7	31,659,281 6,143,444 25,515,837 85,79% 21,890,037	\$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85,79% 1,784,062	Bench \$ \$ \$	1,106,191 763,850 342,341 85.79% 293,694	\$ \$	39,905,090 9,644,994 30,260,096 85.79% 25,960,137
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% EE Program Incentive at 13%	WP D.1A WP B Limes 3 X 4 Limes 3 X 6% Limes 5 X 17%	\$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112	\$ 19,222, 13,542, \$ 5,680, 86 \$ 4,917, \$ 393,	578 \$ 567 011 \$ 58% 043 \$	tome Advantage \$ 1,942,792	Home Energy Improvement \$ 13,199,436 6,224,361 \$ 6,975,077 85,791 \$ 5,983,919 \$ 777,905	Lig S S T S S S S S S S S S	31,659,281 6,143,444 25,515,837 85,79% 21,890,037	\$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85.79% 1,784,062	S S	1,106,191 763,850 342,341 85.79% 293,694	\$ \$ \$	39,905,090 9,644,994 30,260,096 85,79% 25,960,137
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% EE Program Incentive at 13% Program Performance Incentive (PPI)	W/P D:A W/P B Lines 3 X 4 Lines 3 X 696	\$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112	\$ 19,222, 13,542, \$ 5,680, 86 \$ 4,917, \$ 393,	578 \$ 567 011 \$ 58% 043 \$ 135	S	Home Energy Improvement \$ 13,199,436 6,224,361 \$ 6,975,077 85.791 \$ 5,983,915 \$ 777,905 \$ 777,905	Lig	31,659,281 6,143,444 25,515,837 85,79% 21,890,037 2,845,705 2,845,705	\$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85.79% 1,784,062 231,928 231,928	\$: \$: \$: \$: \$: \$: \$: \$: \$: \$:	hmarking ¹ 1,106,191 763,850 342,341 85.79% 293,694 38,180 38,180	\$ \$	39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 3,374,818
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%	WP D.1A WP B Limes 3 X 4 Limes 3 X 6% Limes 5 X 17%	\$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21%	\$ 19,222, 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, \$ 393,	578 \$ 567 011 \$ 58% 043 \$ 135 \$ 135 \$	tome Advantage \$ 1,942,792 718,264 \$ 1,224,528 85,49% \$ 1,046,849 \$ 136,090 \$ 136,090 39,21%	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85.791 \$ 5,983,915 \$ 777,905 \$ 777,905	Lig	31,659,281 6,143,444 25,515,837 85,79% 21,690,037 2,845,705 2,845,705 39,21%	\$ \$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85,79% 1,784,062 231,928 231,928 39,21%	\$ \$ \$ \$ \$ \$	1,106,191 763,850 342,341 85.79% 293,694 38,180 NA	\$ \$ \$ \$	39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 3,374,818 39,21%
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% EE Program Incentive at 13% Program Performance Incentive (PPI)	W/P D.1A NAP B Lines 3 X 4 Lines 5 X 196 Lines 5 X 176 Lines 6 + 7	\$ \$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21% (3,180)	\$ 19,222, 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, \$ 393, \$ (154,	578 \$ 567 011 \$ 58% 043 \$ 135 \$ 135 \$ 121%	Some Advantage	Home Energy Improvement \$ 13,199,438 \$ 6,975,077 85.791 \$ 5,983,915 \$ 777,905 \$ 777,905 39,211 \$ (304,983	Lig 3	31,659,281 6,143,444 25,515,837 85,79% 21,890,037 2,845,705 2,845,705 39,21% (1,115,673)	\$ \$ \$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85,79% 1,784,062 231,928 231,928 39,21% (90,929)	\$: \$: \$: \$: \$: \$: \$: \$: \$: \$:	1,106,191 763,850 342,341 85,79% 293,694 38,180 NA	\$ \$ \$ \$	85,990,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 3,374,818 39,21% (1,323,115)
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 Tax Rate	W/P D.1A W/P B Lines 3 X 4 Lines 5 X 176 Lines 6 + 7 W/P D.1C - (Lines 8 X 0) Lines 9 + 10	\$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21% (3,180)	\$ 19,222, 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, \$ 393, \$ (154,	578 \$ 567 011 \$ 58% 043 \$ 135 \$ 135 \$	Some Advantage	Home Energy Improvement \$ 13,199,438 \$ 6,975,077 85.791 \$ 5,983,915 \$ 777,905 \$ 777,905 39,211 \$ (304,983	Lig 3	31,659,281 6,143,444 25,515,837 85,79% 21,890,037 2,845,705 2,845,705 39,21% (1,115,673)	\$ \$ \$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85,79% 1,784,062 231,928 231,928 39,21%	\$: \$: \$: \$: \$: \$: \$: \$: \$: \$:	1,106,191 763,850 342,341 85.79% 293,694 38,180 NA	\$ \$ \$ \$	39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 3,374,818 39,21%
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 Rate Income Taxes Net-of-Tax PPI - Total NPV	W/P D.1A W/P B Lines 3 X 4 Lines 5 X 176 Lines 6 + 7 W/P D.1C - (Lines 8 X 0) Lines 9 + 10 Lines 11 + 0 0000000 **	\$ \$ \$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21% (3,180) 4,932	\$ 19,222, 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, \$ 393, \$ 239,	578 5 567 511 5 58% 943 5 135 5 135 5 148) 5	1,942,792	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85,791 \$ 5,983,915 \$ 777,905 \$ 777,905 \$ 39,217 \$ (304,983 \$ 472,926	Uig S S S S S S S S S	31,659,281 6,143,444 25,515,837 85,79% 21,890,037 2,845,705 2,845,705 39,21% (1,115,673) 1,730,031	\$ \$ \$ \$ \$ \$ \$ \$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85,79% 1,784,062 231,928 231,928 39,21% (90,929) 140,999	\$: \$ \$ \$ \$ \$ \$ \$	1,106,191 763,850 342,341 85.79% 293,694 38,180 NA NA	\$ \$ \$ \$ \$ \$ \$	Efficiency 39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 3,374,818 39,21% (1,323,115) 2,051,703
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 Rate Income Taxes	W/P D.1A W/P B Lines 3 X 4 Lines 5 X 176 Lines 6 + 7 W/P D.1C - (Lines 8 X 0) Lines 9 + 10	\$ \$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21% (3,180)	\$ 19,222, 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, \$ 393, \$ 239,	578 \$ 567 011 \$ 58% 043 \$ 135 \$ 135 \$ 121%	1,942,792	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85,791 \$ 5,983,915 \$ 777,905 \$ 777,905 \$ 39,217 \$ (304,983 \$ 472,926	Uig S S S S S S S S S	31,659,281 6,143,444 25,515,837 85,79% 21,890,037 2,845,705 2,845,705 39,21% (1,115,673)	\$ \$ \$ \$ \$ \$ \$ \$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85,79% 1,784,062 231,928 231,928 39,21% (90,929)	\$: \$ \$ \$ \$ \$ \$ \$	1,106,191 763,850 342,341 85,79% 293,694 38,180 NA	\$ \$ \$ \$ \$ \$ \$	85,990,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 3,374,818 39,21% (1,323,115)
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 Allocation Factor NC Allocated Utility Cost Test DSM Program Incentive at 8% EE Program Incentive at 13% Program Performance Incentive {PPI} Income Tax Rate Income Taxes Net-of-Tax PPI - Total NPV Vintage Year 2012 - Year 1 PPI	W/P D.1A W/P B Lines 3 X 4 Lines 5 X 176 Lines 6 + 7 W/P D-1C - (Lines 8 L/G) Lines 8 + 19 Lines 11 + 0 0000050 M (1 + 0 0000054) - 10	\$ \$ \$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21% (3,180) 4,932 762	\$ 19,222 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, \$ 393, \$ (154,	578 \$ 567 011 \$ 58% 043 \$ 135 \$ 21% 048) \$ 187 \$	Section Advantage	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85.791 \$ 777,905 777,905 39.211 \$ (304,982 \$ 472,926 \$ 73,061	Lig S S S S S S S S S	shting Program 31,659,281 6,143,444 25,515,637 85,79% 21,890,037 2,845,705 2,845,705 39,21% (1,115,673) 1,730,031	\$ \$ \$ \$ \$ \$ \$ \$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85,79% 1,784,062 231,928 231,928 39,21% (90,929) 140,999 21,783	Bench	1,106,191 763,850 342,341 85,79% 293,694 38,180 98,180 NA NA	\$ \$ \$ \$ \$ \$ \$	Efficiency 39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 3,374,818 39,21% (1,323,115) 2,051,703
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 Rate Income Taxes Net-of-Tax PPI - Total NPV	W/P D.1A W/P B Lines 3 X 4 Lines 5 X 176 Lines 6 + 7 W/P D.1C - (Lines 8 X 0) Lines 9 + 10 Lines 11 + 0 0000000 **	\$ \$ \$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21% (3,180) 4,932	\$ 19,222 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, \$ 393, \$ (154,	578 5 567 511 5 58% 943 5 135 5 135 5 148) 5	1,942,792	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85,791 \$ 5,983,915 \$ 777,905 \$ 777,905 \$ 39,217 \$ (304,983 \$ 472,926	Lig S S S S S S S S S	31,659,281 6,143,444 25,515,837 85,79% 21,890,037 2,845,705 2,845,705 39,21% (1,115,673) 1,730,031	\$ \$ \$ \$ \$ \$ \$ \$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85,79% 1,784,062 231,928 231,928 39,21% (90,929) 140,999	Bench	1,106,191 763,850 342,341 85.79% 293,694 38,180 NA NA	\$ \$ \$ \$ \$ \$ \$	Efficiency 39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 3,374,818 39,21% (1,323,115) 2,051,703
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 Rate Income Taxes Net-of-Tax PPI - Total NPV Vintage Year 2012 - Year 1 PPI Income Tax Gross-Up Factor	W/P D.1A W/P B Lines 3 x 4 Lines 5 x 176 Lines 6 x 7 W/P D.1C - (Lines 8 x 9) Lines 11 x 0 0000004 11 + 0 0000004 11 - 1 00000004 11 + 1 00000004 11 - 1 00000004 11 - 1 000000004 11 - 1 000000004 11 - 1 000000004 11 - 1 000000000000000000000000000000	\$ \$ \$ \$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21% (3,180) 4,932 762 60.79%	\$ 19,222 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, 39 \$ (154, \$ 239, \$ 36,	578 \$ 578 \$ 567 \$ 567 \$ 567 \$ 567 \$ 567 \$ 568 \$	1,942,792	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85,791 \$ 5,983,915 \$ 777,905 \$ 777,905 \$ 472,926 \$ 73,061 60,791	Lig S S S S S S S S S	31,659,281 6,143,444 25,515,837 85,79% 21,890,037 2,845,705 2,845,705 39,21% (1,115,673) 1,730,031 267,269 60,79%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Appliance Recycling 4,117,619 2,039,568 85,79% 1,784,062 231,928 231,928 39,21% (90,929) 140,999 21,783 60,79%	S S S S S S	1,106,191 763,850 342,341 85,79% 293,694 38,180 38,180 NA NA	\$ \$ \$ \$ \$ \$ \$ \$	Efficiency 39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 3,374,818 39,21% (1,323,115) 2,051,703 316,964 60,79%
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 Allocation Factor NC Allocated Utility Cost Test DSM Program Incentive at 8% EE Program Incentive at 13% Program Performance Incentive {PPI} Income Tax Rate Income Taxes Net-of-Tax PPI - Total NPV Vintage Year 2012 - Year 1 PPI	W/P D.1A W/P B Lines 3 X 4 Lines 5 X 176 Lines 6 + 7 W/P D-1C - (Lines 8 L/G) Lines 8 + 19 Lines 11 + 0 0000050 M (1 + 0 0000054) - 10	\$ \$ \$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21% (3,180) 4,932 762	\$ 19,222 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, 39 \$ (154, \$ 239, \$ 36,	578 \$ 567 011 \$ 58% 043 \$ 135 \$ 21% 048) \$ 187 \$	1,942,792	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85,791 \$ 5,983,915 \$ 777,905 \$ 777,905 \$ 472,926 \$ 472,926 \$ 60,791	Lig S S S S S S S S S	31,659,281 6,143,444 25,515,837 85,79% 21,890,037 2,845,705 2,845,705 39,21% (1,115,673) 1,730,031 267,269 60,79%	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85,79% 1,784,062 231,928 231,928 39,21% (90,929) 140,999 21,783	S S S S S S	1,106,191 763,850 342,341 85,79% 293,694 38,180 98,180 NA NA	\$ \$ \$ \$ \$ \$ \$ \$	Efficiency 39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 3,374,818 39,21% (1,323,115) 2,051,703
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 Rate Income Tax PPI - Total NPV Vintage Year 2012 - Year 1 PPI Income Tax Gross-Up Factor Adjusted PPI	W/P D.1A W/P B Lines 3 X 4 Lines 5 X 696 Lines 5 X 1276 Lines 6 + 7 W/P D.1C - (Lines 8 X 9) Lines 9 + 10 Lines 11 + 0 0000000 ** (1 + 0 0000004) ** - 1 1 - Line 9 Line 12 / Line 13	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21% (3,180) 4,932 762 60.79% 1,253	\$ 19,222 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, 39 \$ (154, \$ 239, \$ 36,	578 \$ 5667 5667 5667 5684 5443 \$ 58444 \$ 58444	1,942,792	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85.791 \$ 5,983,915 \$ 777,905 39.211 \$ (304,982 \$ 73,061 60.791 \$ 120,178	Uig S S S S S S S S S	31,659,281 6,143,444 25,515,837 85,79% 21,890,037 2,845,705 2,845,705 39,21% (1,115,673) 1,730,031 267,269 60,79% 439,628	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85.79% 1,784,062 231,928 231,928 39,21% (90,929) 140,999 21,783 60,79% 35,830	\$: \$: \$: \$: \$: \$: \$: \$: \$: \$:	1,106,191 763,850 342,341 85.79% 293,694 38,180 38,180 NA NA NA 38,180 NA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Efficiency 39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 3,374,818 39,21% (1,323,115) 2,051,703 316,964 60,79% 521,369
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 Allocation Factor NC Allocated Utility Cost Test DSM Program Incentive at 8% EE Program Incentive at 13% Program Performance Incentive {PPI} Income Tax Rate Income Taxes Net-of-Tax PPI - Total NPV Vintage Year 2012 - Year 1 PPI Income Tax Gross-Up Factor Adjusted PPI Vintage 2009 PPI Values	W/P D.1A NMP B Lines 3 x 4 Lines 3 x 496 Lines 5 x 176 Lines 8 + 7 W/P D-1C - (Lines 8 x 0) Lines 9 x 10 Lines 1 x 0 0000054 11 + 0 0000050 11 1 - Line 9 Line 12 / Line 13 Line 13 itom 2011 Analysis	\$ \$ \$ \$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 39.21% (3,180) 4,932 762 60.79% 1,253	\$ 19,222 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, 39 \$ (154, \$ 239, \$ 36,	578 \$ 578 \$	Section Advantage	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85.791 \$ 5,983,915 \$ 777,905 \$ 777,905 \$ 472,926 \$ 73,061 60.791 \$ 120,178	Uig S S S S S S S S S	shting Program 31,659,281 6,143,444 25,515,637 85,79% 21,890,037 2,845,705 39,21% (1,115,673) 1,730,031 267,269 60,79% 439,628	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85.79% 1,784,062 231,928 231,928 39,21% (90,929) 140,999 21,783 60,79% 35,830	S S S S S S	1,106,191 763,850 342,341 85.79% 293,694 38,180 38,180 NA NA NA NA 38,180 NA	\$ \$ \$ \$ \$ \$ \$ \$	Efficiency 39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 3,374,818 39,21% (1,323,115) 2,051,703 316,964 60.79% 521,369
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	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 Rate Income Taxes Net-of-Tax PPI - Total NPV Vintage Year 2012 - Year 1 PPI Income Tax Gross-Up Factor Adjusted PPI Vintage 2009 PPI Values Vintage 2010 PPI Values	W/P D.1A W/P B Lines 3 X 4 Lines 5 X 696 Lines 5 X 1276 Lines 6 + 7 W/P D.1C - (Lines 8 X 9) Lines 9 + 10 Lines 11 + 0 0000000 ** (1 + 0 0000004) ** - 1 1 - Line 9 Line 12 / Line 13	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21% (3,180) 4,932 762 60.79% 1,253	\$ 19,222 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, 39 \$ (154, \$ 239, \$ 60 \$ 60.	578 5 567 511 5 558% 1443 5 1335 5 1335 5 1343 5 1343 5 135 5 1441 5 1441 5 1441 5	Section Comparison	Home Energy Improvement \$ 13,199,438 \$ 6,224,361 \$ 6,975,077 \$ 5,983,915 \$ 777,905 \$ 777,905 \$ 472,926 \$ 73,061 \$ 60.79! \$ 120,178 \$	Uig S S S S S S S S S	31,659,281 6,143,444 25,515,837 85,79% 21,890,037 2,845,705 2,845,705 39,21% (1,115,673) 1,730,031 267,269 60,79% 439,628	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85,79% 1,784,062 231,928 231,928 39,21% (90,929) 140,999 21,783 60,79% 35,830	\$: \$: \$: \$: \$: \$: \$: \$: \$: \$:	1,106,191 763,850 342,341 85,79% 293,694 38,180 NA NA NA NA NA NA NA NA NA NA NA NA NA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Efficiency 39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 39,21% (1,323,115) 2,051,703 316,964 60.79% 521,369 169,910 574,833
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17	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 Rate Income Taxes Net-of-Tax PPI - Total NPV Vintage Year 2012 - Year 1 PPI Income Tax Gross-Up Factor Adjusted PPI Vintage 2009 PPI Values Vintage 2010 PPI Values Vintage 2011 PPI Values	W/P D.1A NMP B Lines 3 x 4 Lines 3 x 496 Lines 5 x 176 Lines 8 + 7 W/P D-1C - (Lines 8 x 0) Lines 9 x 10 Lines 1 x 0 0000054 11 + 0 0000050 11 1 - Line 9 Line 12 / Line 13 Line 13 itom 2011 Analysis	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21% (3,180) 4,932 762 60.79% 1,253	\$ 19,222 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, 39 \$ (154, \$ 239, \$ 36, 60 \$ 60 \$ 60	578	Section Section	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85,797 \$ 5,983,915 \$ 777,905 \$ 777,905 \$ 472,926 \$ 73,061 60,799 \$ 120,178 \$ 10,405 84,383 136,794	Ug 3 5 1 7 5 5 5 5 5 5 5 5 5	21,890,037 2,845,705 2,845,705 2,845,705 39,21% (1,115,673) 1,730,031 267,269 439,628	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Appliance Recycling 4,117,619 2,038,616 36,718 4,117,619 2,037,568 85,79% 1,784,062 231,928 231,928 39,21% (90,929) 140,999 21,783 60,79% 35,830	\$ \$ \$ \$ \$ \$ \$ \$ \$	1,106,191 763,850 342,341 85,79% 293,694 38,180 NA NA NA NA NA NA 38,180 NA NA NA 38,180	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Efficiency 39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 39,21% (1,323,115) 2,051,703 316,964 60.79% 521,369 169,910 574,833 536,991
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	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 Rate Income Taxes Net-of-Tax PPI - Total NPV Vintage Year 2012 - Year 1 PPI Income Tax Gross-Up Factor Adjusted PPI Vintage 2009 PPI Values Vintage 2010 PPI Values	W/P D.1A NMP B Lines 3 x 4 Lines 3 x 496 Lines 5 x 176 Lines 8 + 7 W/P D-1C - (Lines 8 x 0) Lines 9 x 10 Lines 1 x 0 0000054 11 + 0 0000050 11 1 - Line 9 Line 12 / Line 13 Line 13 itom 2011 Analysis	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21% (3,180) 4,932 762 60.79% 1,253	\$ 19,222 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, 39 \$ (154, \$ 239, \$ 36, 60 \$ 60 \$ 60	578 5 567 511 5 558% 1443 5 1335 5 1335 5 1343 5 1343 5 135 5 1441 5 1441 5 1441 5	Section Sect	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85,797 \$ 5,983,915 \$ 777,905 \$ 777,905 \$ 472,926 \$ 73,061 60,799 \$ 120,178 \$ 10,405 84,383 136,794	Ug 3 5 1 7 5 5 5 5 5 5 5 5 5	21,890,037 2,845,705 2,845,705 2,845,705 39,21% (1,115,673) 1,730,031 267,269 439,628	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Appliance Recycling 4,117,619 2,038,051 2,079,568 85,79% 1,784,062 231,928 231,928 39,21% (90,929) 140,999 21,783 60,79% 35,830	\$ \$ \$ \$ \$ \$ \$ \$ \$	1,106,191 763,850 342,341 85,79% 293,694 38,180 NA NA NA NA NA NA NA NA NA NA NA NA NA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Efficiency 39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 39,21% (1,323,115) 2,051,703 316,964 60.79% 521,369 169,910 574,833
1 2 3 4 5 5 6 7 8 9 10 11 12 13 14 15 16 17	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 Rate Income Taxes Net-of-Tax PPI - Total NPV Vintage Year 2012 - Year 1 PPI Income Tax Gross-Up Factor Adjusted PPI Vintage 2009 PPI Values Vintage 2010 PPI Values Vintage 2011 PPI Values	W/P D.1A NMP B Lines 3 x 4 Lines 3 x 496 Lines 5 x 176 Lines 8 + 7 W/P D-1C - (Lines 8 x 0) Lines 9 x 10 Lines 1 x 0 0000054 11 + 0 0000050 11 1 - Line 9 Line 12 / Line 13 Line 13 itom 2011 Analysis	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	7,134,050 7,016,940 117,109 86.58% 101,397 8,112 8,112 39.21% (3,180) 4,932 762 60.79% 1,253	\$ 19,222 13,542, \$ 5,680, 86 \$ 4,917, \$ 393, \$ (154, \$ 239, \$ 60 \$ 60, \$ 135, 365, \$ 894,	578	1,942,792	Home Energy Improvement \$ 13,199,438 6,224,361 \$ 6,975,077 85.791 \$ 5,983,915 \$ 777,905 39.215 \$ 472,926 \$ 73,061 60.795 \$ 120,178 \$ 136,794 \$ 231,582	Uig 3 5 5 5 5 5 5 5 5 5	21,890,037 2,845,705 2,845,705 2,845,705 39,21% (1,115,673) 1,730,031 267,269 439,628	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Appliance Recycling 4,117,619 2,038,616 36,718 4,117,619 2,037,568 85,79% 1,784,062 231,928 231,928 39,21% (90,929) 140,999 21,783 60,79% 35,830	Bench S S S S S S S S S	1,106,191 763,850 342,341 85,79% 293,694 38,180 NA NA NA NA NA NA 38,180 NA NA NA 38,180	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Efficiency 39,905,090 9,644,994 30,260,096 85,79% 25,960,137 3,374,818 39,21% (1,323,115) 2,051,703 316,964 60.79% 521,369 169,910 574,833 536,991

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

Progress Energy Carolinas, Inc. 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	

Adiusted	Oct-10 Nov-10 Dec-10 Adjustments 2010 Tota	85,023 59,089 59,374	739,798 475,495 514,858 10,263,431 0-18	96,681 125,470 33,615	559,710 704,433 697,336	662,180 452,001	193,102 120,549 137,693	3,365 1,825 5,068	000 CTF
	Sep-10	111,793	1,272,208	94,075	771,387	552,179	159,335	11,738	1,000
	Aug-10	317,865	1,012,281	111,339	814,135	557,353	113,600	6,052	270 103
/alues	Jul-10	107,713	905,404	104.322	863,812	561,647	62,776	6,261	121 LAL
Actual Values	Jun-10	54,379	791,035	87,604	684,120.	660,748	75,978	8,404	340 026
	May-10	47,084	913,824	137,955	518,415	725,464	104,622	8,592	440.407
	Apr-10	53,455	641,052	87,976	481,717	580,810	36,770	11,572	- EFE 044
	Mar-10	45,289	981,637	73,801	522,743	523,984	13,778	1,150	324 075
	Feb-10	45,055	954,698	61,004	526,020	293,269	8,254	0	500 000
	Jan-10	39,558	744,133	66,730	612,613	89,861	10,398	0	131 407

Adjusted	2011 Totals	4,425,846	_	1,610,520	6,473,411	5,871,61	1,275,400	691,232	8,628,963	15 595
	Adjustments	2,865,435 0-18	7,825,162 0-18							
	Dec-11	76,127	911,751	154:411	478,659	795,710	51,226	3,829	471,795	12.353
	Nov-11	67,216	754,030	214,864	528,145	761,284	108,868	114,013	858,591	3.242
	Oct-11	73,076	1,166,923	30,020	393,356	784,511	91,905	1,996	654,744	0
	Sep-11	133,189	1,172,027	88,480	322,292	714,028	124,062	11,334	993,318	0
	Aug-11	549,600	1,085,889	270,644	604,650	451,542	153,250	3,918	515,507	0
Values	Jul-11	202,331	1,107,795	85,746	353,652	202,109	63,903	118,805	536,338	0
Actual Values	Jun-11	60,461	1,182,369	205,452	597,642	541,350	100,939	296'5	748,282	0
	May-11	76.793	1,110,757	98,021	487,641	223,050	79,407	338,733	400,004	0
	Apr-11	95,903	810,260	. 4.77,628	435,618	346,309	89,750	660'9	1,071,958	0
	Mar-11	97,742	831,581	119,841	630,288	440,320	245,855	3,675	945,062	0
	Feb-11	67,075	911,376	76,502	758,080	476,955	89,902	80,842	1,028,980	0
	Jan-11	60.898	814,282	188.914	883,389	134,445	46,333	1,721	404,382	0

Adjusted	7	p-1# 7,016,940	0-14 13	718,264	6,224,361	6,143,444	2,038,051	763,850	9,644,994	2,485,085	3
	Adjustments	4,992,779	836,586								
	Dec-12	115,335	783,041	26,923	242,201	499,469	135,856	63,015	776,398	353,625	200 444
	Nov-12	117,739	843,245	28,483	349,378	547,056	165,537	63,445	780,103	353,625	FFF 062
	Oct-12	118,907	1,372,522	31,553	390,635	906'065	183,972	63,615	782,283	353,625	177 VC3
	Sep-12	116,314	1,313,106	33,375	571,686	590,748	273,427	63,510	781,532	353,625	C. C30 444
Si	Aug-12	450,598	959,918	45,118	530,563	486,679	179,943	66,209	809,159	353,625	FAN A44
Estimated Values	Jul-12	391,808	937,588	32,178	471,144	481,479	150,243	63,245	778,722	353,625	FF0 441
Es	Jun-12	203,695	1,228,664 1,111,692	34,610	711,727	546,850	140,334	74,515	779,161	353,625	530 441
	May-12	113,737	1,228,664	47.500	322,659	569,112	172,188	74,806	782,042	0	P Charge
	Apr-12	110,136	1,313,840	69,834	311.911	590,983	221,407	74,846	782,993	0	U - 100,000,000
	Mar-12	117,939	- 944,040	93,375	611,506	400,223 574,110	249,078	77,637	811,517	0	• 12.2
	Feb-12	100,419	1,130,136	94,971	1,382,463		1,11,319	74,895	783,135	0	
Actual	Jan-12	67,535	768,289	180,344	328,489	265,829	54,747	4,112	997,949	9,710	S SAE

Progress Energy Carolinas, Inc.

Calculation of Program Performance Incentives (Adjustments)

											EnergyWise ²		
Year		/intage 2010	Vi	ntage 2011	٧	intage 2012		V	intage 2010	١	/intage 2011		Vintage 2012
2011	\$	536,359					3	\$	949,121	\$	-	\$	-
2012		366,471		293,251					949,121		889,271		-
2013		366,471		293,251		518,295			949,121		889,271		318,124
2014		366,471		293,251		518,295			949,121		889,271		318,124
2015		366,471		293,251		518,295			949,121		889,271		318,124
2016		366,471		293,251		518,295			949,121		889,271		318,124
2017		366,471		293,251		518,295			949,121		889,271	•	318,124
2018		366,471		293,251		518,295			949,121		889,271		318,124
2019		366,471		293,251		518,295			949,121		889,271		318,124
2020		366,471		293,251		518,295			949,121		889,271		318,124
2021		366,471		293,251		518,295			949,121		889,271		318,124
2022		366,471		293,251		518,295			949,121		889,271		318,124
2023	•	366,471		293,251	•	518,295			949,121		889,271		318,124
2024		366,471		293,251		518,295			949,121		889,271		318,124
2025		366,471	,	293,251		518,295			949,121		889,271		318,124
2026		366,471		293,251		518,295			949,121		889,271		318,124
2027		366,471		293,251		518,295			949,121		889,271		318,124
2028		366,471		293,251		518,295			949,121		889,271		318,124
2029		366,471		293,251		518,295			949,121		889,271		318,124
2030		366,471		293,251		518,295			949,121		889,271		318,124
2031		366,471		293,251		518,295			949,121		889,271		318,124
2032		366,471		293,251		518,295			949,121		889,271		318,124
2033		366,471		293,251		518,295			949,121		889,271		318,124
2034		366,471		293,251		518,295			949,121		889,271		318,124
2035		366,471		293,251		518,295			949,121		889,271		318,124
2036		366,471		293,251		518,295			949,121		889,271		318,124
2037		366,471		293,251		518,295			949,121		889,271		318,124
2038		366,471		293,251		518,295			949,121		889,271		318,124
2039		366,471		293,251		518,295			949,121		889,271		318,124_
Nominal Values	\$	10,797,547	\$	8,211,014	\$	13,993,957		\$	27,524,516	\$	24,899,595	\$	8,589,341
Net Present Value	\$	4,235,144	\$	3,231,906	\$	5,652,500	4	\$	10,561,290	\$	9,072,142	\$	2,972,837
Less: V-2009 Incentives	\$	-	\$	-				\$	297,859	\$	297,859	\$	297,859 ⁵
Less: V-2010 Incentives		-		366,471		366,471	5		-		949,121		949,121 5
Less: V-2011 Incentives				-		293,251							889,271
Total Adjustments	\$	-	\$	366,471	\$	659,722		\$	297,859	\$	1,246,980	\$	2,136,252
Adjusted NPV	\$	4,235,144	\$	2,865,435	\$	4,992,779		\$	10,263,431	\$	7,825,162	\$	836,586

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 prior period participant Incentives (w/M&V Adder) associated with 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% (c)
4	Total	100.00%		10.4469%	8.8054%	14.4839%
5					<i>/</i> '	
6	After Tax Cost					
7	Wgt'd Debt Con	•		_ /	4.1867%	
8		Income Tax Rate		1	39.2055% (d)	
9	Federal Income	Tax Amount	To	W/P	1.6414%	
10			\	D-1		
11	After Tax Debt (Cost Component			2.5453 % (a)	
12						
13	Incremental Ta		•			
14	Pretax Debt Co				4.1867%	
15	After-Tax Debt		•		2.5453%	
16		nt of Pretax Amt		•	60.7945%	
17	Effective Increm	nental Tax Rate				
18	(1 - After Tax Perc	ent of Pretax)			39.2055% (d)	
19						
20	Pre Tax Cost o				•	
21	Wgt'd Common	Equity Compone	nt .			5.6100%
22	Wgt'd Preferred	Component			0.6501%	
23	Total Equity					5.6100%
24		nt of Pretax Amt			60.7945%	60.7945%
25	Pre Tax Cost of	Equity				•
26	(Pre Tax Cost of E	quity / After Tax Perc	ent of Pretax Ami	!)	1.0694% (b)	9.2278% (c)
27						
28			•			
29	Composite Inc	ome Tax Rate				
30						
31	Jurisdiction					
32	Federal Tax Rate					32.7355%
33	North Carolina					5.8400%
34	South Carolina				•	0.6300%
35	PEC Composite I	ncome Tax Rate				39.2055% (d)
					1	·····

WP D-1D Page 1 of 8

PEC CIG Demand Response - Vintage Year-2011

	BENEFITS				
	(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)	
2010	0	0	0	0	
2011	38	0	488	526	
2012	41	0	498	539	
2013	47	0	508	555	
2014	· 52	0	518	570	
2015	-16	0	528	512	
2016	-23	0	539	516	
2017	-25	0	550	525	
2018	-17	0	561	544	
2019	-20	0	572	552	
2020	-12	0	583	572	
2021	-11	0	595	584	
2022	-11	0	607	596	
2023	-15	0	619	604	
2024	-14	0	631	617	
2025	-10	0	644	634	
2026	4	0	657	661	
2027	-6	0	670	664	
2028	·-9	0	683	674	
2029	5	0	697	702	
2030	-1	0	711	710	
2031	-1	0	725	725	
2032	-3	0	740	737	
2033	-2	0	755	752	
2034	1	0	770	771	
2035	. -5	0	785	780	
2036	-4	0	801	797 .	
2037	0	0	817	816	
2038	-1	0	833	832	
2039	-2	0	850	- 848	
NOMINAL	-21	0	18,934	18,913	
NPV	58	0	7,091	7,149	
Present Value:	·	i=8.03%		7,148,840	

WP D-1D Page 2 of 8

PEC Residential EnergyWiseSM - Vintage Year-2011

	BENEFITS				
	(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)	
2010	0	0	0	0	
2011	279	0	3,667	3,946	
2012	306	0	3,740	4,046	
2013	367	0	3,815	4,183	
2014	399	0 .	3,891	4,290	
2015	-98	0	3,969	3,871 .	
2016	-138	0	4,049	3,911	
2017	-160	0	4,129	3,970	
2018	-93	0	4,212	4,119	
2019	-122	0	4,296	4,175	
2020	-56 ·	0 .	4,382	4,326	
2021	-50	0	4,470	4,420	
2022	-49	0	4,559	4,510	
2023	82	0	4,650	4,568	
2024	-73	0	4,743	4,670	
2025	-61	0	4,838	4,777	
2026	40	0	4,935	4,975	
2027	-25	0	5,034	5,009	
2028	-37	0	5,134	5,097	
2029	70	0	5,237	5,307	
2030	21	0	5,342	5,363	
2031	34	0	5,449	5,483	
2032	23	0	5,558	5,580	
2033	26	. 0	5,669	5,695	
2034	• 39	0	5,782	5,821	
2035	23	0	5,898	5,921	
2036	8	0	6,016	6,024	
2037	36	0	6,136	6,172	
2038	39	0	6,259	6,298	
2039	33	0	6,384	6,417	
NOMINAL	699	0	142,245	142,945	
NPV	714	0	53,273	53,987	
Present Value:	•	i=8.03%		53,987,145	

WP D-1D
Page 3 of 8
PEC Residential Home Advantage - Vintage Year-2011

	BENEFITS				
	(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)	
2010	0	0	0	0	
2011	183	83	89	. 355	
2012	200	85	91	376	
2013	208	88	93	388	
2014	296	89	94	480	
2015	302	91	96	490	
2016	317	93	98	509	
2017	333	95	100	528	
2018	354	97	102	553	
2019	373	99	104	576	
2020	395	101	106	602	
2021	411	103	109	622	
2022	427	105	111	642	
2023	443	107	113	663	
2024	467	109	115	691	
2025	492	111	117	720	
2026	513	113	120	746	
2027	527	116	122	765	
2028	559	118	125	802	
2029	584	120	127	832	
2030	605	123	130	857	
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	Ο,	0	
2038	0	0	0	0	
2039	0	0	0	0	
NOMINAL	7,989	2,046	2,163	12,197	
NPV	3,667	1,029	1,089	5,785	
Present Value:		i=8.03%		5,785,423	

WP D-1D
Page 4 of 8
PEC Residential Home Energy Improvement - Vintage Year-2011

	BENEFITS '			
	(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)
2010	0	0	0	0
2011	351	390	417	1,158
2012	371	382	406	1,159
2013	388	392	414	1,194
2014	535	400	422	1,358
2015	511	408	431	1,350
2016	534	416	439	1,390
2017	561	424	448	1,434
2018	604	433	457	1,494
2019	637	442	466	1,545
2020	679	450	476	1,605
2021	681	443	468	1,592
2022	711	452	477	1,641
2023	734	461	487	1,682
2024	772	470	497	1,739
2025	818	480	507	1,805
2026	561	292	309	1,162
2027	571	298	315	1,184
2028	605	304	321	1,231
2029	401	183	193	777
2030	411	186	197	794
2031	0	0	0	0
2032	0	0	0	0
2033	0	0	O	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	11,437	7,707	8,148	27,293
NPV	5,745	4,225	4,470	14,441
Present Value:		i=8.03%		14,440,732

WP D-1D Page 5 of 8

PEC Residential Lighting - Vintage Year-2011

	BENEFITS			
	. (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)
2010	0	0	0	0
2011	3,341	473	506	4,320
2012	3,657	486	516	4,659
2013	3,768	498	526	4,793
2014	5,441	508	· 537	6,487
2015	5,746	519	548	6,813
2016	6,026	529	559	7,113
2017	6,310	540	570	7,420
2018	0	0	0	0
2019	0	0	0	0
2020	0	0	0	0
2021	0	0	0	0
2022	0	0	0	0
2023	0	0	0	0
2024	0	0	0	0
2025	0	0	0	0
2026	0	0 ·	0	0
2027	0	0	0	. 0
2028	0	0	0	0
2029	0	0	0	0
2030	0 .	0	0	0
2031	0	0	0	0
2032	0	0	0	0
2033	0	0	0	0
2034	0	0	0	. 0
2035	0	0	0	0
2036	0	0	0	0
2037	0	0	0	. 0
2038	0	0	0	0
2039	0	0	0	0
NOMINAL	34,290	3,552	3,762	41,604
NPV	26,555	2,833	3,001	32,389
Present Value:		i=8.03%		32,388,998

WP D-1D Page 6 of 8

PEC Residential Appliance Recycling - Vintage Year-2011

•	BENEFITS			
	(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)
2010	0	0	0	0
2011	242	42	45	328
2012	264	43	45	352
2013	273	44	46	363
2014	394	45	47	486
2015	414	46	48	508
2016	433	47	49	529
2017	454	48	50	552
2018	481	48	51	581
2019	506	49	52	608
2020	532	50	53	636
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	О .
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	o `	0	0	0
2039	0	0	0	0
NOMINAL	3,994	461	488	4,943
NPV	2,736	329	349	3,414
Present Value:		i=8.03%	•	3,413,993

990,824

WP D-1D Page 7 of 8

PEC Residential Benchmarking - Vintage Year-2011

		BEN	EFITS	
	(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)
2010	0 .	0	0	0
2011	642	168	180	991
2012	0	0	0	0
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	O O	0
2033	0	0	0	0
2034	0	0	0	0
2035	0	0	0	0
2036	0	0	0	0
2037	Ó	0	0	0
2038	0	0	0	0
2039	0 .	0	0	0
NOMINAL	642	168	180	991
NPV	642	168	180	991

i=8.03%

Present Value:

WP D-1D
Page 8 of 8
PEC CIG Energy Efficiency Business - Vintage Year-2011

,							
			EFITS				
	(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)			
2010	0	0	0	0			
2011	2,018	801	857	3,676			
2012	2,223	822	874	3,919			
2013	2,302	844	891	4,037			
2014	3,285	861	909	5,055			
2015	3,370	878	927	5,175			
2016	3,519	896	946	5,360			
2017	3,683	913	965	5,561			
2018	3,914	932	984	5,830			
2019	4,109	950	1,004	6,063			
2020	4,324	969	1,024	6,317			
2021	763	249	264	1,276			
2022	788	254 `	269	1,311			
2023	820	260	274	1,353			
2024	784	258	272	1,314			
2025	817	263	278	1,358			
2026	719	257 ·	271	1,246			
2027	748	262	276	1,286			
2028	795	267	282	1,344			
2029	826	272	288	1,386			
2030	155	34	36	225			
2031	158	35	37	229			
2032	165	35	37	238			
2033	173	36	38	247			
2034	178	37	39	253			
2035	186	38	40	263			
2036	0	0	0	0			
2037	0	0	0	0			
2038	0	0	0	0			
2039	0	0	0	0			
		<u>.</u>					
NOMINAL	40,820	11,422	12,082	64,324			
NPV	25,122	7,182	7,602	39,905			
Present Value:		i=8.03%		39,905,090			

WP D-1E Page 1 of 8

PEC CIG Demand Response - Vintage Year-2012

		BEN	EFITS	
	(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)
2010	0	0	0	0
2011	0	0	0	0
2012	41	0	496	537
2013	47	0	506	554
2014	5 2 .	0	516	568
2015	-17	0 ·	527	510
2016	-23	0	537	514
2017	-25	0	548	523
2018	-17	0	559	542
201 9	-21	0	570	550
2020	-11	0	582	571
2021	-11	0	593	582
2022	-11	0	. 605	594
2023	-15	0	617	602
2024	-14	0 ·	· 630	616
2025	-11	0	642	631
2026	. 4	0	655	659
2027	-6	0	668	662
2028	-9	0	681	672
2029	5	O	695	700
2030	0	0	709	709
2031	0	0	723	723 ·
2032	-2	0	738	736
2033	-2	0	752	750
2034	0 .	0	767	767
2035	-6	0	783	777
2036	-5	0	798	794
2037	-1	0	814	814
2038	0	0	831	830
2039	-2	0	847	845
NOMINAL	-61	0	18,393	18,333
NPV	21	0	7,113	7,134
Present Value:		i=8.03%		7,134,050

WP D-1E
Page 2 of 8

PEC Residential EnergyWiseSM - Vintage Year-2012

		BENI	EFITS	
	(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)
2010	0	0	0	0
2011	0	0	0	0 .
2012	112	0	1,325	1,437
2013	130	0	1,351	1,481
2014	141	0	. 1,378	1,519
2015	-28	0	1,406	1,378
2016	-42	0	1,434	1,392
2017	-47	0	1,462	1,416
. 2018	-25	0	1,492	1,467
2019	-34	0	1,522	1,488
2020	-14	0	1,552	1,538
2021	-11	0	1,583	1,572
2022	-11	0	1,615	1,604
2023	-22	0	1,647	1,625
2024	-19	0	1,680	1,661
2025	-13	0	1,714	1,701
2026	23	0	1,748	1,771
2027	1	0	1,783	1,784
2028	-4	0	1,818	1,815
2029	32	0	1,855	1,887
2030	17	0	1,892	1,908
2031	23	0	1,930	1,953
2032	17	0	1,968 .	1,985
2033	17	0	2,008	2,025
2034	22	0	2,048	2,070
2035	16	0	2,089	2,105
2036	15	0	2,131	2,146
2037	24	0	2,173	2,197
2038	24	0	2,217	2,240
2039	22	0	2,261	2,283
				,
NOMINAL	366	0	49,078	49,444
NPV	244	0	18,979	19,223
Present Value:	i	=8.03%		19,222,678

WP D-1E
Page 3 of 8
PEC Residential Home Advantage - Vintage Year-2012

	BENEFITS				
	(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)	
2010	0	0	0	0	
2011	0	0	0	0	
2012	63	27	29	120	
2013	66	28	30	124	
2014	95	29	30	154	
2015	97	29	31	157	
2016	101	30	32	163	
2017	106	30	32	169	
2018	114	31	33	178	
2019	119	- 32	34	184	
2020	125	32	34	191	
2021	131	33	35	199	
2022	136	34	36	205	
2023	142	34	36 ·	212	
2024	149	35	37	221	
2025	157	36	38	231	
2026	165	36	38	240	
2027	169	37	39 .	. 245	
2028	181	38	40	259	
2029	187	· 39	41	266	
2030	194	40	42	275 ,	
2031	198	41	42	281	
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	2,695	670	709	4,074	
NPV	1,249	337	357	1,943	
Present Value:		i=8.03%		1,942,792	

WP D-1E
Page 4 of 8
PEC Residential Home Energy Improvement - Vintage Year-2012

,		BEN	EFITS		
	(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)	
2010	0	0	0	0	
2011	O	0	0	0	
2012	358	340	362	1,061	
2013	374	349	369	1,093	
2014	· 518	356	377	1,251	
2015	499	364	384	1,247	
2016	521	371	392	1,283	
2017	549	378	400	1,327	
2018	589	386	408	1,383	
2019	621	394	416	1,430	
2020	661	401	424	1,487	
2021	680	404	426	1,510	
2022	662	385	407	1,454	
2023	685	393	415	1,493	
2024	721	401	423	1,544	
2025	761	409	432	1,602	
2026	798	417	440	1,655	
2027	369	196	207	771	
2028	390	199	211	800	
2029	410	203	215	828	
2030 -	223	. 90	95	407	
2031	227	92	97	416	
2032	0	0	O	0	
2033	0	0	0	0	
2034	0	0	O	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	10,618	6,527	6,897	24,043	
NPV	5,610	3,690	3,900	13,199	
Present Value:		i=8.03%		13,199,438	

WP D-1E Page 5 of 8

PEC Residential Lighting - Vintage Year-2012

	BENEFITS			
	(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)
2010	0	0	0	0
2011	0	0	0	0
2012	3,284	436	464	4,183
2013	3,383	448	473	4,304
2014	4,887	456	482	5,825
2015	5,161	466	492	6,118
2016	5,411	475	502	6,388
2017	5,667	484	512	6,663
2018	6,024	494	522	7,041
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	Ó
2036	0	0	0	0
2037	0	0	0	0
2038	0	0	0	0
2039	0	0	0	0
NOMINAL	33,817	3,259	3,446	40,522
NPV	26,311	2,600	2,749	31,659
Present Value:		i=8.03%	•	31,659,281

WP D-1E
Page 6 of 8
PEC Residential Appliance Recycling - Vintage Year-2012

	BENEFITS			
•	(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)
2010	0	0	0	0
2011	0	0	0	0
2012	297	48	51	396
2013	307	49	52	408
2014	444	50	53	547
2015	465	51	54	571
2016	487	52	55	595
2017	509	53	56	619
2018	542	54	58	654
2019	569	56	59	683
2020	598	57	60	715
2021	624	58	61	742
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
				<u> </u>
NOMINAL	4,841	529	560	5,930
NPV	3,339	378	400	4,118
Present Value:		i=8.03%		4,117,619

WP D-1E Page 7 of 8

PEC Residentia	l Benchmarking	- Vintage Year-2012
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		BEN	EFITS	
	(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)
2010	0	0	0	0
2011	0	0	0	0
2012	734	180	192	1,106
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	Ó
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	٠ ٥
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	734	180	192	1,106
NPV	734	180	192	1,106
Present Value:	•	i=8.03%		1,106,191

WP D-1E
Page 8 of 8
PEC CIG Energy Efficiency Business - Vintage Year-2012

	BENEFITS				
	(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)	
2010	0	0	0	0	
2011	0	0	0	0	
2012	1,689	625	664	2,978	
2013	1,748	641	678	3,067	
2014	2,497	654	691	3,843	
2015	2,559	667	705	3,931	
2016	2,672	681	719	4,072	
2017	2,797	694	734	4,225	
2018	2,974	708	748	4,430	
2019	3,121	722	763	4,606	
2020	3,288	737	778	4,803	
2021	3,418	752	794	4,963	
2022	972	266	281	1,519	
2023	1,005	271	287	1,563	
2024	1,058	277	292	1,627	
2025	1,068	279	294	1,641	
2026	1,118	284	300	1,703	
2027	1,156	290	306	1,752	
2028	1,231	296	312	1,839	
2029	1,286	302	319	1,907	
2030	1,332	308	325	1,965	
2031	1,271	278	293	1,843	
2032	1,328	283	299	1,911	
2033	1,383	289	305	. 1,978	
2034	1,439	295	311	2,046	
2035	1,497	301	318	-2,116	
2036	1,575 .	307	324	2,206	
2037	. 0	0	0	0	
2038	0	0	0	0	
2039	0	0	0	0	
NOMINAL	45,481	11,207	11,843	68,532	
NPV .	23,584	6,135	6,485	36,204	
Present Value:		i=8.03%		36,204,139	

Net Lost Revenue Summary

·		Test !	Period	Prospecti	ive Period	Rate I	Period
	Source	MWH	Net Lost Rev	MWH	Net Lost Rev	MWH	Net Lost Rev
Residential Programs					_		
Home Advantage	W/P D-2a	4,620.34	\$ 260,488.42	2,313.78	\$ 130,361.32	5,839.84	328,751.16
Home Energy Improvement	W/P D-2b	10,933.18	616,398.48	4,376.47	246,575.47	13,647.76	627,545.92
Residential Lighting	W/P D-2c	109,970.33	6,199,981.81	51,144.00	2,881,514.00	176,209.44	8,755,077.35
Neghborhood Energy Saver	W/P D-2d	7,309.27	412,087.08	3,237.86	182,424.75	11,311.90	543,683.18
Residential Appliance Recycling	W/P D-2e	7,692.70	433,704.47	3,566.85	200,960.64	15,010.21	713,409.31
Residential Benchmarking Program	W/P D-2f	8,828.81	497,756.66	2,939.04	165,588.91	-	-
EnergyWise	W/P DR	178.71	10,081.35	-			
Residential Total		149,533.34	\$ 8,430,498.27	67,578.00	\$ 3,807,425.10	222,019.14	10,968,466.93
Commercial, Industrial and Governmental							
Energy Efficiency For Business	W/P D-2g	70,078.55	\$ 3,175,540.49	29,974.21	\$ 1,357,128.25	105,232.62	3,865,166.68
CIG Demand Response Program	W/P DR	82.38	3,733.09	-		<u>:</u>	
Commercial, Ind and Govt Total		70,160.93	\$ 3,179,273.58	29,974.21	\$ 1,357,128.25	105,232.62	3,865,166.68
Total Recoverable Net Lost Revenues and	MWHs	219,694.28	\$ 11,609,771.85	97,552.21	\$ 5,164,553.35	327,251.76	14,833,633.61

		Vintage -		y Programa (i Vintage	e-2010		p - 2011	Vintage	- 2012	Vintage - 2013			Virtage -	2008 (Herth C	Carolinaj	Viringe -	2010 (HerSt C	Caroline)	Vintage -	2011 (North	Careline	Vintage -	3012 (Hertik (Carolina)	Vinta	go - 2913 (Hort	h Carolina)	IAIVe	ngas (Hert) C	andra)
		nde man b	-		Recoverable		Resourcide	Vintage WWH	Recoverable	VANDA MINI ROSSIES	t#	Allocation			Over#Under)	•	Recovered	Over#Under)		Recovered	Over(Under)	Recoverable	Recovered	Over (Under)	Recoverat	an Recovered	d Over/(Under)	Recoverable	Recovered	Over į U
			Losses	Additions	Losses	Additions	Lorres	Autor		Additions Lorent	<u> </u>	Fector (NC)	Later	Losses	I Recovery	Lognac		I Recovery		Lours	2 Recovery	Lower	(come	[Renovery	Lesse.	(cense)	Σ Pacovery	(compa	Louise	I Reco
	23.32	29.3	5.20				-		÷	-: :	-	\$4.21% 54.21%	2.53 4.47	-	(7.00a) (7.20a)	-	:	:	:		:	:	:	:	:			2.83 4.47		
	41.43	41,4	8.73		—÷	<u>-</u> -	-		-	 -	- _	84 81%	7,40		(14,70)			•			-			-		-	-	7.0		- 1
	41.96	44.0	12.35									\$4.81%	10.51		(25.21)			-					-				-	1051	-	- (
	3£17	30.2	15.57	•	-				\equiv		_ *	85.00%	13.24	-	(39.44)	•			-	•			•	•			-	13.24		4
	60.91	60.9	2065	-	-					<u> </u>	-1:1	85.00%	17.56		(56.02)	•	•	•	-	-	•	•	-	•		-	• •	17.56		(
	31.74	31,7	23.25 26.84	:	 -			-	<u> </u>	 :	-1:1-	85.00% 85.00%	19.61	(71.87	73.21		<u>-</u>		<u>-</u> -	- -					<u>-</u>			(5 A)	171,87	
	42.54 61.09	61,1	31,93						<u> </u>	 :	-[4]	85.00% 85.00%	27,16	-	46.05		•	•	-	•		:	•	•	:		•	27.16		
	21.05	21.0	33,58		<u>:</u>		÷	_ <u>:</u>	-		-[1]	85.00%	28,65	:	17,40		·			· ·			-		٠ :	:		26.65		
	120,72	120.7	43.74		—÷		÷	· :		:- -:		65.09%	37.21		(19.00)	_					-		-					37.21		
	17,50	77,5	50.20		-		-	-			- 2	65.00%	42.70		(62,50)	-	-		-	-				-		-	-	42.70		- 1
	82 .16	-	50.20	122							-11	65,05%	42.70		(105.22)	5.52	-	(5.82)		•							-	44.52		(1
	GE_37		50.70	68.4							_11	85,08%	42,70		(147,90)	10.57		(16.43)	-	-	-		-	-		•	-	53.37		(I
_	21,41	-	50.20	71 €					<u> </u>		—I. I—	65.00%	42,70	214.47	(18.83)	22.32	30.61	(1.62)			<u>-</u>		•			•	<u>-</u>	544	245,08	
	90.00	-	50.20 50.20	313.3			<u> </u>	.	÷		—ı. ı	65,09% 65,41%	42,70 42,88		(10.03) (61,71)	44.72		(27.0%) (38.60)	- :				-				•	47,50		(i
- I			50.20	144.3			<u>:</u>		-	-:	— is	65.41%	42.68	:	(104,54)	54.39		(1,23,64)					· ·		į.		-	97.66		
- Z	247.85	-	50,20	247.8	65.04	-	•	-			- 1.01	85.41%	42.66	151,30	13,64	72,63	176.60	(19.59)									-	115.50	137,98	,
	145,19		50.20	145.2	97,13				<u>-</u> -			65,41%	42,68		(28.04)	8296		(102.55)										125,84		(
+ 1	191,71		50.20	101.7	113,11			-	-			85,41%	42,88	-	(71,91)	96.61	-	(199.16)	-					-			-	139,48	-	6
- 7			5020	237.2	132.67			-		<u> </u>	_ 6	55,41%	42.88	-	(114,75)	113.49	•	(312,66)	-	•	-		•				-	158.36		(4
	201,66	-	50.20	201.7	149,68						— Iặ	25.41%	42.55	-	(157.00)	127,64	-	(440.45)	-	•	•	•	-	-	•	•	-	170.72	•	(
	60.52	<u> </u>	50.20	89. 5	157.14				<u>:</u> -		2	E-41%	42.66	•	(200.54) (743.41)	134 <i>2</i> 1 134 <i>2</i> 1	-	(574.71) (704.92)	47,50	•	47.50	•	-	•			-	177.08	•	
	673.26 120,89	 -	50 20 50 20	<u> </u>	157,14			-	÷	-: -:	-	85,41% 85,41%	42,55	-	(265.29)	134.21	•	(843,13)	77,50 73,76	•	(11 8.66)		•	-	•	•	•	225.91 247.65	-	(I.
- 1 - 2		-	50 20		157,14					-: :	-	基4 15	42.88	413,77	\$4 \$1	131.21	1,139,65	162,30	91,13	209,81					:	:		201.22	1,763.23	C1
	180.56		50.20	-	157,14				- -		- [:] ·	85,41%	42,85		41.73	134.25		28.09	104.41		(194.41)				· —		-	201.40		
	500.36		50.20		157.14			-			-1:1	85.80%	42.94		(1.30)	134.40		(105.32)	140.22		(244.62)		-					317.55	-	
A .	Z21,53		50.20		157,14						_[:	BS.53%	. 4294	-	(44,14)	134,40		(240.72)	156,00		(400,63)		-				•	327.74		
	147.06		50.20	-	157,14						_111_	65.53%	4294	187.44	100,37	134.40	\$15.37	240,25	159 49	567,11		-				<u>:</u>	<u>-</u>	*3.E2	1,369,92	
	751.27		50.20		157.14			•		:	131	86.53%	42,94	•	57.43	134.40	•	105.85	ZZ0.08	•	(220.03)	•	•	-			-	397.37	-	
	366.21	<u> </u>	50 20	 -	157,14					-: :	—J≐l	85.53%	42.94 42.94	•	14 40 (20,44)	134.40 134.40	•	(28,55) (182,90)	246.13 290,86	•	(466.17)	•	•				-	421.47	-	
- 6	201.76	-	50.20		157,14				-		-igi	65.53% 87.63%	42.94		71.30	134.40		(297,39)	241,96	-	(724.62) (964.78)		-				-	438.00 419,30	•	(I
	359 30		50.26		157.14				÷	:	-13	644	4294		(114.31)	134.40		(431.76)	257.57		11.236.363		-				-	44.91		ľ
			4.07		157,14		312.84	502.0	41,84		4	65,63%	40,09		(151 40)	131,45	٠.	(506.17)	267.57		(1,503.93)	35.70		(35,78)			-	477,84	-	Ċ
	857.21		4492		157.14		312.64	867.2	114 10	 -	-1:1	65.53%	36,42		(192,82)	134.40		(700.57)	267.57		(1,771,50)	97,50		(133,35)			-	537.50	_	12
	163.63		41.47		157,14		312.64	183.5	12941			65.53%	36.47	ZAL29	<u> </u>	134,40	ES4.97		267.57	2,038,07		110,68	149,08	(96,98)			-	546.13	1,250.41	
H	96 97	-	37.81		157,14		312.84	99,0	137.66			65.53%	12.34		(32,34)	134,40		(134,40)	267.57	-	(267.57)	117.74	-	(213.71)		-		562.05	•	
	65.96		N @		157.14		312.64	86,0	143,15	<u></u>	_[]	BS. 92%	29,75		(62.09)	135.01		(209.42)	250.79	-	(536.36)	123.00	-	(336.71)			-	564.56	-	(1.
	拉頭	<u> </u>	29,55	<u> </u>	157,11		312,84	33.0	145.90			85,92% 85,82%	25,369 23.12	110.6D	(87,48)	135.01 135.01	538.45	(404.43)	298.79 298.79	1,073.94	(005, 15)	125,36 127,72	539.79	(462,07)	•	•	•	554.56		(1,
	12.90 12.90	•	25.91	•	157,14 157,14		312.84 312.84	22.0	151.42		_8	E 924		119.65	<u>-</u> -	133.01				1,073.55					· :		- -		2,313.78	
	2.0		10.27		157,14		31284	330	154.15		_	E. 974			:	:		:	:	- :	-		-		:	:		•		
	2.3		16.52		157,14		312.64	26.4	156.36		_	85.92%	_																-	
	19.79		6.46		157,14		312.84	19.8	15L00	<u> </u>	-	66,92%	-						-	•							-			
	19,73		-		157,14		312,84	12,3	139.65		_ 5	E-824	-	-	-	135,01	•	:	258,79	-	-	137,17	-	-	-		-	\$40,98		
_					150.29		312.84		139.66		_ F.	85.92%	-			123.13		•	261.79	-	-	137.17	-	•			-	536.00		
	•	:_		•	144,60		312.84	<u> </u>	159.66		— I.	. 85,97%	•	•	-	124.24		-	260.79	-	•	137,17	•	-	•	•	•	530,20	•	
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-			-		72,11				159.66	 -	— š	86,97%				61.95			260,79		-	132,17				-		467.94		
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					44,03		312.84		159.65		_	E-57%	-	-	-	37.83	-		201.79	-	-	137.17	-		•	-		41,75		
-	•		· ·	•	24.27		312.04	-	159.65	<u> </u>		65.67%	-	•	•	26	-		252.79	•	*	137,17	•	-	•	•		425.81	*	
-	·	-	-	-	7.46	<u> </u>	312.04	•	159.65		_ ⊑	92.80%	•	-	-	6.41	•	•	298.79	•	•	137,17	•	•	-	-	•	412.37	-	
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Home Advantage

					Virtag	e 2009 Rang	warnes	Virtuge	2010 Reco	METERS.	Virtage	2011 Reco	MANAL .		2012 Rec			gs 2012 Rac	77 8 10		red Net Lost I	Page 2 c
		Start Date	End Deb	Source Decuments for Reservered Lost Willie	MAH.	Rate	Recovery	MAH	Rete	Recovery	MMI	Rate	Recovery	MMH	Rate	Recovery	*MMH	Rada	Recovery		<u>Rain</u>	Recovery
Sub 631	Test Percel	Sep-07 1	Mer-OB	E-2, Sub 931 Compliance Exhibit 2 (Pages 1 & 2)	. 1			. 1			. 1				5		•	, ,		- 1		
	Progradus Period	Apr-06 1	3406	E-2, Sup 901 Complance Eintel 2 (Finger 1 & 7)	-		-	-		-			•						-	-		-
	Less Pros Prospective I	Api-07 s	3447	Period Not Applicable to Analysis	-		-			-									-			-
	Net Recovenes						· ·				-		•									-
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Eub 951	Test Period	Apr-05 to	Mer-09	E-2, Sub 951 Workpaper D-2	. 1			. 1		-	. 1			_	, ,							
	Prospective Period	Apr-09 t	0 M-09	E-2, Sub 961 Worlepaper D-2	171,87	57,12	9,818,06			-			-		-				-	171,87	57,12	9,810.06
	Less Pror Prospective I	. Apr-08 i	M-08	E-2, Sub 931 Complance Exhibit 2 (Pages 1 & 2)	·	-	-			-	•							-	-			-
	Het Recovenee				171,87		9,818,05	•	•	-	•		-			•	•		-	171,87		9,810.06
\$140 \$77	Test Period	Acr-CO I	e Name-10	5-2, Sub 977 Workpaper (b-3	38634 1	. 570a	22 052 50	20,61 \$	57.00	1747.4					. .				_	4(6.25	1 570 1	23.800.40
	Prospective Percel	Agr-10 I		E-2, Sub 977 Workpaper D-3	161.30	57.05	9.201.84	175,60	57.05	10,079.46			_		-			•		337.50	57.06	19,281,30
	Less Pror Prospective I			62 Sub 961 Workers D.2	171.67	57.12	9,818,06				-				_			-		121.67	57,12	9.818.08
	Nel Recoveries				375.77		21,435.70	207.30		11,628.94	-		•	-			-		•	5A3.07		37,252.64
Virtage An	Hounts Peru Sub \$77				547,63		31,254,76	207,30		11,626.94	•	-								754.93		43,081,70
Barb 1802	Tagi Pered	Apr-10 1		Burn of Values (Apr. 10 thru Mar-11)	575.07	56.M5	32,683,73	1,316.33 6	55.65	74,835.25	239.01 5	56.85	11,927,75		s 55.85			\$ 56.06		2,101.21	\$ 55,66	119,456,74
	Prospective Percel	Apr-11 1	D 4411 .	Burn of Values (April 1 Bro Aut-11)	10.44	56.34	10,550,62	615.37	56.14	34,967.56	567.11	56.34	31,948,59	-	96.34			SEN.		1,309.92	56.34	77,176.37
	Last Prio Prospective I	P. Apr-10 1	D 34-10	E-2, 9ub 977 Workpaper D-3	151.30	57.05	9,201.84	176.66	57.05	10,079.46					-			-		337,98	57.05	19,201.33
	Net Recoveres				601.22		34,051,72	1,755.01		99,423,36	778.82		43,876,75	•			•		-	3,133.15		177,351.01
Virtage Ar	mounts Hars Suit 1002				1,148,85		65,306,49	1,992,31		111,250,28	778,92		43,576,75	-		-	-		-	3,000.06		220,433,51
Eab 1013	Test Perced	Apr-11 1	io Nep-12	Siem of Values (Apr-11 litru Hitr-12)	415.74	5 55.38	23,438.71	1,450.34 B	56.30	81,769.06	2,606.18 \$	56.38	146,937.65	148.08	\$ 56.38	8,348.60	-	\$ 55,78		4,520.34	\$ 56.30	260,438.42
	Prospective Perced	Apr-12 I	o A4-12	Sum of Values (Apr-12 thru Art-12)	110.60	56.34	6,231.53	539.45	56.34	30,393.08	1,071.94	5634		589.79	56.34	10,229.56	-	56,34		2,311.76	55.34	130,361.32
	Last Per Properties	P. Apr-11 I	D ##11	E-2, Sub 1002 Workpaper W.P.D-2e	107.44	56.34	10,559.02	015.37	56.34	34,967.58	557.11	K.ZC			54.M			56.34		1,369.92	56.34	77,176.97
	Hel Recovered				300.90		19,110.42	1,374.42		77,460.54	311201		175.401.01	737.60		41,57£36	•		•	5,564 20		313,672,37
Violage Ar	mounts Bru Sub 1019				1,467,74		64,410.00	3,336.72		188,743.66	3,849.92		219,367.75	737,86		41,578.36	-		•	9,452,28		534,106.00
Buk 1819	Parts Percet Forecast	Dec.17	io Nov-13	Survey of Mariana (Clares 17 thru Mose 17)	_	56.79		958 30	56.79	54 510 19	177544	5629	181 577 31	1 646 05	56.29	92 983 66	_			5.830 M		328 751 16

SACE 1st Response to Staff

W/P D-2a

		Virtuge - 2		Vintage			Epo - 2011		Virtage -		Vintago - 201					3000 (Person C		-	- 2018 (Herth	-		- 2011 plans	-		2012 (Herth			po - 2013 (Nor			mpes Pasriis C	
		-		-			- November				Vesige here: Kappe						Over(Under)			Own(Union)			Dest(Under)			Over(Under)			ed Ower(Under)	Recoverable		Over/Comm
		dhons 1	LOSSES	Additors	Louis	Addisor	* L0000	66 A00	320%	LOSSES	Address Los	-		AL BILL	Lonnes	Lorens	I Recovery	Losses	Lorens	E Recovery	Losses	LOWER	1 Recovery	Losses	1000	1.Removy		استدا	E Recovery	Lones	Losses	2 Recover
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9 ~		· · · · · ·	•		٠.				•			$\overline{\cdot}$	ايزا	84 81%							<u> </u>											
		43	0.36	<u> </u>	<u> </u>	<u> </u>			<u></u>			\equiv \sqcap	131	B4 81%	0,31	•	(0.31)		•			•		•	-	•	•	-		0.31		Ú.
<u> </u>		76.6	0.75	-	-		•	•	•			<u></u> ∣	"	E5.08%	5.74	-	(6.06)	•	•		-	-	-	•	•	•	•	•		574		(%
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	•	275.1	54.54							- <u>-</u> -	<u>:</u>	<u>-</u> 1	₽-	85.09%	43		(84,51)					<u>-</u>	<u>-</u> -						- -	43-		<u>F</u>
		299 1	79.40			-						-		E5.00%	67.50		(152.10)													67.59	·	(152
, ,		390.7	112.02					-		-		- 1.	[85.09%	95.28	-	(247.36)		-						-					52		[247
,	265.05	785.0	135.77									· [6]	Ì	85.00%	115.49	•	(382.87)	-	-						-					115.49		(362
· ·		67,9	141.43	<u> </u>	<u> </u>							- 3	1	65.09%	120.30	-	(453.16)	•	-			-	-		-	-		•		120.30	-	(483
~ ٥		-	141.43	E30.4	69.20			<u> </u>		<u> </u>	-	<u> :</u>	ĺ	85.05%	120.30	•	(603.46)	58.85	-	(50.40)	•	-	•	•	-	•	-	-		179.16	-	(682
	300.81 467.58		141,43	3CG.8 467.8	137.91				-	 -		<u>-</u>		85.07% 85.05%	120,30 120,30	1,922,99	(729.74) 1,078.90	84.16 117,30	586.98	(143.02) 326.67		-	•	•	•	-	-	•		204.46 237.81	2,509.90	(900
	670.02	-	141.43	670.0	193,74					-		<u>-</u> -		65.08%	120.30	1,922.30	954.50	154.80	500,55	161.87	· ——			-	<u>-</u>					285.10	2,XB.50	1,405
0 -			141,43	569.0	242.59				-			.		85.41%	120.60		837.80	207.46		(45.59)					-					325.25	:	790
0 -		 -	141.43	693.2	300.66							-		85.41%	120.60	-	717,00	256.79	-	(302,36)		-	-				_			377,59		414
-	571.75		141.43	571.0	344.31					$\overline{}$		- 1] [_	66.41%	120.00	765.76	1,381,97	297,49	1,502,03	502.16			<u>-</u>					:		418.29	2 787.79	2.24
۰ -		•	141.43	520.3	391 67			:	•					25.41%	120.60		1,261.17	334.52		557,64	·									466.12		1,820
بد 0.			141 43	414.1	426.51				-		· · · · · · · · · · · · · · · · · · ·	<u>-</u>		85,41%	120.60	-	1,140.37	364.29	-	203.36	•	•	-	•	-	-		•		485.08		1,340
• •		-	141.43	445.8	457.54				<u> </u>	_ <u>:</u>		-		85.41%	120.80	•	1,019.57	390,00	-	(192.64)		-	-		-		•			516.79		E24
	756.86	•	141.43	256.9					-			<u> </u>		85,41%	120.60	-	668.77	414.28 429.25	•	(806.92)		-	•	•	*	-	•	•		535.00	•	29*
	210.30		141.43	210.3	502.57 502.57		4 100		-	÷		÷	I 44 1	胚 61% 胚 41%	120.80 120.60	•	777.97 6 57.18	429.25 429.25	-	(1,036.16) (1,485.41)		•		•	-	•	•	-		550.04	•	(25
	1,982.63 1,176.98	-	141.43	-	502.57	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			-			÷		85.41% 85.41%	120.00		536.36	4325		(1,445,41) (1,894,66)		-	(141.11) (366.00)					•		691.16 774.93	•	(1,724
1 -	90D.77	-	141.43	_ <u>:</u>	502.57	560			÷	÷		÷		65.41%	120.60	(407.57)	0.01	423.25	2,205.44	(56.40)		481.71					-		. :	621.96	2,346.67	(1,72
	(1.41) 22)	-	(41.43		502.57							- [1 -	85.41%	120.00		(112,79)	429,25		(427.71)	170,07	•	(300.13)							71.0		(327
l1 -	357 BB	-	141.43	-	502.57	367	.9 230) CC		-	· · · · · · · · · · · · · · · · · · ·	_		95.53%	120.97	-	(233,70)	428.66	-	(917.58)	198.72	-	(51E.BS)	-	-					747.54	-	(1,994
1	6 52.11	-	(41.43	-	502.57	652	1 255	<u>5</u> 18		-		-	1 1	65.53%	120.97	-	(354.73)	429.65	-	(1,347.40)	243.91	-	(Agg. 188)		-					794 73		(2,46)
	561.47	-	141.43		522.57				•	-	•	<u> </u>	⊔_	85.574	120.97	485,71	10.01	43.6	1,660.27	[116.90]	20.22	1,017.74		·			i	:		B40	1,10.77	(17
1 +		٠	34143	•	502.57			CO.	٠.	:_		<u>- </u>		92.23W	120.97		(110.95)	429.86		[546.83]	312.04		(33£.25)							892.66		(590
1 *		-	141.43	-	522.57				-		<u> </u>	<u>. </u>		85.57%	120.97	-	(231.92)	429.86	-	(776.60)	123.40	-	{ 66 1. 65 \$		•		-	•	-	674.22		(1,607
1 =		-	141.43	-	502.57 502.57				•			<u>-</u> - ş		85.574 85.574	12 <u>09</u> 7 120 9 7	•	(352.86)	43.65 43.65	-	(1,406.53) (1,836.38)		-	(1,915.55) (1,410.72)	•	-		-	•	-	505.11	•	277
1 -			141.43		50.57				-	÷		÷∥a		85.574	120.97		(473,85) (594,83)	479.65		(2,291.23)			(1,838,536		•	•	•			945.55 973.83	•	(3,72s (4 sec
	331.73		141.43		502.57				224.8	27.07	- -	- 4		E.50%	120.97		(715.75)	(3.5		(2,896.08)	47.10		(2,294,35)	23.15		(23.15)	- :			1,001,76		(5,70
	281.12	•	141.43	-	502.57		500		261.1	4.63		•		£274	120.97		(836.78)	429.86	-	D.125.92		-	(2,004.17)	41.76		(61.91)				1,070,40		(4.72
	363.06		141.43	•	502.57		500		363.0	60.75	•			45.574	120.97	967,73		429.86	396.77	***************************************	Q1.82	3,121.51		59.0 6	133.97					1,647,70	7,746.46	
2	117.49	•	141.07		502.57		500	220	117.5	90.54			_	#4.57%	120.65		(120.66)	429.65		(428.66)	427.02	-	(427.142)	77.44	-	(77.44)	$\overline{}$			1,954.76	•	(1,050
12 .	301.06	•	134.69		502.97				301.1	115.63		<u> </u>		65.92h	115.72	-	(236.30)	431.01		(201.003)	429.77		(957.59)	99,35		(175,730)				1,979.85		(2,132
2 L			127.41	•	502.57				616.1	195.97		∸l		85.92%	105.47		(345.86)	431.01		(1,290,47)		-	(1,287,35)	143.40	•	(320.24)	•		-	1,314.51	.*.	(3,246
	421.18	-	109.62	-	502.57 502.57				421.2	202,07		<u>. </u>	J	5.9X	34.36	440 21	<u>-</u> -	431,81	1,725.7		. 43.77	1,717.12		173.52	463.86		<u>-</u>			1,129.55	4,176.47	
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	279.64		5.66		502.57				279.7	326.30		÷		85.92%		-						- 1								- :		
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3 ь	861.64	·		·	403.53			0.20		341.64		29.69	<u> </u>	65.52%	-	-		345.60	-	-	429.77	•	-	293.53	-	-	111.43			1,181.53	-	
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13 &					259.68		500		•	341.64		0.34		65.92%	•	•	•	223.11	-	•	429.77	-	•	293.53	•	-	140.77		-	1,127,14	•	
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		Ctort Date	End Date	Source Decuments for Recovered Leet IPM-Is	MANN	Rate	Recovery	LIMH	Rata	Recovery	WH	Rate	Recevery	- MMH	Rate	Recovery	HAMH	Rate	Recovery		Reta	Recevery
2ub 121	Test Period	6ep-07 tr	Mar-OB	S-2, Sub 901 Compliance Exhibit 2 (Pages 1 & 2)						_		٠.		. 1			. 3					
246 M1	Promedive Percol		14-08	E-2, Bub 901 Complaints Exhabit 2 (Pages 1 & 2)	•	• •	•	• •			-	•			_		. '	_				
	Lass. Pror Prospective 6	, ,		Period Not Acologists to Analysis	•	•	-	•	•	•	-							_		_	_	
	Het Recoveres	· Apr-0/ 1	3,3407	FOR THE PARTY OF T		<u>-</u>										-						
Saib 901	Test Period	Apr-OR II		6-2, Sub 951 Workplay D-2		•		. 1	-	-		s -	•	- 1			- 5	-	٠.	- 1		
	Реприян Ригов	Apr-08 I	14-0B	6-2, Sub 951 Workpaper D-2	6.74	57.12	365.02			-	•	٠	-	•	•		•	-		6.74	57,12	385.02
	Less Pro Prespective F	Apr-08 I	AL-OR	E-2, Sub 931 Compliance Exhibit 2 (Pages 1 & 2)				<u> </u>				-		-	•	<u> </u>	-	•	<u> </u>	<u> </u>	•	
	Net Pacoverna				€74		366,02	•	•	•	•		•	•		•	•		•	6,74		386,02
Sub 877	Test Period	Apr-OS t	o Mar-10	6-7, Sub 977 Workpaper D-3	1,929.73	E 57.08	110,153.90	546.90 \$	57.00	23,506,24				- 1		-	- 1			2,519.72	57.08	143,660.78
	Prospecies Percel	Acr-10 t	u 34510	S-2, Sub 977 Workpoor D-3	785.76	57,05	44,826.90	1,502.09	57.05	85,689.63		-	-	-		-	-			2.297,79	57.06	130,516,62
	Less Pror Propositive 6	Apr-09 I		6-2, Sub 951 Worksow D-2	6.74	57,12	365.02	-		-							_			6,74	57.12	365.02
	Not Recovered				2,708.75		154,505,87	2,000.02		119,195.51				-		-	-			4,797.77		273,792.30
Virtuge Am	unto ithii Sali 977				2,715.49		154,980.89	2,000.02		119,196,51	-	-								4,804.51		274,177.40
Sep 1082	Test Paned	Apr-10 I	o Alex-11	State of Volume (App-10 thru Mar-1.5)	379,19	\$ 56,65	21,500.62	1,767.47 \$	56.65	214,106,25	44.76		27,786,60	- 1			. 1	55,66		4,634,41		250,473.48
	Prospective Fenal	Apr-11 U	44-11	Sum of Volume (Apr-11 Data Jun-11)	45.71	56.34		1,660.27	56.34	\$3,533.59	1,017,74	56.34	57,336,57	•	56.34	-	•	56.34		3,163.72	56.34	70.232.02
	Less Pros Prospective I	Apr-10 (D 24-10	E-2, Sub 977 Worlpapur D-3	765.7%	57.05	44 107.00	1,502.03	57.05										<u> </u>	2217.79	705	130,518,66
	Hall Recovering				78.14		4,036,66	3,925.71		222,030.23	1,506.50		6 ,122.56	•		•	•		-	5,510.35		311,188.44
Vintage Am	aunds thriv Sub-1002				1,793.63		159,017,54	£014,73		341,226.74	1,506,50		65 ,172.56	-		-	-			10,314.95	•	585,308.84
Euh 1813	Test Period	Apr-11	ta Mar-12	Sum of Values (Apr-11 fbru Mar-12)	1,443.44	1 56.38	81,379,11	5,216,04 \$	56.35	254,073.65	4,139,73	\$ 56.30	230,392.54	133.97 1	50.30		- 1	50.30		10,933.10		616,396,48
	Prospective Period	Apr-12	o A4-12	Sum of Values (Apr-12 thru Art-12)	440.21	56.34	24,802.05	1,775.29	56.34	97,204.08	1,717.12	56.34	96,744,78	493.86	56.34		-	56.34		4,376.47	56.34	246,575.47
	Less Pror Prospective	P. Apr-11 I	lo Jul-1 1	E-2, Sub 1002 Workpaper W.P D-2b	465,71	56.34		1,050.27	55.34		1,017,74	56.34		<u> </u>	56.34		-	56.34		3,163.72	56.34	179,232.62
	Hall Percoveres				1,397.94		76,818.10	5,281,06		297,744.14	4,830,11		272,001,33	627 ID		35,377,7%	-		•	12,145,93		664,741,33
Virtage Am	ments Herr Sub-1019				4,191.57		237,635.64	11,295,78		GU/0.00	0,345.61		357,923.59	627.83		26,277.76			-	Z2,460.79		1,270,100.17
Bab 1919	Rate Penas Forecast	Dec-12	io Nov-13	Sturn of Values (Dec-12 thru Hox-13)	-	56.29	-	2,467.91	5429	136,930.10	5,157.22	94.29	290,323.58	1.522.40	54.29	194,292.25	2.500.22			12,647,76		627,548.92

, Recoverable Sales Reductions	from Energy Efficiency Programs (MMI):	Residential Lighting Program

	Recoverable Sales Reductions from Energy Efficiency Programs (MMA): Residented Lights		VI 2013		Visitage - 2000 Storth Carolina		701111111111111111111111111111111111111		Vistage - 2011 (Nort		Vintage - 2012 (No	et canton	Vintago - 2013 (Non	m Cumina	7 48 944	ges (Herth C	
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Amounts Do Jigs Person Connect Rate Format Amounts Do Jigs Reduct Current Rate Format Amounts Do Jigs Reduct Cu	Sum of Additions x 3 & Rect	64.18 279.364.19 192.063.39 192.053.20	155 31330 156 313 60												2/1/05/07	21 KUZ67	

					Vnta	pa 2008 Rec	pene	Vintage	2010 Read	March .	Virture	2011 Page	MATERIAL STREET	Virtag	2012 Reco	OVERNOR	Vite	go 2012 Pless	-		wed New Load P	given:/ii
		Start Date	End Oats	Source Decuments for Recovered Lant MWHs	HANH	Rate	Recovery	WH	Rate	Recovery	. MWH	Rate	Recovery	MMH	Rate	Recovery	WWH	Rate	Recovery	MMI	Radio	Recovery
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Eugl #31	Test Period	Sep-07 k	14pr-08	6-2, Sub 931 Complemos Eshbi 2 (Pages 1 & 2)	-	٠ ،	-	- 1						- 1	•			1 .			5 -	•
	Prospective Period	Apr-06 N	340	E-2, Sub (01 Compliance Exhibit 2 (Pages 1 & 2)		-	-	-	-	-	-		•	*	-	•	-		-	-	•	•
	Last. Plan Prospective Per	Apr-07 N	14 0 7	Percot Hot Applicatio to Analysis		-	-	-					<u> </u>			<u> </u>						<u> </u>
	Net Recoveres				-		-	-					•	-					-			-
	•																					
Euch #31	Test Percot	Apr-08 1	Mar-05	E-2, Sub 951 Workpaper D-2	-	.	-	- 1	-	-	- \$	•		- 1		•		s -	-		\$ -	•
	Prespective Period	Apr-09 1	M-08	6-2, Sub 961 Workpaper D-2	-	57,12	-	-	-	•	-		-	-	-	•	-		-	-		•
	Lam Prior Prospective Pe	Apr-08 N	M-00	E-7, Eub 931 Complexes Exhibit 2 (Pages 1 & 2)		-			-	•						<u> </u>	:_					.
	Net Recoveries			1	-				-	-	-		-	-		•			-			-
					•																	
Sub \$77	Test Percoi	Apr-09 M	Mer-10	5-2, Bub 977 Wertpaper D-3		\$ 57.00	-	1,234.72 \$	57.00	70,480,47	- 1	-	•	- 1	-	-	-	\$.	-	1,234.72	\$ 57.08	70.480.47
	Prospective Period	Apr-10 h	J.4 10	6-2, \$ub 977 Workpaper D-3		57.05		6,754.30	57.05	36,327.00	-	-	•	-	•	•	-		•	6,754.30	57.05	366,327.00
	Lass Pror Prospective Pe	Apr-09 II	34609	5-2, \$ub 961 Werlpaper D-2		57.12	·	<u> </u>		-			<u>.</u>		-	<u> </u>			<u> </u>		_ •	
	Hel Recoveries				-		-	7,989,02		456,807.47	-		-	-		•	-		•	7,969,02		455,607,47
Viringe Are	ounts flow Sub 177				-		-	7,989.02		456,607.47	-	•							•	7,980 😥		€5,837.47
Eub 1002	Test Period	Apr-10 N	Mer-11	Sum of Values (Apr-10 Bru Mer-11)	•			48,752,06 \$	55,46	2,771,627.	2,801.57 \$	50.65	147,903,27	- 1		-	-	£ 56.86	-	51,363,63	\$ 50.86	2,919,531.15
	Prospective Person	Apr-11 1	Jul-11	Sum of Values (Apr-11 (Intu Arr-11)	•	56.34		21,817,31	56.34		7,490.22	56.34	420,786.51	-	56,34	-	•	56,34	•	29,286,53	55,34	1,549,696.68
	Lase: Prior Prospective Pe	Apr-10 I	14-10	E-2, Sub \$77 Workpaper (I-3)		57.05		6,754 30	57.05	36, 327.00					-			<u> </u>	<u>_</u>	6,754.30	57.05	
	Hat Recovered						-	63,815.06		3,615,403.04	10,070.79		588,691,78			•	•		-	73,865.65		4,184,100.82
Vintage Are	ments thru Sub 1002						-	71,804.08		4,071,218.51	10,070.79		560,601,78	-		-	-			81,874,87		4,639,909,20
								# 314 m -	50.38		40.425.72	56.38	2.7E 004.54	2,086,67		117,643,62	_	\$ 56.00		109,970,33	1 56.34	6,198,981,81
BUD 1818	Test Period	Apr-11	o May-12	Surn of Velicon (Apr-11 Stru Mar-12)	-			65,740.92 \$			42,142,74 \$		2,375,961 M		56.36 56.34			56.34	-		56.34 56.34	
	Prospectors Perced	Apr-12 1		Sure of Values (Apr-12 Stru. Adv-12)	-	56.34		21,924.48	56,34		21,000,34	56.34 56.34	1,165,391.70	6,180.17	56.34			54.34	•	51,144,00 28,266,53	56.34	2,84,514.00
	Lean Proor Prospective Po	# Apr-11 1	3.611	E-2, Sub 1002 Workpaper W.P D-24		54.34		21.017.31	36.M	1,725,108.17	7,450.22	700.34	420,780.51 3,140,546.03		20.34	579,524.49		38,34	<u>.</u>	131,827.80	20124	1,640,000.00
	Hat Recoveres				-		-	65,043.05		1,712,529.62	56,712.85		3,140,540,03	10,295.64		974,524 48	•		•	131,627.80		7,431,569.14
								137,650,10		7,783,745.14	66,783,65		3,709,236,81	10,286.84		578,524,48				213,702.67		12,071,507,43
Virtage An	HAUMS BYU SLID 1018	,			-		•	147,652.18		1,700,740,14	W0,703,00		3,740,230,61	10,211.09		378,329.46			•	213,742.57		12,011 (507,43
			_			***		17 em et		2105,444.05	Q.118.00	56.29	1.961.702.75	55,054,05	56.29	3,098,430,96	20 686.A7			176,209.44		0.756,077.36
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Page 1 of 2

	30.6	10 44 45 50 46 18 40 18 40 18	Vylinge tree Remountable Additive Coolest	Virigo sine: Receiver at Additions Losses			Vintege sidel Recoverable			America -	2000 peorth Ca		Ymage -	3010 (North 6	Caraltegi	Virtuge -				2012 (North C		Vertuge - 28	3 (Horth Carolina)	I AE Vo	tages (Hert): C	andrej entrej
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1-0 A1 3225 1-10 A1 3255 1-10 A1 4055 1-10 A1 4052 1-11 A1 227 1-11 A1 227 1-11 A1 227 1-11 A1 4055 1-11 A1 4	-	44.18	3146 94.69	<u> </u>		<u> </u>			85,00%	40,98	•	(44,44)	60:71	-	(83.57)	-	-	-	-	•	•	-		· 121.	· -	(128.0)
10		40.18	242.2 115.07 352.6 145.31	• •		<u> </u>	.	图 ::	85,41% 85,41%	41,15 41,15	-	(86.60)	\$9.25 124.11	•	(101,85)		-	-	-	-			•	- 139.43		(257.44
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100 st 278 st 27		414	466.6 250.97		-	 -	- •	·	65,41%	41,15		(66.91)	214.27	_	(350)52)	-		-						- 22259 - 2542	•	(173.01 (4 28. 43
10		40.16	427.0 286.52		-	 -		ایا	65,41%	41.15		(110.05	244.72		(604.23)	-								- 26.07		(714.X
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151		40,18	384.2 356.97					9	85,41%	41,15	-	(192.36)	304,66	-	(1,166.57)			-			•	-	-	- 346.04	-	(1,379,00
11		44.18	- 356.97	299.7 24.9				. []	85,41%	41,15	-	(233.51)	304.89	-	(1,481,56)	21,23		(21,33)	•			•		- 357.37	-	(1,746.40
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15 16 16 16 16 16 16 16						<u> </u>		ا ہے		41.15	315.81		304.89	2,101,07	(0 27)	60.71	151.90			_	•	. <u> </u>	_ •	43.75	2,588,66	(0.27
1-11 a. 465.6 11 a. 304.9 1-11 a. 305.9 1-11 a. 306.3 1-11 a. 305.9 1-12 a. 305.9 1-12 a. 306.9 1-13 a. 306.9 1-14 a. 306.9 1-15 a. 306.1 1-15		4118	- 356.97 - 366.97	405.5 128.3 393.5 161.0		 -			85.41% 85.82%	41,15 41,40	•	(41.1 5) (82 ,54)	304.00 306.71	•	(305,18) (611,67)	108,58 138,40	-	(100.50) (247,90)	•	•	-	-		46.0	-	(455.84
111 at 3749 by 111 at		49.15	· 366.97	456,5 199,0		 -		E	85.62%	41.40	:	(123,04)	306,71 306,71	-	(918.56)	171.03	•	(247,580) (419,01)	•	•	•	•	-	- 486.51 - 519.13	•	(942,30
Section Sect		44.16	366.97	374.9 230.3		 -			85.52%	41.40	164,77	(0.56)	306.71	1,220,58	(4.71)	197.67	614.56			:	:			- 515,13 - 545,98	1,969,93	(1,461.53 (7.5)
		44.18	366.97	395.7 261.7	и - и	 -		1 1	,_255	41.40		(41.95)	306.71		(3)11.42	225.18		(22.4)				· <u>-</u>		574.20		
151		411	- 368.97	38Z.5 296.9	. A			11	65,92%	41,40		013.35	306.71		(618.13)	254 26		(462,77)						607.30		(1,104.25
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1-12 b 1412 1-12 b 1412 1-12 b 1414 1-12 b 1541 1-12 b 1561 1-13 b		48 16	356,97	377,7 356 1		<u> </u>		3	85.82%	41.40		(166,14)	305,71	-	(1,231,55)	308.57	-	(1.072.66)	-			-		656.67		(2,470.55
12 b 224.4 12 c 40.4 12 c 40.4 12 c 30.4 12 c 30.4 12 c 30.7 12 c 30.7 12 c 30.4 12 c 30.4 12 c 30.9 12 c 30.9 12 c 30.9 12 c 30.9 12 c 30.1 12 c 30.1 12 c 30.1 13 c 30.1 14 c 30.1 15 c 30.1 17 c 30.1 18 c 30.1 19 c 30.1 10 c 30.1 11 c 30.1 12 c 30.1 13 c 30.1 14 c 30.1 15 c </td <td></td> <td>49.18</td> <td>366.97</td> <td>254.3 160.3</td> <td></td> <td>-</td> <td><u> </u></td> <td>8</td> <td>85.92%</td> <td>41.40</td> <td>•</td> <td>(207.54)</td> <td>306,71</td> <td>-</td> <td>(1,536.26)</td> <td>326.76</td> <td>•</td> <td>(1,399,64)</td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td>674.56</td> <td>-</td> <td>(3,145.43</td>		49.18	366.97	254.3 160.3		-	<u> </u>	8	85.92%	41.40	•	(207.54)	306,71	-	(1,536.26)	326.76	•	(1,399,64)	-	-				674.56	-	(3,145.43
12 a 30.4 12 a 30.4 12 a 30.4 12 a 30.4 12 a 30.1 12 a 30.1 12 a 30.1 12 a 30.0 12 a 30.0 12 a 30.1 12 a 30.1 13 a 30.2 13 a 30.1 13 a 30.1 13 a 30.2 13 a </td <td></td> <td>44.18</td> <td>364.97</td> <td>- 300.3</td> <td></td> <td>25.60 50.60</td> <td></td> <td>4.4</td> <td>85,92%</td> <td>41,40</td> <td>•</td> <td>(240.00)</td> <td>306.71</td> <td>-</td> <td>(1,844.97)</td> <td>126.79</td> <td>-</td> <td>(1,726.41)</td> <td>27,86</td> <td>-</td> <td>. [22,88]</td> <td>-</td> <td></td> <td>■7.24</td> <td></td> <td>(3,643.17</td>		44.18	364.97	- 300.3		25.60 50.60		4.4	85,92%	41,40	•	(240.00)	306.71	-	(1,844.97)	126.79	-	(1,726.41)	27,86	-	. [22,88]	-		■7.24		(3,643.17
-12 is 3841 -12 is 808 -12 is 808 -12 is 875 -17 is 875		44.16	- 156.97 - 368.97	- 3923		54.60	- : :	11	65.92% 65.92%	41,40 41,40	301,72	(250.33)	306.71 306.71	2,468.30	(2.151,68)	326.70 326.78	2,379,96	(2,053.19)	43,72	139 27	(66.50)	•		- 716-60		(4.561.77
22 w 500 s 12 w 750 s 12 w 755 s 12 w 755 s 12 w 755 s 12 w 750 s 13 w 750 s 14 w 750 s 15 w 750 s 16 w 750 s 17 w 750 s 18 w 750 s 19 w 750 s 10 w 7		48.18	356.97	- 360.3		112 44		1	65.675	41.40	40.02	(41,40)	305,71	2,704.30	(306.71)	20.76	4,313,30	(326.7%)	72.EB	140 21	(25.61)	_ 		74757	5,309,34	
1-12 in 887.5 -1-2 m 364.1 -1-2 m 364.2 -1-2 m 364.1 -1-2 m 364.1 -1-2 m 364.1 -1-3 m 364.1 -		49 18	356,97	- 360.3		141,67		lal -	EL 12%	41.40		(02.70)	306,71		(613.42)	XX.78		(653.56)	121.73	-	(218.34)	-		771,48 795,61	•	(771,49
12 m 2041 12 m 3022 12 m 3022 12 m 3022 12 m 3020 12 m 3021 12 m 3041 12 m 3041 12 m 3041 13 m 3041 14 m 3041 15 m 3041 16 m 3041 17 m 3041 18 m 3041 18 m 3041 19 m 3041 19 m 3041 19 m 3041 10 m 3041		48.16	358.97	- 360.3		172.30		1.1	85,92%	41,40		(124.10)	306.71		(920.13)	326.78		(980.33)	149,04	-	(305,30)	-		- /30.01 872.92		(1,564.10 (2,591.02
512 s 3008 -122 s 2608 -122 s 2608 -123 s 3041 -124 s 3041 -125 s 3041 -126 s 3041 -127 s 3041 -128 s 3055 -138 s 3055 -138 s 3055 -138 s 3062 -139 s 3062 -131 s 3061 -131 s	•	41.16	- 354.97	- 3823	33 IS4.1	200.14		1.4	45,92%	41.40	185.58		305.71	1,236.04		326.78	1,307.10		171.56	536.34				- 846.84	3.237.66	(2,001.02
-12 is 2004 -12 is 2004 -12 is 3041 -13 is 3051 -13 is 3055 -13 is 3055 -13 is 3055 -13 is 3061 -13 is 3061 -13 is 3061 -14 is 3062 -14 is		48.19	156.97	300,1		20.15		,	65.024								- -					·				
Average 3041 Average 3050 Average 3050 Average 3061 Average 3062 Average 3061 Average 3071 Average 3041 Average 3042 Average 3042 Average 3042 Average 3042 Average 3042 <td></td> <td>4.11</td> <td><u> ¥6.97</u></td> <td>- 3001</td> <td></td> <td>261.39</td> <td></td> <td></td> <td>65,92%</td> <td>-</td> <td>•</td> <td>•</td> <td>-</td> <td>•</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>•</td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td>-</td>		4.11	<u> ¥6.97</u>	- 3001		261.39			65,92%	-	•	•	-	•	-	-	-	-	•	-	-	-		-	-	-
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132 m 3341 133 m 3341 134 m 3442 135 m 3442 137 m 3241 137 m 3241 138 m 3242 131 m 3241	•	256	356.97 356.97	- 300.3		319.46	<u> </u>	1000	85,82% 85,92%	•	, -	•		•	•	-	-	•		•	•	•				•
131	.	•	- 127.15	· 361		344.91	334,1 27,84		65.82%	•	•		306.71 286.11	•		326.78 326.78	-	•	298.34 296.34	•	•	-		129.53	•	•
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-13 m 3041			200,30	- 300.3	n -	344.91	304.2 87.70	8	85,574				217.71			324.70			26.M		-	75.35		94£17	-	•
153 av 3975 - 154 av 3975 - 155 av 3975 - 15		-	- 252.06	- 360.3	5 -	344.94	334.1 115,54	2	SERTS.	-			ZZ.11			226.76			295,34			10.27		947.97		
131 m 2041 141 m 2042 142 m 2009 143 m 2041 144 m 2041 145 m 2041			241.90	- 380.3		34.91	350.8 144,77	3	85,92%	-			207,84	-	-	328.76		-	298.34	-		124.36		956.34		
	·	<u> </u>	211 86	- 140.3		344 91	367.5 175.39	. 8	85.5Z7K	•	•	•	181,86	-	٠	326.76			256.34	-		150.70		966.61	-	
513 a 2008	•	-	177.67	360.3		344.91	334.1 203.23	ا و ا	65.87%	•	•	•	152.42	•	•	326,78	-	-	26.34	•	-	174,62		960.56		
-13 ar 360.813 ar 360.8143 ar 324.1151 ar 337.4151 ar 334.1151 ar 334.1151 ar 334.2151 ar 350.8151 ar 357.5151 ar 357.5	•	-	- 144,07 - 106,10	- 360.1 - 360.1		344.91	364.2 235,26 360.8 264.48	- *	85.92% 85.92%	•	•	-	123.79	•	-	326.76	•	•	296.34	-	•	202.13		• • • · · · · · · · · · · · · · · · · ·	-	-
A13 at 3341 - 133 at 337,4 - 144 at 3341 - 154 at 3361 - 154 at 3363 - 154 at 3363 - 154 at 3363 - 154 at 3363 - 154 at 367,5 - 154 at 36	÷	-:	106.10	- 3403		344.91	350.6 293.71		657%		•	•	91,16 60.53	-	•	326.70 326.76	-	-	250.34	•	•	227 24		941,52	-	-
5-13 cs 317.4 -14 cs 3341 - -514 cs 3341 - -514 cs 3341 - -14 cs 3342 - -14 cs 3342 - -14 cs 3342 - -14 cs 3620 -			32.02			34.91	334.1 321.55		85.92%				27.51			326.78		-	296.34 296.34	•	-	252.34 276.28		93£01	•	•
614 ac 3341		-		- 380.3		344.91	317.4 344.00				-			-		300.70							: :	975,91	•	•
>14 a 2843 -14 a 2842 - -14 a 2841 - -14 a 2841 -14 a 3608 - -14 a 3625 -14 a 3625 -14 a 3625 -14 a 3625				1653	36	344.91	340.00			-				-		-		-	-	-						
-14 ev 234.1				- 321.8		344.8%	- 348.00			•				-				-			-					-
y-14 w 360.0 - y-14 w 367.5 - -14 w 334.1 - y-14 w 354.2 - >-14 w 350.0 -	-	-		26.1		341 91	- 3400			-	÷	-	-	-	•		-			-	-					-
14 m 367.5 - 14 m 367.5 - 14 m 364.1 - 14 m 364.2 - 14 m 360.0 -			<u> </u>	252.0		344 94	349 00			•	-	-	-	-	•	-		•			-	-				
-14 & 334.1 - 		_:		- 219.2		344.91	349.00			•	•	-	•	-	•	•	-	-		-		-				
>14 to 3542 - >14 to 2528 -		: -		- 181.2 - 150.0		344.91	- 348.00			-	•	•	•	-	•	-	-	-	•	•	-	-			•	-
>14 = 1500 -						344.91	- 348,00 - 348,00			•	•	•	•	-		•	-	•	•	•	-	٠.			-	
						3431	340.00			:	-	-	-	-	:	-	-	•		•	•	•		•	•	•
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-15 w 234.1 - p-15 w 384.2 -				- 11770 - 643 - 529 - 21.1	19 -	316.30 254.02 260.30 232.46 203.23 177.61	- M800 34800 - 34800 - 34800			•	•	•	:	:	:	:	:	:	•	-	:	:	: :	:	-	
p-15 /s 350.0 -				- 11770 - 643 - 52.8 - 21.1		316.30 254.02 260.30 252.46 203.23 177.61 144.77	- 348,00 - 348,00 - 348,00 - 348,00			:	· ·	:		•	:	:	•	:	•	-	:	:			:	•
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				- 11770 - 843 - 528 - 21.1	19 -	316.30 254.02 260.30 232.46 203.23 177.61 144.77 112.75	- 348.00 - 348.00 - 348.00 - 348.00 - 348.00 - 348.00			- - - - -		:	- - - - -					- - - -		-	:	:				
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n of Addeons # 3 6 Recc 1,734				1170 1170 1170 1170 1170 1170 1170 1170	19 -	316.30 254.02 280.30 202.46 203.23 177.61 144.77 112.75 80.52 54.29 26.45	- 348,00 - 348,00 - 348,00 - 348,00 - 348,00 - 348,00 - 348,00 - 348,00						- - - - - - -			- - - -				-	-					

					Vrespe	2009 Rana	v4****	Vetage	2010 Flaco	veres.	WHE	po 2011 Pecc	No. of Lot	V/m	agu 2012 Pacc	14010	Virting	2012 Recove	_	Z Placeser	ed Hall Lost Re	WPUs
		Stant Date	End De	e Seurce Decuments for Recovered Leet MWHs	MANA	Rete	Recovery	LIMM	<u> </u>	Recovery	IMH	Rate	Recovery	WH	Reta	Recovery	MMH	Rate	Recovery	MMH	Rain .	Recovery
94 131	Test Perod	Sep.47 to	Ne-O	5-2, Sub 901 Compliance Exhibit 2 (Pages 1 6-2)				. 1			- 1				s .							
440 131					- \$	•	•		•	•		-	•		•	-			•			•
	Prospective Perced	Apr-DB III		6-2, Sub \$31 Completion Exhibit 2 (Pages 1 6-2)	-			•		-	-		-	•	•	-	•	-		•	-	•
	Lass: Prior Prospecture Par	Apr-Q7 to	14-07	Perod Hol Applicable to Analysis		-	<u> </u>	<u> </u>		_ -								-	<u>.</u>	_ .	<u> </u>	
	Nel Recovering				-		•	•		٠	•		*	•		•	•		•	•		•
Bub 951	Test Period	Apr-05 10	Mar-CE	6-2, <u>Sub</u> 951 Workpuper D-2	- \$					-	- 1			-		-	. 5		-	. 1		
	Prospective Period	Apr-CD to	3400	E-2, Sub 951 Workpaper D-2	70.77	57,12	4,042.73				-			-		-	-			70.77		4,042,73
	Lean: Prior Prospectare Pas	Apr-CS to	346-08	E-2, Sub 931 Compliance Exhibit 2 (Pages 1 & 2)		-		-	-		-		-			-	-					-
	Net Recoveres				70.77		4,042,73	•	•	-			-	-		•	•			70.77		4,042.73
Sub 977	Test Period	Apr-09 to	Mar-10	6-2, Sub 977 Workpaper D-3	208.14 \$	57.08	11,681,09	113,11 B	57,00	0,458.55	- 1		_	-			- 1			321.25 \$	57.0e	18,337,64
	Prospective Period	Apr-10 to	16-10	E-2, Sub 977 Wartpuper D-3	161.29	57.05	10,342.20	495.52	57.05	28,209.60	-	-	•			-	-	-	* .	670.61	57.06	38,611.09
	Lass: Prox Prospective Per	Apr-08 to	77-01	E-2, Sub 951 Workpaper D-2	70.77	57.12	4,042.73	<u> </u>								-				70.77		4,042,73
	Het Raco-eries				310.66		18,180.56	60.60		34,725.44	-		-	-		-	-		-	927.29		52,606.00
Viriage Am	ourin Shru Sub 877				388.43		2222	eores		34,725.44										999.05		56,948,73
Sab 1992	Test Period	Apr-10 to	۱-1	Sum of Values (Apr-10 thru bler-11)	497.10 S	56.85	20,260.74	2,596.90 \$	54.65	147,020.13	151.98	56.86	8,640.41	-	1 56,85		. 1	56.85		3,245.67 \$	55.85	184,521,20
	Prospective Period	Apr-11 M	₩11	Sum of Visitors (Apr-11 Bro Jun-11)	164 77	56.34	9,282,80	1,730.50	55,34	6 8,762,75	614.50	56.34	34,623.26		56.34	-	-	56.3×		1,000,03	55.14	112,968.54
	Last Pro: Prospectors Par	Apr-10 M	24-10	E-2, Sub 977 Workpiper D-3	181.29	57,05	16,342.20	46.52	\$7.05	2,246,60		-	<u> </u>			-	-	-		676,61	97.04	30,611,09
	Hat Placewise				460.58		27,201,14	3,321,64	-	100,114.02	796.56		43,263,66	-		-	-		-	4,560,70		250,570,62
Vintage Am	ouris fou Sub 1002				670.01		444	1,570.20		722,838.46	786.56		43,263.66	•			•		-	5,506.05		315,527.56
Sub 1018	Test Perod	Apr-11 to	Mpr-1	Sum of Values (Apr-11 thru Mar-12)	499.50 \$	56.34	27,591,77	3,678.96 8	50.30	207,415.09	2,994.54	\$ 55,36	169,629,46	139 27	1 55.30	7,651.76	- 1	56.30	-	7,309.27 S	56.30	412,007.08
	Prospective Percel	Apr-12 10	44-12	Sum of Visions (Apr-12 thru Jun-12)	165.56	5A.34	9,309,00	1,225,04	56.34	69,121,59	1,307.10	56,34	73,543.00	538.34	56.34	30,330.44	-	56.M	-	3.237.88	56.34	162,424,75
	Less Pror Prospective Par	Apr-11 to	3611	6-2, \$40 1002 Werlpaper W.P. D-2b	164,77	56.34	9,282,60	1,220,50	54,34	66,762,76	£14,50	56,34	34,523,28		56.34		-	55.34	<u>.</u>	1,999.93	56.34	112,659.64
	Not Repovered				497.31		28,036,16	3,626.23		207,773.59	3,667.07		207,848,90	677,60		36,162.25	-			4,547.20		491,843.20
Virtinge Ans	ourie thru Sub 1019				1,367.31		77,46259	7,615.50		430,613.35	4,453.53		251,112.56	\$77.ED		39,162.25			-	14,114,05		797.370.75
Sam 1019	Rate Penod Forecast	Dec-12 to	Nov-1	Sure of Value (Dec-12 thru Moi-13)	-	56.29		2,160.38	54.29	172,744,30	3,921,31	56.29	220,748.29	3,566.13	56.29	200,190,60	1,654.08		٠	11,311,90		543,553.18

W/P D-2e

Page 1 of 2

			olinas, Inc.																					rage 1
Recoverable				Programa (MMH): Remains																				
	ىد د م.		tapo - 2000	Vintage - 2010 Velage sittle Recoverable	Vintage - 2011	Vintage - 2012	Vintage - 2013		Webs December 1988	u - 2000 p iorità Carolina) is Recovered Over(Uncir)		- 2010 (Hert	n Corphan) d Over(Under)	Vintaga Percoverable	- 2011 places Paraward		Vetage - Person stie	2012 (North C Recovered	Over(Under)	Vertege - 2 Percentage - 2	913 (North Caralina) Recovered Overs(Unde		ger Plerik	
1		MH Adding		Actions Losses	Atthors Lomes	Address Lower	Attimons Loscos		r (NG) Lorent	Louis I Receivery	Lame	Losses	IRecovery	Louis	Louis	I Recovery	Louis	toms	E Recovery	Lames .	toma I Recomp		Lomes	1 Parcey
±n-09 −									4.81% -		- 	-		· 	-									
F#0-09 ·				•			<u> </u>		4 81% -		•			•	-	•	. •		-	-		•	•	-
Mar-09	•	<u> </u>	<u> </u>	•	<u> </u>	<u>.</u>	·		4 61% -						:	<u> </u>		•				<u> </u>		
Apr-09 -	_	•		<u> </u>					4 8 1% - 5.09% -	- •	•		•	•	-	•	•			-		•	•	-
111-09									5.06% -															
A4-08									5.05% -		-												:_	:
Aug-09			<u> </u>		<u> </u>		- <u></u>		5.06% -		•	•		-	-	•		•	-	-	- ' - ' -	-		
Sep-09 *		•							5.06% - 5.08% -		•			-		•	-			-			-	•
Nov-09		· · · · ·	 .	:			- 		5.09% -		:		-	-			:		-	-	•	:	-	
Dec-09									5.09% -				-							-				
Jan-10 *	-								5.08% -		-	-	-	-	-	- '	-	-	-			-		-
Feb-10					<u> </u>				5.00% - 5.00% -		•		-	•	•		-		-	-	- •	-	•	-
Mar-10 **		0.12	·	85.6 7.44	<u> </u>				5.08%		6.37		(5.37)		-		<u> </u>	<u> </u>			• •	6.37	<u> </u>	(6.37)
Apr-10 1		452.04		452.0 45.16	- : - :	 	~ 		5.41% -	: :	31.57		(44.93)				:					11.57	:	(44.90)
An-19				301,1 77,74				6	5.41% -	- •	66.40		(111,33)		-				-	-		95.40	-	(111.33)
14-10 ·		284.68		204.7 101.47	· · · · · · · · · · · · · · · · · · ·				5.41% -		E .E.	180.8	7 (17,13)									64	150.87	{17.13}
Aug-10 1				4 5 .0 142.22	<u> </u>	<u>.</u>			5.41% -		121 47		(130.60)		-	-						121.47		(138,60)
Sep-10 ·				980.4 273.92 759.3 267.20		<u> </u>			5.41% - 5.41% -	-	1\$1.25 245.30		(129.ES) (575.15)		-	•	•	-	-	-		191.25 246.30	•	(\$25.15) (\$75.15)
Oct-10 ·		565.40		585.5 136.59					5.41% -		20.07		(9/9.19) (862.12)			:		:	-	:	: :	246.30 286.97		(5/5.15) (867.12)
Dec-10		527.20		527.3 379.90		· · · · · · · · · · · · · · · · · · ·			5.41% -		124.50		(1,186.62)		-	-						324.50	-	(1,1 45.02)
Jan-11 /	.	256.96		- 379.93	256.9 21.41		· · ·	" #	5.41% -		22430		(1,511,12)	18.29	-	(18.29)			-			342.70		(1,529,41)
Feb-11 -		305,97		מנת	305.9 46.90				541% -		324.50		(1,635.62)			(50.35)	•	-	-	•		364.56		(1,553,97)
Am 11		591.36 478.36	• •	179.90	591.3 96.18		 		541% -	<u> </u>	124.50				123.01	(17.45)	<u>-</u>			<u> </u>	<u> </u>	408.65	2,012.50	(200.17)
Apr-11 /		425.36 ·		- 17193	425.4 131.69 428.5 167.33		- -		5.61% - 6.53% -	: :	124.50 124.56		(565.14) (920.10)		-	(125.91) (273.03)		-	-	:		436.50 459.00		(725.05) (1,1\$3.12)
Jun-11		363.26		379.90	393.4 200.12				5.53% -		324.98		(1,245.05)		-	(444.19)				-		466.11	-	(1,000.24)
AJ-11 :	N	452.23		379.93	452.2 237.80				6.53% -		324.96		2 (422,00)	203.36		(96.38)	:_	:_				529.35	1,690,52	(519.06)
		597.94		379.50	567.9 288.80				5.53%		124.96		(747.64)	245.30		(341.60)				•		570.25		(1,009.32)
Sep-11		528.05 419.14		- 379.93 371.93	528.1 330.50 419.1 365.73				5.53% - 5.53% -		324.96 324.98		(1,072,60) (1,397,55)		-	(\$24.61) (\$37.42)	•	-		-		607.59 697.76	-	(1,597.21)
Oct-11 -	**	440,70		379.93	440.8 402.46				5.57% -		324 96		(1,722.51)			(331.42) {1,261.64}	:			-		697.76 689.18	-	(2,334.97) (2,004.15)
	A1	545.64		379.93	545.8 447.93				5.53% -		324.96		(2,047.47)		-	(1,864.78)				-		700.07		(3,712.22)
Jan-12		315.50		379.93	- 447,93		· · · ·		5.53% -		324.96		(2,372.42)		-	[2,047.67]	22.49		(22.49)	-		730,56		(4,442,78)
F#D-12		363.00	·	379.93	- 447.93				5.53% -		324.95		(2,697,36)		*	(2,430,99)	40.79		(72.27)	-		757.86	2.00	(5,200.64)
Mar-12		500.70	<u> </u>	379.93	- 447.93 - 447.93				5.53% - 6.53% -	·	124.96 324.96		(324.96)	363.11	2,814.10	(383.11)	123.50	157,75		<u> </u>		750.54	5,994.18	
Apr-12		533.51 533.51		- 179.93 - 179.93	- 447.93 - 447.93				5.52% -	: :	126.44		(551.30)			(767.96)	162.26		(123.50)		: :	831.57 873.56		(N21.57) (1,705.13)
Aut-12				17193	- 417.93				5.92%		126.44	-	(977.83)	384.86		(1,152,64)	200.46	-	(466.22)	-		811.76		(2,616,88)
A4-12	-	533,51	••	. 1/155	- 417卦				5,92% -		176,44	1,304,2	7	384,66	1,537,70		239.65	724.54			<u> </u>	948.96	3,564.65	
Aug-12				171.00	- 4(7.93				6.E2% ·		•	-	-	-	•	•	•	-	•	-				
Sep-12 001-12		533.51 533.51		- 171.90 - 171.90	- 447.93 - 447.93				6.92% -	: :	:	-		-			•	•	•	•		•	•	•
Hor-12		533.51		- 1/1/20	- 4730				5.82%	: :	:		- :			:	:	:	:			:	- :	
Dec-12		533.51		. 17190	- 4190				5.82% -		328.44		-	34.66			432.20	-		_		1,143.50		
		ZZL#5		171.93	- 447.93				6.52% -		336.44		-	394.86	-		432,30	•		16.18		1,159.00	-	
Feb-13		272.11		- 17150	- 447.93 - 447.98				692% - 692% -		378.44 326.44		-	394.95 394.85	-	•	425.30	•	-	35.66		1,173.16	•	•
May-13	_	762,08		- 379.93 - 377.65	- 447.90 - 447.90				5.82% -		320.01		•	394.66	•	•	437.20 437.20	-		79.32 133.80		1,222,63 1,270,56	•	•
Apr-13 ·		609 81	:	334.70	- 447.90				6.82%		287,54			384.86	·		422			177.56		1,382.25		•
	-	457.56		302.19	- 447.90	- 530,00	67.6 244.77	ğ e	£92% -		738.64			394.86			472.20			210.31		1,207.02		-
A4 13		487.52	·	27 1.4 5	- 447.93				6.976 -		200.26	i •	-	384,86	-	•	4220	-	-	245.22		1,301,54	-	-
Aug-13		809.81	·	207.71	- 447.93				5.92% -		204.24		-	384.66	•	•	432.25	-	•	200.00		1,310.19	-	•
Sep-13 Oct-13		762.06 609.81		156,01 92,73	- 447.90 - 447.90				6.92% -	: :	134.04 79.67			384.86 364.86		:	432.20 432.20	:		343,44 367,11	- 1	1,294.55 1,283.64	•	•
	-	457,56		41.94	- 447.93				6.92%		37.75			384.66	-	:	432.20	:	-	419.67		1,274.60		
Dec-13		461,61			- 447.93	- 503.00	461.0 527.14	_				-	-		-			-				-		
In-14	L.	237.24			- 426,52							-	-	-	-		•		-			-	-	-
Feb-14		285,71	• •		- 401.03 - 361.75				-		•	•	•	•	•	•	•	, -	•	•		-	-	-
Arr.14		640,30 600,16		- : :	- 361.75 - 316.30				•			•	-	-	-		-		-	-		•	-	•
Apr-14 May-14	_	640,30		: -	- 290.60										-			:	:			:		:
An 14		41044			207.01	503.03	- 527.14					-		-	-	•		-	-			-	-	-
34.14		511 90			- 210.13				-		•	•		•	-	-	-	-	-	-			-	-
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SACE 1st Response to Staff 010376

W/P D-2e Page 2 of 2

					Vinte	ge 2009 Ra	ecovenes	Virtag	2010 Reco	MT INC	Virtu	ge 2011 Reco	overies.	Vinc	age 2012 Rec	ovenes	Vir	tega 2012 Re	004746	I Recov	ered Net Lock F	laverus
		Plant Date	End Date	Source Documents for Recovered Lost SWHs		Rate	Recovery	MAH.	Rate	Recovery	WH	Rata	Recovery	MAH	Radio	Recovery	MWH	Rate	Recovery	MWH	Rate	Recovery
See 101	Test Percol	Sep-07 to	He-CE	6-2, Sub 901 Complante Estats 2 (Pages 1 & 2)	•					_	- :	s .	_			-					s .	_
	Promothe Perod	Acr-OB to		E-2, Sub 931 Completes Estate 2 (Pages 1 & 2)		• •	•	: •	:	-		• -	:		• :			•		-	•	•
	Lass. Pror Propositive Par			Period Not Accidentia to Armiyas	:	-	•	:	:				:	:	:	·	· ·	:		•	•	•
	Hat Recoveres			The state of the supplemental state of the s				— <u>:</u>			<u>:</u>										<u> </u>	
Sub ISI	Test Percel	Apr-OI to	100	6-2, \$ub 351 Workpaper D-2	•	.	-				- :	s -			. .	_		.	-	-		
	Prospective Percod	Apr-CO to	14-09	6-2, Sub 151 Wortpaper D-2	•	57.1.	2 -			-	-	-	-			•			-	-		
	Lass. Pro: Prospective Per	Apr-Oil to	M-08	E-2, Sub 831 Compliance Exhibit 2 (Pages 1 & 2)								-			٠.			-			-	
	Hel Recovered							•	•		•		•	•		-			•	•		-
Bub 877	Test Percol	Apr-09 10		E-2, Sub 977 Workpuper D-3	-	6 57.0		- :			- :	•	-		\$ -	-			-	-		
	Prospective Person	Apr-10 10		E-2, 840 977 Weripuper D-3	-	57.0		180,87	57,05	10,310.39	•	-		•	•	-	•	-	-	180.57	57.05	10,318.3
	Lass. Pro: Prospective Pe Not Recovered	4p-09 10	110	6-2, Sub 951 Westpaper D-2		57.1			•			-			<u>.</u>	<u>-</u>	<u> </u>	-	<u> </u>		-	
	Hall Hacover Hall				•		•	180.67		10,316.39	•			-		-	-		•	180,57		10,318.3
Vintage Am	ouris Swi Sub 977				•		-	180.87		10,318.39	-	-								180.57		10,318.3
Sub 1002	Test Peroxi	Apr-10 to	Mar-11	Sum of Visions (Apr-10 thru Min-11)	•	F 54.2		2,070,36	56.M5	117,792,86	123,01	\$ 50.05	5,993.29	-	1 56,85			\$ 50,00		2,193,37	£ 56.86	124,696,1
	Prospection Period	April 10	#4-11	Sum of Vision (Apr-11 thru Air-11)	-	56.3	и -	1,147.32	56.34	64,636.07	551,30	56,34	31,052,50		55,34	-		56.34		1,695.52	54.34	95,680.5
	Less Pros Prospective Pa	Appr-10 to	24.10	E-2, Sub 977 Workpaper D-3	·	57.a	6 -	100.67	57.05	10,310.39							-	-		180.87	57.06	10,318.3
	Hel Recoveres				•		•	3,036,61		172,620.57	824.21		306.79	-		•	-	-		3,711.02		210,098.3
Vintege Arr	ounts Peru Sub 1002			·	•		-	3,217.68		102,338,95	574 21		34,045,79	•		•	-			3,891.89		220,364.7
Sub 1019	Test Percet	Apr-11 k	Mer-12	Sum of Value (Apr-1) thru Mm-12)	÷	\$ 56,3	B -	4,189,55	56.38	235,079.84	3,365.30	F 56.38	189,731.09	157.75	F 56.30	8,093.55	•	\$ 59.35		7,6902.70	\$ 66,30	433,754,47
	Prospective Percod	Apr-12 le	44-12	Sum of Value (Apr12 thru Am-12)		56,3		1,304.27	56.34	73,484,15	1,537,70	50.34	8608.7S	724.00	56.34	40,840.73		56,34		3,568.66	55,34	200,980,6
	Lass Phor Frospeciave Pe	r Apr-11 le	34-11	E-2, But 1002 Workpaper W.P D-2e	. <u> </u>	56.3	н -	1,147.32	56.34	84,636.07	551.30	56.34	31,062.50		58.34			56.34		1,598.52	55.34	95,688.5
	Nei Recoveres				-		-	4,125.51		243,927.93	4,351,80		26,314.34	662.63		49,734,27	-		•	9,561,03		520,976.54
Virtege An	ouris thru Sub 1018 -				•		•	7,544.29		426.265.88	5,024.01		265,300.13	862.63		49,734,27	-		-	13,452,92		758,361,29
Bub 1019	Rate Percel Forecast	Dec-12 k	Nov-13	Sum of Values (Dec-12 thru Nov-13)		56.2	9 -	2,960.D1	56.29	161,453.39	4,618.34	54.29	259.967.23	5,186,44	56.29	291,998,89	2.337.42			15 010 21		713 409 31

			nas, inc. any Eficant	Programa (MWH): Repute	ntel Benchmerking Progra	-														
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į	POSE!	Addign sales	Resperable	Valleys SVICE Parcerson					Recoverable Recove					Recovered Overally		in Recovered Cver(Und				
<u>.</u>	MACH	Acceptant	LOSSING	Additions Louises	Additors Lowers	Address Louis	Actilizary Losses	Factor (NC)		I Paraway		nt I Recovery		Lones E Pace	nery Lorenz	Losses I Recover	<u>, iam ia</u>	s I Recovery	Lores t	OMERS E PROCESSOR
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Mar-03 ~	•	•	•		·			₩ 84.81%	-		<u> </u>		<u> </u>	•	<u> </u>		<u> </u>			<u></u>
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A4-09 ++	<u> </u>				· · ·		· · · ·	85.00%			<u>-</u>	·	i-	:_	<u>:</u>		<u>_</u>	<u></u>	·	
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					Vinta	p 2008 Rans	Person	Virte	2010 Rec		VHL	age 2011 Race	-	Veta	ga 2012 Rac	Overheld.	Vring	2012 Reco	-	Z Recov	ered Het Lost R	*****
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Bub 931	Test Period	Sep-07 to	Mer-OL	F-2. Sub 901 Correlance Exhibit 2 (Pages 1 & 2)	_		_	_ 1				s -		_	. .		- 1			_	.	-
- Table 337	Prospective Person	Agr-08 (c		5-2. Sub 831 Completone Exhibit 2 (Pages 1 & 2)	•	•			_			-	_		٠.						٠.	
	Transporter Propositive Pr			Percel Not Applicable to Area/46	•					ì						_		_	_			
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	Lets Pror Prospectate Pr	M ACT-COS 1	30-08	E-2, Sub 931 Complexos Estrick 2 (Pages 1 & 2)			<u></u>	<u> </u>		<u>·</u>			<u></u> -	$ \div$	-	 -				<u>-</u>	<u> </u>	_ <u>-</u> -
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\$40 E77		Apr-10 k		6-2, Sub 977 Workpast 0-3	-	57,06			57.06			•	-		•	-			-		57.05	
	Prospective Period			6-2, Sub 901 Workpaper D-2	•	57.12			51.00			-	-	-	-		•	-	•	-		
	Less Prix Prospective P	e Apr-09 k	14-06	E-2, Sub 901 Workpaper D-2		57,12		:	<u>-</u> -			•	<u>-</u> -		•		 -				•	
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\$ub 1007	facil Porcei	Apr-10 1	Mar-11	Sum of Values (Apr-10 thru Her-11)		S 54.65	-	-	56.85			\$ 56.65			\$ 56.85		- :		•	-	\$ 56.86	
	Prospective Period	Apr-11 1	3411	Sum of Values (Apr-11 thru Jun-11)	-	9.34	-	*	55.34	-	1,038.00	56.34	57,918,54	-	56.34	-	-	56.34	-	1,028,08	56,34	57,918.54
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	Hat Recoverss				•		-	•		-	1,020,00		57,918,54	-		-	•		-	1,028.08		57,910.54
Vintege An	spards Pary Sub 1002				-		-	-		-	1,028.08		57. 9 18.54	-		•	-		-	1,024.04		97,918.54
Suit 1019	Test Percol	Apr-11 1	o Mar-12	Sum of Values (Apr-11 thru Mar-12)		5 54.39	-		56.30		8,856.48	\$ 56.30	468,318.70	(27.4P)	s 56.36	(1,560.04)	- 1	56.36	-	6,628.01	1 54.39	47,754.00
	Prospective Period	Apr-12 I	M-12	Sum of Values (Apr-12 thru Jun-12)	-	56.34	-	-	55,34		2,961,13	56,34	165,623,86	(22.10)	56.34	(1,244.94)		25.34		2,939,54	56.34	165,500.91
	Lees Prior Prospecture P	n Ag-11 €	A4-11	E-2, Sub 1002 Workpaper W/P D-21		56,34	-	-	55.34		1,028.00	56.34	57,518.54		56.34	_		56.34		1,028.08	55,34	57,010.54
	Hel Recovered	••••			-			-		-	10,789.53		600,732.02	(49.77)		(2,854.98)	-		-	10,739,76		605,427,04
Vinlage An	nounts theu Sub 1019										11,817.62		666,150.56	(49.77)		(2,804,98)				11,767.65		927.345.58
- Eud-1019	Rate Pened Forecast	Dep-12	D NO+13	Sum of Visites (Dec-12 thru Hor-13)	-	56.29		_	56.28			56.29			56.79					_		

Accident (APP 0-4)	V	pe - 2009	Ulatara 2010																					
-09 -		of Parameters	Vintage - 2010 Vintage IMM Recoverable	Virtage - 2011		Vintage - 2013	_			- 2000 Photos		•	2010 place :			2011 (Marts C			2012 (New De Consideration		Planth Combine		iğin (Hinth C	
OD →	H Addition		Additions Library	Additions Loss		AddRess Locate	•	Allocation Factor (NC)	Recoverable Lastes	Recovered Lasses	Over/(Under) 1 Recovery	Ranoverable Longes	Recovered Losses	Over(Under) I Recovery	Recoverable Lomes	Pacagreed Losses	Over(Under) Σ Resovery	Aucoveración Losson	Recovered Over (Under) Losses E Recovery		overed Over(Under) mas I Recovery	Recoverable Lesses	Recovered Lotters	Over/(Under) E Recovery
				-	· · · <u>· · · · · · · · · · · · · · · · </u>	<u> </u>	- 15	84.81%	•	٠	•	•	-			•		•		•		-		
		 -		.	: : - :	- 	- [84,81% 84,81%	-		:	:	- :	:	:	:	:	:		:		:	:	:
	6.41 795.		• • •				_	84.81%	54,10	-	(54,10)	-	-	-	-	-	·			-		54,10	-	(54.10)
	0,85 <u>9</u> 30,			.		- 	- "	85,08%	120,24 174,48	-	(174.33)	•	-	•	•	•	•	•	• •	•	•	120.24	•	(174,33)
2,33			- : :			- :- :	- -	85.08% 85.08%	340.05	342,92	(345.81) (345.95)	:	:	:	-		:	:	: :	:	: :	174.48 340.06	342.52	(346.81) (345.96)
OS at 1,36						<u> </u>		85.06%	430.19	· <u>-</u> -	(784.14)						-					436.19		(784.14)
OF = 2.51				 -		 : :	-1-1	85.05% 85.05%	616.71 821.25	•	(1,400.84) (2,222.09)	•	•	•	*	-	-	-		•		615.71	-	(1,400 04)
	0.93 590		- :				- E	85.08%	853,14	-	(3.085.23)				· ·	ì	:	- :		:	: :	621.25 653.14	:	(2,222.06) (3,005.20)
	4.02 214.				<u> </u>	· · ·	_ 2	85,05%	878.31	-	(1,96159)		-		-	-	•	•		-	• -	87L31	-	(3.983.54)
10 at 9,12		1,002,57	9.122.4 790.20 3.6900 1.067.70		 	 : :	-[-]	85.05% 85.05%	878.31 878.31	-	(4.841.94) (5,720.15)	646.63 938.18		(1,554.01) (1, 554.01)		:	-	-	: :	:	: :	1,524.93 1,786.49	:	(5,481,47) (7,274,99)
1,85	a.17	1,032.57	1,853.2 1,222.13			-		85.08%	878.3 1	8,900.40	301.95	1,039.54	1,364.04				<u> </u>				<u> </u>	1,917.65	8,264 44	(920.37)
5 an 1,36	4.18 -	1,032.57	1,384.2 1,337.46 1,720.9 1,480.86	-		- : :	-14	85.05% 85.41%	878.31 861.82	•	(574.36)	1,137.66	•	(2,367,56)		•	•	•		-		2.015.97	-	(2,344,34)
10 ~ 1,72 0 a 2,65	3.71 -	1,032.57	2,683,7 1,704,59		<u> </u>	 :	-	85,41%	801.92		(1,458.28) (2,340.21)	1,284.62 1,456.84		(3,632,60) (5,038,63)		:	•	•		-	: :	2,146,74 2,337,76	:	(5,091,00) (7,428,84)
) ai 3[41	1,49	1,032.57	3,411,5 1,988.02			-		85.41%	861.82	3,536.96	313.84	1,698.65	4,009.63	(2,777.45)		:_	:		:_	<u> </u>	<u> </u>	2,500.57	7,545.79	(2,483.62)
10 at 3,40 10 at 3,17	E.40 -	1,032,57	3,405.4 2,272.65 3,172.0 2,537.10		· , · · ·	<u> </u>	_	85,41% 85,41%	M1,92 861,82		(569.09) (1,450.01)	1,941.24 2,167.01		(4,718.70) (8,886.71)			<u>-</u>					2,823.16	·	(5,286,78)
0 1 223		1,032.57	2,239.0 2,723.70			- :	- 15	85,41%	881,82	:	(2,331,93)	2,328.37	:	(9,212.07)			-		: :	-	: :	3,045.93 3,205.29		(0,335.71) (11,544.00)
10 aı 8	6.39 -	1,032,57	65.3 2,729.21				_ B	85.41%	垂1型	-	(3,213.65)	2,331.02	-	(11,541,08)		-	÷	-		•		3,212.54		(14.756.94)
	7.50 -	1,022.57	7.7 2,729.65			 · · · ·	_ 3	85.41% 15.41%	墨(敦	•	(4,005.77)	2,331.56	•	(13,874 05)						-	-	3,213.49	•	(17,970.43)
11 av 4,60		1,032.57	- 2,729.65 - 2,729.66		152	:	- 1	85.41% 85.41%	勢(紀 美)型	-	(4.977. 66) (5.658.62)	2,331.56 2,331.56	·	(16.205.22) (18,537.70)	218.42 552.19		(218.42) (770.61)		: :	-	: :	3,431,90 3,785,60	-	(21,402,33) (25,186,01)
11 - 4,43	M,36 -	1,000,57	2,729,66	4,434,4 1,010		<u> </u>		85,41%	鐵線	4,158,64	1,415.10	2,331.56	17,215.50		857.81	1,636.47	0.05					4,081.29	27,010,61	[2,238.66]
5,47 ستا1 11 سا550		1,032.57	- 2,729.65 - 2,729.65	5,473.6 1,47 1,531.6 1,59			-1:1	#5.41% #52.2%	861.82 863.16	•	533,18	2,331,56	•	(5,985.41)	1,257.39	•	(1,257,34)	•	-		• •	4,470,86	-	(6,700.57)
11 1 3.5		1,032.57	272966			 :	-	86.57%	853,16		(349.96) (1.233.14)	2,334.64 2,334.64	. :	(A, 320.25) (10,656.08)	1,368.33 1,623.86		(4,240,52) (4,240,52)		- :		: :	4,586,33 4,841,85	-	(11.295.88) (18,137.75)
1 + 230	442 -	1,000,57	2,729.65	2,334.4 2,09	Lii		-lL	85.53%	863,16	1,655.21	1,748.90	2,334,84	9,336,00	(3,653,64)	1,790.24	6,000,00	59.13			<u> </u>		5,008.24	19,300,18	(1,645,01)
11 4 2,53		1,032.57	- 2,729.65 - 2,739.85			 · · · ·	-i ::1	16.53W	881.16	•	86.74	2,334.64	•	(5,900.60)	1,971,00	•	(1,911.44)	-				5,189.00	·	(7,004.81)
1 w 4,79		1,032.57	- 2,729.85			:	- 5	85.53% 86.53%	853,16 863,16	-	(17.42) (900.54)	2334.64	:	(8,323,52) (10,658,36)	2,312.66 2,536.53	-	(4,224.73) (6,761.26)	- :	- :	-	: :	5,530,66 5,754,53		(12,545,67) (18,320,20)
11 4 3,70		1,032,57	2,729.86	3,709.9 3,27	.82		3	85.53%	MI 16	-	(1.783.74)	2,334.64		(12,992.20)	2,400.95	-	(9,562,21)	-		-		6,018.95		(24,339.15)
11 0 2,10		1,032,57	- 2,729.86	2,103.3 3,45			_ 3	85.53% 85.53%	MC3.16 MC3.16	-	(2,666.90)	2,334.64	•	(15,328,04)	2,950.85	-	(12,513.07)					6,1 68,6 6	-	(30,500.01)
12 مت 5.16 12 مت 3.16		1,032.57	2,729.85				-[1]	85.53%	883.16		(3,550.06) (4,430.22)	2,334.64 2,334.64	:	(17,662.66) (19,987.72)	2,950.86 2,950.86	:	(15,453.93) (18,414.60)	368,49 594,13	- (565.45 - (562.62			6,537,35 6,762,99		(17,045,35) (43,008,35)
12 🗭 2,90	×,74 -	1,032.57	2,729.85					55.53%	883,16	5,318,38	-	2,334,64	22,332.59		2,950,86	21,365.66	1	601,16	1,763.79	<u> </u>	<u> </u>	6,970.02	50,778.37	1
12 - 3.70		908.79	2,729 86				251	85.53%	128.61		(628.61)	2,334.84	-	(2,334.64)	2,950.86	•	(2,950.80)	1,068,51	- (1,000,51			7,183.82		(7,143.12)
12 = 3,79 12 = 3,78		601 22 627.45	- 2,729.86 - 2,729.85				- -	65.674 65.574	765.74 710.94		(1,594,34) (2,305,28)	2,345.40 2,345.40	Ė	(4,660,33) (7,025,81)	2,964 32 2,964 32	-	(5,915.1 3) (0,679.43)	1,343,56 1,813,54	- (2,413.47 - (4,027.01			7,419,50 7,534,28		(14,603.32) (22,217,60)
2 - 376		632.79	- 2,729.85				14	65.52%	643,70	2,848,98		2345 48	9,371,30		2,964.32	15,843.81		1,863,11	5,910.12	, :	: :	7,736.61	23,974,21	(22,231,00)
12 - 3,78		51742	2,729.85				_	85.92%												···	·		·	
12 = 3,79 12 = 3,79		307.96 67.01	- 2,729.66 - 2,729.66				_	85.574 85.574			-	:	:		- :	-	:		: :	-	•	•	-	•
12 + 379		17. A 3	- 1,721.85	. 16	109 <u>1</u> 7850 14417			#5.92%	-	-	-	-	-		•	-							·	:
2 - 370			- 2,729.85 - 1,900,65				- 6	85,92% 85,92%	-	-	-	2,345.49		•	2,964.32	-	-	1203				0,540.78	•	-
13 p= 4,18 13 p= 4,18		: -	- 1,662.15					65.92%	:	:	-	1,662.32 1.428.12	:		2,954,32 2,964,32	:	•	3,730,98 3,230,98	: :	299.05 500.29	1	0,187 <i>7</i> 7 0,222.71	-	
3 - 4,12			1,507.72	. 3,46		4,165.0 1,046.2		85,92%	•	-	-	1,235,43			2,964.32			3,230.90		868,94	1 1	6,309.67	-	
3 1 418			1,392,37					85,92%	-	-	-	1,195.33	-		2,964,32	•	-	3,230.98		1,198.55		8,990.21		-
3 m. 4,18 3 m. 4,18		<u>-</u>	- 1,248,97 - 1,025,32					86.92% 85.92%	-			1,073.11 880,95	:		2,964.32 2,864.32	:	-	3,230,98 3,230,98	. : :	1,408.23 1,797.84		8,766,64 8,874,13	•	•
₽ 4.18			- 741.03					85.92%	-	-	-	636,70	-	-	2,964.32		-	3,230.90		2,087,52	: :	5,929.51	:	
4,18			• •67.00					85,92%	-	-	-	372.65		•	2,964,32		-	3,230.98		2,397,17		5,985,12	-	
<u> </u>		-	- 192 85 - 8,08					85.974 85.974		-	-	165.54 5.20	•		2,964.32 2,964.32		•	3,230,98 3,230,98		2,606.81 2,806.45		9,057,65 9,195,98		•
3 = 4,18			- 0.64					85.92%		-	· ·	0.55			2,954.32		-	1,200.90		3,226,11	: :	9,190.98 9,481,95	:	
su 418	6.00 -		• •	- 145					-	-	-	•	-	•		-	-	•				•	-	
<u> 4.41</u> ■ 4.41		<u> </u>		- 3,19					-	•	•	•	•	•	-	•	•		•	-	. •	•	-	•
4,41		-		- 243					•	-	-	-	-			:				-			:	:
4.4				- 1,97					-	-			-				-	-				-	-	
n 441		<u> </u>	<u> </u>	- 1,85 - 1,55					-	-	-	•	-	•	•		•	•		•		•	•	
_ w 441				- 1,06					- :	-		-	:	:	:	:	•			-			-	•
4 🕳 4,41	7.00 -			- 1,14					-	-	-	-	-	•	-		-			-			-	
14 m. 441	7,00 -				5.94 - 3,760.45 (43 - 3,780.45	5 - 4,185,0 5 - 4,185,0			-	-	•	•	-	•	•		•	-	-	-	• •	-	-	•
4 5 4,41	7.00				5.27 • 3,780.4		_			-			:			:	:			:	: :		:	-
4 - 4.41	7.00 -		<u> </u>		- 3,780.4	4,185.0			-	-	-						-	-						
5 - 4,66		-		·	- 3,329,60 - 3,086,8				•	-		•	-	•	-	-	•	•		-			-	•
			· ·	.	3,085,8 2,623,71				:			:	- :					:		:			•	-
	7,00 -	· · · -	·	-	2,510,0	4,185,0	0		-	-		-	-			-			. :	•		-	÷	:
15 № 4,66 15 № 4,66					2,196.2				-	-		-	•		•	-		-		•	-	-	-	-
5 4,66 5 4,66 15 4,66				-	1,652.54	4,186.0			-		:		•		•		•	-	- •			-		-
15 ~ 4,66 15 ~ 4,66 15 ~ 4,66 15 ~ 4,66	7.00 -				- 1,501,71	4 1850	Q.		-									-		_		_		
5 ~ 4,66 5 ~ 4,66 15 ~ 4,66 5 ~ 4,66 5 ~ 4,66 5 ~ 4,66	700 - 700 -				- 12560	4,185.0	0		•	-	-	•			-	-		-		:	: :			:
15 ~ 4,95 5 ~ 4,95 15 ~ 4,95 5 ~ 4,95 5 ~ 4,95 5 ~ 4,95 15 ~ 4,95 15 ~ 4,95	700 700 700	- :		: :	- 1250 - 902	0 - 4,185.0 5 - 4,185.0	0		:			•	÷	:	-	-	:	:		:	: :	:	:	•
5 10 4,95 5 10 4,96 5 10 4,96 5 10 4,96 5 10 4,96 5 10 4,96 5 10 4,96 5 10 4,96 5 10 4,96 5 10 4,96 5 10 4,96	7.00 - 7.00 - 7.00 -			- :	- 1250 - 9412 - 075	0 - 4,185.0 5 - 4,185.0 1 - 4,185.0	0			:	:			•			-	:		•			:	:
15 4.66 15 4.66 15 4.66 15 4.66 15 4.66 15 4.66 15 4.66 15 4.66 15 4.66 15 4.66 15 4.66 15 4.66 15 4.66 15 4.66 15 4.66	7.00 - 7.00 - 7.00 - 7.00 - 7.00 -				- 1250 - 902	0 - 4,185.0 5 - 4,185.0 1 - 4,185.0	0 0	_	•		- - - -	-				- - - -	· •	: :	· · · · · · · · · · · · · · · · · · ·	· · ·				

CIG Energy Efficiency Program

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					Virtag	2009 Rano	-	Virtiga	2010 Res	overed	Vitage	2011 Parce	weret.	Writing	e 2012 Reco	MORE	Ves	ago 2012 Res	operate.	£ Reco	vered Net Log	Reverue
		Start Date	End Cate	Bourse December for Recovered Lost SWHs .	UNH UNH	Rate	Recovery	LIMH	₹	Recovery	- 1994	Rate	Recovery	MMH	R=	Receivery	MMH	Rada	Receivery	SAMI	Rate	Recovery
Sub 131	Test Percod	Sep-07 I	Var-OS	5-7, Sub 101 Complance Extrate 2 Proper 1 & 2)	- 5			- 1			- 1											
	Proceeding Percet	Apr-Oli 1	3408	E-2, Sub 901 Complemes Exhibit 2 (Prepri 1 & 2)									_		_						•	
	Lass Pror Prospection P			Period Hot Applicable to Arestone		_					_		_	-	_	-					:	-
	Not Recovered			······································						.							_ <u>:</u>		<u>_</u>		<u>—</u> -	
\$ub 851	Test Person	Apr-08 (Mer-50	E-2, \$ub 951 Workpaper (I-2	- 1	_		- 1		_	. 1	_	-				_			-	٠.	
	Protoective Period	Acr-08 (a autom	F-2. Sub 951 Workpoor D-2	342.92	45.60	15,637,19													342.92	•	15,637,19
	Last, Prior Prospective P	a Acr-08 I	a aire	6-2, Sub 901 Complemes Exhibit 2 (Pages 1 & 2)								-	_									13,637,13
	Nel Recoveres				342.92		15,637,19												—— <u> </u>	142.92	<u> </u>	15 637 19
Bul	Test Percol	Apr-09 1	o Mar-10	6-2, \$ub 977 Workpaper D-3	7,243,32 1	45.63	390,502.96	1,364.04 \$	45.53	62,239.05	- 1		-	- 1			-	s .		0,607.36	\$ 57.00	362,742.00
	Prospective Period	Apr-10 (a 3410	6-2, Sub 977 Workpaper 0-3	3,536,96	45,83	161,341.11	4,009.83	45.63	182,982.81	-		-	-	-					7,545.79	57.05	344.304.02
	(am: Prox Prospectors P	m Apx-09 1	140	G-2, Bub 951 Workpaper D-2	\$42.92	45.63	15,637,19		45.53		-		-			-		-	-	342.92	-	15 537,19
	Hel Recoveries				10,436,37		476,206.67	5,373,86		245,301,67	-		-			-	-		-	15,810,23		721,408,83
Vinlage An	ounts thru Sub 877				10,779:29		491,844 06	5,373.66		245,201,97	-	-								16,153.15		737.046.02
Sab 1002	Ted Perod	Apr-10 8	p. Magr-11	Sum of Values (Apr-10 Bru Mar-11)	11,692.60	45.42	531,053.36	21.225.30 \$	45.42	84,000,64	1,638.47 \$	45.42	74,415.90		46.42	-	-	\$ 46.0		34,568.40	1 647	1,549,479,93
	Prospense Perod	Apr-11 k	# Jal-11	Sum of Values (Apr-11 thru Jun-11)	3,005.21	44 77	173,027.83	9,336,09	4477	417,834.67	6,098.80	44.77	273,019.36		44,77	-		44,77		19,300,18	44.77	863,981.86
	Lass. Prox Prospectase P	Apr-10 I	14-10	6-2, Sub 977 Workpaper D-3	1,526,96	45.63	161,341,11	4009 ED	45,63	182,962,91		45,63								7,545,79	\$7.06	344,304.00
	Not Recovered				12,021,05		542,740.08	251,59		1,198,981.40	7,737.36		347,435.29	-		: -	-			46,310,79		2,099,196,77
Vintege An	merst thru Sub 1002			,	22,ACH.13		1,854 584.14	31,925.45		1,444,183.36	7,737.36		347,436.29	-			-			62,45394		2,828,202.79
Eub 1018	Test Perod	Apr-11	o Mar-12	Sum of Values (April 11 thru Mar-12)	9,181.59	45.31	410,064,58	31,666.65 \$	45.31	1,45,000,68	27,464.54 \$	45,31	1,241,520,39	1,783.79 8	45.31	75,923.63	_	\$ 45.31		70,070.55	£ 45,31	3,175,540,49
	Prospective Parior	Apr-12 1	D 44-12	Sum of Value (Apr. 12 thru Jun. 12)	2,840.98	45.28	120,991,97	0,371.30	45.20	424 230 53	11,043.61	45.28	536,245.55	5,810,12	46.28	257,586.81		45.20	٠.	29.574.21	6.7	
	Lass: Poor Prospectars P	= Apr-11 1	D 34-11	E-2, 8ub 1002 Workpaper W.P D-2h	3,885.21	44,77	173,027,63	9.335.00	44,77	417.934 57	6,098.88	44.77	273,019 36		44.77			44.77		19,300,18	44.77	
	Het Racoveress				8,105.36		37201672	31,703,66		1,441,398,95	33,208.46		1,507,755.54	7,673.50		347,513.64	-			60,752,58		1,600,606.00
Virtage An	neuris thru Sub 1018				30,966.50		1,406,602,85	63,529.31		2,885,582,32	40,946,82		1,855,190.87	7,673.90		347,513,64				143,216.53		0,494,889.58
Bub 1019	Rate Period Forecast	Dec-12	a Nov-13	Sum of Values (Dec-12 tru Hov-12)	-	45,23		11,112.42	45.23	502,613.95	36,571.79	45.23	1,608,909.06	36,771,77	45.23	1.753,643.68	19 775.64		-	105,232,62		3,065,166,68

SACE 1st Response to Staff 010380

W/P D-2g Page 2 of 2

Energy Efficiency Program Impact Estimates at the Meter

		NES P	rogram			Home A	dvantage		I	HEIP Pro	peram		Residen	tial New Co	nstruction P	rogram
	MWH	Σ MWH	kW	ΣkW	MWH	IMWH	kW	ΣkW	MWH	IMWH	kW	ΣkW	MWH	Σ MWH	kW	ΣkW
Jan-09		-	•	-	40.0	40.0	13.0	13.0	-	-	•	-		-	-	-
Feb-09 Mar-09	ŀ	•	•	•	23.3 41.4	63.3 104.7	7,5 14.0	20.5		-	•		· ·	-	-	•
Apr-09					44.0	148.7	14.9	34.5 49.4	4.3	4.3	4.1	4.1	1 :	-	-	:
May-09		-	•	-	38.2	186.9	12.5	61.9	76.6	81.0	73.6	77,7				
Jun-09		-		-	60.9	247.8	19.3	81.1	87.3	158.2	82.5	160.2				
Jul-09		-	-	•	31.7	279.5	11.0	92.2	211.2	379.4	202.9	363.2	-		-	.
Aug-09		-	•	-	42.5	322.0	14.4	106.5	275.1	654.5	259.8	623.0		•	-	-
Sep-09	125.2	125.2	10.3	-	61.1	383.1	19.4	126.0	299.1	953.5	283.1	906.1	٠ .	-	-	· [
Oct-09 Nov-09	125.3 422.2	125.3 547.5	19.3 65.1	19.3 84.4	21.0 120.7	404.2 524.9	6.7 37.8	132.7 170.4	390.7 285.0	1,344.2 1,629.3	363.0 263.9	1,269.1 1,533.0	:	-	-	
Dec-09	30.6	578.1	4.6	89.0	77.5		114072133		67.9			1,596.5	Present and the second		TITLE S OON	
Jan-10	259.8	838.0	40.1	129.1	82.2	624.6	28.3	220.0	830.4	2,527.6	781.2	2,377.7	-	•	-	
Feb-10	292.3	1,130.3	45.1	174.2	68.4	752.9	22.6	242.6	356.9	2,884.5	323.4	2,701.1	-	-	-	. 1
Mar-10	271.9	1,402.2	42.0	216.2	71.4	824.3	23.4	265.9	467.6	3,352.1	438.4	3,139.5	-	•		-
Apr-10 May-10	314.6 242.2	1,716.8 1,959.0	47.8 37.4	264.0 301.4	93.0 313.3	917.3 1,230.7	30.2 102.7	296.1 398.9	670.0	4,022.1	652.3	3,791.8	· ·	•	•	-
Jun-10	362.8	2,321.9	56.0	357.4	144.3	1,230.7	47.1	445.9	589.8 693.2	4,611.9 5,305.1	585.3 695.1	4,377.1 5,072.1	:	-	-	:]
Jul-10	405.5	2,727.4	62.6	419.9	247.8	1,622.8	#0.1	526.0	571.8	5,876.9	565.3	5,637.4				
Aug-10	405.5	3,132.9	62.7	482.7	145.2	1,768.0	48.1	574,1	520.3	6,397.2	520.6	6,158.0	-			.
Sep-10	455.6	3,588.6	70.6	553.3	191.7	1,959.7	63.4	637.5	418.1	6,815.3	412,3	6,570.4	_			- 1
Oct-10	1	4,016.4	66.0	619.3	237.2	2,196.9	77.4	714.9	445.6	7,260.9	430.9	7,001.2	-	-	-	.
Nov-10	461.2 384.2	4,477.6 4,861.8	71.2 58.7	690.5 749.2	201.7	2,398.6	66.4 17.5	781.3 798.8	256.9	7,517.7	246.8	7,248.1	******	 .		
Dec-10 Jan-11	299.7	5,161.5	46.3	795.5	673.3	2,488.1 3,161.3	235.5	1,034.3	1,982.6	7,728.0 9,710.7	105.7 1,446.6	7,353.8 8,800.4	st.dri+1		<u> </u>	$-$: \vdash
Feb-11	401.8	5,563.4	62.0	857.5	320.9	3,482.2	114.0	1,148.3	1,177.0	10,887.7	#23.6	9,624.0			-	:
Mar-11	432.4	5,995.8	66.7	924.2	286.2	3,768.4	97.1	1,245.4	660.8	11,548.4	466.9	10,090.9		-	-	-
Apr-11	405.5	6,401.4	62.6	986.8	186.6	3,955.0	65.6	1,311.0	(1,418.2)	10,130.2	(425.2)	9,665.8	-	-	-	-
May-11	393.5	6,794.8	60.7	1,047.5	500.4	4,455.3	176.0	1,489.0	357.9	10,488.1	331.7	9,997.4		-	-	·
Jun-11 hd-11	455.6	7,250.5	69.8 57.0	1,117.3	221.5	4,676.9	77.8	1,566.8	662.1	11,150.2	650.0	10,647.5		•	-	.
Jul-11 Aug-11	374.9 395.3	7,625.4 8,020.7	57.9 61.0	1,175.1 1,236.1	147.1 751.3	4,823.9 • 5,575.2	50.8 258.5	1,617.5 1,876.1	551.5 404.4	11,701.6 12,106.1	550.0 410.5	11,197.4 11,607.9	:		-	: 1
5ep-11	392.5	8,413.3	60.3	1,296.5	366.2	5,941.4	127.8	2,003.8	159.4	12,265.5	150.6	11,758.5			-	- 1
Oct-11	380.5	8,793.7	58.6	1,355.1	203.2	6,145.1	69.4	2,073.2	433.4	12,698.9	412.8	12,171.3				.
Nov-11	377.7	9,171.4	58.2	1,413.3	(262.3)	5,882.8	97.2	2,170.4	567.4	13,266.2	511.8	12,683.0		<u> </u>		
Dec-11	254,3		39.2	1,452.5	359.3		- (159.4)	2,011.0		13,730.4	413.3	13,096.4	DNIDA - F	* •	.a	
Jan-12 Feb-12	319.2 291.4	9,744.9 10,036.3	49.2 44.9	1,501.7 1,546.6	502.0 867.2	6,744.2 7,611.4	160.7 280.9	2,171.7 2,452.6	324.8 261.1	14,055.2 14,316.3	302.9 237.4	13,399.3 13,636.7		•	-	:
Mar-12	404.6	10,440.9	62.4	1,609.1	183.6	7,795.0	58.2	2,510.8	383.0	14,699.4	332.8	13,969.5				
Apr-12	334.1	10,775.0	50.4	1,659.5	99.0	7,894.0	31.9	2,542.6	117.5	14,816.8	116.5	14,086.1				.
May-12	350.8	11,125.8	52.9	1,712.4	66.0	7,960.0	21.2	2,563.9	301.1	15,117.9	220.9	14,307.0			-	.
Jun-12	367.5	11,493.3	55.4	1,767.8	33.0	7,993.0	10.6	2,574.5	616.1	15,734.0	567.9	14,874.8	432.5	432.5	0.2	0.2
Jul-12	334.1	11,827.4	50.4	1,818.2	33.0	8,026.0	10.6	2,585.1	421.2	16,155.2	362.0	15,236.8	432.5	\$ 65.0	0.2	0.3
Aug-12	384.2 350.8	12,211.6	58.0 52.9	1,876.2	33.0 33.0	8,059.0	10.6	2,595.8	470.5 404.8	16,625.7	422.8 352.0	15,659.6	432.5 432.5	1,297.5	0.2	0.5 0.7
Sep-12 Oct-12	350.8	12,562.3 12,913.1	52.9	1,929.1 1,982.0	26.4	8,092.0 8,118.3	10.6 8.5	2,606.4 2,614.9	336.9	17,030.5 17,367.4	280.5	16,011.6 16,292.2	432.5	1,729.9 2,162.4	0.2 0.2	0.8
Nov-12	334.1	13,247.2	50.4	2,032.4	19.8	8,138.1	6.4	2,621.3	279.7	17,647.0	217.9	16,510.0	432.5	2,594.9	0.2	1.0
Dec-12	317.4	13,564.6	G15111 47.9	2,080.3	19.8	8,157.9	6.4	2,627.6	183.0	a 17,830.0	125.1	16,635.1	432.5	3,027.4	0.2	1.2
Jan-13	334.1	13,898.7	50.4	2,130.7	-	8,157.9	•	2,627.6	704.6	18,534.7	632.2	17,267.3	432.5	3,459.9	0.2	1.3
Feb-13	334.1	14,232.7 14,616.9	50.4	2,181.1	-	8,157.9	-	2,627.6	851.6 403.5	19,386.3 19,789.8	752.1	18,019.3	432.5	3,892,4	0.2	1.5
Mar-13 Apr-13	384,2 334,1	14,616.9	58,0 50,4	2,239.1 2,289.5		8,157.9 8,157.9	-	2,627.6 2,627.6	403.5 233.1	20,022.9	307.9 146.2	18,327.3 18,473.5	432.5 432.5	4,324.9 4,757,3	0.2 0.2	1.6
May-13	350.2	15,301.8	52.9	2,342.4		8,157.9		2,627.6	331.2	20,354.1	243.0	18,716.5	432.5	5,189.8	0.2	2.0
Jun-13	367.5	15,669.3	55.4	2,397.8	-	8,157.9		2,627.6	677.8	21,031.8	624.7	19,341.1	517.4	5,707.2	0.2	2.2
Jul-13	334.1	16,003.4	50.4	2,448.2	-	8,157.9	-	2,627.6	463.3	21,495.1	398.2	19,739.3	517.4	6,224.6	0.2	2.4
Aug-13	384.2	16,387.6	5#.0	2,506.2	-	8,157.9	-	2,627.6	517.6	22,012.6	465.1	20,204.3	517.4	6,741.9	0.2	2.6
Sep-13	350.8 350.8	16,738.3 17,089.1	52.9 52.9	2,559.1	Ť	8,157.9 8,157.9	-	2,627.6 2,627.6	445.2 370.6	22,457.9 22,828.5	387.2 308.6	20,591.6 20,900.2	517.4 517.4	7,259.3 7,776.6	0.2 0.2	2.8 3.0
Oct-13 Nov-13	350.8 334.1	17,089.1	52.9 50.4	2,612.0 2,662.4		8,157.9	-	2,627.6	307.6	23,136.1	239.7	21,139.8	517.4	8,294.0	0.2	3.2
Dec-13	317.4			2,710.3			# 12 TO 12 T			19,337.4	137,6	21,277.4	517.4		0.2	3.4
Jan-14	334.1	18,074.7	50.4	2,760.7	-	8,157.9	-	2,627.6	775.1	24,112.5	695.4	21,972.8	517.4	9,328.7	0.2	3.5
Feb-14	334.1	18,408.7	50.4	2,811.1	-	8,157.9	-	2,627.6	936.8	25,049.3	827.3	22,800.1	517.4	9,846.1	0.2	3.7
Mar-14 Apr-14	384.2 334.1	18,792.9	58.0 50.4	2,869.1 2,919.5	1	8,157.9 8,157.9	•	2,627.6 2,627.6	443.8 256.4	25,493.1 25,749.5	338.7 160.8	23,138.8 23,299.6	517.4 517.4	10,363.5 10,880.8	0.2 0.2	3.9 4.1
Apr-14 May-14	334.1 350.8	19,127.0 19,477.8	50.4 52.9	2,919.5	.	8,157.9 8,157.9	-	2,627.6	364.3	26,113.8	267.3	23,566.9	517.4	11,398.2	0.2	4.3
Jun-14	367.5	19,845.3	55.4	3,027.8		8,157.9	-	2,627.6	745.5	26,859.3	687.1	24,254.0	543.2	11,941.4	0.2	4.5
Jul-14	334.1 -	20,179.4	50.4	3,073.2		8,157.9	-	2,627.6	509.6	27,369.0	438.0	24,692.0	543.2	12,484.7	0.2	4.7
Aug-14	384.2	20,563.6	58.0	3,136.2	•	8,157.9	-	2,627.6	569.3	27,938.3	511.6	25,203.6	543.2	13,027.9	0.2	4.9
Sep-14	350.8	20,914.3	52.9 53.9	3,189.1	•	8,157.9	-	2,627.6	489.7 407.7	28,428.0	426.0 339.4	25,629.5	543.2 543.2	13,571.1	0.2 0.2	5.2 5.4
Oct-14 Nov-14	350.8 334.1	21,265.1 21,599.2	52.9 50.4	3,242.0 3,292.4		8,157.9 8,157.9	-	2,627.6 2,627.6	407.7 338.4	28,835.7 29,174.1	263.6	25,969.0 26,232.6	543.2 543.2	14,114.4 14,657.6	0.2	5.6
Dec-14			47.9	3,340.3	aminima entidas	8,157.9	rightan (hait			29,395.5			543.2	15,200.8		5.8
Jan-15	334.1	22,250.7	50.4	3,390.7	-	8,157.9	-	2,627.6	697.6	30,093.1	625.9	27,009.8	543.2	15,744.1	0.2	6.0
Feb-15	334.1	22,584.7	50.4	3,441.1	•	8,157.9	-	2,627.6	843.1	30,936.2	744.5	27,754.3	543.2	16,287.3	0.2	6.2
Mar-15	384.2	22,968.9	58.0	3,499.1	-	8,157.9	-	2,627.6	399.5	31,335.7	304. 9	28,059.2	543.2	16,830.5 17,373.8	0.2	6.4
Apr-15	334.1	23,303.0	50.4 52.9	3,549.5		8,157.9 8,157.9	-	2,627.6 2,627.6	230.8 327.9	31,566.4 31,894.3	144.7 240.6	28,203.9 28,444.5	543.2 543.2	17,373.8	0.2 0.2	6.6 6.8
May-15 Jun-15	350.8 367.5	23,653.8 24,021.3	\$2,9 55.4	3,602.4 3,657.8		8,157.9 8,157.9	-	2,627.6	671.0	32,565.3	618.4	29,062.9	570.4	18,487.4	0.2	7.0
Jul-15	334.1	24,355.4	50.4	3,708.2		8,157.9		2,627.6	458.6	33,023.9	394.2	29,457.1	570.4	19,057.8	0.2	7.2
Aug-15	384.2	24,739.6	58.0	3,766.2	-	8,157.9	٠.	2,627.6	512.4	33,536.3	460.4	29,917.5	570.4	19,628.2	0.2	7.5
Sep-15	350.8	25,090.3	52.9	3,819.1	-	8,157.9	•	2,627.6	440.8	33,977.0	383.4	30,300.9	570.4	20,198.6	0.2	7.7
Qct-15	350.8	25,441.1	52.9	3,872.0		8,157.9	-	2,627.6	366.9	34,343.9	305.5	30,606.4	570.4	20,769.0	0.2	7.9
Nov-15	334.1	25,775.2	50.4	3,922.4	-	8,157.9		2,627.6	304.6	34,648.5	237,3	30,843.6	570.4	21,339.4	0.2	
Dec-15	317.4	26,092.6	47,9	3,970.3		8,157,9		2,627.6	199.3	# 34,847.\$ E	136.2	30,979.8	570.4	21,909.7	0,2_	8.3

2009	578.1	578.1	\$ 9.0	89.0	602.4	602.4	191.7	191.7	1,697.2	1,697.2	1,596.5	1,596.5		-		
2010	0237	4 861.8	660.2	749.2	10337	2(000)	607.1	7230	6,030.6	7,728.0	5,757.2	7,353.3	- d	C. VICEAR	9 3 F F F	- Press
2011	4,563.9	9,425.7	703.3	1,452.5	3,754.1	6,242.1	1,212.2	2,011.0	6,002.4	13,730.4	5,742.6	13,096.4		•		
2012	0(1309)	13,564.6	627.6	2,080.3	19150	3,157.9	6166	2,627.6	A)039.6	17,830.0	3,538.7	16,535.1	3,027.4	3,027.4	FEE 125	1.2
2013	4,176.0	17,740.6	630.0	2,710.3	-	8,157.9	-	2,627.6	5,507.4	23,337.4	4,642.3	21,277.4	5,784.0	5,811.4	2.2	3,4
2017	1 176.0	219166	630.0	3,340.3	E F 2 6	3,157,9	#	2,627.6	6,058.1	79,595.5	5,106.5	26 1339	6,389.0	15/200.B	2/14	11458
2015	4.176.0	25,092.6	630.0	3,970.3		8,157.9	-	2,527.6	5,452.3	34,847.8	4,595.9	30,979.8	6,708.9	21,909.7	2.5	8.3

Energy Efficiency Program Impact Estimates at the Meter

		Res L	ighting			Appliance	Recycling		Res	idential Beha	avorial Prog	ram		Home Depot	CFL Program	n
	MWH	I MWH	kW	ΣkW	MWH	I MWH	kW	I kW	MWH	1 MWH	kW	ΙkW	MWH	ΣMWH	kW	" I kW
Jan-09		-	-	•	-	•	-	٠		•	٠.		-	6,706.0		630.0
Feb-09 Mar-09		•	-	•	-	-		-		•	-	-		6,706.0	-	630.0
Apr-09			-	-		-		-	:		:	•	:	6,706.0 6,706.0	•	630.0 630.0
May-09	-	-	-	-		-	-		1 -	-		-	:	6,706.0	-	630.0
Jun-09	i -	-	-	-		-	-	-		-				6,706.0		630.0
Jul-09	-	-	•	-	-	-	•	-	-		-	-	-	6,706.0		630.0
Aug-09		*	•	-	-		-	-	-	-	-	-	-	6,706.0	•	630.0
Sep-09 Oct-09	l :		•	•	_	-	-	-		•	-	•	٠.	6,706.0	•	630.0
Nov-09	-		-			-							[6,706.0 6,706.0		630.0 630.0
Dec-09	torius:			64 - 460 - 42	100	Alema, Sal		enti. Gr		2007 de3848		·	Sec. 1.4	6,706.0		630.0
Jan-10	363.0	363.0	18.6	18.6		•	-			-	-	-		6,706.0	-	630.0
Feb-10	4,364.4	4,727.4	429.3	447.9	-	•	•	•	-	-	•	• -	-	6,706.0	•	630.0
Mar-10 Apr-10	8,284.0 10,485.9	13,011.4 23,497.3	784.9 995.9	1,232.7 2,228.6	89.8	89.8	10.5	10.5	•	-	-	-		6,706.0	-	630.0
May-10	1,116.6	24,614.0	113.9	2,342.5	452.0	541.9	52.6	63.1			·] :	6,706.0 6,706.0	:	630.0 630.0
Jun-10	8,324.5	32,938.5	787.3	3,129.8	391.1	932.9	45.5	108.6	-	-				6,706.0		630.0
Jul-10	5,666.7	38,605.2	535.9	3,665.7	284.7	1,217.6	33.I	141.7	-	-	-	-	-	6,706.0		630.0
Aug-10	15,399.9	54,005.1	1,451,7	5,117.4	489.0	1,706.6	56.9	198.6	-	-		-	-	6,706.0	•	630.0
Sep-10 Oct-10	6,557.3 8,394.1	60,562.4 68,956.5	617.0 794.2	5,734.4	980.4 759.3	2,687.1	114.1	312.7	-	•	•	-		6,706.0	•	630.0
Nov-10	6,033.4	74,989.9	794.2 571.5	6,528.6 7,100.1	759.3 585.5	3,446.4 4,031.9	88.4 68.1	401.1 469.2		•	-	-	:	6,706.0 6,706.0	-	630.0 630.0
Dec-10		76,552.0		7,252.6		4,559.2						THE PARTY OF		6,706.0		630.0
Jan-11	7,294.2	83,846.2	686.0	7,938.6	256.9	4,816.1	29.9	560.5		•	-	-	-	6,706.0	-	630.0
Feb-11	4,172.2	88,018.3	395.0	8,333.6	305.9	5,122.0	35.6	596.1		-	-	-		6,706.0	-	630.0
Mar-11	6,324.8	94,343.1	596.8	8,930.3	591.3	5,713.4	68.8	664.9		•	-	•	1 .	6,706.0	•	630.0
Apr-11 May-11	3,019.2 3,692.1	97,362.4 101,054.4	287. 8 351.3	9,218.2 9,569.4	425.4 428.5	6,138.7 6,567.2	49.5 49.9	714.4 764.3		-	•	•	Ι.	6,706.0	•	630.0
Jun-11	3,892.1	104,859.5	375.3	9,569.4	428.5 393.4	6,960.6	49.9 45.8	764.3 810.1		-			:	6,706.0 6,706.0	-	630.0 630.0
Jul-11	2,895.6	107,755.1	286.1	10,230.7	452.2	7,412.8	52.6	862.7	14,424.2	14,424.2	2,589.3	2,589.3	:	6,706.0		630.0
Aug-11	3,691.1	111,446.3	366.5	10,597.2	587.9	8,000.8	68.4	931.1	-	14,424.2	-	2,589.3	l .	6,706.0	٠.	630.0
Sep-11	7,302.5	118,748.8	706.9	11,304.1	528.1	8,528.6	61.5	992.6	(271.9)	14,152.3	(48.8)	2,540.5	·	6,706.0		630.0
Oct-11	10,463.9 7,627.6	129,212.7	992.5	12,296.6	419.1	8,947.9	48.8	1,041.4	(179.1)	13,973.2	(32.2)	2,508.4	·	6,706.0	•	630.0
Nov-11 Dec-11	13,173.1	136,840.3	737.0 1,282.1	13,033.6	440.8	9,388.7 6(19,934,3	51.3 63.5	1,092.7 1,156.2	(89.0)	13,884.2	(16.0)	2,492.4 2,478.5	Biblion I. a.	6,706.0		630.0 630.0
Jan-12	4,797.7	154,811.0	472.4	14,788.1	315.5	10,249.9	35.9	1,192.1	(78.9)	13,727.5	-	2,478.5	-	6,706.0	-	630.0
Feb-12	5,278.3	160,089.3	522.0	15,310.2	383.0	10,632.9	43.6	1,235.7	(75.7)	13,651.8	(14.6)	2,463.8	-	6,706.0		630.0
Mar-12	4,193.9	164,283.2	414.6	15,724.7	500.7	11,133.6	56.9	1,292.6	-	13,651.8	(13.0)	2,450.8	-	6,706.0	•	630.0
Apr-12	6,046.7	170,329.9	572.8	16,297.6	533.5	11,667.1	60.7	1,353.2	-	13,651.8	•	2,450.8	-	6,706.0	•	630.0
May-12 Jun-12	5,771.9 5,497.0	176,101.8 181,598.8	546.8 520.8	16,844.4 17,365.1	533.5 533.5	12,200.6 12,734.1	60.7 60.7	1,413.9 1,474.6	14,400.0	13,651.8	3 5 8 5 0	2,450.8 2,585.0	·	6,706.0	•	630.0
Jul-12	4,672.5	186,271.2	442.6	17,807.8	533.5	13,267.6	60.7	1,535.2	14,400.0	14,400.0 14,400.0	2,585.0	2,585.0]	6,706.0 6,706.0		630.0 630.0
Aug-12	4,672.5	190,943.7	442.6	18,250.4	569.1	13,636.7	64.7	1,599.9	-	14,400.0	-	2,585.0		6,706.0	-	630.0
Sep-12	6,046.7	196,990.4	572.8	18,823.2	533.5	14,370.2	60.7	1,660.6	-	14,400.0		2,585.0		6,706.0		630.0
Oct-12	6,046.7	203,037.1	572.8	19,396.1	533.5	14,903.7	60.7	1,721.3	-	14,400.0	-	2,585.0		6,706.0		630.0
Nov-12 Dec-12	5,497.0	208,534.1	520.8 520.8	19,916.8 = 20,437.6	533.5	15,437.2 15,970.7	60.7 60.7	1,781.9 1,842.6		14,400.0	- -	2,585.0		6,706.0 6,706.0		630.0 630.0
Jan-13	4,177.7	218,208.9	395.8	20,833.4	225.9	16,196.7	25.7	1,868.3	-	14,400.0	-	2,585.0		6,706.0		630.0
Feb-13	4,177.7	222,386.6	395.8	21,229.2	272.1	16,468.8	30.9	1,899.2	-	14,400.0	-	2,585.0		6,706.0		630.0
Mar-13	4,617.5	227,004.1	437.4	21,666.6	609.8	17,078.6	69.3	1,968.6	•	14,400.0	-	2,585.0	-	6,706.0		630.0
Apr-13	4,837.4	231,841.4	458.3	22,124.9	762.1	17,840.6	86.7	2,055.2	•	14,400.0	-	2,585.0	-	6,706.0	•	630.0
May-13 fun-13	4,617.5 4,397.6	236,458.9 240,856.5	437.4 416.6	22,562.3 22,978.9	609.8 457.6	18,450.4 18,908.0	69.3 52.0	2,124.6 2,176.6	11,520.0	14,400.0 11,520.0	2,068.0	2,585.0 2,068.0	-	6,706.0 6,706.0	-	630.0 630.0
Jul-13	3,738.0	244,594.5	354.1	23,333.0	487.5	19,395.5	55.4	2,232.0	11,520.0	11,520.0	2,006.0	2,068.0	-	6,706.0		630.0
Aug-13	3,738.0	248,332.5	354.1	23,687.1	609.8	20,005.3	69.3	2,301.4		11,520.0		2,068.0		6,706.0	-	630.0
Sep-13	4,837.4	253,159.8	458.3	24,145.4	762.1	20,767.4	86.7	2,388.0		11,520.0	-	2,068.0	-	6,706.0		530.0
Oct-13	4,837.4	258,007.2	458.3	24,603.7	609.8	21,377.2	69.3	2,457.4	-	11,520.0	-	2,068.0	-	6,706.0	•	630.0
Nov-13 Dec-13	4,397.6	262,404.8	416.6	25,020.3	457.6	21,834.8	52.0 1' 352.5 €	2,509.4	19999	11,520.0		2,068.0		6,706.0		630.0
Jan-14	3,342.2	266,802.4 270,144.6	416.6 316.6	25,436.9 25,753.5	461.6 237.2	22,533.6	27.0	2,561.9 2,588.9	- Magazinia	11,520.0°2 11,520.0		2,068.0		6,706.0 6,706.0		630.0
Feb-14	3,342.2	273,486.8	316.6	26,070.1	285.7	22,819.3	32.5	2,508.9		11,520.0	-	2,068.0	:	6,706.0	-	630.0
Mar-14	3,694.0	277,180.8	350.0	26,420.1	640.3	23,459.6	72.8	2,694.2	-	11,520.0	•	2,068.0		6,706.0	-	630.0
Apr-14	3,869.9	281,050.7	366.6	25,786.7	800.2	24,259.8	91.0	2,785.2	•	11,520.0	-	2,068.0	-	6,706.0	-	630.0
May-14 Jun-14	3,694.0 3,518.1	284,744.7 288,262.7	350.0	27,136.7 27 459 9	640.3	24,900.1 25,380.5	72.8 54.6	2,858.0 2,912.6	14 400 0	11,520.0	2 505 0	2,068.0	-	6,706.0 6,706.0	-	630.0 630.0
Jun-14 Jul-14	2,990.4	288,262.7 291,253.1	333.3 283.3	27, 469.9 27,753.2	480.4 511.9	25,380.5 25,892,4	54.6 58.2	2,912.6 2,970.8	14,400.0	14,400.0 14,400.0	2,585.0	2,585.0 2,585.0		6,706.0 6,706.0	:	630.0
Aug-14	2,990.4	294,243.5	283.3	28,036.5	640.3	26,532.7	72.8	3,043.6		14,400.0	•	2,585.0		6,706.0		630.0
Sep-14	3,869,9	298,113.4	366.6	28,403.1	800.2	27,332.9	91.0	3,134.6	-	14,400.0		2,585.0	-	6,706.0	-	630.0
Oct-14	3,869.9	301,983.3	366.6	28,769.8	640.3	27,973.2	72.8	3,207.4	•	14,400.0	-	2,585.0	-	6,706.0		630.0
Nov-14	3,510.1	305,501.4	333.3	29,103.0	480.4 484.7	28,453.6	54.6 55.1	3,262.1		14,400.0	entenio -	2,585.0		6,706.0		630.0
Dec-14 Jan-15	3,518.1 2,506.6	311,526.1	237.5	29,673.8	177.9	28,938.3 29,116.3	20.2	3,337.4		14,400.0	-	2,585.0 2,585.0	-	6,706.0 6,706.0		630.0
Feb-15	2,506.6	314,032.7	237.5	29,911.3	214.3	29,330.5	24.4	3,361.8	-	14,400.0	• -	2,585.0		6,706.0		630.0
Mar-15	2,770.5	316,803.2	262.5	30,173.7	480.2	29,810.8	54.6	3,416.4	-	14,400.0	-	2,585.0	-	6,706.0	-	630.0
Apr-15	2,902.4	319,705.6	275.0	30,448.7	, 600.1	30,410.9	68.2	3,484.6	-	14,400.0	-	2,585.0	-	6,706.0	-	630.0
May-15	2,770.5	322,476.1	262.5	30,711.1	480.2	30,891.1	54.6	3,539.2		14,400.0	-	2,585.0	-	6,706.0	•	630.0
Jun-15 Jul-15	2,638.6 2,242.8	325,114.7 327,357.5	250.0 212.5	30,961.1 31,173.6	360.3 383.9	31,251.4 31,635.4	41.0 43.7	3,580.2 3,623.8	10,800.0	10,800.0 10,800.0	1,938.8	1,938. 8 1,938. 8		6,706.0 6,706.0	•	630.0 630.0
Aug-15	2,242.8	329,600.3	212.5	31,173.6	480.2	32,115.6	43.7 54.6	3,678.5	-	10,800.0	-	1,938.8		6,706.0 6,706.0		630.0
Sep-15	2,902.4	332,502.7	275.0	31,661.0	600.1	32,715.7	68.2	3,746.7	-	10,800.0	-	1,938.8	_	6,706.0		630.0
Oct-15	2,902.4	335,405.1	275.0	31,936.0	480.2	33,195.9	54.6	3,801.3	•	10,800.0		1,938.8		6,706.0		630.0
Nov-15	2,638.6	338,043.7	250.0	32,185.9	360.3	33,556.3	41.0	3,842.3		10,800.0	-	1,938.8	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	6,706.0	<u> </u>	630.0
Dec-15	2,638.6	340,682.2	250.0	32,435.9	363.5	33,919.8	01141.3 III	3,883.6	APAÇOR PRIN	- 10,800.0		1,938.8	#H(3) (1-0)	6,706.0		630.0
2009							_	-					6,706.0	6,706.0	630.0	630.0

2009		•		-		•	-	•	-	•	•	-	6,706.0		630.0	630.0
2010	76,552.0	76,552.0	7,252.6	7,252.6	4,559.2	4,559.2	530.6	530.6	·	a,			ď	6,706.01	1 D 3	630.0
2011	73,451.4	150,013.4	7,063.1	14,315.7	5,375.2	9,934.3	625.6	1,156.2	13,806.4	13,806.4	2,478.5	2,478.5	-	6,706.0	-	630.0
2012	61,017,8	21000111	(1219)	20/197.6	(0,030,0)	15,970.7	6360	1,842.6		14/400.0 n		2,585.0	. 0	6,705.0	o E	630.0
2013	52,771.3	266,802.4	4,999.3	25,436.9	6,325.7	22,296.4	719.3	2,561.9	(2,880.0)	11,520.0	(\$17.0)	2,068.0	•	6,706.0	-	630.0
2010	(12)217.0	309,019.5	3,999.4	29,436.3	66119	28,933.3	755.3	3,317.2	2,880.0	13(400.0	517.0	2,585.0	- 4	6,706.0	海道 等	630.0
2015	31,662.8	340,682.2	2,999.6	32,435.9	4,981.5	33,919.8	566.4	3,883.6	(3,600.0)	10,600.0	(646.3)	1,938.8	-	6,706.0	-	630.0

Energy Efficiency Program Impact Estimates at the Meter

MWH X MWH KW X KW MWH X MWH X KW X KW MWH X MWH			EI	8		l Sr	nall Business	Fnerey Save	r	Total	nergy Efficien	cy Program	Values
March		мwн			ΣkW								
The Section 1.1	tan-09	-	-				-						
Marcol		١.	-			.	-						
		1 .	_				-						
Maryor 1909		768 4	765.4	176 4	176 4	l -	-	-					
March Marc	_					l -	•	•	-				
Method						· -	-	-	•				
Margon M						· -	-	-					
						•	•	-					
Control Cont						-	-	-	-		13,864.3	666.9	2,875.7
	Sep-09	2,518.4	8,700.3	437.5	1,953.7	-	-	-	-	2,878.6	16,742.9	740.0	3,615.7
1969 1969	Oct-09	2,885.7	11,585.9	514.5	2,468.2		•	-	-	3,422.7	20,165.6	903.5	4,519.2
1969 1,1200 1,1	Nov-09	590.9	12,176.9	89.6	2,557.8	-	-	-	-	1,416.9	21,584.6	456.4	4,975.6
March Marc	Dec-09	214.0	12,390.9	50.4	2,608.2	01300	i Hilebah d		ilekarai				
Personal Design	Jan-10	9,122,4	21,513.3	1,774.6	4,382.8		-	-	-	10.657.8			
Mar-190				928.8				-	-				
Mart		-			•	_							
May 10							-	-	-				
Mar-10							-	-	-				
Mary						-	-	-	•				
Margin M		1				•	-	-					
September Sept	Jul-10		36,256.7	658.0		-	-	-	-	10,588.0	93,012.5	1,935.0	18,694.1
Control Cont		3,408.4	39,665.1	624.7	8,298.0	-	•	-	-	20,368.4	113,380.9	2,764.7	21,458.2
	Sep-10	3,172.0	42,837.1	687.2	8,985.2		-	-	-	11,775.3	125,156.2	1,964.7	23,423.5
		2,239.0	45,076.1			-	-	-	-				
Page	Nov-10	65.3	45,141.4	13.7	9,358.2	-	-		-				
Mar-11							Special section	li de la posición					
Mar-11							-	-					
Mar-11						_	_						
May-11						·		- •					
May-11						,	•	-					
		1				-	-	-	-				
Mart						-	-	-	•				
Aug-11	Jun-11 .	3,585.1	67,932.0	992.0	15,032.7	-	•	•	-	9,122.8	209,535.6	2,210.6	39,748.9
Sep-11	Jul-11	2,334.4	70,266.4	530.0	15,562.7	-	-	-	-	21,179.9	230,715.5	4,116.6	43,865.6
Sep-11	Aug-11	2,536.2	72,602.6	523.0	16,085.7		•	-	-	8,366.2	239,081.7		45,553.5
19-11 19-12 19-13 19-1		4,796.3				-	-						
No11								_	_				
18-21 18-2		-			-	_	_	_	_				
Jan-12		702 702 3				****							
Feb-12						128 N. S. C. S. C. C.			COMPAGNITURE - NORGO				
Mar-12						•	•	-	-				
Apr-12 3,765 10,15556 915.0 23,4194						-	-	-	-				
May-12		2,904.7				•			-	8,570.6	326,500.4		
		3,765.0	101,555.6	915.0	23,419.4		•	-	-	10,895.8	337,396.2	1,747.3	62,439.1
Mart	May-12	3,765.0	105,320.6	915.0	24,334.4	-	-	-	-	10,788.2	348,184.4	1,817.5	64,256.7
Mag-12	Jun-12	3,765.0	109,085.6	915.0	25,249.4	-	-	-	-	25,644.6	360,177.2	4,715.5	66,521.4
Mag-12						1,667.0	1,667.0	405.0	405.0				
Sep-12 3,765.0 123,380.6 391.5 27,994.4 1,667.0 5,001.0 405.0 1,215.0 13,233.2 397,762.8 2,369.3 73,456.0 1,670.0 3,765.0 1,215.0 1,215.0 1,323.2 397,762.8 2,369.3 73,456.0 1,215.0 3,765.0 3,765.0		-											
0c1-12													
Nov-12													
Dec-12													
He-13													
Feb-13	Dec 12		131,675.6										
Mar-13	Jan-13	4,185.0	135,860.6	1,017.0	31,756.4	1,250.0	11,252.0	304.0	2,734.0	11,309.9	446,675.2	2,425.2	82,434.0
Apr-13	Feb-13	4,185.0	140,045.6	1,017.0	32,773.4	1,250.0	12,502.0	304.0	3,038.0	11,503.0	458,178.3	2,550.3	84,984.3
Apr-13	Mar-13	4,185.0	144,230.6	1,017.0	33,790.4	1,250.0	13,752.0	304.0	3,342.0	11,822.5	470,060.7	2,193.8	87,178.2
May-13	Apr-13	4,185.0	148,415.6	1,017.0	34,807.4	1,250.0	15,002.0	304.0	3,646.0	12,034.1	482,094.8	2,062.7	89,240.8
Num-13													
Nul-13													-
Aug-13 4,185.0 165,155.6 1,017.0 38,875.4 1,250.0 20,002.0 304.0 4,862.0 11,201.9 525,021.4 2,267.7 97,764.6 569-13 4,185.0 169,340.6 1,017.0 40,909.4 1,250.0 21,252.0 304.0 5,166.0 12,347.8 537,369.2 2,306.3 100,070.9 104.0 13.0 177,106 1,017.0 41,926.4 1,250.0 23,752.0 304.0 5,470.0 12,120.9 549,490.1 2,210.3 102,281.2 100.0 102,811.2 10.0 177,106 1,017.0 41,926.4 1,250.0 23,752.0 304.0 5,470.0 11,443.3 560,939.4 2,079.9 104,361.1 106-13 111.0		-											
Sep-13 4,185.0 169,340.6 1,017.0 39,892.4 1,250.0 21,252.0 304.0 5,166.0 12,347.8 537,369.2 2,306.3 100,070.9 14,185.0 173,525.6 1,017.0 40,999.4 1,250.0 22,302.0 304.0 5,774.0 11,249.3 589,369.2 2,306.3 100,070.9 14,185.0 173,525.6 1,017.0 31.4 4,1926.4 1,250.0 23,752.0 304.0 5,774.0 11,449.3 569,393.4 2,079.9 104,361.1 10.2 11,409.4 11,409.4 11,409.3 11,409.4 11,409.3 11,409.4 11,409.4 11,409.3 11,409.4 11,409.3 11,409.4													
Oct-13													
Non-13													
Dec:13	Oct-13												
	Nov-13						20,700.0	30	5,77	441,1910	0-0,00011		
	Dec-13		181,895.6	1,017.0	42,943.4	1,250.0	25,002.0	304.0					
Feb-14 4,417.0 199,729.6 1,074.0 46,165.4 1,250.0 27,502.0 304.0 6,990.0 11,346.7 605,572.4 2,197.7 113,607.1 Apr-14 4,417.0 199,563.6 1,074.0 47,239.4 1,250.0 30,002.0 304.0 7,294.0 11,444.9 617,017.4 2,047.0 115,658.1 May-14 4,417.0 203,980.6 1,074.0 48,313.4 1,250.0 31,252.0 304.0 7,598.0 11,233.7 628,251.1 2,121.2 117,775.3 Jun-14 4,417.0 203,980.6 1,074.0 49,387.4 1,250.0 31,252.0 304.0 7,902.0 25,721.8 642,452.8 5,099.7 120,800.9 Aug-14 4,417.0 212,814.6 1,074.0 50,461.4 1,250.0 33,752.0 304.0 7,902.0 25,721.8 642,452.8 5,099.7 120,800.9 Aug-14 4,417.0 217,231.6 1,074.0 51,535.4 1,250.0 33,752.0 304.0 8,510.0 10,794.4 663,803.4 2,303.8 125,312.9 Sep-14 4,417.0 217,231.6 1,074.0 51,535.4 1,250.0 35,002.0 304.0 8,510.0 10,794.4 663,803.4 2,303.8 125,312.9 Sep-14 4,417.0 226,665.6 1,074.0 53,683.4 1,250.0 37,502.0 304.0 8,510.0 10,794.4 663,803.4 2,303.8 125,312.9 Sep-14 4,417.0 230,482.6 1,074.0 53,683.4 1,250.0 37,502.0 304.0 8,314.0 11,720.8 675,524.3 2,314.7 127,627.6 Oct-14 4,417.0 230,482.6 1,074.0 53,683.4 1,250.0 37,502.0 304.0 9,118.0 11,478.9 687,003.1 2,210.0 129,837.5 Decital 14,417.0 230,482.6 1,074.0 54,757.4 1,250.0 38,752.0 304.0 9,118.0 11,478.9 687,003.1 2,210.0 129,837.5 Decital 14,417.0 230,482.6 1,074.0 183.5 5,8314.0 12,250.0 10,404.0 10,002.0 11,478.9 687,003.1 2,210.0 129,837.5 Decital 14,417.0 230,482.6 1,135.0 5,866.4 1,250.0 42,502.0 304.0 10,300.0 10,716.5 708,636.2 1,956.8 1,319,17.7 Decital 14,417.0 244,899.0 1,135.0 5,9236.4 1,250.0 42,502.0 304.0 10,300.0 10,716.5 708,636.2 1,956.8 1,335.0 5,9236.4 1,250.0 42,502.0 304.0 10,300.0 10,765.6 718,116.0 2,373.2 136,256.7 304.0 10,300.0 10,300.0 10,765.6 718,116.0 2,373.2 136,256.7 304.0 10,300.0	Jan-14		186,312.6	1,074.0					6,382.0				
Mar-14		4,417.0							6,686.0	11,083.1	594,225.B	2,605.0	111,409.4
Apr-14		4,417.0						304.0	6,990.0			2,197.7	
May-14													
Ham-14													
Aug-14 4,417.0 217,231.6 1,074.0 51,535.4 1,250.0 35,002.0 304.0 8,510.0 10,794.4 663,803.4 2,303.8 125,312.9 Sep-14 4,417.0 221,648.6 1,074.0 52,669.4 1,250.0 36,252.0 304.0 8,814.0 11,720.8 675,524.3 2,314.7 127,627.6 10.0 10,000.0 11,478.9 687,003.1 2,210.0 129,837.5 Nov-14 4,417.0 230,482.6 1,074.0 53,683.4 1,250.0 37,502.0 304.0 9,18.0 11,478.9 687,003.1 2,210.0 129,837.5 Nov-14 4,417.0 230,482.6 1,074.0 54,757.4 1,250.0 38,752.0 304.0 9,18.0 11,478.9 687,003.1 2,210.0 129,837.5 Nov-14 4,417.0 230,482.6 1,074.0 54,757.4 1,250.0 38,752.0 304.0 9,422.0 10,881.2 697,884.4 2,082.2 131,917.7 Dec.14 54,667.0 244,233.6 1,135.0 58,101.4 1,250.0 41,250.0 34,1250.0 304.0 10,334.0 10,751.8 708,636.2 1,955.8 133,833.5 Nov-15 4,667.0 248,293.6 1,135.0 59,236.4 1,250.0 42,502.0 304.0 10,334.0 10,358.4 729,171.0 2,495.0 138,752.6 Nar-15 4,667.0 248,900.6 1,135.0 59,236.4 1,250.0 43,752.0 304.0 10,334.0 10,358.4 729,171.0 2,495.0 138,752.6 Nar-15 4,667.0 258,234.6 1,135.0 60,371.4 1,250.0 45,052.0 304.0 10,638.0 10,494.6 739,665.6 2,119.1 140,871.7 Apr-15 4,667.0 258,234.6 1,135.0 61,506.4 1,250.0 46,252.0 304.0 11,550.0 10,334.0 10,334.0 10,327.6 750,193.2 1,977.5 142,849.3 Nar-15 4,667.0 258,234.6 1,135.0 61,506.4 1,250.0 46,252.0 304.0 11,550.0 21,324.7 767,507.6 4,342.8 146,656.8 Nar-15 4,667.0 262,901.6 1,135.0 62,641.4 1,250.0 46,252.0 304.0 11,550.0 21,324.7 767,507.6 4,342.8 146,656.8 Nar-15 4,667.0 262,901.6 1,135.0 63,776.4 1,250.0 47,502.0 304.0 11,550.0 21,324.7 767,507.6 4,342.8 146,656.8 Nar-15 4,667.0 272,535.6 1,135.0 66,441.4 1,250.0 51,252.0 304.0 11,550.0 21,324.7 767,507.6 4,342.8 146,656.8 Nar-15 4,667.0 272,535.6 1,135.0 66,441.4 1,250.0 51,252.0 304.0 11,550.0 10,781.5 99,303.9 22,329.2 2,339.7 148,796.7 Nov-15 4,667.0 281,569.6 1,135.0 66,441.4 1,250.0 51,252.0 304.0 11,550.0 10,781.5 99,303.9 2,233.9 2,233.9 148,796.7 Nov-15 4,667.0 281,569.6 1,135.0 66,441.4 1,250.0 52,502.0 304.0 11,550.0 10,781.5 998,305.9 2,233.9 148,796.7 Nov-15 4,667.0 281,569.6 1,135.0 66,441.4 1,250.0 52,502.0 304.0 12,462													
Sep-14 4,417.0 221,648.6 1,074.0 52,669.4 1,250.0 36,252.0 304.0 8,814.0 11,720.8 675,524.3 2,314.7 127,627.6 Oct-14 4,417.0 226,065.6 1,074.0 53,683.4 1,250.0 37,502.0 304.0 9,118.0 11,478.9 647,003.1 2,210.0 129,837.5 Nov-14 4,417.0 234,899.6 1,074.0 54,757.4 1,250.0 38,752.0 304.0 9,422.0 10,881.2 697,884.4 2,080.2 231,917.7 Dec-14 4,417.0 234,899.6 1,135.0 56,966.4 1,250.0 4/40,002.0 304.0 10,030.0 10,176.5 718,812.6 2,373.2 136,256.7 Feb-15 4,667.0 239,566.6 1,135.0 58,101.4 1,250.0 42,502.0 304.0 10,030.0 10,176.5 718,812.6 2,373.2 136,256.7 Feb-15 4,667.0 248,900.6 1,135.0 59,236.4 1,250.0 43,752.0 304.0 10,030.0 10,576.6 739,665.6													
Oct-14 4,417.0 226,065.6 1,074.0 53,683.4 1,250.0 37,502.0 304.0 9,118.0 11,478.9 687,003.1 2,210.0 129,837.5 Nov-14 4,417.0 230,482.6 1,074.0 54,757.4 1,250.0 38,752.0 304.0 9,180.0 11,478.9 687,003.1 2,210.0 129,837.5 Dec-14 3,417.0 239,566.6 1,135.0 56,966.4 1,250.0 41,250.0 31,004.0 10,030.0 10,751.6 708,636.2 1,056.8 133,831.5 Feb-15 4,667.0 244,233.6 1,135.0 56,966.4 1,250.0 41,250.0 304.0 10,030.0 10,756.5 718,812.6 2,373.2 136,256.7 Feb-15 4,667.0 244,233.6 1,135.0 59,236.4 1,250.0 42,502.0 304.0 10,334.0 10,358.4 729,171.0 2,496.0 138,752.6 Mar-15 4,667.0 253,567.6 1,135.0 60,371.4 1,250.0 45,752.0 304.0 10,638.0 10,494.6 739,665.6													
Nov-14													
Dec:14 4,417.0 234,898.6 1,1074.0 158,831.4 1,250.0 14,002.0 118,304.0 10,030.0 10,751.8 708,636.2 1,965.8 133,883.5 Jan-15 4,667.0 239,566.6 1,135.0 56,966.4 1,250.0 41,252.0 304.0 10,030.0 10,176.5 718,812.6 2,373.2 136,255.7 Feb-15 4,667.0 244,233.6 1,135.0 59,236.4 1,250.0 43,752.0 304.0 10,334.0 10,358.4 729,171.0 2,496.0 318,752.6 Apr-15 4,667.0 248,900.6 1,135.0 59,236.4 1,250.0 45,002.0 304.0 10,938.0 10,494.6 739,655.6 2,119.1 140,871.7 Apr-15 4,667.0 253,567.6 1,235.0 60,371.4 1,250.0 45,002.0 304.0 10,942.0 10,527.6 750,193.2 1,977.5 142,849.3 May-15 4,667.0 258,234.6 1,135.0 61,506.4 1,250.0 45,752.0 304.0 11,256.0 10,389.6 760,582.8													
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Jan-15 4,667.0 239,566.6 1,135.0 56,966.4 1,250.0 41,252.0 304.0 10,030.0 10,176.5 718,812.6 2,373.2 136,556.7 Feb-15 4,667.0 244,233.6 1,135.0 58,101.4 1,250.0 42,502.0 304.0 10,334.0 10,358.4 729,171.0 2,495.0 139,752.6 Apr-15 4,667.0 253,567.6 1,235.0 60,371.4 1,250.0 45,002.0 304.0 10,942.0 10,527.6 750,193.2 1,977.5 142,849.3 May-15 4,667.0 253,567.6 1,135.0 61,506.4 1,250.0 45,002.0 304.0 10,942.0 10,527.6 750,193.2 1,977.5 142,849.3 May-15 4,667.0 253,234.6 1,135.0 61,506.4 1,250.0 45,002.0 304.0 11,246.0 10,389.6 760,582.8 2,049.8 144,899.0 Jul-15 4,667.0 267,568.6 1,135.0 63,776.4 1,250.0 48,752.0 304.0 11,854.0 9,906.8 777,414.4	Dec-14	4,417,0	234,899.6	1,074.0	55,831.4	1,250.0	40,002.0	304.0	9,726.0	10,751.8	708,636.2	1,965.8	133,883.5
Feb-15 4,667.0 244,233.6 1,135.0 58,101.4 1,250.0 42,502.0 304.0 10,334.0 10,358.4 729,171.0 2,496.0 138,752.6 Mar-15 4,667.0 248,900.6 1,135.0 59,236.4 1,250.0 43,752.0 304.0 10,638.0 10,494.6 739,665.6 2,119.1 140,871.7 Apr-15 4,667.0 253,567.6 1,135.0 60,371.4 1,250.0 45,002.0 304.0 10,942.0 10,527.6 750,193.2 1,977.5 142,890.3 Jun-15 4,667.0 262,901.6 1,135.0 62,641.4 1,250.0 45,752.0 304.0 11,550.0 21,324.7 767,507.6 4,342.8 146,556.8 Jul-15 4,667.0 267,568.6 1,135.0 62,641.4 1,250.0 4,752.0 304.0 11,550.0 21,324.7 767,507.6 4,342.8 146,556.8 Jul-15 4,667.0 272,235.6 1,135.0 64,911.4 1,250.0 51,020.0 304.0 11,854.0 9,96.8 777,414.4						1,250.0				10,176.5	718,812.6	2,373.2	136,256.7
Mar-15 4,667.0 248,900.6 1,135.0 59,236.4 1,250.0 43,752.0 304.0 10,638.0 10,494.6 739,665.6 2,119.1 140,871.7 Apr-15 4,667.0 253,567.6 1,135.0 60,371.4 1,250.0 45,002.0 304.0 10,942.0 10,527.6 750,193.2 1,977.5 142,849.3 May-15 4,667.0 262,901.6 1,135.0 61,506.4 1,250.0 47,502.0 304.0 11,246.0 10,349.6 765,542.8 2,048.8 144,899.0 Jun-15 4,667.0 262,901.6 1,135.0 62,641.4 1,250.0 47,502.0 304.0 11,550.0 21,324.7 767,507.6 4,342.8 146,656.8 Jul-15 4,667.0 267,568.6 1,135.0 63,776.4 1,250.0 48,752.0 304.0 11,550.0 21,324.7 767,507.6 4,342.8 146,656.8 Jul-15 4,667.0 272,335.6 1,135.0 64,911.4 1,250.0 48,752.0 304.0 11,550.0 21,324.7 767,507.6 4,342.8 146,656.8 Jul-15 4,667.0 276,502.6 1,135.0 66,046.4 1,250.0 51,252.0 304.0 12,158.0 10,781.5 798,302.9 2,218.7 153,240.1 Oct-15 4,667.0 281,569.6 1,135.0 67,181.4 1,250.0 52,502.0 304.0 12,462.0 10,781.5 798,302.9 2,218.7 153,240.1 Oct-15 4,667.0 281,569.6 1,135.0 67,181.4 1,250.0 52,502.0 304.0 13,070.0 10,124.9 19,015.5 2,017.8 157,385.1 Dec-15 4,667.0 290,903.6 1,135.0 68,316.4 1,250.0 53,752.0 304.0 13,070.0 10,124.9 19,015.5 2,017.8 157,385.1 Dec-15 4,667.0 290,903.6 1,135.0 69,451.4 1,250.0 55,002.0 304.0 13,070.0 10,124.9 19,015.5 2,017.8 157,385.1													
Apr-15 4,667.0 253,567.6 1,135.0 60,371.4 1,250.0 45,002.0 304.0 10,942.0 10,527.6 750,193.2 1,977.5 142,849.3 May-15 4,667.0 258,214.6 1,135.0 61,506.4 1,250.0 45,252.0 304.0 11,246.0 10,349.6 760,542.8 2,048.8 144,899.0 Jul-15 4,667.0 262,901.6 1,135.0 62,641.4 1,250.0 47,502.0 304.0 11,550.0 21,324.7 767,507.6 4,342.8 146,656.8 Jul-15 4,667.0 272,235.6 1,135.0 63,776.4 1,250.0 50,002.0 304.0 11,854.0 9,906.8 777,414.4 2,139.9 148,796.7 Aug-15 4,667.0 272,235.6 1,135.0 66,046.4 1,250.0 50,002.0 304.0 12,158.0 10,107.0 787,521.4 2,224.7 151,021.4 5ep-15 4,667.0 276,902.6 1,135.0 66,046.4 1,250.0 51,252.0 304.0 12,158.0 10,107.0 787,521.4 2,224.7 151,021.4 5ep-15 4,667.0 281,569.6 1,135.0 66,046.4 1,250.0 51,252.0 304.0 12,462.0 10,781.5 798,302.9 2,218.7 153,240.1 Oct-15 4,667.0 281,569.6 1,135.0 67,181.4 1,250.0 52,502.0 304.0 12,766.0 10,587.7 808,890.6 2,177.2 155,367.3 Nov-15 4,667.0 286,236.6 1,135.0 68,316.4 1,250.0 53,752.0 304.0 13,070.0 10,124.9 819,015.5 2,017.8 157,385.1 Dec-15 4,667.0 290,903.6 1,135.0 69,451.4 1,250.0 55,002.0 304.0 13,070.0 10,124.9 819,015.5 2,017.8 157,385.1													
May-15		-											
Jun-15 4,667.0 262,901.6 1,135.0 62,641.4 1,250.0 47,502.0 304.0 11,550.0 21,324.7 767,507.6 4,342.8 146,566.8 Jul-15 4,667.0 267,568.6 1,135.0 63,776.4 1,250.0 48,752.0 304.0 11,854.0 9,906.8 777,414.4 2,139.9 148,796.7 Aug-15 4,667.0 272,235.6 1,135.0 64,911.4 1,250.0 50,002.0 304.0 12,158.0 10,107.0 787,521.4 2,224.7 151,021.4 Sep-15 4,667.0 276,902.6 1,135.0 66,046.4 1,250.0 51,252.0 304.0 12,462.0 10,781.5 798,302.9 2,213.7 151,241.0 Oct-15 4,667.0 281,569.6 1,135.0 67,181.4 1,250.0 52,502.0 304.0 12,766.0 10,587.7 808,890.6 2,127.2 155,367.3 Nov-15 4,667.0 286,236.6 1,135.0 68,316.4 1,250.0 53,752.0 304.0 13,070.0 10,124.9 819,015.5													
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Aug-15 4,667.0 272,235.6 1,135.0 64,911.4 1,250.0 50,002.0 304.0 12,158.0 10,107.0 787,521.4 2,224.7 151,021.4 Sep-15 4,667.0 276,902.6 1,135.0 66,046.4 1,250.0 51,252.0 304.0 12,462.0 10,781.5 798,302.9 2,218.7 153,240.1 Oct-15 4,667.0 285,1569.6 1,135.0 68,316.4 1,250.0 53,752.0 304.0 12,766.0 10,587.7 808,896.6 2,172.2 155,367.3 Nov-15 4,667.0 286,236.6 1,135.0 68,316.4 1,250.0 53,752.0 304.0 13,070.0 10,124.9 819,015.5 2,017.8 157,385.1 Dec-15 4,667.0 290,903.6 1,135.0 69,451.4 1,250.0 55,002.0 304.0 13,070.0 10,124.9 819,015.5 2,017.8 157,385.1 Dec-15 4,667.0 290,903.6 1,135.0 69,451.4 1,250.0 55,002.0 304.0 13,070.0 10,124.9 819,015.5													
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Oct-15 4,667.0 281,569.6 1,135.0 67,181.4 1,250.0 52,502.0 304.0 12,766.0 10,587.7 808,890.6 2,127.2 155,367.3 Nov-15 4,667.0 286,236.6 1,135.0 68,316.4 1,250.0 53,752.0 304.0 13,070.0 10,124.9 819,015.5 2,017.8 157,385.1 Dec.15 4,667.0 290,903.6 -1,135.0 69,451.4 1,250.0 55,002.0 304.0 13,374.0 10,006.1 829,021.6 1,914.6 159,299.7					66,046.4	1,250.0	51,252.0	304.0	12,462.0	10,781.5	798,302.9	2,218.7	153,240.1
Nov-15 4,667.0 286,236.6 1,135.0 68,316.4 1,250.0 53,752.0 304.0 13,070.0 10,124.9 \$19,015.5 2,017.8 157,385.1 Dec-15 4,667.0 290,903.6 1,135.0 69,451.4 1,250.0 55,002.0 304.0 13,374.0 10,006.1 829,021.6 1,914.6 159,299.7													
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	forer-13	4,907.0	470,303.0	1,155.0	03,431.4	. 1,230.0	- JUJUUZ.U		,314.0	10,000.1	045,541.0	2,-27.0	
										24.074.6	24.024.5	F 445 4	

2009	12,390.9	12,390.9	2,608.2	2,608.2	•		-	•	21,974.6	21,974.6	5,115.4	5,115.4
2010	32,758.2	(15)119(1)	6,751.6	9.359.0			6		126,069.5	241,0412	21,559.3	26,674.7
2011	41,401.1	86,550.1	10,279.8	19,639.6		-			148,364.4	296,408.5	28,105.2	54,779.9
2017	CETTED	131,675.6	11 099 8	007800	10,002.0	10,002.0	2/300	2,430.0	138,956.8	435,365.A	25,226.9	80,008.8
2013	50,220.0	181,895.6	12,204.0	42,943.4	15,000.0	25,002.0	3,648.0	6,078.0	136,904.3	572,269.7	26,328.1	106,336.8
2014	53,000.0	234,899.6	12,888.0	155 231/0	15,000.0	40,002.0	3,648.0	9726.0	136,366.5	708,636,2	27,546.7	133,883.5
2015	56.004.0	290.903.6	13.620.0	69.451.4	15,000.0	55,002.0	3.648.0	13.374.0	120,385.4	829,021.6	25,416.2	159,299.7

Demand Response Program Impact Estimates at the Meter

		CI	S DR		<u> </u>	MESIC		ontrol (Energ		nter
	MWH	I MWH	kW	Į kW	MWH	I MWH	kW -	ΣkW	kW	ž kW
n-09	-		· ·		-			_ ·		
eb-09			-	•						
Aar-09										
pr-09	-	-	<u> </u>	-	•		212	212		-
1 0/- 09	-	-	<u> </u>	ļ <u>.</u>	<u> </u>	<u> </u>	580	792		<u> </u>
n-09		•	<u> </u>	<u> </u>			1,395	2,187	<u></u>	<u> </u>
F09	-	-				<u> </u>	1,639	3,826		
rg-09	-				· ·	<u> </u>	1,766	5,592	· · · · ·	
rt-09		•	-	⊢÷	<u> </u>	ļ	2,019	7,611	22	
ov-09				<u> </u>	<u></u>		2,175 1,639	9,786	78 95	1
ec-09	(1996 23 ,7 28)	per en	inte 2 a16	H259315: 816	4520 de 20	Designation of the contract of	1,039 51,793	\$11,925 \$13,218	203020136	1
n-10		Programma	-	816	-	*	2,464	15,692	163	4
b-10			36	852			2,554	18,236	209	7
ter-10			614	1,465	-	· .	3,725	21,961	238	,
pr-10	-			2,465			3,865	25,826	242	1,1
ay-10	-		842	2,307	30.8	30.8	3,741	29,574	259	1,4
n-10	27.4	27.4	2,260	4,567	34.5	45.2	3,558	33,132	233	1.6
l-10	32.5	59.9	372	4,939	38.5	103.7	3,900	57,032	186	1,6
4g -10	31.5	91.4	- ''-	4,939	42.6	146.5	3,930	40,962	218	2,0
p-10		91.4	544	5,413		146.3	3,602	44,564	299	2,3
t-10		91.4	530	6,013	_ ·	146.3	3,555	48,119	258	2,6
74-10		91.4	837	6,850		146.3	1,690	50,009	177	2,8
c 10 #[#imi()	19908HL 4.1 *	25.5 (95.5)	2022111 362,7	61H19117,213	Hitar, itt 2.5	11986 148.9	計算 2,592	(§∏.::.53,401	170	12011412.9
n-11			39	7,252	2.7	2,7	2,620	56,021	197	3,1
b-11 ar-11	<u></u> -		1,137	6,389	-	2.7	3,030	59,051	188	3,3
ar-11 yr-11			2,372 186	10,761		2.7	3,474	62,525 66.447	352	3,7
8-11 8-11	-		215	11,152	38.0	40.7	3,927	56,447 70,283	134	3,9 4,0
n-11	- :		279	11,441	39.0	80.5	3,100	73,391	146	4,2
1-11	173.1	173.1	1,163	12,603	230.0	310.5	2,904	76,295	129	4,3
ug-11	\$9.1	262.2	•	12,603	201.0	511.5	2,792	79,077	144	4,4
rp-11		262.2	-	12,603	· ·	511.5	2,606	81,685	100	4,5
ct-11	-	262.2		12,603		511.5	3,709	85,394	150	4,7
ov-11		262.2		12,603	-	511.5	3,302	88,776	140	4,8
ec-11 (6)	33 1.44 3.8	超 性 266.0	海南部市海州	排稿 12,603	3174445344	34(24) S11.5	3,016	治性91,75 2	110	HIRE 4.9
n-12		•	(4)	13,301	6.0	6.0	2,460	94,252	54	5,0
b-12	-		375	13,676	12.0	18.0	2,490	96,742	163	5,2
ar-12		-	373	14,051		18.0	1,180	97,922	*	5,2
pr-12	•	-	500	14,551		18.0	448	98,370	100	5,3
lay-12	-		500	15,051		18.0	510	98,880	100	5,4
JN-12 JF-12	92.6	92.6	375	15,426	7L9	96.9	373	99,753	100	5,5
#-12 ∪ # -12	94.8 97.1	107.4 284.4	375 375	15,801 16,176	237.4 239.0	334.3 573.2	260 680	99,513 100,193	110	5,7 5,8
rp-12	77.1	284.4	500	16,676	235.0	573.2	1,680	101,073	100	. 5,9
ct-12		284,4	500	17,176	-	573.2	1,121	102,994	100	6,0
ov-12		284.4	375	17,551		573.2	1,257	104,251	100	6,10
	Servers	284.4	HS1051 375	8098017,926	uga enge	-5357 573.2	1,354	105,609	201 D 100	20 G 5
n-13			375	18,301	6.3	6.3	1,334	106,941	100	6,3
rb-13			375	18,676	12.8	19.1	1,745	108,688	100	5,4
ar-13			375	19,051	-	19.1	1,978	110,616	100	6,5
or-13	-	•	500	19,551		19.1	1,711	112,327	100	6,6
lay-13		,	500	20,051	-	19.1	1,934	114,261	100	6,71
ın-13	122.6	122.6	375	20,426	92.4	111.5	1,918	115,179	100	6,8
1-13	124.8	247.4	375	20,801	281.5	399.1	1,747	117,926	110	6,9
g-13	127.1	374.4	375	21,176	286.3	679.4	1,992	119,918	100	7,0
ep-13		374.4	500	21,676					100	7,0
ct-13	-				-	679.4	2,662	122,580	100	7,1
ov-13		374.4	500	22,176		679.4	1,729	122,580 124,309	100	7,1 7,2
40.13 ****	1871 88 at 1292	374,4	375	22,176 22,551		679.4 679.4	1,729 1,663	122,580 124,309 125,972	100 100 100	7,1 7,2 7,3
	116=38	374,4 ::: / 1:374,4	375 192. (14. 375	22,176 22,551 1000 22,926	r relæsædte	679.4 679.4 (2-1111 679.4	1,729 1,663	122,580 124,309 125,972 ***: 127,505	100 100 100	7,1 7,2 7,3 7,3
n-14		974,4 ::: vp.:374,4	375 1921 - 375 175	22,176 22,551 22,876 23,301	7.5	679.4 679.4 (2-1111 679.4 7.5	1,729 1,663 1155.01,533 1,134	122,580 124,309 125,972 332,127,505 128,639	100 100 100 100	7,1 7,2 7,3 3,200-7,4 7,5
n-14 rb-14	() ## 1%	374,4 ::: / 1:374,4	375 192. (14. 375	22,176 22,551 1000 22,926	r relæsædte	679.4 679.4 (2-1111 679.4	1,729 1,663	122,580 124,309 125,972 ***: 127,505	100 100 100	7,1 7,2 7,3 7,4 7,5 7,6
n-14 /b-14 .ar-14	-	974,4 ::::::::::::::374(4 - -	375 352-17-5 375 375 375	22,176 22,551 22,926 23,301 23,676	7.5 15.2	679.A 679.A 72.71 679.A 7.5 22.7	1,729 1,663 1,638 1,134 1,471	122,580 124,309 125,972 301,127,505 128,639 130,110	100 100 100 100 100	7,1 7,2 7,3 7,4 7,5 7,6
n-14 b-14 ar-14 or-14	-	974,4 :::::::::::::::::::::::::::::::::::	375 152 375 375 375 375	22,176 22,551 22,856 23,676 24,051	7.5 15.22	679.4 679.4 2 679.4 7.5 22.7 22.7	1,729 1,663 1,663 1,134 1,471 1,621	122,580 124,309 125,972 127,505 128,639 130,110 131,731	100 100 100 100 100 100	7,1 7,2 7,3 2,5 27,4 2,5 7,6 7,7
n-14 rb-14 lar-14 pr-14 lay-14	-	974,4 :::::::::::::::::::::::::::::::::::	375 35% 110 875 175 375 375 500	22,176 22,551 22,551 22,926 23,301 23,676 24,051 24,551	7.5 15.22	679.A 679.A 2 679.A 7.5 22.7 22.7 22.7	1,729 1,663 1,663 1,134 1,471 1,621 1,443	172,580 124,309 125,972 125,975 128,639 130,110 131,731 133,174	100 100 100 100 100 100 100	7,1 7,2 7,3 2,20°27,4 7,5 7,6 7,7 7,8
n-14 db-14 ar-14 or-14 ay-14 n-14	-	374.4	375 35% 1 0 375 375 375 375 500 500	22,176 22,551 22,826 23,301 23,676 24,051 24,551 25,051	7.5 15.2	679.4 679.4 (%-1111 679.4 7.5 22.7 22.7 22.7 22.7	1,729 1,663 1,663 1,134 1,471 1,621 1,443 1,626	172,580 124,309 125,972 125,975 128,639 130,110 131,731 133,174 134,800	100 100 100 100 100 100 100 100	7,1 7,2 7,3 2,200-7,4 7,5 7,6 7,7 7,8 7,9
n-14 db-14 ar-14 or-14 ay-14 n-14	152.6	\$74.4 	375 375 375 375 375 375 500 500 375 375 375	22,176 22,551 23,901 23,976 24,051 24,551 25,051 25,426 25,801 26,176	7.5	679.4 679.4 7.5 22.7 22.7 22.7 22.7 22.7 23.3 480.3 793.0	1,729 1,663 1,631,533 1,134 1,471 1,621 1,443 1,626 1,530 1,351 1,592	172,580 174,309 125,972 127,505 128,639 130,110 131,731 133,174 134,800 134,330 137,681 139,273	100 100 100 100 100 100 100 100 100 100	7,1 7,2 7,3 7,5 7,6 7,7 7,8 7,9 8,0
n-14 rb-14 ar-14 or-14 ay-14 n-14 l-14	152.6 154.8	152.6 307.4 464.4	375 375 375 375 375 500 500 375 375 375 375	22,176 22,551 22,926 23,901 23,676 24,051 24,551 25,051 25,426 25,801 26,176 26,676	7.5 15.2 108.6 329.0	679.4 679.4 7.5 22.7 22.7 22.7 22.7 22.7 23.3 480.3 793.0	1,729 1,663 1,134 1,471 1,621 1,443 1,626 1,530 1,351 1,592 2,510	172,580 174,309 125,972 127,505 128,639 130,110 131,731 133,174 134,800 134,330 137,681 139,273 141,783	100 100 100 100 100 100 100 100 100 100	7,1 7,2 7,3 7,5 7,6 7,7 7,8 7,9 8,0 8,1 8,2
n-14 b-14 ar-14 b-14 ar-14 b-14 l-14 l-14 b-14 b-14	157.6 154.8 157.1	152.6 307.4 464.4 464.4	375 375 375 375 375 500 500 375 375 375 375 375	22,176 22,551 23,926 23,930 23,676 24,051 25,051 25,426 25,801 26,176 26,678 27,176	7.5 15.2 108.6 329.0	679.4 679.4 7.5 22.7 22.7 22.7 22.7 22.7 22.7 23.3 480.3 793.0 793.0	1,729 1,663 1,663 1,134 1,471 1,621 1,443 1,530 1,351 1,592 2,510 1,459	122,580 124,309 125,972 128,639 130,110 131,731 133,174 134,800 134,350 137,681 139,273 141,783	100 100 100 100 100 100 100 100 100 110 100 100	7,1 7,2 7,3 7,5 7,6 7,7 7,8 7,9 8,0 8,1
n-14 b-14 ar-14 or-14 ay-14 h-14 l-14 b-14 c-14 c-14	152.6 154.8 157.1	152.6 307.4 464.4 464.4 464.4	375 275 375 375 375 500 500 500 375 375 375 375 375	22,176 22,551 22,926 23,901 23,676 24,051 25,051 25,051 25,426 25,801 26,176 26,676 27,176	7.5 15.2 108.6 329.0	679.4 679.4 7.5 22.7 22.7 22.7 22.7 22.3 480.3 793.0 793.0 793.0	1,728 1,663 1,663 1,134 1,471 1,621 1,443 1,626 1,530 1,351 1,531 1,458 1,458	122,580 124,309 125,972 127,505 128,639 130,110 131,731 133,174 134,300 134,330 137,681 139,273 141,783 143,242 144,646	100 100 100 100 100 100 100 100 100 110 100 100 100	7,1 7,2 7,3 7,5 7,6 7,7 7,8 7,9 8,0 8,1 8,4
n-14 b-14 ar-14 or-14 or-14 or-14 or-14 or-14 or-14	157.6 154.8 157.1	152.6 307.4 464.4 464.4 464.4 464.4	375 375 375 375 375 500 500 375 375 375 375 500 500 500 500	22,176 22,551 22,926 23,901 23,676 24,051 25,675 25,426 25,801 26,176 26,676 27,551	7.5 15.2 108.6 329.0 332.8	679.4 679.4 7.3 22.7 22.7 22.7 22.7 23.1 480.3 793.0 793.0 793.0 793.0 793.0	1,729 1,663 1,134 1,471 1,443 1,426 1,530 1,1351 1,550 1,1459 1,468 1,468	122,580 124,509 125,597 125,597 128,639 130,110 131,731 139,174 134,330 134,330 137,681 139,273 141,783 141,783 144,644 5-61 145,842	100 100 100 100 100 100 100 100 100 110 100 100 100	7,1 7,2 7,3 7,5 7,6 7,7 7,8 7,9 8,0 8,1 8,2 8,3 8,4 8,5 8,000,8,6
n-14 b-14 ar-14 or-14 or-14 b-14 b-14 b-14 c-14 ar-14 ar-15	152.6 154.8 157.1	152.6 307.4 464.4 464.4 464.4	575 575 575 575 575 575 500 500 500 575 575	22,176 22,551 22,976 23,931 23,676 24,051 25,651 25,651 25,6676 26,676 27,576 27,576 28,676 27,576 28,676 27,576 28,676 27,576 28,676 27,576 28,676 27,576 28,676 27,576 28,676 27,576 28,676 27,576 28,676 27,576 28,901	7.5 15.2 	679.4 679.4 7.3 22.7 22.7 22.7 22.7 29.0 99.0 793.0 793.0 793.0 793.0 793.0	1,729 1,663 1,563 1,134 1,471 1,621 1,443 1,424 1,521 1,552 1,552 1,552 1,552 1,458 1,458 1,458 1,458	122,580 124,309 125,750 128,639 130,110 131,731 134,350 134,350 137,641 139,273 141,793 143,242 143,644 144,646 144,646 144,647 145,870	100 100 100 100 100 100 100 100 110 100 100 100 100 100 100 100 100 100 100	7,1 7,2 7,3 7,5 7,5 7,6 7,7 2,8 8,0 8,1 8,2 8,3 8,4 8,5 8,5 8,5 8,5 8,5 8,5 8,5 8,7 8,7 8,7 8,7 8,7 8,7 8,7 8,7 8,7 8,7
n-14 b-14 ar-14 or-14 or-14 or-14 b-14 b-14 b-14 b-14 b-14 b-14 b-14 b	157.4 154.8 157.1	374.4 2374.4 152.6 307.4 464.4 464.4 464.4 464.4	\$75 \$275 \$175 \$175 \$175 \$200 \$200 \$175 \$175 \$200 \$300 \$	22,176 22,551 22,551 22,076 23,676 24,051 24,051 25,426 25,801 26,176 27,176 27,176 27,176 27,176 27,176 28,676	7.5 15.2 108.6 339.0 332.8 	679.4 679.4 7.3 22.7 22.7 22.7 23.7 313.3 793.0 793.0 793.0 93.0 93.0 93.0 93.0 93.0 93.0 93.0	1,729 1,663 1,583 1,134 1,471 1,421 1,443 1,424 1,531 1,592 2,510 1,459 1,404 1,588 1,288 1,194	122,580 124,309 125,972 125,972 128,639 130,110 133,173 133,173 134,800 137,641 139,273 141,793 143,242 144,793 145,942 146,646	100 100 100 100 100 100 100 100 100 110 100 100 100 100 100 100 100 100 100	7,1 7,2 7,3 7,5 7,6 7,6 7,7 7,8 8,0 8,1 8,2 8,3 8,4 8,5 8,0 8,7 8,7 8,7 8,7 8,7 8,7 8,7 8,7 8,7 8,7
n-14 b-14 ar-14 or-14 or-14 b-14 b-14 b-14 b-14 b-14 b-14 b-14 b	157.6 154.8 157.1 157.1	374.4 374.4 374.4 374.4 374.4 464.4 464.4 464.4 464.4	375 177 178 177 175 175 175 175 175 175 175	22,176 22,551 22,551 22,552 23,676 24,051 25,676 25,551 25,426 25,676 26,676 27,176 27	108.6 329.0 332.8 15.2 108.6 329.0 332.8 108.6 1	679.4 679.4 7.5 7.5 22.7 22.7 22.7 131.3 480.3 793.0 793.0 793.0 793.0 8.0 793.0 8.0 793.0 793.0 793.0	1,729 1,663 1,1533 1,1531 1,471 1,621 1,1443 1,1590 1,1591 1,590 1,1591 1,464 1,160	122,580 124,309 125,972 125,956 128,639 130,110 131,731 131,731 134,800 136,350 137,661 139,273 141,783 141,783 141,783 141,783 141,783 141,646 145,842 146,646 146,670 146,670	100 100 100 100 100 100 100 100 100 100	7,1 7,2 7,3 7,5 7,5 7,6 7,7 7,8 8,0 8,1 8,5 8000 8,6
n-14 b-14 ar-14 ar-14 ar-14 b-14 b-14 ar-14 ar-14 ar-14 ar-14 ar-15 ar-15 ar-15 ar-15	157.4 154.8 157.1 167.156.856	\$78.4 374.4 374.4 152.6 307.4 464.4 464.4 464.4 464.4	375 152 377 175 375 375 500 500 175 375 375 375 375 375 375 375 3	22,176 22,551 22,551 23,676 24,051 25,676 25,676 26,676 27,571 28,301 28,676 27,571 28,301 28,676 28,676 28,301 28,676 29,551	7.5 15.2 108.6 339.0 332.4 	679.4 679.4 7.5 7.5 7.2.7 22.7 22.7 22.7 22.7 331.3 480.3 793.0 793.0 793.0 87.0 87.0 87.0 87.0 88.0 88.0 88.0 88	1,729 1,663 1,163 1,163 1,171 1,471 1,471 1,474 1,590 1,590 1,591 1,591 1,494 1,1985 1,296 1,199 1,199 1,199 1,199 1,199 1,199 1,199 1,199 1,199 1,199 1,199	122,580 124,509 124,509 125,505 128,639 130,110 134,330 134,330 134,330 137,641 139,273 141,783 143,242 146,870 146	100 100 100 100 100 100 100 100 100 100	7,1 7,2 7,3 7,5 7,5 7,6 7,7 7,8 8,0 8,1 8,5 8000 8,6 8,5
n-14 n-14 n-14 n-14 n-14 n-14 n-14 n-14	157.4 154.8 157.1	378.4 22.2 374.4 152.6 307.4 464.4 464.4 464.4 464.4	375 175 175 175 175 500 176 177 375 375 375 375 375 375 375 375 375 3	22,176 22,551 22,551 22,551 23,561 24,051 25,476 24,051 25,426 25,401 25,426 25,401 26,476 26,476 27,176 28,501 28,676 28,676 28,676 28,676 28,676 28,676 28,676 38,051	7.5 15.2 108.6 329.0 332.8 412022198 8.7	679.4 679.4 7.5 7.5 22.7 22.7 22.7 131.3 480.3 793.0 793.0 8.0 20.0 20.0 20.0 20.0 20.0 20.0 20.	1,729 1,663 1169,01,533 1199,01,533 1,471 1,421 1,424 1,530 1,351 1,550 2,510 1,458 1,159 2,510 1,458 1,250 1,159	122,580 124,309 125,972 128,639 130,110 131,731 131,731 134,380 137,681 144,860 144,646 3-1,145,942 146,544	100 100 100 100 100 100 100 100 110 10	7,1 7,2 7,3 3,277,7,4 7,6 7,7 7,8 8,1 8,1 8,2 8,3 8,4 8,5 8,0 9,3
n-14 h-14 h-14 h-14 h-14 h-14 h-14 h-14 h	157.6 154.8 157.1 157.1 157.1 157.1 157.1 157.1 157.1 157.1 157.1	\$78.4 374.4 	\$75 175 175 175 500 500 175 175 175 175 175 175 175 175 175 175	22,176 22,551 22,551 23,676 24,051 24,051 25,676 25,601 25,676 25,676 27,176 27,176 27,176 28,676 28	7.5 15.2 108.6 329.0 .332.4 	679.4 679.4 7.5 7.5 22.7 22.7 23.7 131.3 480.3 793.0 793.0 80.2 193.0 6.7 26.4 26.4 26.4 26.4	1,729 1,663 1,163 1,163 1,471 1,421 1,424 1,530 1,531 1,530 1,531 1,530 1,531 1,531 1,404 1,510 1,404 1,511 1,404 1,511 1,104 1,111 1,112 1,114	122,580 124,309 125,972 125,972 130,110 130,110 131,731 131,731 131,741 134,800 137,641 139,273 141,793 144,793 145,942 146,646 149,376 140,064 149,376 150,647 151,662 153,647	100 100 100 100 100 100 100 100 100 100	7,1 7,2 7,3 7,4 7,6 7,7 7,8 8,3 8,3 8,4 8,5 8,5 8,0 8,7 8,8 8,9 8,9 8,0 9,0 9,1
n-14 n-14 n-14 n-14 n-14 1-14 1-14 n-14 1-14 n-14 n	157.6 154.8 157.1 157.1 157.1 157.1 157.1 157.1 157.1 157.1 157.1	\$78.4 376.4 	375 173 175 175 375 375 500 175 375 375 375 375 375 375 500 177 375 375 375 375 375 375 375 375 375 3	22,176 22,551 22,551 23,676 24,051 25,651 25,426 25,676 26,676 27,176 26,676 27,176 28,676 28,001 28,001 28,001 28,001 30,001	7.5 15.2 108.6 108.6 332.8 1.7 17.6 121.9	679.4 679.4 7.5 7.7 22.7 22.7 22.7 23.1 131.3 480.3 793.0 793.0 793.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0 2	1,729 1,663 1,164 1,167 1,171 1,171 1,171 1,171 1,171 1,171 1,171 1,171 1,171 1,171 1,171 1,171 1,171 1,171 1,171 1,171 1,174 1,174 1,174 1,174 1,174 1,174 1,174 1,174 1,174 1,174 1,174 1,174 1,174 1,174 1,174 1,174 1,174	122,580 124,309 125,972 125,972 128,639 130,110 131,731 131,731 134,800 136,330 137,661 139,273 141,783 141,783 144,846 145,842 146,847 146,847 146,847 146,376 149,376 150,347 150	100 100 100 100 100 100 100 100 100 100	7,1 7,2 7,3 7,5 7,6 7,7 7,8 7,9 8,0 8,1 8,2 8,3 8,5 8,0 8,3 9,0 9,3 9,3
m-14 wb-14 ter-14 ter-14 ter-14 ter-14 ter-14 ter-14 ter-14 ter-14 ter-15	157.6 157.6 157.8 157.1 157.1 157.1 187.6 187.1	\$78.4 374.4 152.6 307.4 464.4 464.4 464.4 464.4 182.6 367.4 182.6 367.4	975 1776 1777 1775 970 1775 970 1775 970 1775 970 1775 970 1775 970 1775 970 1775 970 1775 970 970 970 970 970 970 970 970 970 970	22,176 22,551 22,551 23,676 24,051 25,676 25,676 26,676 27,576 26,676 27,576 28,300 28,676 29,501 28,300 38,676 39,051 30,051 30,050 31,176	7.5 15.2 108.6 339.0 332.0 17.6 17.6 121.9 388.0 370.9	679.4 679.4 7.5 7.5 7.2.7 22.7 22.7 22.7 331.3 480.3 793.0 793.0 793.0 8.7 28.4 28.4 28.4 28.4 348.3 556.3 887.2	1,729 1,663 1,1643 1,1643 1,471 1,421 1,424 1,530 1,531 1,592 2,510 1,459 1,46	122,580 124,509 124,509 128,639 130,110 130,110 134,330 134,330 134,330 134,342 141,783 141,783 144,643 146,870 146,870 146,870 150,347 150,347 151,862 153,971 155,169	100 100 100 100 100 100 100 100 100 100	7,1 7,2 7,3 7,5 7,6 7,7 7,9 8,0 0,1 8,3 8,4 8,5 8000 8,6 9,0 9,3
ec13 oct. m14 bit14 tam14 pm14 m14 bit14 tam14 pm14 bit14 tam14 pm16 tam15 m15 m15 m15 m15 m15 m15 m15	157.6 157.1 157.1 157.1 157.1 157.1 187.6 184.8 187.1	\$78.4 \$7.2 374.4 	375 175 175 175 175 175 175 175 175 175 1	22,176 22,551 22,551 23,561 23,676 24,051 25,426 25,601 25,426 25,426 25,426 27,176 26,676 27,176 28,501 28,676 28,501 28,676 28,501 38,676 38,426 39,426 31,476 31,476	7.5 15.2 108.6 108.6 332.8 1.7 17.6 121.9	679.4 679.4 7.5 7.5 7.5 7.7 22.7 22.7 22.7 131.3 403.3 793.0 793.0 8.7 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.4	1,729 1,663 1109,01,533 1109,01,533 1,471 1,471 1,424 1,530 1,351 1,550 2,510 1,458 1,256 1,250 1,159 1,159 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,104 1,105 1,104 1,104 1,104 1,104 1,104 1,105 1,106	122,580 124,309 125,972 128,639 130,110 131,731 131,731 131,741 134,800 134,783 147,783 149,242 144,644 149,376 149,242 148,064 149,376 153,180 153	100 100 100 100 100 100 100 100 100 100	7,11 7,21 7,21 7,21 7,21 7,21 7,21 7,21
mod4 wb 14 tan 15 tan 1	157.4 154.8 157.1 157.1 167.150306 167.150306 187.1	\$78.4 374.4 152.6 307.4 464.4 464.4 464.4 464.4 182.6 367.4 554.4 554.4	\$75 175 175 175 175 175 175 175 1	22,176 22,551 22,551 23,676 24,051 25,676 25,676 26,676 26,676 27,776 28,051 28,051 28,051 28,051 28,051 28,051 28,051 28,051 28,051 28,051 28,051 28,051 28,051 28,051 28,051 28,051 38,0426 38,001 31,176 32,176	7.5 15.2 108.6 339.0 332.0 17.6 17.6 121.9 388.0 370.9	679.4 679.4 7.5 7.7 22.7 22.7 22.7 23.3 793.0 793.0 793.0 8.7 26.4 26.4 26.4 26.4 148.3 516.3 887.2 887.2	1,729 1,663 1,104 1,471 1,421 1,426 1,590 1,591 1,592 2,510 1,459 1,494 1,194 1,191 1,191 1,191 1,198 1,198 1,198	122,580 124,309 125,972 125,972 130,110 130,131 131,731 134,730 137,631 139,273 141,783 144,646 145,942 146,646 149,976 150,547 151,664 153,971 153,671 153,684	100 100 100 100 100 100 100 100 100 100	7,1 7,2 7,2 7,2 7,5 7,5 7,7 7,7 7,9 9,1 8,2 8,3 8,4 8,5 8,5 8,5 8,5 8,5 8,5 8,5 8,5 8,5 8,5
n-14 n-14 n-14 n-14 n-14 1-14 1-14 n-14 1-14 n-14 1-14 n-15 n-15 n-15 n-15 n-15 n-15 n-15 n-15	152.6 154.8 157.1 157.1 174.0(15)(15)(16) 184.0 187.1	378.4 374.4 152.6 307.4 464.4 464.4 464.4 464.4 464.4 554.4 554.4 554.4	975 1976 1977 1975 1975 1975 1975 1975 1975 1975	22,176 22,551 22,551 23,676 24,051 25,651 25,426 25,676 26,676 27,176 28,570 28,301 28,676 28,301 28,301 31,176 30,405 31,176 31,176 31,176 31,176	7.5 15.2 106.6 332.4 	679.4 679.4 7.5 7.5 7.2.7 7.2.7 7.3.1 191.3 480.3 793.0 793.0 793.0 6.7 26.4 26.4 26.4 26.4 26.4 26.4 26.4 26.4	1,729 1,663 1,164 1,167	122,580 124,309 125,972 125,973 130,110 130,131 131,731 134,800 134,831 139,273 141,783 144,844 45,614,70 146,847 146,847 146,847 146,847 146,847 146,847 146,376 150,347 151,862 153,160 153,971 155,169 155,169 155,169 155,169 155,169 155,169 155,169 155,169 155,169 155,169 155,169	100 100 100 100 100 100 100 100 100 100	7,1,1,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,
n:34 hb:34 an:14 br:14 hi:4 hi:4 hi:4 hi:4 hi:4 hi:4 hi:4 hi:	157.4 154.8 157.1 157.1 167.150306 167.150306 187.1	\$78.4 374.4 152.6 307.4 464.4 464.4 464.4 464.4 182.6 367.4 554.4 554.4	975 1976 1977 1975 1975 1975 1975 1975 1975 1975	22,176 22,551 22,551 23,676 24,051 25,651 25,426 25,676 26,676 27,176 28,570 28,301 28,676 28,301 28,301 31,176 30,405 31,176 31,176 31,176 31,176	7.5 15.2 106.6 332.4 	679.4 679.4 7.5 7.7 22.7 22.7 22.7 23.3 793.0 793.0 793.0 8.7 26.4 26.4 26.4 26.4 148.3 516.3 887.2 887.2	1,729 1,663 1,104 1,471 1,421 1,426 1,590 1,591 1,592 2,510 1,459 1,494 1,194 1,191 1,191 1,191 1,198 1,198 1,198	122,580 124,309 125,972 125,972 130,110 130,131 131,731 134,730 137,631 139,273 141,783 144,646 145,942 146,646 149,976 150,547 151,664 153,971 153,671 153,684	100 100 100 100 100 100 100 100 100 100	7,1 7,2 7,2 7,2 7,5 7,5 7,7 7,7 7,9 9,1 8,2 8,3 8,4 8,5 8,5 8,5 8,5 8,5 8,5 8,5 8,5 8,5 8,5

2009		-	816.0	916	_	·		13,218	331
2010	الأحاصا	95,5	4,394.7	7,215		149.5		53,401	2,943
2011		266.0	6,206.4	12,403		511.5		91,792	4,990
2012		264.4	11,719.2	17,926		573.2	-	105,509	6,205
2013		374.4	11,206.4	22,926		679.4		127,505	7,415
2014		461,4	15,715.2	27,926		793.0		145,947	5,625
2015		554.4	16 206.4	32,926		687.2		160,879	 9.635

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

				Residential	Ge	eneral Service
1	Revenues (\$000s) ¹		\$	1,531,828	\$	988,894
2	Customer Charge Revenues (\$000s)			90,764		30,070
3	Revenues Net of Customer Charge	Lines 1 - 2	\$	1,441,065	\$	958,825
4	GRT in Rates	Line 3 x 3.22%		46,402	_	30,874
5	Revenues Net of Cust Chge & GRT	Lines 3 - 4	\$	1,394,662	\$	927,950
6	Uncollectible Rates	W/P B-6	mi il	0.4683%	1 :	0.0402%
7	Uncollectible Portion of Rates	Lines 5 x 6	\$	6,532	\$	373
8	Net Revenues	Lines 5 - 7	\$	1,388,131	\$	927,578
9	Fuel Revenue (\$000s)			468,701		350,914
10	Adjusted Net Margin	Lines 8-9	\$	919,429	\$	576,664
11	Sales (MWHs)			15,518,535		11,968,323
12	Adjusted Base Revenue per MWh (\$)	Lines 10/11	\$	59.25	\$	48.18
	Net Lost Revenue Rate for Test Period	_				
13	Adjusted Base Revenue per MWh (\$)	Line 12	\$	59.25	\$	48.18
14	2011 Rate Variable O&M Rate per MWh	From CSP Study	\$	2.86	\$	2.86
15	Months in 2010 Calendar Period	Apr-Dec		9.0		9.0
16	Product of 2010 Months X VOM Rate	Lines 14 x 15	\$	25.70	\$	25.70
17	2012 Rate Variable O&M Rate per MWh	From CSP Study	\$	2.91	\$	2.91
18	Months in 2011 Calendar Period	Jan-Mar		3.0		3.0
19	Product of 2011 Months X VOM Rate	Lines 17 x 18	\$	8.72	\$	8.72
20	Weighted Variable O&M Rate per MWh	Lines(16 + 19)/12	\$	2.87	\$	2.87
21	Net per MWh Rate for Test Period Calculations	Lines 13 - 20	\$	56.38	\$	45.31
	Net Lost Revenue Rate for Prospective Period	•				
22	Adjusted Base Revenue per MWh (\$)	 Line 12	\$	59.25	\$	48.18
23	2012 Rate Variable O&M Rate per MWh	Line 17	-	2.91		2.91
24	Net per MWh Rate for Prospective Period	Lines 22 - 23	\$	56.34	\$	45.28
	Net Lost Revenue Rate for Rate Period	,				
25	Adjusted Base Revenue per MWh (\$)	Line 12	\$	59.25	\$	48.18
26	2012 Rate Variable O&M Rate per MWh	From CSP Study	\$	2.91	\$	2.91
27	Months in 2012 Calendar Period	Dec-12]	1.0		1.0
28	Product of 2012 Months X VOM Rate	Lines 26 x 27	\$	2.91	\$	2.91
29	2013 Rate Variable O&M Rate per MWh	From CSP Study	\$	2.96	\$	2.96
30	Months in 2013 Calendar Period	Jan-Nov 2013]	11.0		11.0
31	Product of 2013 Months X VOM Rate	Lines 29 x 30	\$	32.53	\$	32.53
32	Weighted Variable O&M Rate per MWh	Lines(28 + 31)/12	\$	2.95	\$	2.95
33	Net per MWh Rate for Rate Period Calculations	Lines 25 - 32	\$	56.29	\$	45.23

¹All revenue and sales values are based on calendar year 2011

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

200	9 Vintage		1	dential Home Advantage
1	Present Value of Avoided Costs	WP D-6A	\$	844,910
2	Present Value of Program Costs	WP D7-A		375,070
3	Net Program Benefits		\$	469,840
4	NC Allocation Factor	Line C Below		84.98%
5	NC Allocated Utility Cost Test	Lines 3 X 4	\$	399,249
6	DSM Program Incentive at 8%	Lines 5 X 8%		
7	EE Program Incentive at 13%	Lines 5 X 13%	\$	51,902
8	Program Performance Incentive (PPI)	Lines 6 + 7	\$	51,902
9	Income Tax Rate	Docket E-2, Sub 951		37.68%
10	Income Taxes	- (Lines 8 X 9)	\$	(19,557)
11	Net-of-Tax PPI - Total NPV	Lines 9 + 10	\$	32,346
12	Rev Vintage Year 2009 - Year 1 PPI	<u>Line 11 x 0,086693 x (1 + 0,088693)</u> ¹⁶ (1 + 0,088693) ¹⁰ - 1		4,997.01
13	Income Tax Gross-Up Factor	1 - Line 9		62.32%
14	Adjusted PPI	Line 12/Line 13		8,018.30
15	PPI Values for Test Period	Line 14		8,018.30
16	Original Vintage 2009 PPI	Docket E-2, Sub 951 WP D-1	\$	5,810.87
17	PPI Over / (Under) Collection	Line 16 - Line 15		(2,207.43)
18	Years at Original PPI Level	April 2009 through March 2011		2.0
19	Cumulative PPI Over/(Under) Collection	Lines 17 X 18	\$	(4,414.85)
20	Carrying Costs at 8.8693%	Line 18 X Line 19 X 8.8693	\$	(783.13)
	Collection Midpoint to Refund Midpoint (6/1/11 to 6/1/13)			
21	PPI Over/(Under) Collection w/CCost	Lines 19 + 20	\$	(5,197.99)
Allo	cation Factors			
Α	01-2009 thru 04-2009	Docket E-2, Sub 951		84.81%
В	05-2009 thru 12-2009	Docket E-2, Sub 951		85.06% ⁻
		20000 L 2, 000 001		

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

			F	Residential	
201	0 Vintage		Appliance	IG Demand	
	0-			Recycling	Response
1	Present Value of Avoided Costs	W/P D-6A	\$	2,703,336	\$ 11,445,649
2	Present Value of Program Costs	W/P D-1A		1,036,855	5,260,821
3	Net Program Benefits	•	\$	1,666,482	\$ 6,184,828
4	NC Allocation Factor	Line C Below		85.29%	85.98%
5	NC Allocated Utility Cost Test	Lines 3 X 4	\$	1,421,398	\$ 5,317,715
6	DSM Program Incentive at 8%	Lines 5 X 8%			\$ 425,417
7	EE Program Incentive at 13%	Lines 5 X 13%	\$	184,782	
8	Program Performance Incentive (PPI)	Lines 6+7	\$	184,782	\$ 425,417
9	Income Tax Rate	Docket No. E-2, Sub 1002		39.21%	39.21%
10	Income Taxes	- (Lines 8 X 9)	\$	(72,444)	\$ (166,785)
11	Net-of-Tax PPI - Total NPV	Lines 9 + 10	\$	112,338	\$ 258,632
12	Rev Vintage Year 2010 - Year 1 PPI	<u>Line 11 x 0.088605 x (1 + 0.088605)</u> 10 (1 + 0.089234) 10 - 1	\$	17,397	\$ 40,053
13	Income Tax Gross-Up Factor	1 - Line 9		60.80%	60.80%
.14	Adjusted PPI	Line 12/Line 13	\$	28,616	\$ 65,882
15	PPI Values for Test Period	Line 14	\$	28,616	\$ 65,882
16	Original Vintage 2010 PPI	Docket No. E-2, Sub 1002		22,269	56,358
17	PPI Over / (Under) Collection	Line 16 - Line 15	\$	(6,347)	\$ (9,524)
18	Years at Original PPI Level	April 2009 through March 2011		1.0	 1.0
19	Cumulative PPI Over/(Under) Collection	Lines 17 X 18	\$	(6,347.45)	\$ (9,524.42)
20	Carrying Costs at 8.8693% Collection Midpoint to Refund Midpoint (6/1/11 to 6/1/13)	Line 18 X Line 19 X 8.8693	\$	(562.97)	\$ (844.75)
21	PPI Over/(Under) Collection w/CCost	Lines 19 + 20	\$	(6,910.42)	\$ (10,369.17)
Allo	cation Factors				
Α	01-2010 thru 04-2010	Docket E-2, Sub 1002		85.06%	86.16%
В	05-2010 thru 12-2010	Docket E-2, Sub 1002		85.41%	85.89%
С	Weighted Allocation	(Line A x 4 + Line B x 8) / 12		85.29%	85.98%
C	MeiPuren Vilocation	(CHECKAT · CHECKO)/ IL		JJ. LJ/0	55.5570

WP D-6A
Page 1 of 3

PEC Residential Home Advantage	- Vintage Year-2009

		BEN	EFITS	BENEFITS						
	(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)						
2009	27	11	14	53						
2010	37	12	15	63						
2011	40	12	15	67						
2012	42	12	16	70						
2013	54	13	16	83						
2014	54	13	17	84						
2015	59	14	17	. 90						
2016	63	14	18	95						
2017	69	14	18	101						
2018	74	15	19	107						
2019	72	15	19	107						
2020	68	15	20	103						
2021	70	16	20	106						
2022	. 78	16	21	115						
2023	80	17	22	119						
2024	. 86	17	22	126						
2025	91	18	23	. 131						
2026	99	18	24	141						
2027	104	19	24	147						
2028	113	19	25	157						
2029	0	0	0	0						
2030	0	0	0	0						
2031	0	0	0	0						
2032	0	0	0	0						
2033	0	Ō	0	0						
2034	0	0	0	0						
2035	. 0	0	0	0						
2036	0	0	0	0						
2037	0	0	Ö	0						
2038	0	ō	0	0 .						
NOMINAL	1,380	300	384	2,064						
NPV	609	144	183	936						
Present Value: Revised Avoide Utility Discount	ed Costs	i=8.46% (See WP D7 8.46	7-A)	935,526 844,910						

WP D-6A Page 2 of 3

PEC Residential Appliance Recycling - Vintage Year-2010

	BENEFITS					
_	(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)		
2010	202	34	37	274		
2011	204	35	38	278		
2012	224	36	39	298		
2013	231	37	39	308		
2014	335	38	40	413		
2015	351	39	41	431		
2016	367	40	42	449		
2017	384	40	43	467		
. 2018	408	41	43	493		
2019	430	42	44	516		
2020	0	0	0	0		
2021	0	0	0	0		
2022	0	0	0	0		
2023	0	0	0	O.		
2024	0	0	0	o		
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	3,137	383	406	3,925		
NPV	2,140	273	290	2,703		
Present Value:		i=8.03%		2,703,336		
Utility Discount Ra	ite:	e: 8.03				

WP D-6A
Page 3 of 3
PEC CIG Demand Response Automation - Vintage Year-2010

_	BENEFITS						
·	- (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)			
2009	0	0	0	0			
2010	66	0	664	730			
2011	67	0	684	751			
2012	63	0	704	767			
2013	73	0	725	798			
2014	78	0	747	825			
2015	85	0	769	854			
2016	92	0	792	885			
2017	99	0	816	915			
2018	106	o ´	841	947			
2019	93	0	866	959			
2020	87	0	892	979			
2021	105	0	919	1,024			
2022	121	0	946	1,067			
2023	133	0	975	1,108			
2024	141	0	1,004	1,145			
2025	139	0	1,034	1,173			
2026	146	0	1,065	1,211			
2027	158	0	1,097	1,255			
2028	148	0	1,130	1,278			
2029	147	0	1,164	1,311			
2030	153	0	1,199	1,351			
2031	158	0	1,235	1,393			
2032	165	0	1,272	1,437			
2033	185	0	1,310	1,495			
2034	195	0	1,349	1,544			
2035	199	0.	1,390	1,588			
2036	208	0	1,431	1,639			
2037	213	Ō	1,474	1,687			
2038	215	0	1,518	1,734			
NOMINAL	3,840	0	30,011	33,850			
NPV	1,210	0	10,236	11,446			
Present Value:		i=8.03%		11,445,649			
Utility Discount Ra	ate:	8.03					

Progress Energy Carolinas, Inc.
Net Benefit Adjustments for PPI Determination
Home Advantage - Vintage Year 2009

σ	<u></u>	(st)		S	4	25	28	<u>∞</u>	27	s	စ္ကူ
Net Savings	\$ 243,952.61	(Avd Cost-Tot Cost)		Other Costs	\$ 23,075.14	240,152	5,128	261,518	529,873.	Net Savings	469,840.3
ž	69	(Avd		δ	€				€9	ž	\$
Other Costs	529,873.57	(Tot Cost - Incent)	Incentives	As Adjusted	2,783.13	39,799	5,566	113,552	161,700.00 \$ 529,873.57	Other Costs	261,518.25 \$ 469,840.30
, .	s,	<u></u>		_	⇔				⇔)	⇔
Incentives	161,700.00	(D10)		Incentives	3,000.00	42,900	000'9	122,400	174,300.00 (D10A)	Incentives	113,551.81
	s				υ				69		⇔
Program Costs	\$ 691,573.57	(D10)	Avoided Costs	As Adjusted	\$ 4,275.61	69,769.81	16,570.40	844,910.36	\$ 935,526.18 (D7-A1)	Program Costs	\$ 375,070.05
Avoided Costs	935,526.18	(D7-A1)		Avoided Costs	4,263.65	69,574.54	16,524.03	842,545.64	\$ 932,907.85 (D7-A _n)	Avoided Costs	\$ 844,910.36
	8		a)		49	_	9	ω.			•
Premise Count	620	(D10-A)	Premise	Count	27	281	Ū	306	620	Premise Count	306
P/F	L			P/F	ഥ	ட	ட	۵		Data Set	۵
TRC	0.9055	(D7-A1)		TRC	0.6566	0.8989	0.3865	2.2369	•	TRC	2.2369
Source	D7-A1				D7-A2	D7-A3	D7-A4	D7-A5	ΣL2 to 5		
	Total Program (2009 Present Value)				Central AC (2009 Present Value)	AS Heat Pump (2009 Present Value)	GS Heat Pump (2009 Present Value)	HA Package (2009 Present Value)	Measures Totals		Adjusted Vintage Year 2009 Results 1 (net of Measures with TRC results less than 1)
•	_				2	က	4	2	Ó		7

¹ Please refer to process schematic identified as WP D-8

PROGRAM:

PEC Residential Home Advantage - Vintage Year-2009

Total Resource Cost (TRC) Test

	•	BEN	EFITS			costs					
	(1) TOTAL	(2) AVOIDED	(3) AVOIDED	(4)	(5) UTILITY	(6)	(7)	(8)			
	FUEL & O&M		GEN. CAP.	TOTAL	PROGRAM	PARTICIPANT'S	TOTAL	NET			
	SAVINGS	COSTS	COSTS	BENEFITS	COSTS	COST	COSTS	BENEFITS			
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)			
2009	27	11	14	53	530	503	1,033	-980			
2010	37	12	15	63	0	0	0 -	63			
2011	40	12	15	67	0	0	0	67			
2012	42 、	12	16	70	0	0	0	70			
2013	· 54	13	16	83	0	0	0	83			
2014	54	13	17	84	0	0	0	84			
2015	59	14	17	90	0	0	0	90			
2016	63	14	18	95	0	0	0	95			
2017	69	14	18	101	0	0	0	101			
2018	74	15	19	107	0	0	0	107			
2019	72	15	19	107	0	0	· O	107			
2020	68	15	20	103	0	0	0	103			
2021	70	16	20	106	0	0	0	106			
2022	78	16	21	115	0	0	0	115			
2023	80	17	22	119	0	0	0	119			
2024	86	17	22	126	0	0	. 0	126			
2025	91	18	23	131	0	0	0	131			
2026	99	18	24	141	0	0	0	141			
2027	104	19	24	147	0	. 0	0	147			
2028	113	19	25	157	0	0	0	157			
2029	0	0	0	0	0	. 0	0	0			
2030	Õ	ō	ō	Ō	. 0	0	0	0			
2031	Ö	ŏ	ō	Ö	0	0	0	0			
2032	ŏ,	ŏ	ŏ	Ō	0	0	0	0			
2033	o o	Ŏ	ŏ	Ö	0.	Ó	0	0			
2034	Ö	Ö	Ö	0 .	0	0	0	0			
2035	ŏ	ŏ	Ö	0	0 -	0	Ó	0			
2036	Ŏ	Ö	ō	Ö	. 0	0	0	0			
2037	Ö	ŏ	ő	Ö	Ō	0	0	0			
2038	ŏ	ŏ	ŏ	Ö	0	0	0	0			
OMINAL	1,380	300	384	2,064	530	503	1,033	1,031			
PV	. 609	144	183	936	530	503	1,033	-98			

PROGRAM: PEC Residential Home Advantage - Central AC (Seer-15) Measure - Vintage Year-2009

Total Resource Cost (TRC) Test

•		REN	EFITS			costs		
	(1) TOTAL	(2) AVOIDED	(3) AVOIDED	(4)	(5) UTILITY	(6)	(7)	(8)
	FUEL & O&M	Ť&D CAP.	GEN. CAP.	TOTAL	PROGRAM	PARTICIPANT'S	TOTAL	NET
	SAVINGS	COSTS	COSTS	BENEFITS	COSTS	COST	COSTS	BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2009	0	0	0	0	0	6	6	-6
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	. 0	0	0	0
2012	0	0	0	1	0	0	0	1
2013	0	0	0	0	0	0	0	0
2014	0	0	0	0	0	0	0	0
2015	0	0	0	0 .	0	0	0	0
2016	0	0	0	0	0	0	0	0
2017	0	0	0	· 1	0	0	Ο .	1
2018	0	0	0	0	0	0	0	0
2019	0	0	0	1	0	0	0	1
2020	0	0	0	0	0	0	0	0
2021	0	0	0	1	0	0	0	1
2022	1	Ō	Ó	1	0	0	0	1
2023	1	· o	Ó	1	0	0	0	1
2024	0	ō	Ō	0	0	0	0	0
2025	1	Ö	Ö	1	0	Ō	0	1
2026	1	Ö	ŏ	1	<u>0</u> ·	0	0	1
2027	Ö	Õ	. 0	Ô	0	0	0	0
2028	0	Ö	. 0	Ô	0	Ô	0	0
2029	. 0	Ö	Ö	Ö	Ö	Ō	0	0
2029	. 0	ő	Ö	Ö	Ö	Ö	Ō	0
2030	0	Ö	Ö	ő	. 0	Ô	Ō	. 0
2031	0	Ö	0	ñ	ő	Ö	Ō	Ö
2032	0	0	Ö	0 ·	ő	Õ	Ô	Ö
2033	. 0	0	0	0	Ö	Ö	ŏ	. 0
2034	0	0	0	0	0	0	ő	Ö
	-	0	0	0	0	0	Õ	0
2036	0			0	0	0	0	ő
2037	0	0	0	0	0	0 .	Ö	Ŏ
2038	0	0	0	U				
IOMINAL	3	3	3	9	0	6	6	3
IPV	1	1	1	4	0	6	6	-2

PROGRAM: PEC Residential Home Advantage - Heat Pump (SEER-15) Measure - Vintage Year-2009

		BEN	EFITS				COSTS		•
	(1) TOTAL	(2) AVOIDED	(3) AVOIDED	(4)		(5) UTILITY	(6)	(7)	. (8)
	FUEL & O&M		GEN. CAP.	TOTAL		PROGRAM	PARTICIPANT'S	TOTAL	NET
	SAVINGS	COSTS	COSTS	BENEFITS		COSTS	COST	COSTS	BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)		\$(000)	\$(000)	\$(000)	\$(000)
2009	2	1	1	4		0	77	77	-73
2010	2	1	1	5		0	О .	0	5
2011	2	1 .	1	5		0	0	0	5
2012	2	1	1	5		0	0	0	5
2013	3	1	1	6		0	0	0	6
2014	4	1	1	7		0	0	0	7
2015	4	1	2	7		0	0	0	7
2016	4	1	2	6		0	0	0	6
2017	5	1	2	8		0	0	0	8
2018	6 .	1	2	9		0	0	0	9
2019	5	1	2	8		0	0	0	8
2020	4	1	2	8		0	0	0	8
2021	5	1	2	8		0	0	0	8
2022	5	1	2	9	٠	0	0	0	9 ·
2023	5	1	2	9		0	0	0	9
2024	6	2	2	9		0	0	0	. 9
2025	6	2	2	10		0	0	0	10
2026	7	2	2	10		0	0	0	10
2027	6	2	2	10		0	0	0	10
2028	8	2	2	12		0	0	0	. 12
2029	0	0	0	0		0	0	0	0
2030	0	0	0	0		0	0	0	0
2031	0	0	0	0		0	0	0	0
2032	0	0	0	0		0	0	0	0
2033	0	0	0	0		0	0	0	0
2034	0	Ō	0	0		0	0	0	0
2035	Ō	ō	Ō	0		0	0	0	0
2036	Ŏ	ō	Ö	0		0	0	0	0
2037	Ŏ	Ö	Ŏ	Ō		0	0	0	0
2038	Ō	Ö	0	0		0	0	0	0
OMINAL	92	27	34	153		0	77	77	76
PV	40	13	16	70		0	77	77	-8

WP D7-A4

PROGRAM: PEC Residential Home Advantage - Ground Source Heat Pump Measure - Vintage Year-2009

Total Resource Cost (TRC) Test COSTS **BENEFITS** (4) (5) (6) (7) (8) (1) (2) AVOIDED AVOIDED UTILITY **TOTAL** FUEL & O&M T&D CAP. GEN. CAP. PROGRAM PARTICIPANT'S **TOTAL NET** TOTAL **BENEFITS** COSTS COST COSTS **BENEFITS SAVINGS** COSTS COSTS \$(000) \$(000) \$(000) \$(000) \$(000) \$(000) \$(000) YEAR \$(000) -42 2 2 2 2 2 3 -7 NOMINAL -26 NPV

377

466

PROGRAM: PEC Residential Home Advantage - Energy Star Measure - Vintage Year-2009

		·		Total Resource (Cost (TRC) Test			
		BEN	EFITS			costs		
	(1) TOTAL	(2) AVOIDED	(3) AVOIDED	(4)	(5) ÚTILITY	(6)	(7)	. (8)
	FUEL & O&M		GEN. CAP.	TOTAL	PROGRAM	PARTICIPANTS	TOTAL	NET
	SAVINGS	COSTS	COSTS	BENEFITS	COSTS	COST	COSTS	BENEFIT
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2009	25	10	13	47	0	377	377	-329
2010	34	10	13	57 ·	0	0	0	57
2011	36	11	13	60	0	0	0	60
2012	38	11	14	62	- 0	0	0	62
2013	49	11	. 14	75	0	. O	0	75
2014	50	· 11	15	76	0	0	0	76
2015	54	12	15	81	0	0	0	81
2016	58	12	15	85	0	0	0	85
2017	63	12	16	91	0	0 .	0	91
2018	68	13	16	97	. 0	0.	0	97
2019	66	.13	17	96	0	0	0	96
2020	63	14	17	93	0	0	0	93
2021	64	14	18	96	0	0	0	96
2022	71	14	18	104	0	0 ·	0	104
2023	73	15	19	107	0	0	0	107
2024	79	15	19	114	0	0	0	114
2025	84	15	20	119	0	0	0	119
2026	90	16	21	127	0	0	0	127
2027	96	16	21	134	0	0	0	134
2028	103	17	22	141	0	0	0	141
2029	0	. 0	0	0	0	0	0	0
2030	0	. 0	0	0	0	0	0	0
2031	0	0	0	0	. 0	0	0	0
2032	0	0	0	0	0	0	0	0
2033	0	0	. 0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0 .	0
2038	0	0	0	0	0	0	0	0
OMINAL	1,263	262	336	1,861	0	377	377	1,485

Utility Discount Rate = 8.46 Benefit Cost Ratio = 2.237

843

NPV

.557

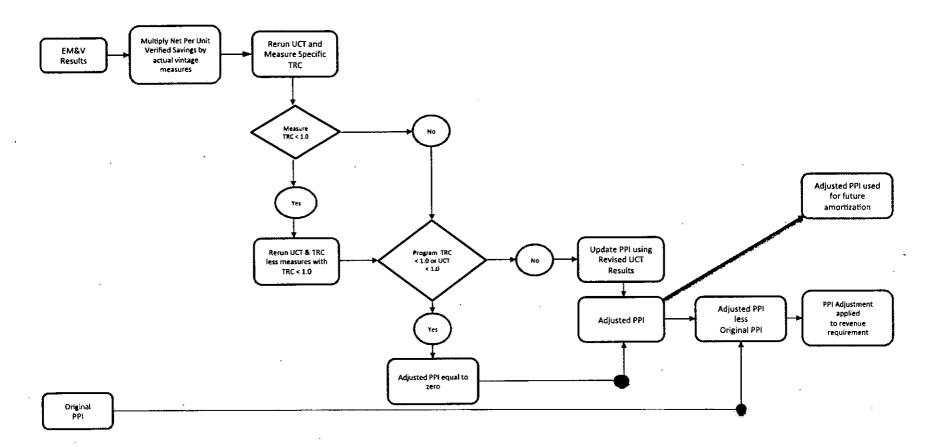
126

160

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377

EM&V Program Performance Incentive (PPI)True-Up Process



WP D-10

Progress Energy Carolinas, Inc. PROGRAM COSTS AND INCENTIVES

Program Incentives (Summary)	Y	TD 2009 A	YTD 2010 A	YTD 2011 A	YTD 2012 Est
RES HOME ENERGY IMPROVEMENTS		1,596,369	5,911,428	4,940,264	5,075,000
HOME ADVANTAGE		161,700	609,200	1,174,600	387,000
ENERGYWISE		288,775	1,231,950	2,088,825	3,015,000
ENERGY EFFICIENCY FOR BUSINESS	-	1,484,920	3,881,069	5,942,500	6,405,000
CIG DEMAND RESPONSE		2,040	463,875	991,436	1,261,000
RESIDENTIAL LIGHTING		-	5,173,950	3,967,465	4,558,000
APPLIANCE RECYCLING PROGRAM		-	324,600	379,550	636,000
RES BENCHMARKING		_	-	•	-
SMALL BUSINESS DIRECT INSTALL		-	-	-	1,960,000
RES NEW CONSTRUCTION		-	-	-	2,596,125
	Total	3,533,804	17,596,072	19,484,639	25,893,125

Total Program Expenses		YTD 2009 A	YTD 2010 A	YTD 2011 A	YTD 2012 Est
RES HOME ENERGY IMPROVEMENTS		2,809,135	7,756,442	6,473,411	6,224,361
HOME ADVANTAGE		691,574	1,080,571	1,610,520	718,264
ENERGYWISE		4,644,413	6,239,359	11,859,041	12,706,081
ENERGY EFFICIENCY FOR BUSINESS		3,372,021	6,239,359	8,628,963	9,644,994
CIG DEMAND RESPONSE		310,554	1,025,677	1,560,411	2,024,162
RESIDENTIAL LIGHTING		248,652	6,517,118	5,871,613	6,143,444
APPLIANCE RECYCLING PROGRAM		55,941	1,036,855	1,275,400	2,038,051
RES BENCHMARKING			65,026	691,232	763,850
SMALL BUSINESS DIRECT INSTALL			-	15,595	2,485,085
RES NEW CONSTRUCTION			-	-	3,718,730
THE THE TOTAL THE	Total	12,132,290	29,960,407	37,986,186	46,467,019

Progress Energy Carolinas, Inc.

Incentive Data Extract - Tracking Database (2009)

T:Program Identifier	T:Rebate Number	Premise Count 281	T:Measure Rebate Amt 42,900	T:Measure Category	T:Measure Subcategory Air Source Heat Pump Total
		27	3,000		Central Air Conditioner Total
		. 6	6,000		Geothermal Heat Pump Total
		306	122,400		HA Package Total
Residential Home Advantage (RHA)	•	620	174,300		Grand Total

\$ 9,788.25

Progress Energy Carolinas, Inc.

Determination of Net Lost Revenues Associated With DSM Programs

EnergyWise Summer

	Vintage kW 2009	Vintage IkW 2009	Vintage kW 2010	Vintage IkW 2010	Vintage kW 2011	Vintage IkW 2011	Vintage kW 2012	Vintage IkW 2012	Vintage kW 200 9	Vintage kW 2010	Vintage kW 2011	Vintage kW 2012	MWH Savings	Vintage MWh 2009	Vintage MWh 2010	Vintage MWh 2011	Vintage MWh 2012
	(e)	(b) = I(a)	(c)	(d) = I(c)	(e)	(f) = I(e)	(6)	(h) = Z(g)	(4-(h)/(h)+(e)+(g)+(i)	(j =(e)/[(b]+(e)+(g)+(l)]	(L)-(e)-(e)-(e)-(i)	(0-(1/((h)+(e)+(g)+(l))	(m) W/P D-38	(n) = (j) x (m)	(a) = (k) x (m)	(p) = 10 x (m)	(a) = (m) x (m
Jan-09	-	., .,						-	-	-		•	-	-	-	-	•
Feb-09	-	-				-	•			-		•	-	-	-	•	-
Mar-09		-	-			-	-	-		-	=	•	-	•	•		-
Арг-09	212.0	212.0		-	-	-	-	-	100.0%	0.0%	0.0%	0.0%	-	-	-	-	•
May-09	580.0	792.0	_		-	-	-	-	100.0%	0.0%	0.0%	0.0%	-	-	-	-	
Jun-09	1,395.0	2,187.0		-		-	•		100.0%	0.0%	0.0%	0.0%	-	-			
Jul-09	1,639.0	3,826.0	_	-	-	-	-	-	100.0%	0.0%	0.0%	0.0%	-	-		-	-
Aug-09	1,766.0	5,592.0	-	-		-		-	100.0%	0.0%	0.0%	0.0%	-	-	-	-	-
Sep-09	2,019.0	7,611.0	-	•	-	-	-		100.0%	0.0%	0.0%	0.0%	-	•	-	-	•
Oct-09	2,175.0	9.786.0	-		-	4	-	-	100.0%	0.0%	0.0%	0.0%	-	•	•	-	•
Nov-09	1,639.0	11,425.0		-		-		-	100.0%	0.0%	0.0%	0.0%	•	-	-	-	-
Dec-09	1,793.0	13,218.0		-			-	-	100.0%	0.0%	0.0%	0.0%	-	-	-	-	-
Jan-10	-,	13,218.0	2,464.0	2,464.0		-	-	-	84.3%	15.7%	0.0%	0.0%	-	-	-	-	-
Feb-10		13,218.0	2,554.0	5,018.0	-	-	-	÷	72.5%	27.5%	0.0%	0.0%	-	-	-		-
Mar-10		13,218.0	3,725.0	8,743.0	-		-	-	60.2%	39.8%	0.0%	0.0%	-	-	-	-	-
Apr-10		13,218.0	3,865.0	12,608.0	-		-	-	51.2%	48.8%	0.0%	0.0%	-	-	•	-	
May-10		13,218.0	3,748.0	16,356.0	-		-	-	44.7%	55.3%	0.0%	0.0%	30.76	13.75	17.01	-	-
Jun-10		13,218.0	3,558.0	19,914.0	•	-		-	39.9%	60.1%	0.0%	0.0%	34.46	13.75	20.71		•
Jul-10	-	13,218.0	3,900.0	23,814.0	-		•	-	35.7%	64.3%	0.0%	0.0%	38.51	13.75	24.77	-	
Aug-10	-	13,218.0	3,930.0	27,744.0	-		-	- '	32.3%	67.7%	0.0%	0.0%	42.60	13.75	28.85	-	-
Sep-10		13,218.0	3,602.0	31,346.0				-	29.7%	70.3%	10.0%	0.0%	-	-	-	-	-
Oct-10		13,218.0	3,555.0	34,901.0	-		-	_	27.5%	72.5%	0.0%	0.0%	-	•	•	•	
Nov-10	_	13,218.0	2,690.0	37,591.0	-	-	-	-	26.0%	74.0%	0.0%	0.0%	-	-	•		-
Dec-10	-	13,218.0	2,592,0	40,183.0	-		-	-	24.8%	75.2%	0.0%	0.0%	-		-	-	-
Jan-11		13,218.0	· -	40,183.0	2,620.0	2,620.0		-	23.6%	71.7%	4.7%	0.0%		*	•		
Feb-11		13,218.0		40,183.0	3,030.0	5,650.0	-		22.4%	68.0%	9.6%	0.0%	-	-	-	-	-
Mar-11		13,218.0		40,183.0	3,474.0	9,124.0		-	21.1%	64.3%	14.6%	0.0%		-	-	-	
Apr-11	_	13,218.0	-	40,183.0	3,922.0	13,046.0	-	-	19.9%	60.5%	19.6%	0.0%	-	-	-	-	-,
May-11	-	13,218.0	_	40,183.0	3,836.0	16,882.0	-	-	18.8%	57.2%	24.0%	0.0%	38.00	7.15	21.73	9.13	
Jun-11	-	13,210.0	-	40,183.0	3,108.0	19,990.0			18.0%	54.8%	27.2%	0.0%	39.80	7.17	21.79	10.84	
Jul-11		13,218.0		40,183.0	2,904.0	22,894.0	-		17.3%	52.7%	30.0%	0.0%	230.00	39.85	121.14	69.02	į .
Aug-11	-	13,218.0	-	40,183.0	2,782.0	25,676.0	-	-	16.7%	50.8%	32.5%	0.0%	201.00	33.60	102.14	65.26	, -
Sep-11	_	13,218.0	-	40,183.0	2,608.0	28,284.0	•		16.2%	49.2%	34.6%	0.0%		•	-	-	-
Oct-11		13,218.0		40,183.0	3,709.0	31,993.0	-	-	15.5%	47.1%	37.5%	0.0%	-	-	-	-	-
Nov-11		13,218.0		40,183.0	3,382.0	35,375.0		-	14.9%	45.3%	39.8%	0.0%		-	-		-
Dec-11		13,218.0		40,183.0	3,016.0	38,391.0	-	-	14.4%	43.8%	41.8%	0.0%	-	-	-	-	-
Jan-12 3	_	13,218.0		40,183.0		38,391.0	2,460.0	2,460.0	14.0%	42.6%	40.7%	2.6%	-		•	_	
Feb-12	-	13,218.0		40,183.0	-	38,391.0	2,490.0	4,950.0						-	-	-	-
Heb-12 Mar-12	-	13,218.0	-	40,183.0		38,391.0	1,180.0	6,130.0						-			

655.13 142.75 358.13 154.25 Recoverable Lost Sales (MWHs) 454.39 108.71 254.69 90.99 Recovered MWH (thru Docket E-2 Sub 1002) 63.26 Amounts to be Recovered in Docket E-2 Sub XXXX 200.74 34.04 103.44 86.49% NC DSM Jurisdictional Allocation Factor (W/P B, Line 3) 86.49% 86.49% 86.49% 173.62 29.44 89.47 54.71 Recoverable Jurisdictional Net Lost Sales (MWHs) \$ 56.38 \$ 56.38 \$ 56.38 \$ 56.38 Net Lost Revenue Rate per MWH (W/P D-3, Line 21) \$ 1,659.64 \$ 5,043.99 \$ 3,084.62 \$ Recoverable Net Lost Revenues (By Vintage)

Recoverable Net Lost Revenues (Total)

Note: ¹ Actual experience levels associated with cost recovery were recognized through January 2012

Progress Energy Carolinas, Inc.

Determination of Net Lost Revenues Associated With DSM Programs

Ene

-	Vintage kW 2009	Vintage EkW 2009	Vintage kW 2010	Vintage IkW 2010	Vintage kW 2011	Vintage IkW 2011	Vintage kW 2012	Vintage IkW 2012	Vintage kW 2009	Vinta ge kW 2010	Vintage kW 2011	Vintage kW 2012	MWH Savings	Vintage MWh 2009	Vintage MWh 2010	Vintage MWh 2011	Vintage MWh 2012
	(a)	(b) = 1(o)	(c)	(d) = Σ(c)	(e)	(f) = I(e)	(p)	(h) = I(g)	/i)=/b)/[(b)+/e)+(q)+(i)]	@-(e)/(th)+(e)+(g)+(ti)	(•)=(व)/((भे+(+)+(q)+(Q)	(U-(U/(U)+(e)+(u)+(l))	(m) W/P 0-38	$(n) = (j) \times (m)$	$(a) = (b) \times (m)$	(p) = (1) = (re)	(n) = (m) = (m
Jan-09				-	-	-	-		-	•	-	0.0%	-	-	-	•	-
Feb-09			-	-	•	•	-		•	•	-	0.0%	-	•	-	-	•
Mar-09	-		-	-	•	=	-	=	-	-	=	0.0%	-	-	-	-	•
Apr-09		-	-	-		•	-	-	•	-	-	0.0%	-	-	•	-	-
May-09		_	-	-	-		•	•	-	•	•	0.0%	-	•	-	-	•
Jun-09		-		-				-	•	•	-	0.0%	-	•	-	•	-
Jul-09				•	-	-	-		-	-	•	0.0%	-	•	-	-	•
Aug-09		-	-	-	-	•	•	-	-	•	-	0.0%	-	-	-	-	•
Sep-09	- 22.0	22.0	-		-	-	-	-	100.0%	0.0%		0.0%	-	-	-	-	-
Oct-09	78.0	100.0		-	-	-	-		100.0%	0.0%	0.0%	0.0%	-	•	•	-	-
Nov-09	95.0	195.0		-	-		-	-	100.0%	0.0%	0.0%	0.0%	-	-	-	-	-
Dec-09	136.0	331.0		-	-	-	•	-	100.0%	0.0%	0.0%	0.0%	-	•	•	-	-
Jan-10		331.0	163.0	163.0	-	-	-		67.0%	33.0%	0.0%	0.0%	-	-	-	•	•
Feb-10	_	331.0	209.0	372.0	-	-			47.1%	52.9%	0.0%	0.0%	-	•	-	-	-
Mar-10		331.0	238.0	610.0	-				35.2%	64.8%	0.0%	0.0%	-	-	•	•	•
Apr-10.		331.0	242.0	852.0		-	-	-	28.0%	72.0%	0.0%	0.0%	•	•	-	-	-
May-10	_	331.0	259.0	1,111.0	-	-		-	23.0%	77.0%	0.0%	0.0%	-	-	-	-	•
Jun-10	-	331.0	233.0	1,344.0	_	-	-	-	19.8%	80.2%	0.0%	0.0%	•	-	-	-	-
Jul-10		331.0	186.0	1,530.0			_	-	17.8%	82.2%	0.0%	0.0%	-	-		-	-
		331.0	218.0	1,748.0	_				15.9%	84.1%	0.0%	0.0%	-	-		-	
Aug-10		331.0	299.0	2,047.0	-		_	-	13.9%		0.0%	0.0%	-	-	-	-	
Sep-10	•	331.0	258.0	2,305.0					12.6%		0.0%	0.0%	-				-
Oct-10		331.0	177.0	2,482.0					11.8%			0.0%	-			-	-
Nov-10	-	331.0	170.0	2,652.0	-				11.1%			0.0%	2.54	0.28	2.26		-
Dec-10	-			2,652.0	197.0	197.0	-	_	10.4%			0.0%		0.28	2.26	0.17	-
Jan-11	•	331.0	-	2,652.0	188.0	385.0	_		9.8%			0.0%	-	-	-	-	
Feb-11	•	331.0	•		352.0			_	8.9%			0.0%	_	-	-		
Mar-11	•	331.0	•	2,652.0 2,652.0	223.0	960.0		_	8.4%			0.0%	_			_	_
Apr-11	-	331.0	•		134.0	1,094.0		_	8.1%			0.0%		-	-	_	
May-11	-	331.0	•	2,652.0			•		7.8%			0.0%		-			_
Jun-11	-	331.0	-	2,652.0	145.0		-	-	7.6%			0.0%				_	
Jul-11	-	331.0	-	2,652.0	123.0	1,363.0	-	-	7.4%			0.0%		_			
Aug-11	•	331.0	•	2,6\$2.0	144.0		•	•	7.2%			0.0%		_	_	-	_
Sep-11		331.0	-	2,652.0	100.0		•	•	7.0%			0.0%		_		_	
Oct-11	-	331.0	-	2,652.0	150.0		•	•	6.8%			0.0%		_	_		
Nov-11	•	331.0	-	2,652.0	140.0		-	-	6.6%			0.0%			_	_	
Dec-11	-	331.0	•	2,652.0	110.0							1.1%			3.15	2.39	
Jan-12	-	331.0	•	2,652.0	-	2,007.0	56.4							0.35	3.13	2.33	0.0
Feb-12	-	331.0	-	2,652.0	•	2,007.0	163.0					5.8%					
Mar-12	-	331.0	-	2,652.0	-	2,007.0	86.0	305.4	6.3%	50.1%	37.5%	3.0%	•		-		•
		st Sales (MWHs) H (thru Docket E-2	Sub 1002)										11.25 5.24	0.56	7.67 4.52	2.5\$ 0 <u>.16</u>	
		Recovered in Dock											6.01	0.40	3.15	2.39	0.0
	NC OSM Jurisdie	ctional Allocation F	actor (W/P 8, Line	3)										86.49%	86.49%	86.49%	6 86.49
	Recoverable Jur	risdictional Net Los	st Sales (MWHs)										5.14	0.34	2.73	2.07	0.0
														\$ 56.38	\$ 56.38	¢ 5639	\$ 56.3

Recoverable Net Lost Revenues (By Vintage) \$ 293.10 Recoverable Net Lost Revenues (Total)

W/P DR Page 3 of 3

Progress Energy Carolinas, Inc. Determination of Net Lost Revenues Associated With DSM Programs

CIG DR

	Vintage kW 2009	Vintage IkW 2009	Vintage kW 2010	Vintage IkW 2010	Vintage kW 2011	Vintage IkW 2011	Vintage kW 2012	Vintage IkW 2012	Vintage kW 2009	Vintage kW 2010	Vintage kW 2011	Vintage kW 2012	MWH Savings	Vintage MWh 2009	Vintage MWh 2010	Vintage MWh 2011	Vintage MWh 2012
	(e)	(b) = I(a)	(4)	$(d) = \Sigma(c)$	(e)	(f) = I(e)	(9)	(h) = I(g)	(i)=(b)/((b)+(e)+(q)+(i))	()-(e)/((b)+(e)+(g)+(i))	(*)=(a)/((*)+(*)+(*)*(i))	(I)=(I)/((b)+(e)+(g)+(I))	(m) W/F D-38	$(n) = (j) \times (m)$	(o) = (t) x (m)	(p) = (7) = (m)	(e) = (m) × (r
Jan-09			.,,					-	0.0%	0.0%	0.0%	0.0%	-	-	-		-
Feb-09	-	_		_	-		-		0.0%	0.0%	0.0%	0.0%		-		-	-
Mar-09	-	_		-			-		0.0%	0.0%	0.0%	0.0%	•	-	-	-	-
Apr-09	-	-	-		-	•	-	•	0.0%	0.0%	0.0%	0.0%	-	-	•	-	
May-09	_	_		-			-	-	0.0%	0.0%	0.0%	0.0%	•	-	-	-	
Jun-09	-		-		-		-	•	0.0%	0.0%	0.0%	0.0%	-	-		•	-
Jul-09								-	0.0%	0.0%	0.0%	0.0%		-		•	•
Aug-09	-			-	-	, -	-	-	0.0%	0.0%	0.0%	0.0%		-	-	-	-
Sep-09		-			-		-	-	0.0%	0.0%	0.0%	0.0%	-	-	•	-	-
Oct-09	-	_	-	-		-		-	0.0%	0.0%	10.0%	0.0%		-	-		
Nov-09	_				-		-		0.0%	0.0%	0.0%	0.0%	-	-		-	-
Dec-09	816.0	816.0		-	-	-	-	-	100.0%	0.0%	0.0%	0.0%		-	-	-	-
Jan-10	-	816.0	_	-	-	-			100.0%	0.0%	0.0%	0.0%	-	=		-	-
Feb-10		816.0	35.5	35.5	_	-	-	-	95.8%	4.2%	0.0%	0.0%		-	-	-	-
Mar-10	_	816.0	613.8	649.3		-			55.7%	44.3%	0.0%	0.0%	-	-		-	-
Apr-10		816.0	-	649.3				-	55.7%	44.3%	0.0%	0.0%	-	-	-		
May-10		816.0	841.7	1,491.0				- ,	35.4%	64.6%	0.0%	0.0%		-	-	-	-
Jun-10	_	\$16.0	2,259.9	3,750.9	-	-	-		17.9%	82.1%	0.0%	0.0%	27.40	4.90	22.51	-	-
Jul-10	_	816.0	372.0	4,122.9	-		-	-	16.5%	83.5%	0.0%	0.0%	32.50	5.37	27.13	-	-
Aug-10		816.0		4,122.9	-	-	-	-	16.5%	83.5%	0.0%	0.0%	31.50	5.20	26.30	-	-
Sep-10	-	816.0	544.1	4,666.9		-	-		14.9%	85.1%	0.0%	0.0%	-	-	-	-	
Oct-10		816.0	530.1	5,197.0			-	-	13.6%	86.4%	0.0%	0.0%	-	-	-	-	
Nov-10		816.0	837,0	6,034.0	-	-		-	11.9%	88.1%	0.0%	0.0%		-	-	-	-
Dec-10	_	B16.0	362.7	6,396.7		-	_	-	11.3%	88.7%	0.0%	0.0%	4.10	0.46	3.64	-	-
Jan-11		816.0	_	6,396.7	39.1	39.1	-	-	11.3%	88.2%	0.5%	0.0%	-	-	-	-	
Feb-11	_	816.0		6,396.7	1,137.4	1,176.5			9.7%	76.2%	14.0%	0.0%	-			-	-
Mar-11	_	816.0	-	6,396.7	2,371.5	3,548.0	-		7.6%	59.4%	33.0%	0.0%	-	-			-
Apr-11		816.0		6,396.7	186.0	3,734.0	-	-	7.5%	58.4%	34.1%	0.0%	•	-	-	-	-
May-11	_	816.0		6,396.7	214.8	3,948.9		-	7.3%	57.3%	35.4%	0.0%	-	-		-	-
Jun-11		816.0	_	6,396.7	279.0	4,227.9	-		7.1%	55.9%	37.0%	0.0%	-	-		-	-
Jul-11		. 816.0	_	6,396.7	1,162.5	5,390.4		-	6.5%	50.8%	42.8%	0.0%	173.10	11.21	87.86	74.04	4 -
Aug-11	-	816.0	-	6,396.7		5,390.4	-	-	·6.5%	50.8%	42.8%	0.0%	89.10	5.77	45.22	38.11	1 -
Sep-11	_	816.0	_	6,396.7	_	5,390,4	-		6.5%	50.8%	42.8%	0.0%	-	-	-	-	-
Oct-11	_	816.0		6,396.7	_	5,390.4	-	-	6.5%	50.8%	42.8%	0.0%		•	-	-	-
Nov-11	-	816.0		6,396.7	-	5,390.4			6.5%	50.8%	42.8%			-		-	
Dec-11		816.0		6,396.7		5,390.4		-	6.5%	50.8%	42.8%	0.0%	3.80	0.25	1.93	1.63	3 -
Jan-12	-	816.0		6,396.7	-	5,390.4	697.5	697.5	6.1%		40.5%		-	•		-	-
Feb-12		816.0	• •	6,396.7	-	5,390.4	375.0	1,072.5	6.0%	46.8%	39.4%			-	-	-	_
Mar-12		816.0	-	6,396.7	-	5,390.4	375.0	-	5.8%	45.5%							-

Recoverable Lost Sales (MWHs) Recovered MWH (thru Docket E-2 Sub 1002) Amounts to be Recovered in Docket E-2 Sub XXXX NC DSM Jurisdictional Allocation Factor (W/P 8, Line 3)	361.50 266.25 95.25	33.16 32.89 0.27	214.58 233.36 (18.78) 86.49%	113.77 113.77 86.49%	86,49%
Recoverable Jurisdictional Net Lost Sales (MWHs)	82.38	0.23 \$ 45.31 \$	(16.25)	98.40	\$ 45,31
Net Lost Revenue Rate per MWH (W/P D-3, Line 21) Recoverable Net Lost Revenues (By Vintage)			(736.19) \$		
Recoverable Net Lost Revenues (Total)			5	3,733.09	

Workpapers

Section E – TRC Test Results

PROGRAM: PEC Residential Home Advantage - Vintage Year-2011

		BEN	EFITS			COSTS		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	TOTAL	AVOIDED	AVOIDED	TOTAL	UTILITY	DADTICIDANTE	TOTAL	NET
	FUEL & O&M		GEN. CAP.	TOTAL	PROGRAM	PARTICIPANTS COST	TOTAL COSTS	BENEFIT\$
	SAVINGS	COSTS	COSTS	BENEFITS	COSTS			\$(000)
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000) 0	\$(000) 0	\$(000) 0	<u> </u>
2010	0	0	0	0 355	436	3,167	3,602	-3,248
2011	183	83	89	376		0	0	-3,246 376
2012	200	85	91		. 0	0	0	388
2013	208	88	93	388	0	0	0	480
2014	296	89	94	480	0	_	_	490 490
2015	302	91	96	490	0	0	0	509
2016	317	93	98	509	0	0 -	0	
2017	333	95	100	528	0.	0	0	528 553
2018	354	97	102	553	0	0	0	553 570
2019	373	99	104	576	0	0	0	576
2020	395	101	106	602	0	0	0 .	602
2021	411	103	109	622	0	0	0	622
2022	427	105	111	642	0	0	0	642
2023	443	107	113	663	.0	0	0	663
2024	467	109	115	691	. 0	0	0	691
2025	492	111	117	720	0	0	0	720
2026	513	113	120	746	0	0	0	746
2027	527	116	122	765	0	0	0	765
2028	559	118	125	802	0	0	0	802
2029	584	120	127	832	0	0	0	832
2030	605	123	130	857	0	0	0	857
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0
2033	. 0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0 .
2035	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0
2037	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	0	0
NOMINAL	7,989	2,046	2,163	12,197	436	3,167	3,602	8,595
NPV	3,667	1,029	1,089	5,785	436	3,167	3,602	2,183

PROGRAM:

PEC Residential Home Energy Improvement - Vintage Year-2011

			EFITS	<u> </u>		COSTS	(7)	(0)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	TOTAL	AVOIDED	AVOIDED		UTILITY	DARTICIDANTIC	TOTAL	NET
	FUEL & O&M			TOTAL	PROGRAM	PARTICIPANTS	TOTAL	BENEFIT
	SAVINGS	COSTS	COSTS	BENEFITS	COSTS	COST	COSTS	
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	<u>\$(000)</u>	\$(000)	\$(000) 0	<u>\$(000)</u> 0
2010	0	0	0	0	0	0	-	-11,509
2011	351	390	417	1,158	1,533	11,134	12,667	
2012	371	382	406	1,159	0	0	0	1,159
2013	388	392	414	1,194	0	0	0	1,194
2014	535	400	422	1,358	0	0	0	1,358
2015	511	408	431	1,350	0	0	0	1,350
2016	534	416	439	1,390	0	0	0	1,390
2017	561	424	448	1,434	0	0	0	1,434
2018	604	433	457	1,494	0	. 0	0	1,494
2019	637	442	466	1,545	0	0	0	1,545
2020	679	450	476	1,605	0	0	0	1,605
2021	681	443	468	1,592	0	0	0	1,592
2022	711	452	477	1,641	0	0	0	1,641
2023	734	461	487	1,682	. 0	0	0	1,682
2024	772	470	497	1,739	0	0	0	1,739
2025	818	480	507	1,805	0	0	0	1,805
2026	561	292	309	1,162	0	0	0	1,162
2027	571	298	315	1,184	0	0	0	1,184
2028	605	304	321	1,231	0	0	0	1,231
2029	401	183	193	777	0	0	0	777
2030	411	186	197	794	0	. 0	· 0	794
2031	0	0	0	0	0	. 0	0	0
2032	. 0	Ö	ō	Ō	0	0	0	0
2032	0	Ö	ō	Ö	Ō	Ō	0	0
2034	ŏ	Ŏ	ő	Ö	0 .	0	0	0
2034	0	0	0 .	Ö	Õ	Ō	0	0
2036	0	Ö	Ö	Ŏ	0	0	0	0
2037	. 0	ő	Ö	Ö	0	0	Ō	. 0
2037	0	0	Ö	Ö	ŏ	Ö	Ö	0
2038	0	0	0	Ö	ŏ	Ö	Ō	ŏ
2000	·							
DMINAL	11,437	7,707	8,148	27,293	1,533	11,134	12,667	14,625
PV	5,745	4,225	4,470	14,441	1,533	11,134	12,667	1,774

PROGRAM: PEC Residential Lighting - Vintage Year-2011

		BEN	EFITS			COSTS			
	(1) TOTAL	(2) AVOIDED	(3) AVOIDED	(4)	(5) UTILITY	(6)	(7)	(8)	
	FUEL & O&M SAVINGS			TOTAL BENEFITS	PROGRAM COSTS	PARTICIPANT'S COST	TOTAL COSTS	NET BENEFITS	
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	
2010	0	0	, 0	0	0	0	0	0	
2011	3,341	473	506	4,320	1,904	7,360	9,264	-4,944	
2012	3,657	486	516	4,659	0	0	0	4,659	
2013	3,768	498	526	4,793	0	0	0	4,793	
2014	5,441	508	537	6,487	0	0	0	6,487	
2015	5,746	519	548	6,813	0	0	0	6,813	
2016	6,026	529	559	7,113	0	0	0	7,113	
2017	6,310	540	570	7,420	0	0	0	7,420	
2018	0	0	0	0	0	0	0	0	
2019	Ō	0	0	0	. 0	0	0	0	
2020	0	Ō	0	0	0	0	0	0	
2021	Ô	Ö	0	0	0	0	0	0	
2022	0	0	0	0	0	0	0	0	
2023	Ö	Ō	0	0	0	0	0	0	
2024	Ō	0	0	0	0	0	0	0	
2025	0	. 0	0	0	0	0	0	0	
2026	Ō	Ō	Ö	0	0	0	0	0	
2027	Ö	ō	Ō	Ō	0	0 -	0 .	0	
2028	Ö	0	0	Ó	0	0	0	0	
2029	Ō	ō	Ö	0	0	0	0	0	
2030	Ö	Ō	Ō	0	0	0	0	0	
2031	Ö	Ŏ	ō	o	0	0	0	0	
2032	- 0	ō	Ö	Ō	0	0	0	0	
2033	Ö	Ö ·	ō ·	Ö	- 0	Ó	0	0	
2034	Õ	ō	Ö	Ō	Ó	0	0	0	
2035	Ö	Ō	0	Ō	0	0	0	0	
2036	Ö	Õ	Ö	Ō	0	0	0	. 0	
2037	ő	ō	Ō	Ō	0	0	0	. 0	
2038	Ö	Ö	Ō	Ö	0	0	0		
2039	Ö	Ŏ	Ö	0	0	0	0	0	
IOMINAL	34,290	3,552	3,762	41,604	1,904	7,360	9,264	32,340	
NPV	26,555	2,833	3,001	32,389	1,904	7,360	9,264	23,125	

PROGRAM: PEC Residential Appliance Recycling - Vintage Year-2011

NOMINAL

NPV

3,994

2,736

		BEN	EFITS			COSTS		
	(1) TOTAL	(2) AVOIDED	(3) AVOIDED	(4)	(5) UTILITY	(6)	(7)	(8)
	FUEL & O&M	T&D CAP.		TOTAL	PROGRAM	PARTICIPANT'S	TOTAL	NET
	SAVINGS	COSTS	COSTS	BENEFITS	COSTS	COST	COSTS	BENEFIT
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2010	0	0	0	0	0	0	0	0
2011	242	42	45	328	896	0	896	-567
2012	264	43	45	352	0	0	0	352
2013	273	44	46	363	0	0	0	363
2014	394	45	47	486	0	0	0	486
2015	414	46	48	508	0	0	0	508
2016	433	47	49	529	0	0	0	529
2017	454	48	50	552	0	0	0	552
2018	481	48	· 51	581	0	0	0	· 581
2019	506	49	52	608	0	. 0	0	608
2020	532	50	53	636	0	0	0	636
2021	0	0	0	0	0	0	. 0	0
2022	0	0	0	0	0	0	0	0
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0 .	0	0	0
2025	0	0	0	0	. 0	0	0	0
2026	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0
2029	. 0	0	0	0	0	0	0	0
2030	0	0	0	0	0	0	0	0
2031	0	0	0	0	0	0	0	0
2032	0	0	0	0	0	0	0	0
2033	0	0	0 ,	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
		_	_	•	^	^	^	^

Total Resource Cost (TRC) Test

Utility Discount Rate = 8.03
Benefit Cost Ratio = 3.811

4,047

2,518

4,943

3,414

PROGRAM: PEC Residential Energy Efficient Benchmarking - Vintage Year-2011

		BEN	EFITS			costs		
	(1) TOTAL	(2) AVOIDED	(3) AVQIDED	(4)	(5) UTILITY	(6)	(7)	(8)
	FUEL & O&M			TOTAL	PROGRAM	PARTICIPANTS	TOTAL	NET
	SAVINGS	COSTS	COSTS	BENEFITS	COSTS	COST	COSTS	BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2010	0	0	0	0	0	0	0	0
2011	642	168	180	991	691	0	691	300
2012	0	0	0	0	0	0	0	0
2013	ő	Ö	Ö	Ō	0	0	0	. 0
2014	Ö	ō	Ō	ō	0	0	0	0
2015	ő	ŏ	Ö	Ö	Ô	0	0	0
2016	Ö	. 0	ō	ō	0	0	0	0
2017	Ö	Ö	Ō	Ō	0	0	0	0
2018	Ŏ	Õ	Ö	0	0	. 0	0	0
2019	Ō	Ō	0	0	0	0	0	0
2020	Ô	Ö	0	. 0	0	0	0	0
2021	0	0	0	0	0	· 0	0	0
2022	0	0	0	0 .	0 .	. 0	0	0
2023	0	0	0	0	0	0	0	0
2024	0	0	0	0	0	0	0	0
2025	0	0	0	0	0	. 0	0	0
2026	0	0	0	О .	0	. 0	0	0
2027	0	0	0	0 .	0	0	0	0
2028	- 0	0	0	0	.0	0	0	0
2029	0	0	0	0	0	0	. 0	0
2030	0	0	0	0	0	0	0	0
2031	. 0	0	0	0	0	0	0	0
2032	0 .	0	0	0	0	0	0	0
2033	0	0	0	0	0	0	0	0
2034	0	0	0	0	0	0	0	0
2035	0	0	0	0	0	0	0	0
2036	0	0	0	0	0	0	0	0 .
2037	0	0	0	0	0	0	0	0
2038	0	0	0	0	0	0	0	0
2039	0	0	0	0	0	0	. 0	0
NOMINAL	642	168	180	991	691	0	691	300
NPV	642	168	180	991	691	0	691	300

PROGRAM: PEC Residential EnergyWiseSM - Vintage Year-2011

				Total Resource (Cost (TRC) Test			
		RENI	EFITS			costs		
	(1) TOTAL	(2) AVOIDED	(3) AVOIDED	(4)	(5) UTILITY	(6)	(7)	(8)
	FUEL & O&M SAVINGS			TOTAL BENEFITS	PROGRAM COSTS	PARTICIPANT'S COST	TOTAL COSTS	NET BENEFIT:
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2010	0	0	0	0	0	0	0	0
2011	279	0	3,667	3,946	9,770	0	9,770	-5,824
2012	306	0	3,740	4,046	0	0	0	4,046
2013	367	. 0	3,815	4,183	0	0	0	4,183
2014	399	0	3,891	4,290	0	0	0	4,290
2015	-98	0	3,969	3,871	0	0	0	3,871
2016	-138	0	4,049	3,911	0	0	0	3,911
2017	-160	0	4,129	3,970	0	0	0	3,970
2018	-93	0	4,212	4,119	0	0	0	4,119
2019	-122	0	4,296	4,175	0	0	0	4,175
2020	-56	0	4,382	4,326	0	0	0	4,326
2021	-50	0	4,470	4,420	0	0	0	4,420
2022	-49	0	4 559	4,510	0	0	0	4,510
2023	-82	0	4,650	4,568	0	0	0	4,568
2024	-73	0	4,743	4,670	0	0	0	4,670
2025	-61	0	4,838	4,777	0	0	0	4.777
2026	40	0	4,935	4,975	0	0	0	4,975
2027	-25	0	5,034	5,009	0	Ο .	0	5,009
2028	-37	0	5,134	5,097	0	0	0	5,097
2029	70	0	5,237	5,307	. 0	0	0	5,307
2030	21	0	5,342	5,363	0	0 .	0	5,363
2031	34	0	5,449	5,483	0	0	0	5,483
2032	23	0	5,558	5,580	0	0	0	5,580
2033	26	0	5,669	5,695	0	0	0	5,695
2034	39	0	5,782	5,821	0	0 .	0	5,821
2035	23	0	5,898	5,921	0	0	0	5,921
2036	8	0	6.016	6,024	0	0	0	6,024
2037	36	0	6,136	6,172	0	0	0	6,172
2038	39	0	6,259	6,298	0	0	0	6,298
2039	33	0	6,384	6,417	0	0	0	6,417
NOMINAL	699	0	142,245	142,945	9,770	0	9,770	133,174

Utility Discount Rate = 8.03
Benefit Cost Ratio = 5.526

9,770

0

53,987

53,273

0

NPV

714

9,770

44,217

PROGRAM: PEC CIG Energy Efficiency Business - Vintage Year-2011

		BEN	EFITS			COSTS		
	(1) TOTAL	(2) AVOIDED	(3) AVOIDED	(4)	(5) UTILITY	(6)	(7)	(8)
	FUEL & O&M	T&D CAP.	GEN. CAP.	TOTAL	PROGRAM	PARTICIPANTS	TOTAL	NET
	SAVINGS	COSTS	COSTS	BENEFITS	COSTS	COST	COSTS	BENEFIT
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2010	0	0	0	0	0	0	0 .	0
2011	2,018	801	857	3,676	2,686	11,491	14,177	-10,502
2012	2,223	822	874	3,919	0	0	0	3,919
2013	2,302	844	891	4,037	0	0	0	4,037
2014	3,285	861	909	5,055	0	0	0	5,055
2015	3,370	878	927	5,175	0	0	0	5,175
2016	3,519	896	946	5,360	0	0	0	5,360
2017	3,683	913	965	5,561	0	0	0	5,561
2018	3,914	932	984	5,830	0	0	0	5,830
2019	4,109	950	1,004	6,063	0 .	0	0	6,063
2020	4,324	969	1,024	6,317	0	0	0	6,317
2021	763	249	264	1,276	0	0	0	·1,276
2022	788	254	269	1,311	. 0	0	0	1,311
2023	820	260	274	1,353	0	. 0	0	1,353
2024	784	258	272	1,314	Ô	0	0	1,314
2025	817	263	278	1,358	0	0	. 0	1,358
2026	719	257	271	1,246	0	0	0	1,246
2027	748	262	276	1,286	0	0	0	1,286
2028	795	267	282	1,344	0	0	0	1,344
2029	826	272	288	1,386	. 0	0	0	. 1,386
2030	155	34	36	225	0	0	0 -	225
2031	158	35	37	229	0	0	0	229
2032	165	35	37	238	Ō	0	0	238
2033	173	36	38	247	Ō	Ō	Ō	. 247
2033	178	37	39	253	Ö	Ō	Ō	253
2034	186	38	40	263	0	Ō	0	263
2035	0	0	0	0	Ô	0	Ö	0
2030	0	0	0	Ö	Ō	Ō	Ō	Ö
2037	0	0	0	ő	Ö	Ö	Ō	Ö
2039	0	0	Ö	Ö	ő	Ŏ	Ö	ō

Utility Discount Rate = 8.03
Benefit Cost Ratio = 2.815

2,686

2,686

64,324

39,905

12,082

7,602

11,422

7,182

NOMINAL

NPV

40,820

25,122

11,491

11,491

14,177

14,177

50,147

25,728

PROGRAM: PEC CIG Demand Response - Vintage Year-2011

		BEN	EFITS	•		COSTS		
	(1) TOTAL	(2) AVOIDED	(3) AVOIDED	(4)	(5) UTILITY	(6)	(7)	(8)
	FUEL & O&M			TOTAL	PROGRAM	PARTICIPANT'S	TOTAL	NET
	SAVINGS	COSTS	COSTS	BENEFITS	COSTS	COST	COSTS	BENEFITS
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2010	0	0	0	0	. 0	0	0	0
2011	38	Ō	488	526	569	0	569	-43
2012	41	0	498	539	0	0	0	539
2013	47	0	508	555	0	0	0	555
2014	52	0	518	570	0	0	0	570
2015	-16	0	528	512	0	0	0	512
2016	-23	0	539	516	0	0	0	516
2017	-25	0	550	525	0	0	0	525
2018	-17	0	561	544	Ö	0	0	544
2019	-20	0	572	552	0	. 0	0	552
2020	-12	0	583	572	0	0	0	572
2021	-11	. 0	59 5	584	0	0	0	584
2022	-11	0	607	596	0	0	0	596
2023	-15	0	619	604	0	0	. 0	604
2024	-14	0	631	617	0	0	0	617
2025	-10	0	644	634	0	0	0	634
2026	4	0	657	661	0	0	0	661
2027	-6	0	670	664	0	0	0	664
2028	-9	0	683	674	0	0	0	674
2029	5	0	697	702	0	0	0	702
2030	-1	0	711	710	0	0	0	710
2031	-1	0	725	725	0	0	0	725
2032	-3	0	740	737	0	0	0	737
2033	-2	0	755	752	0	0	0	752
2034	1	0	770	771	0	0	0	771
2035	-5	0	785	780	0	0	. 0	780
2036	-4	0	801	797	0	0	0	797
2037	0	0	817	816	0	0	0	816
2038	-1	0	833	832	0	0	0	832
2039	-2	0	850	848	0	0	0	848
NOMINAL	-21	0	18,934	18,913	569	0	569	18,344
NPV	58	0	7,091	7,149	569	0	569	6,580

PROGRAM: PEC Residential Neighborhood Energy Saver - Vintage Year-2011

		•					•	
		BEN:	EFITS			COSTS		
	(1) TOTAL	(2) AVOIDED	(3) AVOIDED	(4)	(5) UTILITY	(6)	(7)	(8)
	FUEL & O&M SAVINGS			TOTAL BENEFITS	PROGRAM COSTS	PARTICIPANT'S COST	TOTAL COSTS	NET BENEFIT
YEAR	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)	\$(000)
2010	0	0	0	0	0	0	0	0
2011	215	65	69	349	2,092	0	2,092	-1,743
2012	208	45	48	301	Ö	0	0	301
2013	215	46	49	310	0	0	0	310
2014	310	47	50	407	O	0	0	407
2015	324	48	51	423	0	0	0	423
2016	340	49	52	441	0	0	0	441
2017	356	50	53	460	Ō	0	0	460
2018	178	35	37	250	Ō	0	0	250
2019	188	35	37	261	0	0 .	0 -	261
2020	104	26	27	157	0	0	0	157
2021	108	27	28	163	0	0	0	163
2022	113	27	29	168	0	0	0	168
2023	118	28	29	174	0	ο .	0	174
2024	64	6	6	76	0	0	0	76
2025	69	6	6	80	0	0	0	80
2026	0	ŏ	Ö	0	0	0	0	0
2027	Ö	ō	Ō	Ō	0	0	0	0
2028	Ö	Õ	Ö	Ō.	0	0	0	0
2029	ő	Ö	ŏ	0	0	0	0	0
2030	Ö	0 .	Ö	Ö	0	0	0	0
2031	0	Ö	Ō	Ō	0	0	0	0
2032	. 0	0	ō	Ö	0	0	0	. 0
2032	Ö	Ö	ŏ	ō.	0	0	0	0
2034	Ö	ŏ	Ō	Ō	0	. 0	0	0
2035	Ö	Ö	Ō	Ō	0	0	0	0
2036	Ö	Ö	Ö	Ō	0	0	0.	o ·
2037	Ö	Ŏ	Ö	Ō	0	0	0	0
2038	Ö	Ö	Ō	Ō	0	0	0	0
2039	. 0	Ö	0	0	0	0	0	0
IOMINAL	2,909	540	571	4,020	2,092	0	2,092	1,928
NPV	1,979	376	397	2,751	2,092	0	2,092	660

Workpapers

Section R – DSM/EE Revenues

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

						,										
A. NO	DSM Program Re	ecovery					•									
						eneral Service				F 4 i-		Lighting	:	1.4 B20		T-1-1
			Residential	Billing Amounts		pt-Out Credits		Net Billings		ling Amounts		-Out Credits		let Billings		Total
1	Apr-11	Per Books	\$ 285,483.72	\$ 122,585.91	\$	(65,071.31)	>	57,514.60	\$ '	•	\$	-	\$	-	\$	342,998.32
2	May-11	Per Books	262,439.00	129,258.32		(68,812.08)		60,446.24		•		-		-	\$	322,885.24
3	Jun-11	Per Books	416,211.56	151,892.90		(74,795.00)		77,097.90		-		-		•	\$	493,309.46
4	Jul-11	Per Books	430,175.59	145,227.00		(72,703.84)		72,523.16		•		-		-	\$	502,698.75
5	Aug-11	Per Books	463,941.37	161,434.24		(81,690.79)		79,743.45		-		•		-	\$	543,684.82
6	Sep-11	Per Books	374,695.27	149,243.03		(76,223.01)		73,020.02		-		-		-	\$ \$	447,715.29
7	Oct-11	Per Books	280,279.11	137,567.81		(71,856.31)		65,711.50		-		•		•	\$	345,990.61
8	Nov-11	Per Books	280,776.32	122,496.40		(66,165.08)		56,331.32		-		-		•	\$	337,107.64
9	Dec-11	Per Books	427,020.98	135,989.64		(69,555.04)		66,434.60		-		•		-	\$	493,455.58
10	Jan-12	Per Books	621,383.14	153,026.39		(78,578.13)		74,448.26				-		•	\$	695,831.40 627,741.27
11	Feb-12	Per Books	555,845.20	154,045.79		(82,149.72)		71,896.07		•		-		•	Š	
12	Mar-12	Per Books	480,336.57	152,072.71		(81,459.62)		70,613.09						•	,	550,949.66
13	Period Totals	Elines I thru 12	\$ 4,878,587.83	\$ 1,714,840.14	\$	(889,059.93)	\$	825,780.21	\$		\$		\$		\$	5,704,368.04
14	PrevProspective	I (inex) thru 4	\$ 1,394,309.87	\$ 548,964.13	\$	(281,382.23)	\$	267,581.90	\$		\$		\$	-	\$	1,661,891.77
B. NO	DSDR Program F	Recovery														
						eneral Service	_	N Billi		* · · · • · · · · · · · · · · · · · · ·		Lighting -Out Credits		let Billings		Total
			Residential	Billing Amounts		pt-Out Credits		Net Billings		ling Amounts						
15	Apr-11	Per Baoks	\$ 776,032.62	\$ 1,250,371.67	\$	(663,726.29)	\$	586,645.38	\$	28,449.15	\$	(794.32)	>	27,654.83	\$	1,390,332.83
16	May-11	Per Books	713,393.81	1,318,404.14		(701,883.22)		616,520.92		28,476.14		(821.00)		27,655.14		1,357,569.87 1,945,354.45
17	Jun-11	Per Booke	1,131,391.88	1,549,306.40		(762,908.07)		786,398.33		28,340.39		(776.15)		27,564.24		1,936,620.73
18	Jul-11	Per Books	1,169,346.00	1,481,309.07		(741,578.62)		739,730.45		28,342.74		(798.46)		27,544.28		2,102,127.82
19	Aug-11	Per Books	1,261,137.75	1,646,562.79		(833,273.89)		813,288.90		28,547.83		(846.66)		27,701.17		1,790,958.33
20	Sep-11	Per Books	1,018,535.94	1,522,283.08		(777,479.45)		744,803.63		28,414.02		(795.26) (805.02)		27,618.76 27,696.15		1,459,839.34
21	Oct-11	Per Books	761,883.97	1,403,193.57		(732,934.35)		670,259.22		28,501.17		(799.60)		27,497.49		1,365,306.72
22	Nov-11	Per Books	763,236.26	1,249,456.83		(674,883.86)		574,572.97 670,500.28		28,297.09 31,179.63		(875.67)		30,303.96		1,730,781.07
23	Dec-11	Per Books	1,029,976.83	1,374,377.60		(703,877.32)		743,694.28		34,842.47		(1,004.76)		33,837.71		2,140,275.73
24	Jan-12	Per Books	1,362,743.74	1,532,545.21		(788,850.93)		718,207.87		34,631.93		(1,017.15)		33,614.78		1,970,807.68
25	Feb-12	Per Books	1,218,985.03	1,538,831.12		(820,623.25) (813,730.11)		705,383.82		34,695.01		(1,066.77)		33,628.24		1,792,407.31
26	Mar-12	Per Books	1,053,395.25	1,519,113.93		(813,730.11]	_	703,383.62	_	34,033.02		(1,000.77)		33,010.21		2,7,52,101102
27	Period Totals	I Lines 15 thru 26	\$ 12,260,059.08	\$ 17,385,755.41	\$	(9,015,749.36)	\$	8,370,006.05	\$	362,717.57	\$	(10,400.82)	\$	352,316.75	\$	20,982,381.88
28	PrevProspective	I Lines 15 thru IR	\$ 3,790,164.31	\$ 5,599,391.28	\$	(2,870,096.20)	\$	2,729,295.08	\$	113,608.42	\$	(3,189.93)	\$	110,418.49	<u>\$</u>	6,629,877.88
C. NO	EE Program Rec	overy														
			0-14-14-1	0.00 4		eneral Service		Net Billings		ling Amounts		Lighting Out Credits				Total
			Residential	Billing Amounts	_	pt-Out Credits	_			ing Amounts		-Out credits	\$	TEC DIMINGS	\$	1,236,593.11
29	Apr-11	Per Books	\$ 868,503.74	\$ 784,544.56	\$	(416,455.19) (440,397.31)	\$	368,089.37 386,818.63	\$	•	\$	• -	Þ	-	,	1,185,233.45
30	May-11	Per Books	798,414.82	827,215.94										_		1,759,644.99
31	Jun-11	Per Books	1,266,218.66	972,113.28		(478,686.95)		493,426.33 464,144.55		•		_				1,772,833.22
32	Jul-11	Per Books	1,308,688.67	929,448.61		(465,304.06) (522,852.53)		510,267.68		_						1,921,697.52
33	Aug-11	Per Books	1,411,429.84	1,033,120.21 955,161.05		(487,829.85)		467,331.20		_		_				1,607,236.29
34	Sep-11	Per Books	1,139,905.09	880,436.38		(459,880.38)		420,556.00		-						1,273,228.98
35	Oct-11	Per Books	852,672.98	783,970.20		(423,456.54)		360,513.66		_		-		-		1,214,705.16
36	Nov-11	Per Books	854,191.50 1,425,825.41	1,008,692.12		(\$05,900.83)		502,791.29		_					-	1,928,616.70
37	Dec-11	Per Banks	2,206,590.11	1,287,491.17		(640,513.52)		646,977.65		_				-		2,853,567.76
38	Jan-12	Per Books	1,973,892.14	1,338,893.82		(714,003.40)		624,890.42				-		-		2,598,782.56
39 40	Feb-12 Mar-12	Per Books Per Books	1,705,747.24	1,321,692.36		(708,000.34)		613,692.02		-		-	_			2,319,439.26
40	**************************************	, 1, mm.					_				_	_			_	24 634 532 63
41	Period Totals	I Lines 29 thru 40	\$ 15,812,080.20	\$ 12,122,779.70	\$	(6,263,280.90)	<u>\$</u>	5,859,498.80	\$		<u>\$</u>		\$		\$_	21,671,579.00
42	PrevProspective	£ Unes 29 (hru 32	\$ 4,241,825.89	\$ 3,513,322.39	\$	(1,800,843.51)	\$	1,712,478.88	\$	-	\$	-	\$		\$	5,954,304.77

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

	TOTAL DOING DOD	R/EE Recovery			Ger	neral Service				•		Lighting				
			Residential	Billing Amounts	_	t-Out Credits	١	Net Billings	Bill	ling Amounts	Opt	t-Out Credits		Net Billings		Total
43	Apr-11	Elines 1, 15 & 29	\$ 1,930,020.08	\$ 2,157,502.14	\$	(1,145,252.79)	Ş	1,012,249.35	\$	28,449.15	\$	(794.32)	\$	27,654.83	\$	2,969,924.26
44	May-11	I Lines 2, 164 30	1,774,247.63	2,274,878.40		(1,211,092.61)		1,063,785.79		28,476.14	•	(821.00)		27,655.14		2,865,688.56
45	Jun-11	£ Lines 3, 17 & 32	2,813,822.10	2,673,312.58		(1,316,390.02)		1,356,922.56		28,340.39		(776.15)		27,564.24		4,198,308.90
46	Jul-11	I tines 4, 18 & 32	2,908,210.26	2,555,984.68		(1,279,586.52)		1,276,398.16		28,342.74		(798.46)		27,544.28		4,212,152.70
47	Aug-11	2 times 5, 19 & 33	3,136,508.96	2,841,117.24		(1,437,817.21)		1,403,300.03		28,547.83		(846.66)		27,701.17		4,567,510.16
48	Sep-11	I Lines & 20 & 34	2,533,136.30	2,626,687.16		(1,341,532.31)		1,285,154.85		28,414.02		(795.26)		27,618.76		3,845,909.91 3,079,058.93
49	Oct-11	I Lines 7, 21 & 35	1,894,836.06	2,421,197.76		(1,264,671.04)		1,156,526.72		28,501.17 28,297.09		(805.02) (799. 6 0)		27,696.15 27,497.49		2,917,119.52
50	Nov-11	\$ Lines 8, 22 & 36	1,898,204.08	2,155,923.43		(1,164,505.48) (1,279,333.19)		991,417.95 1,239,726.17		31,179.63		(875.67)		30,303.96		4,152,853.35
51	Dec-11	# Unes 9, 23 & 37	2,882,823.22 4,190,716.99	2,519,059.36 2,973,062.77		(1,507,942.58)		1,465,120.19		34,842.47		(1,004.76)		33,837.71		5,689,674.89
52 53	Jan-12 Feb-12	E Lines 10, 24 & 38 E Lines 11, 25 & 39	3,748,722.37	3,031,770.73		(1,616,776.37)		1,414,994.36		34,631.93		(1,017.15)		33,614.78		5,197,331.51
54	Mar-12	I Unes 12, 26 & 40	3,239,479.06	2,992,879.00		(1,603,190.07)		1,389,688.93		34,695.01		(1,066.77)		33,628.24		4,662,796.23
55	Period Totals	E Lines 43 thru 54	\$ 32,950,727.11	\$ 31,223,375.25_	s ((16,168,090.19)	\$ 1	5,055,285.06	\$	362,717.57	\$	(10,400.82)	\$	352,31 <u>6.75</u>	\$	48,358,328.92
		I Lines 43 thru 46	\$ 9,426,300.07	\$ 9,661,677.80	s	(4,952,321.94)		4,709,355.86	<u> </u>	113,608.42	5	(3,189.93)	\$	110,418.49	\$	14,246,074.42
56	PrevProspective			<u>\$5,001,077.55</u>		(4,552,521.54)	Ť	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Ť		<u> </u>		•	 		
	Prospective Peri		/EE Recoveries		_							Liabtina				
(1)	Actual/Estimate	d Sales	Doctdon*!-1	Billing Amounts		neral Service t-Out Credits	,	Net Billings	ρil	ling Amounts	On	Lighting t-Out Credits		Net Billings		Total
			Residential	Billing Amounts	<u></u>	(940,224,731)		783,234,483		36,573,809	·	(1,104,251)	_	35,469,558	-	1,751,497,827
57	Apr-12	Actual Per Books	932,793,786 944,200,970	1,723,459,214 1,818,454,496		(844,698,528)		973,755,968		40,031,521		(1,038,177)		38,993,344		1,956,950,283
58 59	May-12 Jun-12	E-2, Sub 1002 E-2, Sub 1002	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
60	Jul-12	6-2, Sub 1002	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
(11)	Actual/Estimate	ed Revenue														
	D-4		\$ 0.00290	\$ 0.00185	\$	0.00185	\$	0.00185	\$	0.00094	\$	0.00094	\$	0.00094		Total
61	Rates w/o GRT	E-2, Sub 1002	\$ 0.00290 \$ 2,705,104	\$ 3,188,308	\$	(1,739,297)	\$	1,449,011	\$	34,379	\$	(1,038)		33,341	\$	4,187,456
62 63	Apr-12 May-12	Actual Per Books Lines 58 x 61	2,738,183	3,364,141	•	(1,562,692)	•	1,801,449	•	37,630		(976)		36,654		4,576,285
64	Jun-12	Lines 59 x 61	3,738,924	3,454,347		(1,778,439)		1,675,908		35,338		(1,018)		34,321		5,449,152
65	Jul-12	Lines 60 x 61	4,547,087	3,700,303		(1,811,291)		1,889,013		36,218		(982)	_	35,236		6,471,336
66	Total	E Unes 61 thru 65	\$ 13,729,298	\$ 13,707,099	\$	(6,891,719)	\$	6,815,380	\$	143,565	\$	(4,013)	\$	139,552	\$	20,684,230
67	DSM\$	March 2012 No	14.83%	5.08%		5.08%		5.08%	_	0.00%		0.00%	_	0.00%		Total
68	Apr-12	Actual-Per Banks	\$ 401,102	\$ 162,002	\$	(88,377)	\$	73,625	\$	-	\$	-	\$	•	\$	474,727
69	May-12	Unes 63 x 67	406,006	170,937		(79,402)		91,535		-		-		•		497,542 639,549
70	Jun-12	Lines 64 x 67	554,392	175,521		(90,364)		85,156		•		-		-		770,208
71	Jul-12	Lines 65 x 47	674,223	188,018		(92,033)	_	95,985	<u> </u>		<u> </u>	.			\$	2,382,025
72	Total	E Lines 67 thru 71	\$ 2,035,724	\$ 696,478	\$	(350,176)	· —	346,302	<u> </u>		_					
73	DSDR\$	Morch 2012 Na	32.52%	50.76%		50.76%		50.76%	_	100.00%		100.00%	_	100.00%	_	Total
74	Apr-12	Actual-Per Books	\$ 879,625	\$ 1,618,300	\$	(882,832)	\$	735,467	\$	34,379	\$	(1,038)	\$	33,341	\$	1,648,434 1,841,427
75	May-12	Unes 63 x 73	890,387	1,707,558		(793,175)		914,386		37,630		(976)		36,654		2,100,787
76	Jun-12	Lines 64 x 73	1,215,802	1,753,344		(902,681)		850,664		35,338 36,218		(1,018) (982)		34,321 35,236		2,472,664
77 78	Jul-12 Total	Lines 65 x 73 I Cines 74 thru 77	1,478,596 \$ 4,464,409	1,878,186 \$ 6,957,387	\$	(919,356) (3,498,043)	\$	958,833 3,459,350	\$	143,565	\$	(4,013)	\$		\$	8,063,311
79		March 2017 %	52.65 %	44.16%	_	44.16%	_	44.16%	_	0.00%	_	0.00%		0.00%	_	Total
80	Apr-12	. Actual Per Books	\$ 1,424,378	\$ 1,408,006	\$	(768,088)	\$	639,918	\$	-	\$	•	\$	-	\$	2,064,296
81	-	tines 63 x 79	1,441,790	1,485,646		(690,116)		795,527		•		-		-		2,237,316
82		Lines 64 x 79	1,968,730	1,525,482		(785,394)		740,087		-		-		-		2,708,817 3,228,463
83	Jul-12	Lines 65 x 79	2,394,268	1,634,100		(799,902)	. _	834,195	_		_		\$	-	\$	10,238,893
84	Total	E Lines 80 thru 83	\$ 7,229,165	\$ 6,053,234	Ş	(3,043,499)	>	3,009,728	>	-	\$	•	J		7	10,230,033
F. NO	. Adjusted Test P	eriod Revenue	s ·		Gi	eneral Service						Lighting			_	
			Residential	Billing Amounts		pt-Out Credits		Net Billings	В	illing Amounts	0	pt-Out Credits		Net Billings		Total
85	DSM\$	Lines 13 - 14 + 72	\$ 5,520,002			(957,854)	\$	904,500	\$		\$	-	\$		\$	6,424,502
86		Unes 27 - 28 + 78	12,934,304	18,743,751	•	(9,643,697)		9,100,061		392,674		(11,224)	•	381,450		22,415,815
87		Unes 41 - 42 + 84	18,799,420	14,662,692		(7,505,937)		7,156,747				-				25,956,167
88		I Lines \$5 thru \$7				(18,107,487)		17,161,309	\$	392,674	\$	(11,224)	\$	381,450	\$	54,796,484
	D\$M%	Lines 85 / 88	14.82%	5.28%	•	5.29%		5.27%		0.00%		0.00%	i	0.00%		11.729
90	סעואולים -	LKR1 #3 / #8										100.00%		100.00%		40.919
89 90	D2D84	Jinge SK / \$2	34.72%	53.15%	•	53.26%		53.03%		100.00%		100.007	•	100.00%		
89 90 91		Lines 86 / 88 Lines 87 / 88	34.72% 50.46%			53.26% 41.45%		41.70%		0.00%		0.00%	<u> </u>	0.00%		47.379 100.009

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

Α	NC	M2N	EME	Decover	٠.

						Ge	eneral Service	 			نا	ghting		_	
			F	Residential	Billing Amounts	Op	ot-Out Credits	Net Billings	Bi	illing Amounts	Opt-C	ut Credits	Net Billings		Total
1	Apr-11	Per Books	\$	13,062.18	\$ (50,668.99)	\$	26,896.17	\$ (23,772.82)	\$	•	\$	-	\$ •	- 5	(10,710.64)
2	May-11	Per Sooks		12,015.20	(53,424.22)		28,442.33	(24,981.89)		-		-			(12,966.69)
3	Jun-11	Per Books		19,050.38	(62,782.42)		30,915.29	(31,867.13)		-		•	-		(12,816.75)
4	Jul-11	Per Books		19,686.98	(60,037.95)		30,050.91	(29,987.04)		-		-	-		(10,300.06)
5	Aug-11	Per Soots		21,236.73	(66,725.32)		33,764.64	(32,960.68)		•		-	-		(11,723.95)
6	Sep-11	Per Beoks		17,145.54	(61,687.61)		31,505.80	(30,181.81)		-		-	-		(13,036.27)
7	Oct-11	Per Books		12,826.99	(56,861.51)		29,700.61	(27,160.90)		•		-			(14,333.91)
8	. Nov-11	Per Sooks		12,852.52	(50,632.94)		27,348.23	(23,284.71)		-		•	-		(10,432.19)
9	Dec-11	Per Books		13,359.84	(47,310.69)		24,842.41	(22,468.28)		-		-			(9,108.44)
10	Jan-12	Per Books		13,003.10	(43,436.63)		23,628.83	(19,807.80)		-		•	-		(6,804.70)
11	Feb-12	Per Santa		11,633.42	(40,970.39)		21,848.33	(19,122.06)		-		-	-		(7,488.64)
12	Mar-12	Per Books		10,053.67	(40,447.85)		21,665.12	(18,782.73)		•		-	-		(8,729.06)
13	Period Totals	Elmes 1 thru 12	\$	175,926.55	\$ (634,986.52)	\$	330,608.67	\$ (304,377.85)	\$		\$		\$ 	_ \$	(128,451.30)
14	PrevProspective	Elines Ethni 4	\$	63,814.74	\$ (226,913.58)	\$	116,304.70	\$ (110,608.88)	\$		\$		\$ <u> </u>	<u> </u>	(46,794.14)

3.	NC	DSDR	EMF	Recover	y
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		-			General Service						1	ighting		
			Residential	Billing Amounts	Opt-	Out Credits	ı	Net Billings	Bill	ing Amounts	Opt-	Out Credits	 let Billings	 Total
15	Apr-11	Per Books	\$ (96,504.15)	\$ (138,929.26)	\$	73,747.17	ŝ	(65,182.09)	\$	(4,064.75)	\$	113.47	\$ (3,951.28)	\$ (165,637.52)
16	May-11	Aer Books	(88,711.53)	(146,478.39)		77,987.02		(68,491.37)		(4,068.48)		117.29	(3,951.19)	(161,154.09)
17	Jun-11	Aer Sooks	(140,692.00)	(172,144.94)		84,767.38		(87,377.56)		(4,048.76)		110.88	(3,937.88)	(232,007.44)
18	Jul-11	Per Senis	(145,412.29)	(164,593.60)		82,397.72		(82,195.88)		(4,048.97)		114.07	(3,934.90)	(231,543.07)
19	Aug-11	Per Baoix	(156,825.66)	(182,972.57)		92,591.46		(90,381.11)		(4,078.26)		120.95	(3,957.31)	(251,164.08)
20	Sep-11	Per Books	(126,659.94)	(169,145.19)		86,387.86		(82,757.33)		(4,059.73)		114.04	(3,945.69)	(213,362.96)
21	Oct-11	Per Books	(94,743.09)	(155,911.20)		81,438.11		(74,473.0 9)		(4,071.80)		114.04	(3,957.76)	(173,173.94)
22	Nov-11	Per Books	(94,910.06)	(138,828.30)		74,987.09		(63,841.21)	-	(4,042.44)		114.23	(3,928.21)	(162,679.48)
23	Dec-11	Per Books	(129,664.52)	(119,093.88)		63,449.20		(55,644.68)		(3,725.70)		104.56	(3,621.14)	(188,930.34)
24	Jan-12	Per Sooks	(173,415.31)	(95,422.49)		54,217.39		(41,205.10)		(3,337.75)		96.26	(3,241.49)	(217,861.90)
25	Feb-12	Per Socks	(155,120.36)	(85,222.22)		45,444.52		(39,777.70)		(3,316.30)		97.39	(3,218.91)	(198,116.97)
26	Mar-12	Per Socks	(134,048.17)	(84,137.15)		45,064.06		(39,073.09)		(3,323.03)		102.14	(3,220.89)	(176,342.15)
27	Period Totals	I Lines 15 thru 26	\$ (1,536,707.08)	\$ (1,652,879.19)	\$	862,478.98	\$	(790,400.21)	\$	(46,185.97)	\$	1,319.32	\$ (44,866.65)	\$ (2,371,973.94)
28	PrevProspective	I Lines 15 thro 18	\$ (471,319.97)	\$ (622,146.19)	\$	318,899.29	\$	(303,246.90)	\$	(16,230.96)	\$	455.71	\$ (15,775.25)	\$ (790,342.12)

Ç.	NC	EE	EMF	Recovery

Ç. NC	EE EMF Recoven	/														
						Ge	neral Service						ighting			
			Residential		Billing Amounts	Op	t-Out Credits		Net Billings	Billin	ng Amounts	Opt-	Out Credits	N	et Billings	Total
29	Apr-11	Per Soeks	\$ 73,379.3	2	26,149.05	\$	(13,881.31)	\$	12,267.74	\$		\$	-	\$	•	\$ 85,647.06
30	May-11	Per Backs	67,458.9	7	27,550.03		(14,679.91)		12,870.12				•		•	80,329. 09
31	Jun-11	Per Sanks	106,983,4		32,403.22		(15,955.76)		16,447,46		-		-		•	123,430.93
32	Jul-11	Per Souks	110,571.3		30,989.20		(15,510.13)		15,479.07		•		-		-	126,050.39
33	Aug-11	Agr Basis	119.252.7		34,447.34		(17,442.78)		17.004.56		-		-		-	136,257.31
34	Sep-11	Per Books	96.310.1		31,843,53		(16,263.68)		15.579.85		-		-		-	111,890.04
35	Oct-11	Per Books	72,042.4		29,349.54		(15,329.35)		14 020 19		-		-		-	86,062.59
36	Nov-11	Per Books	72,171.3		26,130.73		(14,115.22)		12,015.51		_		-		-	84,186.82
	Dec-11		144,780.2		72,013.45		(33,719.16)		38,294.29						-	183,074.49
37		Per Books	247,096.9		128,412.42		(59,534.73)		68,877.69		_		_		_	315,974.60
38	Jan-12	Per Books			•		(76,032.19)		66,546.99							287,591.21
39	Feb-12	Per Books	221,044.2		142,579.18		,								_	256,357.89
40	Mar-12	Per Jacks	191,015.9	0	140,733.88		(75,391.89)		65,341.99							 130,007.03
41	Period Totals	Į (jaus 2 thru 40	\$ 1,522,106.9	6 \$	722,601.57	\$	(367,856.11)	\$	354,745.46	\$		\$		\$		\$ 1,876,852.42
42	PrevProspective	2 Lones 29 thru 32	\$ 358,393.0	 18 \$	117,091.50	\$	(60,027.11)	\$_	57,064.39	\$		\$		\$	_•_	\$ 415,457.47

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

D. NC	Total DSM/DSD	R/EE EMF Reco	very												
						General Service				•	Lighting				
			Residential	Billing Amour		Opt-Out Credits		Net Billings		ling Amounts	Opt-Out Credits		Net Billings	_	Total
43	Apr-11	I lines 1, 15 & 29	. ,		9.20) \$	•	\$	(76,687.17)	\$	(4,064.75)	\$ 113.47	\$	(3,951.28)	\$	(90,701.10)
44	May-11	1 Unes 2, 16 & 30	(9,237.36)	(172,35		91,749.44 99,726.91		(80,603.14)		(4,068.48)	117.29 110.88		(3,951.19) (3,937.88)		(93,791.69) (121,393.26)
45	Jun-11	E Unes 1, 17 & 31	(14,658.15)	(202,52		99,726.91		(102,797.23)		(4,048.76) (4,048.97)	114.07		(3,934.90)		(115,792.74)
46	Jul-11	2 Lines 4, 18 & 32	(15,153.99)	(193,64	•	108,913.32		(96,703.85) (106,337.23)		(4,048.37)	120.95		(3,957.31)		(126,630.72)
47	Aug-11	\$ Lines 5, 19 & 33	(16,336.18)	(215,25		108,913.32		(97,359.29)		(4,078.28)	114.04		(3,945.69)		(114,509.19)
48	Sep-11	I lines 6, 20 8 34	(13,204.21)	(198,98		95,809.37		(87,613.80)		(4,033.73)	114.04		(3,957.76)		(101,445.26)
49	Oct-11	£ Unies 7, 21 & 35	(9,873.70) (9,886.23)	(183,42 (163,33		88,220.10		(75,110.41)		(4,042.44)	114.23		(3,928.21)		(88,924.85)
50 51	Nov-11 Dec-11	1 Lines 8, 22 & 36	28,475.52	(165,33		54,572.45		(39,818.67)		(3,725.70)	104.56		(3,621.14)		(14,964.29)
52	Jan-12	F (Jines 9, 23 & 37 F (Jines 10, 24 & 38	86,684.70	(10,44		18,311.49		7,864.79		(3,337.75)	96.26		(3,241.49)		91,308.00
53	Feb-12	1 (Jones 11, 25 & 39	77,557.28	16,38	,	(8,739.34)		7,647.23		(3,316.30)	97.39		(3,218.91)		81.985.60
54	Mar-12	I long 12,764.40	67,021.40	16,14		(8,662.71)		7,486.17		(3,323.03)	102.14		(3,220.89)		71,286.68
	10.41 12	10401210= **				(-/			_	<u> </u>					
55	Period Totals	2 Lines 43 thru 54	\$ 161,326.43	\$ (1,565,26	4.14) 5	825,231.54	\$	(740,032.60)	·\$	(46,185.97)	\$ 1,319.32	\$	(44,866.65)	\$	(623,572.82)
56	PrevProspective	I Lines 43 thru 46	\$ (49,112.15)	\$ (731,96	8.27) \$	375,176.88	\$	(356,791.39)	\$	(16,230.96)	\$ 455.71	\$	(15,775.25)	\$	(421,678.79)
E. NC	Total DSM/DSD	R/EE & EMF Re	covery												
						General Service					Light <u>ing</u>				
	Rate Recovery		Residential	Billing Amou	nts	Opt-Out Credits	_	Net Billings		ling Amounts	Opt-Out Credits		Net Billings	_	Total
57	DSM	(W/P R-2)	\$ 4,878,587.83	\$ 1,714,84	0.14	(889,059.93)	\$	825,780.21	\$	•	\$ -	\$	-	\$	5,704,368.04
58	DSDR	(W/P R-2)	12,260,059.08	17,385,75	5.41	(9,015,749.36)		8,370,006.05		362,717.57	(10,400.82)		352,316.75		20,982,381.88
59	EE	(W/P R-2)	15,812,080.20	12,122,77	9.70	(6,263,280.90)	_	5,859,498.80					-		21,671,579.00
60	Total	I Lines 57 thru 59	\$ 32,950,727.11	\$ 31,223,37	5.25	(16,168,090.19)	\$	15,055,285.06	\$	362,717.57	\$ (10,400.82)	\$	352,316.75	\$	48,358,328.92
	EMF Recovery										_	_			(430.454.30)
61	DSM	(Line 13)	\$ 175,926.55		6.52) \$		\$	(304,377.85)	\$	-	\$ -	\$	(44.055.55)	\$	(128,451.30) (2,371,973.94)
62	DSDR	(Line 27)	(1,536,707.08)	(1,652,87		862,478.98		(790,400.21)		(46,185.97)	1,319.32		(44,866.65)		1,876,852.42
63	EE	(Line 41)	1,522,106.96	722,60	1.57	(367,856.11)	_	354,745.46	_		-	_	<u>-</u> _		1,070,032.42
64	Total	I Unes 61 thru 63	\$ 161,326.43	\$ (1,565,26	4.14) \$	825,231.54	\$	(740,032.60)	\$	(46,185.97)	\$ 1,319.32	\$	(44,866.65)	\$	(623,572.82)
	5145 0 0-1- 0-														
	EMF & Rate Re		Ć C 054 514 39	\$ 1,079,85	363 9	(558,451.26)	¢	521,402.36	\$		\$ -	\$		\$	5,575,916.74
65 66	DSM DSDR	(Lines 57 + 61)	\$ 5,054,514.38 10,723,352.00	15,732,87		(8,153,270.38)	Ÿ	7,579,605.84	•	316,531.60	(9,081.50)	•	307,450.10	•	18,610,407.94
67	EE	(Lines 58 + 62)	17,334,187.16	12,845,38		(6,631,137.01)		6,214,244.26		•					23,548,431.42
07		(Lines 59 + 63)	17,334,167.10	11,043,30	<u> </u>	(0,001,151,01)	_	0/221/211111	_			_			
68	Total	Z Lines 65 thru 67	\$ 33,112,053.54	\$ 29,658,11	1.11	(15,342,858.65)	\$	14,315,252.46	\$	316,531.60	\$ (9,081.50)	\$	307,450.10	\$	47,734,756.10
//1	Actual/Estimate	ed Sales				General Service					Lighting				
177	Actualyzatimute	en anies	Residential	Billing Amou	nts	Opt-Out Credits		Net Billings	Bil	lling Amounts	Opt-Out Credits		Net Billings		Total
69	Apr-12	Actual Per Books	932,793,786	1,723,459	_	(940,224,731)	_	783,234,483		36,573,809	(1,104,251)		35,469,558	_	1,751,497,827
70	May-12	E-2 Sub 2002	944,200,970	1,818,454		(844,698,528)		973,755,968		40,031,521	(1,038,177)		38,993,344		1,956,950,283
71	Jun-12	E-2, Sub 1007	1,289,284,130	1,867,214		(961,318,397)		905,896,049		37,594,019	(1,082,589)		36,511,430		2,231,691,609
72	Jul-12	E-2, Sub 1007	1,567,961,064	2,000,163		(979,075,969)		1,021,087,938		38,529,400	(1,044,253)		37,485,147		2,626,534,149
			1,507,502,00	_,,	,	(,,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-,-									
(H,) Actuai/Estimat	ed Revenue				General Service					Lighting				
			Residential	Billing Amou	nts	Opt-Out Credits		Net Billings	Bi	lling Amounts	Opt-Out Credits		Net Billings	_	Total
73	Rates w/o GAT	E-2,5mb 2002	\$ 0.00006	\$ 0.0	0001	\$ 0.00001	\$	0.00001	\$	(0.00009)	\$ (0.00009)	\$	(0.00009)		Total
74	Apr-12	Actual Per Books	\$ 55,968		,214	\$ (9,378)	\$	7,836	\$	(3,292)	\$ 99	\$	(3,192)	\$	60,612
75	May-12	Lines 70 x 73	56,652	18	3,185	(8,447)		9,738		(3,603)	93		(3,509)		62,880
76	Jun-12	Unes 71 x 73	77,357	18	3,672	(9,613)		9,059		(3,383)	97		(3,286)		83,130
77	1.4.4.5	Unes 72 x 73	04.079	71	,002	(9,791)		10,211		(3,468)	94		(3,374)	_	100,915
	Jul-12	Unes /2 x /3	94,078				_								307,537
78	Total	1 Unes 74 thru 77	\$ 284,055		,072		\$	36,844	\$	(13,746)	\$ 384	\$	(13,362)	<u> </u>	
	Total	I Unes 14 thry 77	\$ 284,055	\$ 74	1,072		\$	36,844 -250.90%	_	(13,746)	\$ 384		(13,362) 0.00%	_	Total
79	Total DSM EMF\$	I Unes 74 thru 77 March 2012 %s	\$ 284,055 15.00%	\$ 74		\$ (37,229) -250.10%	_		· -				0.00%	<u>-</u>	(11,186)
79 8 0	Total DSM EMF\$ Apr-12	I lines 74 thru 77 March 2012 %s Actual	\$ 284,055 15.00% \$ 8,395	\$ 74 -25 \$ (4)	0,47% 3,088)	\$ (37,229) -250.10%	_	-250.90 <u>%</u>	· -	0.00%	0.00%	_	0.00%	_	(11,186) (15,933)
79 80 81	Total DSM EMF\$ Apr-12 May-12	1 Unes 74 thru 77 March 2012 %s Actual Unes 75 x 29	\$ 284,055 15.00%	\$ 74 \$ (4) \$ (4)	0.47%	\$ (37,229) -250.10% \$ 23,507	_	-250.90% (19,581)	· -	0.00%	0.00%	_	0.00%	_	(11,186) (15,933) (11,125)
79 80 81 82	Total DSM EMF\$ Apr-12 May-12 Jun-12	I lines 74 thru 77 March 2012 %s Actual	\$ 284,055 15.00% \$ 8,395 \$ 8,498	\$ 74 -25 \$ (4) (4)	0,47% 3,088) 5,547)	\$ (37,229) -250.10% \$ 23,507 21,126	_	-250.90 <u>%</u> (19,581) (24,431)	· -	0.00%	\$	\$	0.00%	\$	(11,186) (15,933) (11,125) (11,507)
79 80 81	Total DSM EMF\$ Apr-12 May-12	1 Dies 74 thru 77 March 2012 %s Actual Unes 75 x 79 Unes 76 x 79	\$ 284,055 15.00% \$ 8,395 \$ 8,498 11,604	\$ 74 -25 \$ (4) (4) (4)	0,47% 3,088) 5,547) 5,768)	\$ (37,229) -250.10% \$ 23,507 21,126 24,042 24,486	\$	-250.90% (19,581) (24,431) (22,729)	\$	0.00%	0.00%	_	0.00%	_	(11,186) (15,933) (11,125)
79 80 81 82 83 84	Total DSM EMF\$ Apr-12 May-12 Jun-12 Jul-12 Total	I Imes 74 thru 77 March 3012 %s Actual Unes 75 x 79 Unes 76 x 79 Unes 70 x 79 Unes 80 thru 83	\$ 284,055 15.00% \$ 8,395 \$ 8,498 11,604 14,112 \$ 42,610	\$ 7/ \$ (4) (4) (5) \$ (18)	0.47% 3,088) 5,547) 5,768) 0,098)	\$ (37,229) -250.10% \$ 23,507 21,126 24,042 24,486	\$	-250,90% (19,581) (24,431) (22,729) (25,619)	\$	0.00%	\$	\$	0.00%	\$	(11,186) (15,933) (11,125) (11,507)
79 80 81 82 83 84	Total DSM EMF\$ Apr-12 May-12 Jun-12 Jul-12 Total DSDR EMF\$	I Imes IN thru 77 March 2012 %s Actual Unes 75 x 79 Unes 77 x 79 I Unes 80 thru 83 March 2012 %s	\$ 284,055 15.00% \$ 8,395 \$ 8,498 11,604 14,112 \$ 42,610	\$ 74 \$ (44) (44) (50) \$ (18)	0,47% 3,088) 5,547) 5,768) 0,098) 5,500)	\$ (37,229) -250.10% \$ 23,507 21,126 24,042 24,486 \$ 93,161	\$	-250.90% (19,581) (24,431) (22,729) (25,619) (92,360)	\$	0.00%	\$ -	\$	100.00%	\$	(11,186) (15,933) (11,125) (11,507) (49,750)
79 80 81 82 83 84	Total DSM EMF\$ Apr-12 May-12 Jun-12 Jul-12 Total DSDR EMF\$ Apr-12	3 Lines 24 thru 77 Merch 2012 %s Achael Lines 75 x 79 Lines 76 x 79 Lines 80 thru 83 Merch 2012 %s Achael Far Boofs	\$ 284,055 15.00% \$ 8,395 \$ 8,498 11,604 14,112 \$ 42,610 -200.01% \$ (111,935)	\$ 7.4 \$ (4:1 (4:1 (5:1 \$ (18:1 -52 \$ (8:1	0,47% 0,088) 5,547) 5,768) 0,098) 5,500) 1.01%	\$ (37,229) -250,10% \$ 23,507 21,126 24,042 24,486 \$ 93,161 -520,21% \$ 48,899	\$	-250.90% (19,581) (24,431) (22,729) (25,619) (92,360)	\$	0.00%	\$ -	\$	0.00%	\$	(11,186) (15,933) (11,125) (11,507) (49,750)
79 80 81 82 83 84 85 86	Total DSM EMF\$ Apr-12 May-12 Jun-12 Jul-12 Total DSDR EMF\$ Apr-12 May-12	3 Lines 24 thru 77 Merch 2012 Na Achael Lines 75 x 79 Lines 76 x 79 \$ Lines 80 thru 83 Merch 2012 Ns Achael Par Books Lines 75 x 85	\$ 284,055 15.00% \$ 8,395 \$ 8,498 11,604 14,112 \$ 42,610 -200.01% \$ (111,935) (113,309)	\$ 74 -25' \$ (4' (4') (5) \$ (18') -52 \$ (8' (9')	3,072 3,088) 5,547) 5,768) 0,098) 5,500) 1.01% 9,627) 1,743)	\$ (37,229) -250.10% \$ 23,507 21,126 24,042 24,486 \$ 93,161	\$	-250.90% (19,581) (24,431) (22,729) (25,619) (92,360) -521.94% (40,728)	\$	100.00%	\$ \$ 100.00% \$ 99	\$	100.00%	\$	(11,186) (15,933) (11,125) (11,507) (49,750) Total (155,855)
79 80 81 82 83 84 85 86 87	Total DSM EMF\$ Apr-12 May-12 Jun-12 Jul-12 Total DSDR EMF\$ Apr-12 May-12 Jun-12	3 Lines 24 thru 77 Merch 2012 %s Achael Lines 75 x 79 Lines 76 x 79 Lines 80 thru 83 Merch 2012 %s Achael Per Boots Lines 75 x 85 Lines 76 x 85 Lines 76 x 85	\$ 284,055 15.00% \$ 8,395 \$ 8,498 11,604 14,112 \$ 42,610 -200.01% \$ (111,935) (113,309) (154,720)	\$ 74 -25' \$ (4' (4') (50) \$ (18') -52 \$ (8') (9') (9')	3,072 3,088) 5,547) 5,768) 0,098) 1,01% 1,01% 1,743) 7,284)	\$ (37,229) -250,10% \$ 23,507 21,126 24,042 24,486 \$ 93,161 -520,21% \$ 48,899 43,942	\$	-250.90% (19,581) (24,431) (22,729) (25,619) (92,360) -521.94% (40,728) (50,824)	\$	100.00%	\$ 100.00% \$ 100.00% \$ 99 93 97	\$	100.00% (3,192) (3,509) (3,286) (3,374)	\$ \$	(11,186) (15,933) (11,125) (11,507) (49,750) Total (155,855) (167,642) (205,288) (244,831)
79 80 81 82 83 84 85 86	Total DSM EMF\$ Apr-12 May-12 Jun-12 Jul-12 Total DSDR EMF\$ Apr-12 May-12 Jun-12 Jul-12	3 Lines 24 thru 77 Merch 2012 Na Achael Lines 75 x 79 Lines 76 x 79 \$ Lines 80 thru 83 Merch 2012 Ns Achael Par Books Lines 75 x 85	\$ 284,055 15.00% \$ 8,395 \$ 8,498 11,604 14,112 \$ 42,610 -200.01% \$ (111,935) (113,309)	\$ 7/ -25/ \$ (4) (4) (5) \$ (18) -52 \$ (8) (9) (10)	3,072 3,088) 5,547) 5,768) 0,098) 5,500) 1.01% 9,627) 1,743)	\$ (37,229) -250,10% \$ 23,507 21,126 24,042 24,486 \$ 93,161 -520,21% \$ 48,899 43,942 50,008 50,932	\$	-250.90% (19,581) (24,431) (22,729) (25,619) (92,360) -521.94% (40,728) (50,824) (47,282)	\$	0.00% - - - 100.00% (3,292) (3,603) (3,383)	\$ 100.00% \$ 99 93 97	\$	100.00% (3,192) (3,509) (3,286) (3,374)	\$ \$	(11,186) (15,933) (11,125) (11,507) (49,750) Total (155,855) (167,642) (205,288)

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

IIII Actual.	/Estimated	Revenue	(continued)

						C	General Service	 			l	ighting		
			R	esidential	Billing Amounts		Opt-Out Credits	 Net Billings	Bi	lling Amounts	Opt-	Out Credits	 Net Billings	Total
91	EE EMF\$	March 2012 %s		285.01%	871.48%		870.30%	872.84%		0.00%		0.00%	 0.00%	Total
92	Apr-12	Actual Per Books	\$	159,508	\$ 149,928	\$	(81,784)	\$ 68,145	\$	•	\$	-	\$ -	\$ 227,653
93	May-12	Lines 75 x 91		161,463	158,474		(73,514)	84,993		-		-	-	246,455
94	Jun-12	Lines 76 x 91		220,473	162,724		(83,664)	79,070		•		-	-	299,543
95	Jul-12	Unes 77 x 91		268,128	174,310		(85,209)	 89,124		-		<u> </u>		357,252
96	Total	I Lines 92 thru 95	\$	809,572	\$ 645,436	\$	(324,171)	\$ 321,332	\$	-	\$	-	\$ -	\$ 1,130,904

F. NC Adjusted Test Period EMF Revenues

1.110	majorico rest i c	alog civil ner	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,												
							G	eneral Service					Lighting		
				Residential	- 1	Billing Amounts	O	pt-Out Credits	 Net Billings	Bill	ing Amounts	Opt	t-Out Credits	 Net Billings	 Total
97	DSM EMF\$	Lines 13 - 14 + 84	\$	154,722	\$	(593,573)	\$	307,465	\$ (286,129)	\$	-	\$	-	\$ -	\$ (131,407)
98	DSDR EMF\$	(ines 27 - 28 + 90		(1,633,514)		(1,416,597)		737,361	(679,281)		(43,701)		1,248	(42,453)	(2,355,248)
99	EE EMF\$	(Inc) 42 - 42 + 96		1,973,286		1,250,946		(632,000)	619,013					 -	 2,592,299
100	Total EMF\$	E Lines 97 thru 99	\$	494,493	\$	(759,223)	\$	412,826	\$ (346,397)	\$	(43,701)	\$	1,248	\$ (42,453)	\$ 105,643

G. NC Adjusted Test Period Revenues

						G	eneral Service		•			Lighting			
			Residential	В	illing Amounts	0	pt-Out Credits	Net Billings	Bill	ling Amounts	Opt	-Out Credits	_	Net Billings	 Total
101	DSM\$	W/F R-2 Line #5	\$ 5,520,002	\$	1,862,354	\$	(957,854)	\$ 904,500	\$	-	\$	•	\$	-	\$ 6,424,502
102	DSDR\$	W/P R-2 Une 86	12,934,304		18,743,751		(9,643,697)	9,100,061		392,674		(11,224)		381,450	22,415,815
103	EE\$	W/F R-2 Line 87	18,799,420		14,662,692		(7,505,937)	7,156,747		<u>-</u>					 25,956,167
104	Total	I Lines 101 (hru 103	\$ 37,253,725	\$	35,268,796	\$	(18,107,487)	\$ 17,161,309	\$	392,674	\$	(11,224)	\$	381,450	\$ 54,796,484

H. Total NC Adjusted Test Period Revenues

H. Tota	n NC Adjusted	i est Period Kev	enue	25												
							6	General Service				t	ighting			
			(Residential		Billing Amounts	C	pt-Out Credits	Net Billings	Billi	ing Amounts	Opt-	Out Credits	N	et Billings	 Total
105	DSMŠ	Lines 97 + 101	Ś	5,674,723	5	1,268,781	\$	(650,389)	\$ 618,371	\$	-	\$	-	\$	-	\$ 6,293,094
106	DSDR\$	[ints 98 + 102		11,300,790		17,327,154		(8,906,335)	8,420,780		348,973		(9,976)		338,997	20,060,567
107	EE\$	(ines 99 + 103		20,772,706		15,913,638		(8,137,937)	7,775,760						<u> </u>	 28,548,466
108	Total	I Lines 105 thru 107	\$	37,748,218	\$	34,509,573	\$	(17,694,661)	\$ 16,814,911	\$	348,973	\$	(9,976)	\$	338,997	\$ 54,902,127

1. 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	15.03%	3.68%	3.68%	3.68%	0.00%	0.00%	0.00%	11,46%
110	D5DR	Lines 106 / 108	29.94%	50.21%	50.33%	50.08%	100.00%	100.00%	100.00%	36.54%
111	EE	(ines 107 / 108	55.03%	46.11%	45.99%	46.24%	0.00%	0.00%	0.00%	. 52.00%
112	Total	2 Lines 109 thru 211	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

J. Total NC Adjusted Test Period Revenue (Rate and EMF)

J. Total	NC Adjusted T	est Period Reve	nue (Kate and EMF)							
					General Service			Lighting		
			Residential	Billing Amounts	Opt-Out Credits	Net Billings	Billing Amounts	Opt-Out Credits	Net Billings	Total
113	Aug-11	Upg 47 + WP 8-2	3.120.172.78	2,625,866.69	(1,328,903.89)	1,296,962.80	24,469.57	(725.71)	23,743.86	4,440,879.44
114	Sep-11	Line 48 + WP R-2	2,519,932.09	2,427,697.89	(1,239,902.33)	1,187,795.56	24,354.29	(681.22)	23,673.07	3,731,400.72
115	Oct-11	Une 49 + WP R-2	1,884,962.36	2,237,774.59	(1,168,861.67)	1,068,912.92	24,429.37	(690.98)	23,738.39	2,977,613.67
116	Nov-11	Une 50 + WP R-2	1,888,317.85	1,992,592.92	(1,076,285.38)	916,307.54	24,254.65	(685.37)	23,569.28	2,828,194.67
117	Dec-11	Une 51 + WP R-2	2,911,298.74	2,424,668.24	(1,224,760.74)	1,199,907.50	27,453.93	(771.11)	26,682.82	4,137, 8 89.06
118	Jan-12	Ung 52 + IAP R-2	4,277,401.69	2,962,616.07	(1,489,631.09)	1,472,984.98	31,504.72	(908.50)	30,596.22	5,780,982.89
119	· Feb-12	Une 53 + WP R-2	3,826,279.65	3,048,157.30	(1,625,515.71)	1,422,641.59	31,315.63	(919.76)	30,395.87	5,279,317.11
120	Mar-12	Une 54 + WP R-2	3,306,500.46	3,009,027.88	(1,611,852.78)	1,397,175.10	31,371.98	(964.63)	30,407.35	4,734,082.91
121	Apr-12	See 74 + WP R-2	2,761,072.18	3,205,521.84	(1,748,674.66)	1,456,847.18	31,087.48	(938.62)	30,148.86	4,248,068.22
122	May-12	Line 75 + WF R-2	2,794,834.87	3,382,325.36	(1,571,139.26)	1,811,186.10	34,026.79	(882.45)	33,144.34	4,639,165.31
123	Jun-12	Line 76 + WF R-2	3,816,281.02	3,473,018.87	(1,788,052.22)	1,684,966.65	31,954.92	(920.20)	31,034.72	5,532,282.39
124	Jul-12	Line 77+ WP R-2	4,641,164.75	3,720,304.87	(1,821,081.30)	1,899,223.57	32,749.99	(887.62)	31,862.37	6,572,250.69

DSM/EE Sales Summary (Actual kWh)

			General Service			Lighting			Total	
	Residential	Total	Opt-Outs	Net	Total	Opt-Outs	Net	Total	Opt-Outs	Net
Apr-11	1,005,237,761	1,634,492,057	(867,620,270)	766,871,787	36,945,888	(1,031,588)	35,914,300	2,676,675,706	(868,651,858)	1,808,023,848
May-11	924,075,510	1,723,610,889	(917,494,394)	806,116,495	36,980,560	(1,066,240)	35,914,320	2,684,666,959	(918,560,634)	1,766,106,325
Jun-11	1,465,536,962	2,025,241,538	(997,269,186)	1,027,972,352	36,805,546	(1,007,990)	35,797,556	3,527,584,046	(998,277,176)	2,529,306,870
Jul-11	1,514,713,727	1,936,334,124	(969,381,626)	966,952,498	36,808,743	(1,036,957)	35,771,786	3,487,856,594	(970,418,583)	2,517,438,011
Aug-11	1,633,595,686	2,151,930,803	(1,089,133,113)	1,062,797,690	37,075,094	(1,099,561)	35,975,533	3,822,601,583	(1,090,232,674)	2,732,368,909
Sep-11	1,319,364,089	1,989,862,211	(1,016,278,509)	973,583,702	36,899,803	(1,036,699)	35,863,104	3,346,126,103	(1,017,315,208)	2,328,810,895
Oct-11	986,905,288	1,834,224,511	(958,084,120)	876,140,391	37,013,959	(1,045,476)	35,968,483	2,858,143,758	(959,129,596)	1,899,014,162
Nov-11	988,649,090	1,633,287,195	(882,201,126)	751,086,069	36,749,461	(1,038,439)	35,711,022	2,658,685,746	(883,239,565)	1,775,446,181
Dec-11	1,205,900,828	1,650,468,619	(855,953,835)	794,514,784	36,860,964	(1,034,858)	35,826,106	2,893,230,411	(856,988,693)	2,036,241,718
Jan-12	1,445,169,938	1,677,963,524	(885,854,958)	792,108,566	37,075,245	(1,069,198)	36,006,047	3,160,208,707	(886,924,156)	2,273,284,551
Feb-12	1,292,673,038	1,638,759,768	(873,933,171)	764,826,597	36,844,815	(1,082,079)	35,762,736	2,968,277,621	(875,015,250)	2,093,262,371
Mar-12	1,117,075,825	1,617,848,762	(866,597,763)	751,250,999	36,914,508	(1,134,858)	35,779,650	2,771,839,095	(867,732,621)	1,904,106,474
Totals	14,898,897,742	21,514,024,001	(11,179,802,071)	10,334,221,930	442,974,586	(12,683,943)	430,290,643	36,855,896,329	(11,192,486,014)	25,663,410,315
Jan-11	2,017,389,451	1,795,881,660	(875,851,125)	920,030,535	36,857,130	(1,045,249)	35,811,881	3,850,128,241	(876,896,374)	2,973,231,867
Feb-11	1,519,097,319	1,687,056,259	(872,874,004)	814,182,255	36,888,726	(1,043,136)	35,845,590	3,243,042,304	(873,917,140)	2,369,125,164
Mar-11	1,169,777,684	1,625,385,714	(846,364,646)	779,021,068	36,932,016	(1,057,091)	35,874,925	2,832,095,414	(847,421,737 <u>)</u>	1,984,673,677
Totals	4,706,264,454	5,108,323,633	(2,595,089,775)	2,513,233,858	110,677,872	(3,145,476)	107,532,396	9,925,265,959	(2,598,235,251)	7,327,030,708
12ME12-11	15,750,243,395	21,687,775,580	(11,148,505,954)	10,539,269,626	442,817,890	(12,543,284)	430,274,606	37,880,836,865	(11,161,049,238)	26,719,787,627

DSM/EE Sales Summary (Forecasted kWh)

			General Service			Lighting			Total	
	Residential	Total	Opt-Outs	Net	Total	Opt-Outs	Net	Total	Opt-Outs	Net
Dec-12	1,486,049,139	1,548,042,973	(855,953,835)	692,089,138	37,573,651	(1,034,858)	36,538,793	3,071,665,763	(856,988,693)	2,214,677,070
Jan-13	1,699,727,190	1,755,866,065	(885,854,958)	870,011,107	38,504,487	(1,069,198)	37,435,289	3,494,097,742	(886,924,156)	2,607,173,586
Feb-13	1,592,651,022	1,719,369,381	(873,933,171)	845,436,210	37,671,276	(1,082,079)	36,589,197	3,349,691,679	(875,015,250)	2,474,676,429
Mar-13	1,316,193,338	1,702,083,671	(866,597,763)	835,485,908	37,688,254	(1,134,858)	36,553,396	3,055,965,263	(867,732,621)	2,188,232,642
Apr-13	953,522,607	1,851,761,756	(867,620,270)	984,141,486	39,252,272	(1,031,588)	38,220,684 ⁻	2,844,536,634	(868,651,858)	1,975,884,776
May-13	897,949,127	1,738,572,672	(917,494,394)	821,078,278	38,844,195	(1,066,240)	37,777,955	2,675,365,993	(918,560,634)	1,756,805,359
Jun-13	1,233,319,741	1,892,170,300	(997,269,186)	894,901,114	36,544,590	(1,007,990)	35,536,600	3,162,034,631	(998,277,176)	2,163,757,455
Jul-13	1,566,507,474	1,950,093,542	(969,381,626)	980,711,916	37,266,172	(1,036,957)	36,229,215	3,553,867,189	(970,418,583)	2,583,448,606
Aug-13	1,468,950,619	2.121.804,627	(1,089,133,113)	1,032,671,514	36,955,805	(1,099,561)	35,856,244	3,627,711,051	(1,090,232,674)	2,537,478,377
Sep-13	1,265,562,536	2,111,251,732	(1,016,278,509)	1,094,973,223	40,612,088	(1,036,699)	39,575,389	3,417,426,355	(1,017,315,208)	2,400,111,147
Oct-13	933,838,659	1,901,792,526	(958,084,120)	943,708,406	38,943,057	(1,045,476)	37,897,581	2,874,574,242	(959,129,596)	1,915,444,646
Nov-13	941,792,511	1,656,924,528	(882,201,126)	774,723,402	38,215,268	(1,038,439)	37,176,829	2,636,932,307	(883,239,565)	1,753,692,742
Totals	15 356.063.960	21.949.733.773	(11,179,802,071)	10,769,931,702	458,071,116	(12,683,943)	445,387,173	37,763,868,849	(11,192,486,014)	26,571,382,835

DSM/EE Rate Billings (net of GRT & NCUC fee)

State:	N	lorti	h Cai	rolina
JUIC.		וטוטו	ı Ca	Ullila

Month of April 2011

					Total		Average
Rate Class	KWH	DSM	DSDR	EE	Recovery	DS	M/EE Rate
Residential	1,005,237,761	\$ 285,483.72	\$ 776,032.62	\$ 868,503.74	\$ 1,930,020.08	\$	0.00192
Res RECD (reflected above)			-		<u>.</u>		
Net Residential	1,005,237,761	\$ 285,483.72	\$ 776,032.62	\$ 868,503.74	\$ 1,930,020.08	\$	0.00192
Small General Service	124,858,122	\$ 9,364.42	\$ 95,517.44	\$ 59,932.67	\$ 164,814.53	\$	0.00132
Medium General Svc	819,608,041	61,469.55	626,984.42	393,399.46	1,081,853.43		0.00132
Large General Service	690,025,894	51,751.94	527,869.81	331,212.43	910,834.18		0.00132
Less: Opt-Outs	(867,620,270)	(65,071.31)	(663,726.29)	(416,455.19)	(1,145,252.79)		0.00132
Net General Service	766,871,787	\$ 57,514.60	\$ 586,645.38	\$ 368,089.37	\$ 1,012,249.35	\$	0.00132
Lighting	36,945,888	\$ -	\$ 28,449.15	\$ • •	\$ 28,449.15	\$	0.00077
Less: Opt Outs	(1,031,588)	_	(7 <u>94.32)</u>	-	(794.32)		0.00077
Net Lighting	35,914,300	\$ 	\$ 27,654.83	\$ -	\$ 27,654.83	\$	0.00077
Total .	1,808,023,848	\$ 342,998.32	\$ 1,390,332.83	\$ 1,236,593.11	\$ 2,969,924.26		NA

Source: RMCRY6

DSM/EE EMF Billings (net of GRT & NCUC fee)

State: North Carolina

Month of April 2011

				.*	Total		Average
Rate Class	кwн	DSM	DSDR	 EE	 Recovery		EMF Rate
Residential	1,005,237,761	\$ 13,062.18	\$ (96,504.15)	\$ 73,379.32	\$ (10,062.65)	\$	(0.00001)
Res RECD (reflected above)	<u>-</u>		_		<u> </u>	_	<u> </u>
Net Residential	1,005,237,761	\$ 13,062.18	\$ (96,504.15)	\$ 73,379.32	\$ (10,062.65)	\$	(0.00001)
Small General Service	124,858,122	\$ (3,870.62)	\$ (10,613.11)	\$ 1,997.92	\$ (12,485.81)	\$	(0.00010)
Medium General Svc	819,608,041	(25,407.57)	(69,663.95)	13,110.72	(81,960.80)		(0.00010)
Large General Service	690,025,894	(21,390.80)	(58,652.20)	11,040.41	(69,002.59)		(0.00010)
Less: Opt-Outs	(867,620,270)	26,896.17	73,747.17	(13,881.31)	86,762.03		(0.00010)
Net General Service	766,871,787	\$ (23,772.82)	\$ (65,182.09)	\$ 12,267.74	\$ (76,687.17)	\$	(0.00010)
Lighting	36,945,888	\$ -	\$ (4,064.75)	\$ -	\$ (4,064.75)	\$	(0.00011)
Less: Opt Outs	(1,031,588)	-	113.47	_	113.47		(0.00011)
Net Lighting	35,914,300		 (3,951.28)	<u> </u>	 (3,951.28)	\$	(0.00011)
Total	1,808,023,848	\$ (10,710.64)	\$ (165,637.52)	\$ 85,647.06	\$ (90,701.10)		NA

Σ	DSM	/EE	Rate	and	EMF
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Total DSM/EE Rider Billings (net of GRT & NCUC fee)

		•				•		-		
State: North Carolina				Mo	nth of April 2011					
								Total		Average
Rate Class	KWH		DSM		DSDR		EĘ	Recovery		Total Rate
Residential	1,005,237,761	\$	298,545.90	\$	679,528.47	\$	941,883.06	\$ 1,919,957.43	\$	0.00191
Res RECD (reflected above)	-		<u>-</u>				<u> </u>		_	
Net Residential	1,005,237,761	\$	298,545.90	\$	679,528.47	\$	941,883.06	\$ 1,919,957.43	\$	0.00191
Small General Service	124,858,122	\$	5,493.80	\$	84,904.33	\$	61,930.59	\$ 152,328.72		0.00122
Medium General Svc	819,608,041		36,061.98		557,320.47		406,510.18	999,892.63		0.00122
Large General Service	690,025,894		30,361.14		469,217.61		342,252.84	841,831.59		0.00122
Less: Opt-Outs	(867,620,270)		(38,175.14)		(589,979.12)		(430,336.50)	(1,058,490.76)		0.00122
Net General Service	766,871,787	\$	33,741.78	\$	521,463.29	\$	380,357.11	\$ 935,562.18	\$	0.00122
Lighting	36,945,888	\$	-	\$	24,384.40	\$	-	\$ 24,384.40	\$	0.00066
Less: Opt Outs	(1,031,588)		-		(680.85)		-	(680.85)		0.00066
Net Lighting	35,914,300		_		25,065		-	23,704	\$	0.00066
Total	1,808,023,848	\$	332,287.68	\$	1,226,057.01	\$	1,322,240.17	\$ 2,879,223.16		NA

Source: RMCRY4
State: North Carolina

DSM/EE Rate Billings (net of GRT & NCUC fee)

Month of May 2011

					Total		Average
Rate Class	KWH	DSM	DSDR	EE	Recovery	DS	M/EE Rate
Residential	924,075,510	\$ 262,439.00	\$ 713,393.81	\$ 798,414.82	\$ 1,774,247.63	\$	0.00192
Res RECD (reflected above)		<u> </u>	-				
Net Residential	924,075,510	\$ 262,439.00	\$ 713,393.81	\$ 798,414.82	\$ 1,774,247.63	\$	0.00192
Small General Service	128,352,584	\$ 9,626.32	\$ 98,186.00	\$ 61,605.78	\$ 169,418.10	\$	0.00132
Medium General Svc	867,418,380	65,044.01	663,420.60	416,247.00	1,144,711.61		0.00132
Large General Service	727,839,925	54,587.99	556,797.54	349,363.16	960,748.69		0.00132
Less: Opt-Outs	(917,494,394)	(68,812.08)	(701,883.22)	(440,397.31)	(1,211,092.61)		0.00132_
Net General Service	806,116,495	\$ 60,446.24	\$ 616,520.92	\$ 386,818.63	\$ 1,063,785.79	\$	0.00132
Lighting	36,980,560	\$ -	\$ 28,476.14	\$ -	\$ 28,476.14	\$	0.00077
Less: Opt Outs	(1,066,240)		(821.00)	-	(821.00)		0.00077
Net Lighting	35,914,320	\$ •	\$ 27,655.14	\$ -	\$ 27,655.14	\$	0.00077
Total	1,766,106,325	\$ 322,885.24	\$ 1,357,569.87	\$ 1,185,233.45	\$ 2,865,688.56		NA ·

Source: RMCRY6

DSM/EE EMF Billings (net of GRT & NCUC fee)

Month of May 2011 State: North Carolina Total Average DSDR Recovery **EMF** Rate DSM ΕE Rate Class **KWH** (0.00001)(88,711.53) \$ 67,458.97 (9,237.36) \$ 924,075,510 \$ 12,015.20 \$ Residential Res RECD (reflected above) (9,237.36) \$ (0.00001) 67,458.97 \$ 12,015.20 \$ (88,711.53) \$ Net Residential 924,075,510 (12,835.72) \$ (0.00010)128,352,584 \$ (3,979.00) \$ (10,909.34) \$ 2,052.62 \$ Small General Service (0.00010)13,851.97 (86,732.85) (73,702.65)867,418,380 (26,882.17)Medium General Svc (0.00010)11,645.44 (72,784.01)(22,563.05)(61,866.40) 727,839,925 Large General Service (0.00010)(14,679.91)91,749.44 28,442.33 77,987.02 Less: Opt-Outs (917,494,394) (0.00010)12,870.12 (80,603.14) \$ (24,981.89) \$ (68,491.37) \$ 806,116,495 Net General Service \$ (4,068.48) \$ (0.00011)\$ (4,068.48) \$ 36,980,560 Lighting (0.00011)117.29 117.29 (1,066,240)Less: Opt Outs (0.00011)(3,951.19) \$ 35,914,320 (3,951.19)**Net Lighting** 80,329.09 \$ (93,791.69) NA (12,966.69) \$ (161,154.09) \$ 1,766,106,325 Total

Σ DSM/EE Rate and EMF State: North Carolina	Total DS	M/		llings (net	-	GRT & NO	:U	C fee)		
State. North Caronna				 ,,				Total		Average
Rate Class	кWН		DSM	DSDR		EE _		Recovery		Total Rate
Residential	924,075,510	\$	274,454.20	\$ 624,682.28	\$	865,873.79	\$	1,765,010.27	\$	0.00191
Res RECD (reflected above)	-		-	_		<u> </u>				
Net Residential	924,075,510	\$	274,454.20	\$ 624,682.28	\$	865,873.79	\$	1,765,010.27	\$	0.00191
Small General Service	128,352,584	\$	5,647.32	\$ 87,276.66	\$	63,658.40	\$	156,582.38		0.00122
Medium General Svc	867,418,380		38,161.84	589,717.95		430,098.97		1,057,978.76		0.00122
Large General Service	727,839,925		32,024.94	494,931.14		361,008.60		887,964.68		0.00122
Less: Opt-Outs	(917,494,394)		(40,369.75)	(623,896.20)		(455,077.22)		(1,119,343.17)		0.00122
Net General Service	806,116,495	\$	35,464.35	\$ 548,029.55	\$	399,688.75	\$	983,182.65	\$	0.00122
Lighting	36,980,560	\$	-	\$ 24,407.66	\$	-	\$	24,407.66	\$	0.00066
Less: Opt Outs	(1,066,240)		_	(703.71)				(703.71)		0.00066
Net Lighting	35,914,320		_	25,111				23,704	\$_	0.00066
Total	1,766,106,325	\$	309,918.55	\$ 1,197,823.20	\$	1,265,562.54	\$	2,771,896.87		NA

Source: RMCRY4 State: North Carolina

Source: RMCRY6

DSM/EE Rate Billings (net of GRT & NCUC fee)

Month of June 2011

					Total		Average
Rate Class	KWH	 DSM	DSDR	EE	Recovery	DS	M/EE Rate
Residential	1,465,536,962	\$ 416,211.56	\$ 1,131,391.88	\$ 1,266,218.66	\$ 2,813,822.10	\$	0.00192
Res RECD (reflected above)	<u>.</u>	 -	-	-	-		<u> </u>
Net Residential	1,465,536,962	\$ 416,211.56	\$ 1,131,391.88	\$ 1,266,218.66	\$ 2,813,822.10	\$	0.00192
Small General Service	179,497,443	\$ 13,462.27	\$ 137,315.04	\$ 86,158.37	\$ 236,935.68	\$	0.00132
Medium General Svc	1,080,313,480	81,023.33	826,436.94	518,548.21	1,426,008.48		0.00132
Large General Service	765,430,615	57,407.30	585,554.42	367,406.70	1,010,368.42		0.00132
Less: Opt-Outs	(997,269,186)	(74,795.00)	(762,908.07)	(478,686.95)	(1,316,390.02)		0.00132
Net General Service	1,027,972,352	\$ 77,097.90	\$ 786,398.33	\$ 493,426.33	\$ 1,356,922.56	\$	0.00132
Lighting	36,805,546	\$ •	\$ 28,340.39	\$ -	\$ 28,340.39	\$	0.00077
Less: Opt Outs	(1,007,990)	 -	(776.15)		(776.15)		0.00077
Net Lighting	35,797,556	\$ ·	\$ 27,564.24	\$ -	\$ 27,564.24	\$	0.00077
Total	2,529,306,870	\$ 493,309.46	\$ 1,945,354.45	\$ 1,759,644.99	\$ 4,198,308.90		NA

DSM/EE EMF Billings (net of GRT & NCUC fee)

Month of June 2011

State: North Carolina			Moi	nth of June 2011				
							Total	Average
Rate Class	KWH	DSM		DSDR	EE		Recovery	EMF Rate
Residential	1,465,536,962	\$ 19,050.38	\$	(140,692.00)	\$ 106,983.47	\$	(14,658.15)	\$ (0.00001)
Res RECD (reflected above)	-	-		_				
Net Residential	1,465,536,962	\$ 19,050.38	\$	(140,692.00)	\$ 106,983.47	\$	(14,658.15)	\$ (0.00001)
Small General Service	179,497,443	\$ (5,564.41)	\$	(15,257.19)	\$ 2,871.86	\$	(17,949.74)	\$ (0.00010)
Medium General Svc	1,080,313,480	(33,489.66)		(91,826.15)	17,284.47		(108,031.34)	(0.00010)
Large General Service	765,430,615	(23,728.35)		(65,061.60)	12,246.89	. *	(76,543.06)	(0.00010)
Less: Opt-Outs	(997,269,186)	30,915.29		84,767.38	 (15,955.76)		99,726.91	(0.00010)

Net General Service	1,027,972,352	\$	(31,867.13) \$	(87,377.56) \$	16,447.46	\$ (102,797.23) \$	(0.00010)
Lighting	36.805.546	Ś	\$	(4,048.76) \$	-	\$ (4,048.76) \$	(0.00011)
Less: Opt Outs	(1,007,990)	•	-	110.88	-	110.88	(0.00011)
Net Lighting	35,797,556		-	(3,937.88)	•	(3,937.88) \$	(0.00011)
Total	2,529,306,870	\$	(12,816.75) \$	(232,007.44) \$	123,430.93	\$ (121,393.26)	NA

Σ DSM/EE Rate and EMF	Total DS	M,			_	GRT & NO	CU	C fee)	٠	
State: North Carolina				IVIO	nth of June 2011			Total		Average
Rate Class	кwн		DSM		DSDR	EE		Recovery	-	Total Rate
Residential	1,465,536,962	\$	435,261.94	\$	990,699.88	\$ 1,373,202.13	\$	2,799,163.95	\$	0.00191
Res RECD (reflected above)					_			<u>-</u>		-
Net Residential	1,465,536,962	\$	435,261.94	\$	990,699.88	\$ 1,373,202.13	\$	2,799,163.95	\$	0.00191
Small General Service	179,497,443	\$	7,897.86	\$	122,057.85	\$ 89,030.23	\$	218,985.94		0.00122
Medium General Svc	1,080,313,480		47,533.67		734,610.79	535,832.68		1,317,977.14		0.00122
Large General Service	765,430,615		33,678.95 ·		520,492.82	379,653.59		933,825.36		0.00122
Less: Opt-Outs	(997,269,186)		(43,879.71)		(678,140.69)	(494,642.71)		(1,216,663.11)		0.00122
Net General Service	1,027,972,352	\$	45,230.77	\$	699,020.77	\$ 509,873.79	\$	1,254,125.33	\$	0.00122
Lighting	36,805,546	Ś	-	\$	24,291.63	\$ -	\$	24,291.63	\$	0.00066
Less: Opt Outs	(1,007,990)	-	-		(665.27)	•		(665.27)		0.00066
Net Lighting	35,797,556		-		24,957	-		23,626	\$	0.00066
Total	2,529,306,870	\$	480,492.71	\$	1,714,677.55	\$ 1,883,075.92	\$	4,076,915.64		NA

DSM/EE Rate Billings (net of GRT & NCUC fee)

State: North Carolina

Month of July 2011

					Total		Average
Rate Class	KWH	DSM	DSDR	 EE	Recovery	DS	M/EE Rate
Residential	1,514,713,727	\$ 430,175.59	\$ 1,169,346.00	\$ 1,308,688.67	\$ 2,908,210.26	\$	0.00192
Res RECD (reflected above)		•	-		-		
Net Residential	1,514,713,727	\$ 430,175.59	\$ 1,169,346.00	\$ 1,308,688.67	\$ 2,908,210.26	\$	0.00192
Small General Service	177,161,156	\$ 13,288.46	\$ 135,542.17	\$ 85,046.46	\$ 233,877.09	\$	0.00132
Medium General Svc	994,517,336	74,589.02	760,807.44	477,369.20	1,312,765.66		0.00132
Large General Service	764,655,632	57,349.52	584,959.46	367,032.95	1,009,341.93		0.00132
Less: Opt-Outs	(969,381,626)	(72,703.84)	(741,578.62)	(465,304.06)	 (1,279,586.52)		0.00132
Net General Service	966,952,498	\$ 72,523.16	\$ 739,730.45	\$ 464,144.55	\$ 1,276,398.16	\$	0.00132
Lighting	36,808,743	\$ -	\$ 28,342.74	\$ -	\$ 28,342.74	\$	0.00077
Less: Opt Outs	(1,036,957)	· <u>-</u>	(798.46)	 <u>-</u>	(798.46)		0.00077
Net Lighting	35,771,786	\$ 	\$ 27,544.28	\$ -	\$ 27,544.28	\$	0.00077
Total	2,517,438,011	\$ 502,698.75	\$ 1,936,620.73	\$ 1,772,833.22	\$ 4,212,152.70		NA

Source: RMCRY6

DSM/EE EMF Billings (net of GRT & NCUC fee)

State: North Carolina

Month of July 2011

State: Hortin datamia			, ,		Total	Average
Rate Class	кwн	DSM	DSDR	EE	Recovery	EMF Rate
Residential	1,514,713,727	\$ 19,686.98	\$ (145,412.29)	\$ 110,571.32	\$ (15,153.99)	\$ (0.00001)
Res RECD (reflected above)	-	-	·	_	-	
Net Residential	1,514,713,727	\$ 19,686.98	\$ (145,412.29)	\$ 110,571.32	\$ (15,153.99)	\$ (0.00001)
Small General Service	177,161,156	\$ (5,492.66)	\$ (15,061.16)	\$ 2,836.11	\$ (17,717.71)	\$ (0.00010)
Medium General Svc	994,517,336	(30,830.12)	(84,534.26)	15,912.30	(99,452.08)	(0.00010)
Large General Service	764,655,632	(23,715.17)	(64,998.18)	12,240.79	(76,472.56)	(0.00010)
Less: Opt-Outs	(969,381,626)	30,050.91	82,397.72	(15,510.13)	96,938.50	(0.00010)
Net General Service	966,952,498	\$ (29,987.04)	\$ (82,195.88)	\$ 15,479.07	\$ (96,703.85)	\$ (0.00010)
Lighting	36,808,743	\$ •	\$ (4,048.97)	\$ -	\$ (4,048.97)	\$ (0.00011)
Less: Opt Outs	(1,036,957)	-	114.07		114.07	(0.00011)
Net Lighting	35,771,786	 -	(3,934.90)	-	(3,934.90)	\$ (0.00011)
Total	2,517,438,011	\$ (10,300.06)	\$ (231,543.07)	\$ 126,050.39	\$ (115,792.74)	NA

Σ DSM/EE Rate and EMF State: North Carolina	Total DS	SM/	EE Rider	llings (net	of	GRT & NO	CU	C fee)	
State, North Carolina				 ,				Total	Average
Rate Class	кwн		DSM	 DSDR		EE		Recovery	 Total Rate
Residential	1,514,713,727	\$	449,862.57	\$ 1,023,933.71	\$	1,419,259.99	\$	2,893,056.27	\$ 0.00191
Res RECD (reflected above)				-		-			 -
Net Residential	1,514,713,727	\$	449,862.57	\$ 1,023,933.71	\$	1,419,259.99	\$	2,893,056.27	\$ 0.00191
Small General Service	177,161,156	\$	7,795.80	\$ 120,481.01	\$	87,882.57	\$	216,159.38	0.00122
Medium General Svc	994,517,336		43,758.90	676,273.18		493,281.50		1,213,313.58	0.00122
Large General Service	764,655,632		33,634.35	519,961.28		379,273.74		932,869.37	0.00122
Less: Opt-Outs	(969,381,626)		(42,652.93)	(659,180.90)		(480,814.19)		(1,182,648.02)	 0.00122
Net General Service	966,952,498	\$	42,536.12	\$ 657,534.57	\$	479,623.62	\$	1,179,694.31	\$ 0.00122
Lighting	36,808,743	\$	-	\$ 24,293.77	\$	-	\$	24,293.77	\$ 0.00066
Less: Opt Outs	(1,036,957)		-	(684.39)				(684.39)	0.00066
Net Lighting	35,771,786			24,978				23,609	\$ 0.00066
Total	2,517,438,011	\$	492,398.69	\$ 1,706,446.44	\$	1,898,883.61	\$	4,096,359.96	NA

DSM/EE Rate Billings (net of GRT & NCUC fee)

State: North Carolina			Month of August 2011
	•		
Data Class	V\A/LI	DCM	. DCDB

·			•				Total		Average
Rate Class	KWH		DSM		DSDR	EE	Recovery	DS	M/EE Rate
Residential	1,633,595,686	\$	463,941.37	\$	1,261,137.75	\$ 1,411,429.84	\$ 3,136,508.96	\$	0.00192
Res RECD (reflected above)	-	_	-	_	-	-	-		
Net Residential	1,633,595,686	\$	463,941.37	\$	1,261,137.75	\$ 1,411,429.84	\$ 3,136,508.96	\$	0.00192
Small General Service	192,154,973	\$	14,412.64	\$	147,011.31	\$ 92,243.77	\$ 253,667.72	\$	0.00132
Medium General Svc	1,098,498,835		82,425.82		840,674.59	527,463.48	1,450,563.89		0.00132
Large General Service	861,276,995		64,595.78		658,876.89	413,412.96	1,136,885.63		0.00132
Less: Opt-Outs	(1,089,133,113)		(81,690.79)		(833,273.89)	(522,852.53)	(1,437,817.21)		0.00132
Net General Service	1,062,797,690	\$	79,743.45	\$	813,288.90	\$ 510,267.68	\$ 1,403,300.03	\$	0.00132
Lighting	37,075,094	\$	-	\$	28,547.83	\$ -	\$ 28,547.83	\$	0.00077
Less: Opt Outs	(1,099,561)		-		(846.66)		(846.66)		0.00077
Net Lighting	35,975,533	\$		\$	27,701.17	\$ _	\$ 27,701.17	\$	0.00077
Total	2,732,368,909	\$	543,684.82	\$	2,102,127.82	\$ 1,921,697.52	\$ 4,567,510.16		NA

Source: RMCRY6

DSM/EE EMF Billings (net of GRT & NCUC fee)

State: North Carolina			۸	10ni	th of August 201	.1			
		٠						Total ·	Average
Rate Class	KWH		DSM		DSDR		· EE	Recovery	EMF Rate
Residential	1,633,595,686	\$	21,236.73	\$	(156,825.66)	\$	119,252.75	\$ (16,336.18)	\$ (0.00001)
Res RECD (reflected above)	- .								•
Net Residential	1,633,595,686	\$	21,236.73	\$	(156,825.66)	\$	119,252.75	\$ (16,336.18)	\$ (0.00001)
Small General Service	192,154,973	\$	(5,957.25)	\$	(16,335.43)	\$	3,076.55	\$ (19,216.13)	\$ (0.00010)
Medium General Svc	1,098,498,835		(34,068.48)		(93,428.60)		17,590.36	(109,906.72)	(0.00010)
Large General Service	861,276,995		(26,699.59)		(73,208.54)		13,780.43	(86,127.70)	(0.00010)
Less: Opt-Outs	(1,089,133,113)		33,764.64		92,591.46		(17,442.78)	108,913.32	(0.00010)
Net General Service	1,062,797,690	\$	(32,960.68)	\$	(90,381.11)	\$	17,004.56	\$ (106,337.23)	\$ (0.00010)
Lighting	37,075,094	\$	-	\$	(4,078.26)	\$		\$ (4,078.26)	\$ (0.00011)
Less: Opt Outs	(1,099,561)		-		120.95			120.95	 (0.00011)
Net Lighting	35,975,533		-		(3,957.31)		-	(3,957.31)	\$ (0.00011)
Total	2,732,368,909	\$	(11,723.95)	\$	(251,164.08)	\$	136,257.31	\$ (126,630.72)	NA

Σ DSM/EE Rate and EMF	Total DS	SM,	/EE Rider	Bi	llings (net	of	GRT & NO	CU	C fee)	
State: North Carolina			۸	1on	th of August 201	1	•			·
							•		Total	Average
Rate Class	кWН		DSM		DSDR		EE		Recovery	 Total Rate
Residential	1,633,595,686	\$	485,178.10	\$	1,104,312.09	\$	1,530,682.59	\$	3,120,172.78	\$ 0.00191
Res RECD (reflected above)	<u>-</u>		-	٠			<u> </u>		-	
Net Residential	1,633,595,686	\$	485,178.10	\$	1,104,312.09	\$	1,530,682.59	\$	3,120,172.78	\$ 0.00191
Small General Service	192,154,973	\$	8,455.39	\$	130,675.88	\$	95,320.32	\$	234,451.59	0.00122
Medium General Svc	1,098,498,835		48,357.34		747,245.99		545,053.84		1,340,657.17	0.00122
Large General Service	861,276,995		37,896.19		585,668.35		427,193.39		1,050,757.93	0.00122
Less: Opt-Outs	(1,089,133,113)		(47,926.15)		(740,682.43)		(540,295.31)		(1,328,903.89)	0.00122
Net General Service	1,062,797,690		46,782.77		722,907.79	\$	527,272.24	\$	1,296,962.80	\$ 0.00122
Lighting	37,075,094	\$	·	\$	24,469.57	\$	-	\$	24,469.57	\$ 0.00066
Less: Opt Outs	(1,099,561)		-		(725.71)				(725.71)	0.00066
Net Lighting	35,975,533		_		25,195		-		23,744	\$ 0.00066
Total	2,732,368,909	\$	531,960.87	\$	1,852,415.16	\$	2,057,954.83	\$	4,440,879.44	NA

DSM/EE Rate Billings (net of GRT & NCUC fee)

State: North Carolina

Month of September 2011

						Total		Average
Rate Class	KWH	DSM	DSDR		EE	Recovery	DS	M/EE Rate_
Residential	1,319,364,089	\$ 374,695.27	\$ 1,018,535.94	\$	1,139,905.09	\$ 2,533,136.30	\$	0.00192
Res RECD (reflected above)	<u>-</u>		· -		-	-		<u>-</u>
Net Residential	1,319,364,089	\$ 374,695.27	\$ 1,018,535.94	\$	1,139,905.09	\$ 2,533,136.30	\$	0.00192
Small General Service	172,834,878	\$ 12,961.19	\$ 132,202.25	\$	82,949.19	\$ 228,112.63	\$	0.00132
Medium General Svc	1,021,800,754	76,639.85	781,732.50		490,503.10	1,348,875.45		0.00132
Large General Service	795,226,579	59,641.99	608,348.33		381,708.76	1,049,699.08		0.00132
Less: Opt-Outs	(1,016,278,509)	(76,223.01)	 (777,479.45)		(487,829.85)	(1,341,532.31)		0.00132
Net General Service	973,583,702	\$ 73,020.02	\$ 744,803.63	\$	467,331.20	\$ 1,285,154.85	\$	0.00132
Lighting	36,899,803	\$ -	\$ 28,414.02	\$	-	\$ 28,414.02	\$	0.00077
Less: Opt Outs	(1,036,699)		(795.26)	_	-	(795.2 <u>6)</u>		0.00077
Net Lighting	35,863,104	\$ <u>-</u>	\$ 27,618.76	\$		\$ 27,618.76	\$	0.00077
Total	2,328,810,895	\$ 447,715.29	\$ 1,790,958.33	\$	1,607,236.29	\$ 3,845,909.91		NA

Source: RMCRY6

DSM/EE EMF Billings (net of GRT & NCUC fee)

State: North Carolina

Month of September 2011

						Total	Average
Rate Class	KWH	DSM	DSDR		EE	Recovery	EMF Rate
Residential	1,319,364,089	\$ 17,145.54	\$ (126,659.94)	\$	96,310.19	\$ (13,204.21)	\$ (0.00001)
Res RECD (reflected above)	-				-	 -	
Net Residential	1,319,364,089	\$ 17,145.54	\$ (126,659.94)	\$	96,310.19	\$ (13,204.21)	\$ (0.00001)
Small General Service	172,834,878	\$ (5,357.24)	\$ (14,688.06)	\$	2,763.05	\$ (17,282.25)	\$ (0.00010)
Medium General Svc	1,021,800,754	(31,678.35)	(86,862.87)		16,356.85	(102,184.37)	(0.00010)
Large General Service	795,226,579	(24,652.02)	(67,594.26)		12,723.63	(79,522.65)	(0.00010)
Less: Opt-Outs	(1,016,278,509)	31,505.80	86,387.86		(16,263.68)	101,629.98	 (0.00010)
Net General Service	973,583,702	\$ (30,181.81)	\$ (82,757.33)	\$	15,579.85	\$ (97,359.29)	\$ (0.00010)
Lighting	36,899,803	\$ -	\$ (4,059.73)	\$	-	\$ (4,059.73)	\$ (0.00011)
Less: Opt Outs	(1,036,699)	, · -	114.04	_		114.04	 (0.00011)
Net Lighting	35,863,104	-	(3,945.69)		-	(3,945.69)	\$ (0.00011)
Total	2,328,810,895	\$ (13,036.27)	\$ (213,362.96)	\$	111,890.04	\$ (114,509.19)	NA

Σ DSM/EE Rate and EMF State: North Carolina	Total DS	SM,		llings (net		CU	C fee)	
				•			Total	Average
Rate Class	кWН		DSM	DSDR	 · EE		Recovery	Total Rate
Residential	1,319,364,089	\$	391,840.81	\$ 891,876.00	\$ 1,236,215.28	\$	2,519,932.09	\$ 0.00191
Res RECD (reflected above)	-				<u>-</u>			
Net Residential	1,319,364,089	\$	391,840.81	\$ 891,876.00	\$ 1,236,215.28	\$	2,519,932.09	\$ 0.00191
Small General Service	172,834,878	\$	7,603.95	\$ 117,514.19	\$ 85,712.24	\$	210,830.38	0.00122
Medium General Svc	1,021,800,754		44,961.50	694,869.63	506,859.95		1,246,691.08	0.00122
Large General Service	795,226,579		34,989.97	540,754.07	394,432.39		970,176.43	0.00122
Less: Opt-Outs	(1,016,278,509)		(44,717.21)	(691,091.59)	 (504,093.53)		(1,239,902.33)	0.00122
Net General Service	973,583,702	\$	42,838.21	\$ 662,046.30	\$ 482,911.05	\$	1,187,795.56	\$ 0.00122
Lighting	36,899,803	\$	-	\$ 24,354.29	\$ -	\$	- 24,354.29	\$ 0.00066
Less: Opt Outs	(1,036,699)			(681.22)	 		(681.22)	 0.00066
Net Lighting	35,863,104		-	 25,036			23,673	\$ 0.00066
Total	2,328,810,895	\$	434,679.02	\$ 1,578,957.81	\$ 1,719,126.33	\$	3,731,400.72	NA

Source: RMCRY4 State: North Carolina

Source: RMCRY6

Rate Class

Total

Total

DSM/EE Rate Billings (net of GRT & NCUC fee)

Month of October 2	2011
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					•		Total		Average
Rate Class	KWH		DSM		DSDR	EE	Recovery	DS	M/EE Rate
Residential	986,905,288	\$	280,279.11	\$	761,883.97	\$ 852,672.98	\$ 1,894,836.06	\$	0.00192
Res RECD (reflected above)	-				-	-			-
Net Residential	986,905,288	\$	280,279.11	\$	761,883.97	\$ 852,672.98	\$ 1,894,836.06	\$	0.00192
Small General Service	145,031,618	\$	10,877.46	\$	110,951.79	\$ 69,617.57	\$ 191,446.82	\$	0.00132
Medium General Svc	930,145,662		69,761.81		711,570.65	446,476.14	1,227,808.60		0.00132
Large General Service	759,047,231	•	56,928.54		580,671.13	364,342.67	1,001,942.34		0.00132
Less: Opt-Outs	(958,084,120)		(71,856.31)		(732,934.35)	(459,880.38)	(1,264,671.04)		0.00132
Net General Service	876,140,391	\$	65,711.50	\$	670,259.22	\$ 420,556.00	\$ 1,156,526.72	\$	0.00132
Lighting	37,013,959	\$	-	\$	28,501.17	\$ -	\$ 28,501.17	\$	0.00077
Less: Opt Outs	(1,045,476)		- ,		(805.02)		(805.02)		0.00077
Net Lighting	35,968,483	\$	-	\$	27,696.15	\$ 	\$ 27,696.15	\$	0.00077
Total	1,899,014,162	\$	345,990.61	,\$	1,459,839.34	\$ 1,273,228.98	\$ 3,079,058.93		NA

DSM/EE EMF Billings (net of GRT & NCUC fee)

State: North Carolina	Month o

KWH

1,899,014,162 \$

1,899,014,162 \$

10	nona	i oj Ottobel 2011			
				Total	Average
		DSDR	EE	Recovery	EMF Rate
26.99	\$	(94,743.09) \$	72,042.40	\$ (9,873.70)	\$ (0.0000
		_	_	_	_

NA

Residential	986,905,288	\$ 12,826.99	\$ (94,743.09)	\$ 72,042.40	\$ (9,873.70)	\$ (0.00001)
Res RECD (reflected above)	-	-	•	-	 <u> </u>	
Net Residential	986,905,288	\$ 12,826.99	\$ (94,743.09)	\$ 72,042.40	\$ (9,873.70)	\$ (0.00001)
Small General Service	145,031,618	\$ (4,495.93)	\$ (12,328.13)	\$ 2,321.20	\$ (14,502.86)	\$ (0.00010)
Medium General Svc	930,145,662	(28,835.12)	(79,064.06)	14,883.58	(93,015.60)	(0.00010)
Large General Service	759,047,231	(23,530.46)	(64,519.01)	12,144.76	(75,904.71)	(0.00010)
Less: Opt-Outs	(958,084,120)	29,700.61	81,438.11	(15,329.35)	95,809.37	(0.00010)
Net General Service	876,140,391	\$ (27,160.90)	\$ (74,473.09)	\$ 14,020.19	\$ (87,613.80)	\$ (0.00010)
Lighting	37,013,959	\$ -	\$ (4,071.80)	\$ -	\$ (4,071.80)	\$ (0.00011)
Less: Opt Outs	(1,045,476)	-	114.04	 -	 114.04	(0.00011)
Net Lighting	35,968,483	-	(3,957.76)		(3,957.76)	\$ (0.00011)
Total	1.899.014.162	\$ (14,333.91)	\$ (173,173.94)	\$ 86,062.59	\$ (101,445.26)	NA

(173,173.94) \$

331,656.70 \$ 1,288,047.36 \$ 1,359,291.57 \$

DSM

(14,333.91) \$

Σ DSM/EE Rate and EMF State: North Carolina	Total DS	M		llings <i>(net</i>	-	GRT & NO	วบ	C fee)	
Stote: North Caro, ma				•				Total	Average
Rate Class	KWH		DSM	DSDR		<u>ee</u>		Recovery	Total Rate
Residential	986,905,288	\$	293,106.10	\$ 667,140.88	\$	924,715.38	\$	1,884,962.36	\$ 0.00191
Res RECD (reflected above)	-		-			-			<u> </u>
Net Residential	986,905,288	\$	293,106.10	\$ 667,140.88	\$	924,715.38	\$	1,884,962.36	\$ 0.00191
Small General Service	145,031,618	\$	6,381.53	\$ 98,623.66	\$	71,938.77	\$	176,943.96	0.00122
Medium General Svc	930,145,662		40,926.69	632,506.59		461,359.72		1,134,793.00	0.00122
Large General Service	759,047,231		33,398.08	516,152.12		376,487.43		926,037.63	0.00122
Less: Opt-Outs	(958,084,120)		(42,155.70)	(651,496.24)		(475,209.73)		(1,168,861.67)	0.00122
Net General Service	876,140,391	\$	38,550.60	\$ 595,786.13	\$	434,576.19	\$	1,068,912.92	\$ 0.00122
Lighting	37,013,959	\$	-	\$ 24,429.37	\$	-	\$	24,429.37	\$ 0.00066
Less: Opt Outs	(1,045,476)	•		(690.98)		<u> </u>		(690.98)	0.00066
Net Lighting	35,968,483		-	 25,120				23,738	\$ 0.00066
	·			 1 222 2 2 2 2 2		4 350 304 57	_	2 022 642 62	A I A

Source: RMCRY4 State: North Carolina

Source: RMCRY6

DSM/EE Rate Billings (net of GRT & NCUC fee)

					Total		Average
Rate Class	KWH	DSM	DSDR	EE	Recovery	DS	M/EE Rate
Residential	988,649,090	\$ 280,776.32	\$ 763,236.26	\$ 854,191.50	\$ 1,898,204.08	\$	0.00192
Res RECD (reflected above)	÷				<u> </u>		
Net Residential	988,649,090	\$ 280,776.32	\$ 763,236.26	\$ 854,191.50	\$ 1,898,204.08	\$	0.00192
Small General Service	123,379,674	\$ 9,252.95	\$ 94,377.79	\$ 59,216.21	\$ 162,846.95	\$	0.00132
Medium General Svc	803,434,764	60,257.50	614,625.79	385,647.25	1,060,530.54		0.00132
Large General Service	706,472,757	52,985.95	540,453.25	339,106.74	932,545.94		0.00132
Less: Opt-Outs	(882,201,126)	(66,165.08)	(674,883.86)	(423,456.54)	 (1,164,505.48)		0.00132
Net General Service	751,086,069	\$ 56,331.32	\$ 574,572.97	\$ 360,513.66	\$ 991,417.95	\$	0.00132
Lighting	36,749,461	\$ •	\$ 28,297.09	\$ -	\$ 28,297.09	\$	0.00077
Less: Opt Outs	(1,038,439)	-	(799.60)	<u>-</u>	(799.60)		0.00077_
Net Lighting	35,711,022	\$ -	\$ 27,497.49	\$ -	\$ 27,497.49	\$	0.00077
Total	1,775,446,181	\$ 337,107.64	\$ 1,365,306.72	\$ 1,214,705.16	\$ 2,917,119.52		NA

DSM/EE EMF Billings (net of GRT & NCUC fee)

•	<u> </u>
	Month of November 2011

State: North Carolina			Mo	onth	of November 20)11			
								Total	Average
Rate Class	KWH		DSM		DSDR		EE	 Recovery	EMF Rate
Residential	988,649,090	\$	12,852.52	\$	(94,910.06)	\$	72,171.31	\$ (9,886.23)	\$ (0.00001)
Res RECD (reflected above)	-		<u>-</u>		<u> </u>			<u> </u>	
Net Residential	988,649,090	\$	12,852.52	\$	(94,910.06)	\$	72,171.31	\$ (9,886.23)	\$ (0.00001)
Small General Service	123,379,674	\$	(3,824.37)	\$	(10,485.87)	\$	1,972.44	\$ (12,337.80)	\$ (0.00010)
Medium General Svc	803,434,764	•	(24,906.72)		(68,291.72)		12,854.78	(80,343.66)	(0.00010)
Large General Service	706,472,757		(21,901.85)		(60,050.71)		11,303.51	(70,649.05)	(0.00010)
Less: Opt-Outs	(882,201,126)		27,348.23		74,987.09		(14,115.22)	88,220.10	 (0.00010)
Net General Service	751,086,069	\$	(23,284.71)	\$	(63,841.21)	\$	12,015.51	\$ (75,110.41)	\$ (0.00010)
Lighting	36,749,461	\$	-	\$	(4,042.44)	\$	-	\$ (4,042.44)	\$ (0.00011)
Less: Opt Outs	(1,038,439)		_		114.23		-	114.23	(0.00011)
Net Lighting	35,711,022		-		(3,928.21)			(3,928.21)	\$ (0.00011)
Total	1,775,446,181	\$	(10,432.19)	\$	(162,679.48)	\$	84,186.82	\$ (88,924.85)	NA

Σ DSM/EE Rate and EMF	Total DSN	M/E					GRT & NO	:U	C fee)	
State: North Carolina			Mo	ontn	of November 20)11			Total	Average
Rate Class	кwн		DSM		DSDR		EE		Recovery	 Total Rate
Residential	988,649,090 \$	5	293,628.84	\$	668,326.20	\$	926,362.81	\$	1,888,317.85	\$ 0.00191
Res RECD (reflected above)	•		-							
Net Residential	988,649,090 \$;	293,628.84	\$	668,326.20	\$	926,362.81	\$	1,888,317.85	\$ 0.00191
Small General Service	123,379,674 \$	5	5,428.58	\$	83,891.92	\$	61,188.65	\$	150,509.15	0.00122
Medium General Svc	803,434,764		35,350.78		546,334.07		398,502.03		980,186.88	0.00122
Large General Service	706,472,757		31,084.10		480,402.54		350,410.25		861,896.89	0.00122
Less: Opt-Outs	(882,201,126)		(38,816.85)		(599,896.77)		(437,571.7 <u>6</u>)		(1,076,285.38)	0.00122
Net General Service	751,086,069 \$	\$	33,046.61	\$	510,731.76	\$	372,529.17	\$	916,307.54	\$ 0.00122
Lighting	36,749,461 \$	\$	_	\$	24,254.65	\$	-	\$	24,254.65	\$ 0.00066
Less: Opt Outs	(1,038,439)	•	•		(685.37)		_		(685.37)	0.00066
Net Lighting	35,711,022		-		24,940				23,569	\$ 0.00066
Total		\$	326,675.45	\$	1,203,997.98	\$	1,298,891.98	\$	2,828,194.67	NA

DSM/EE Rate Billings (net of GRT & NCUC fee)

State: North Caroli	ina
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Month of December 2011

			,		Total .	Average
Rate Class	· KW H	DSM	DSDR	EE .	Recovery	M/EE Rate
Residential	1,205,900,828	\$ 427,020.98	\$ 1,029,976.83	\$ 1,425,825.41	\$ 2,882,823.22	\$ 0.00239
Res RECD (reflected above)	-	-	-	 -	-	
Net Residential	1,205,900,828	\$ 427,020.98	\$ 1,029,976.83	\$ 1,425,825.41	\$ 2,882,823.22	\$ 0.00239
Small General Service	133,347,499	\$ 11,174.28	\$ 112,755.04	\$ 84,815.82	\$ 208,745.14	\$ 0.00157
Medium General Svc	848,016,545	70,846.52	715,085.80	535,554.48	1,321,486.80	0.00156
Large General Service	669,104,575	53,968.84	546,536.76	388,321.82	988,827.42	0.00148
Less: Opt-Outs	(855,953,835)	(69,555.04)	(703,877.32)	(505,900.83)	(1,279,333.19)	 0.00149
Net General Service	794,514,784	\$ 66,434.60	\$ 670,500.28	\$ 502,791.29	\$ 1,239,726.17	\$ 0.00156
Lighting	36,860,964	\$ -	\$ 31,179.63	\$ -	\$ 31,179.63	\$ 0.00085
Less: Opt Outs	(1,034,858)	-	(875.67)	-	(875.67)	0.00085
Net Lighting	35,826,106	\$ -	\$ 30,303.96	\$ -	\$ 30,303.96	\$ 0.00085
Total	2,036,241,718	\$ 493,455.58	\$ 1,730,781.07	\$ 1,928,616.70	\$ 4,152,853.35	NA

Source: RMCRY6

DSM/EE EMF Billings (net of GRT & NCUC fee)

State: North Carolina

Month of December 2011

Rate Class	KWH		DSM		DSDR		EE		Total Recovery		Average EMF Rate
	1,205,900,828	\$	13,359.84	Ś	(129,664.52)	<	144,780.20	\$	28,475.52	\$	0.00002
Residential	1,203,300,626	Ļ	13,335.04	Ţ	(125,004.52)	Y	-	7	-	~	-
Res RECD (reflected above)					·			_	40 475 50		0.0000
Net Residential	1,205,900,828	\$	13,359.84	\$	(129,664.52)	\$	144,780.20	\$	28,475.52	\$	0.00002
Small General Service	133,347,499	\$	(3,763.29)	\$	(9,296.89)	\$	6,517.66	\$	(6,542.52)	\$	(0.00005)
Medium General Svc	848,016,545		(24,000.74)		(59,498.78)		40,642.44		(42,857.08)		(0.00005)
Large General Service	669,104,575		(19,546.66)		(50,298.21)		24,853.35		(44,991.52)		(0.00007)
Less: Opt-Outs	(855,953,835)		24,842.41		63,449.20		(33,719.16)		54,572.45		(0.00006)
Net General Service	794,514,784	\$	(22,468.28)	\$	(55,644.68)	\$	38,294.29	\$	(39,818.67)	\$	(0.00005)
Lighting	36,860,964	\$	-	\$	(3,725.70)	\$	-	\$	(3,725.70)	\$	(0.00010)
Less: Opt Outs	(1,034,858)		-		104.56				104.56		(0.00010)
Net Lighting	35,826,106		-		(3,621.14)		-		(3,621.14)	\$	(0.00010)
Total	2,036,241,718	\$	(9,108.44)	\$	(188,930.34)	\$	183,074.49	\$	(14,964.29)		NA

Σ	D\$M,	/EE	Rate	and	EMF
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Total DSM/EE Rider Billings (net of GRT & NCUC fee)

				• •	•			
State: North Carolina		Me	onth	of December 20	711			
							Total	Average
Rate Class	KWH	DSM		DSDR		EE	Recovery	 Total Rate
Residential	1,205,900,828	\$ 440,380.82	\$	900,312.31	\$	1,570,605.61	\$ 2,911,298.74	\$ 0.00241
Res RECD (reflected above)	-			<u>-</u>			<u> </u>	
Net Residential	1,205,900,828	\$ 440,380.82	\$	900,312.31	\$	1,570,605.61 .	\$ 2,911,298.74	\$ 0.00241
Small General Service	133,347,499	\$ 7,410.99	\$	103,458.15	\$	91,333.48	\$ 202,202.62	0.00152
Medium General Svc	848.016.545	46,845.78		655,587.02		576,196.92	1,278,629.72	0.00151
Large General Service	669,104,575	34,422.18		496,238.55		413,175.17	943,835.90	0.00141
Less: Opt-Outs	(855,953,835)	(44,712.63)		(640,428.12)		(539,619.99)	(1,224,760.74)	0.00143
Net General Service	794,514,784	\$ 43,966.32	\$	614,855.60	\$	541,085.58	\$ 1,199,907.50	\$ 0.00151
Lighting	36,860,964	\$ -	\$	27,453.93	\$	•	\$ 27,453.93	\$ 0.00074
Less: Opt Outs	(1,034,858)	-		(771.11)		·	(771.11)	 0.00075
Net Lighting	35,826,106			28,225		· ·	26,683	\$ 0.00074
Total	2,036,241,718	\$ 484,347.14	\$	1,543,392.95	\$	2,111,691.19	\$ 4,137,889.06	NA

DSM/EE Rate Billings (net of GRT & NCUC fee)

Ctatar	North C	arolina	

Month of January 2012

					Total		Average
Rate Class	KWH	. DSM	DSDR	EE	Recovery	DS	M/EE Rate
Residential	1,445,169,938	\$ 621,383.14	\$ 1,362,743.74	\$ 2,206,590.11	\$ 4,190,716.99	\$	0.00290
Res RECD (reflected above)	-	 <u>-</u>	- <u> </u>		-		
Net Residential	1,445,169,938	\$ 621,383.14	\$ 1,362,743.74	\$ 2,206,590.11	\$ 4,190,716.99	\$	0.00290
Small General Service	145,813,040	\$ 13,714.01	\$ 136,984.62	\$ 119,267.41	\$ 269,966.04	\$	0.00185
Medium General Svc	844,147,318	79,349.56	792,654.52	689,656.43	1,561,660.51		0.00185
Large General Service	688,003,166	59,962.82	602,906.07	478,567.33	1,141,436.22		0.00166
Less: Opt-Outs	(885,854,958)	(78,578.13)	(788,850.93)	(640,513.52)	(1,507,942.58)		0.00170
Net General Service	792,108,566	\$ 74,448.26	\$ 743,694.28	\$ 646,977.65	\$ 1,465,120.19	\$	0.00185
Lighting	37,075,245	\$ -	\$ 34,842.47	\$ -	\$ 34,842.47	\$	0.00094
Less: Opt Outs	(1,069,198)	-	(1,004.76)		 (1,004.76)		0.00094
Net Lighting	36,006,047	\$ -	\$ 33,837.71	\$ -	\$ 33,837.71	\$	0.00094
Total	2,273,284,551	\$ 695,831.40	\$ 2,140,275.73	\$ 2,853,567.76	\$ 5,689,674.89		NA

Source: RMCRY6

DSM/EE EMF Billings (net of GRT & NCUC fee)

State: North Carolina				1ont	h of January 2012			
							Total	Average
Rate Class	кWН		DSM		DSDR	EE	 Recovery	EMF Rate
Residential	1,445,169,938	\$	13,003.10	\$	(173,415.31) \$	247,096.91	\$ 86,684.70	\$ 0.00006
Res RECD (reflected above)	-		-	_	. <u>-</u>		-	
Net Residential	1,445,169,938	\$	13,003.10	\$	(173,415.31) \$	247,096.91	\$ 86,684.70	\$ 0.00006
Small General Service	145,813,040	\$	(3,642.40)	\$	(7,566.52) \$	12,714.51	\$ 1,505.59	\$ 0.00001
Medium General Svc	844,147,318	•	(21.106.95)		(43,900.19)	73,440.21	8,433.07	0.00001
Large General Service	688,003,166	-	(18,687.28)		(43,955.78)	42,257.70	(20,385.36)	(0.00003)
Less: Opt-Outs	(885,854,958)		23,628.83		54,217.39	(59,534.73)	18,311.49	(0.00002)
Net General Service	792,108,566		(19,807.80)	\$	(41,205.10) \$	68,877.69	\$ 7,864.79	\$ 0.00001
Lighting	37,075,245	Ś	-	\$	(3,337.75) \$	-	\$ (3,337.75)	\$ (0.00009)
Less: Opt Outs	(1,069,198)		-		96.26	-	96.26	(0.00009)
Net Lighting	36,006,047				(3,241.49)		(3,241.49)	\$ (0.00009)
Total	2,273,284,551	\$	(6,804.70)	\$	(217,861.90) \$	315,974.60	\$ 91,308.00	NA

Σ DSM/EE Rate and EMF	Total DSM	1/EE Rider	Bi	llings <i>(net</i>	oj	GRI & NO	.U	C fee)	
State: North Carolina		N	1ont	th of January 20:	12				
							٠	Total	Average
Rate Class	KWH	DSM		DSDR		EE		Recovery	 Total Rate
Residential	1,445,169,938 \$	634,386.24	\$	1,189,328.43	\$	2,453,687.02	\$	4,277,401.69	\$ 0.00296
Res RECD (reflected above)		-		-					
Net Residential	1,445,169,938 \$	634,386.24	\$	1,189,328.43	\$	2,453,687.02	\$	4,277,401.69	\$ 0.00296
Small General Service	145,813,040 \$	10,071.61	\$	129,418.10	\$	131,981.92	\$	271,471.63	0.00186
Medium General Svc	844,147,318	58,242.61		748,754.33		763,096.64		1,570,093.58	0.00186
Large General Service	688.003,166	41,275.54		558,950.29		520,825.03		1,121,050.86	0.00163
Less: Opt-Outs	(885,854,958)	(54,949.30)		(734,633.54)		(700,048.25)		(1,489,631.09)	0.00168
Net General Service	792,108,566 \$	54,640.46	\$	702,489.18	\$	715,855.34	\$	1,472,984.98	\$ 0.00186
Lighting	37,075,245 \$	-	\$	31,504.72	\$	-	\$	31,504.72	\$ 0.00085
Less: Opt Outs	(1,069,198)	, -		(908.50)				(908.50)	0.00085
Net Lighting	36,006,047	-		32,413				30,596	\$ 0.00085
Total	2,273,284,551 \$	689,026.70	\$	1,924,230.83	\$	3,169,542.36	\$	5,780,982.89	NA

DSM/EE Rate Billings (net of GRT & NCUC fee)

State: North Carolina	Month of February 2012

					Total		Average
Rate Class	KWH	DSM	DSDR	 EE	Recovery	DS	M/EE Rate
Residential	1,292,673,038	\$ 555,845.20	\$ 1,218,985.03	\$ 1,973,892.14	\$ 3,748,722.37	\$	0.00290
Res RECD (reflected above)	-	, <u>-</u>	-	-	-		-
Net Residential	1,292,673,038	\$ 555,845.20	\$ 1,218,985.03	\$ 1,973,892.14	\$ 3,748,722.37	\$	0.00290
Small General Service	137,516,220	\$ 12,924.10	\$ 129,106.03	\$ 112,307.23	\$ 254,337.36	\$	0.00185
Medium General Svc	808,242,431	75,979.59	758,997.04	660,404.68	1,495,381.31		0.00185
Large General Service	693,001,117	65,142.10	650,728.05	566,181.91	1,282,052.06		0.00185
Less: Opt-Outs	(873,933,171)	(82,149.72)	(820,623.25)	(714,003.40)	(1,61 <u>6,776.37)</u>		0.00185
Net General Service	764,826,597	\$ 71,896.07	\$ 718,207.87	\$ 624,890.42	\$ 1,414,994.36	\$	0.00185
Lighting	36,844,815	\$ -	\$ 34,631.93	\$ •	\$ 34,631.93	\$	0.00094
Less: Opt Outs	(1,082,079)		(1,017.15)	-	(1,017.15)		0.00094
Net Lighting	35,762,736	\$ -	\$ 33,614.78	\$ -	\$ 33,614.78	\$	0.00094
Total	2,093,262,371	\$ 627,741.27	\$ 1,970,807.68	\$ 2,598,782.56	\$ 5,197,331.51		ŇA

Source: RMCRY6

DSM/EE EMF Billings (net of GRT & NCUC fee)

State: North Carolina			M	lonti	h of February 20	12			
								Total	Average
Rate Class	KWH		DSM		DSDR		EE	Recovery	EMF Rate
Residential	1,292,673,038	\$	11,633.42	\$	(155,120.36)	\$	221,044.22	\$ 77,557.28	\$ 0.00006
Res RECD (reflected above)	-		-				-		<u> </u>
Net Residential	1,292,673,038	\$	11,633.42	\$	(155,120.36)	\$	221,044.22	\$ 77,557.28	\$ 0.00006
Small General Service	137,516,220	\$	(3,438.72)	\$	(7,155.43)	\$	11,954.78	\$ 1,360.63	\$ 0.00001
Medium General Svc	808,242,431	_	(20,206.64)		(42,030.73)		70,333.30	. 8,095.93	0.00001
Large General Service	693,001,117		(17,325.03)		(36,036.06)		60,291.10	6,930.01	0.00001
Less: Opt-Outs	(873,933,171)	٠.	21,848.33		45,444.52		(76 <u>,</u> 032.19)	(8,739.34)	0.00001
Net General Service	764,826,597	\$	(19,122.06)	\$	(39,777.70)	\$	66,546.99	\$ 7,647.23	\$ 0.00001
Lighting	36,844,815	\$	-	\$	(3,316.30)	\$	-	\$ (3,316.30)	\$ (0.00009)
Less: Opt Outs	(1,082,079)		-		97.39			97.39	 (0.00009)
Net Lighting	35,762,736				(3,218.91)		-	(3,218.91)	\$ (0.00009)
Total	2,093,262,371	\$	(7,488.64)	\$	(198,116.97)	\$	287,591.21	\$ 81,985.60	NA

Σ DSM/EE Rate and EMF	Total DSM	/EE Rider B	illings <i>(net</i>	of	GRT & NO	ĴŰ	C fee)	
State: North Carolina		Mor	th of February 20	12				
	•						Total	Average
Rate Class	KWH	DSM	DSDR		EE	•	Recovery	 Total Rate
Residential	1,292,673,038 \$	567,478.62 \$	1,063,864.67	\$	2,194,936.36	\$	3,826,279.65	\$ 0.00296
Res RECD (reflected above)	-	·						
Net Residential	1,292,673,038 \$	567,478.62 \$	1,063,864.67	\$	2,194,936.36	\$	3,826,279.65	\$ 0.00296
Small General Service	137,516,220 \$	9,485.38 \$	121,950.60	\$	124,262.01	\$	255,697.99	0.00186
Medium General Svc	808,242,431	55,772.95	716,966.31		730,737.98		1,503,477.24	0.00186
Large General Service	693,001,117	47,817.07	614,691.99		626,473.01		1,288,982.07	0.00186
Less: Opt-Outs	(873,933,171)	(60,301.39)	(775,178.73)		(790,035.59)		(1,625,515.71)	0.00186
Net General Service	764,826,597 \$	52,774.01 \$	678,430.17	\$	691,437.41	\$	1,422,641.59	\$ 0.00186
Lighting	36,844,815 \$	- \$	31,315.63	\$	-	\$	31,315.63	\$ 0.00085
Less: Opt Outs	(1,082,079)	-	(919.76)				(919.76)	0.00085
Net Lighting	35,762,736	-	32,235		-		30,396	\$ 0.00085
Total	2,093,262,371 \$	620,252.63	1,774,530.23	\$	2,886,373.77	\$	5,279,317.11	NA

DSM/EE Rate Billings (net of GRT & NCUC fee)

State: North Carolina

Month of March 2012

						Total		Average
Rate Class	KWH	DSM		DSDR	EΕ	 Recovery	D\$	M/EE Rate
Residential	1,117,075,825	\$ 480,336.57	\$	1,053,395.25	\$ 1,705,747.24	\$ 3,239,479.06	\$	0.00290
Res RECD (reflected above)	<u>-</u>	 -	_			-		-
Net Residential	1,117,075,825	\$ 480,336.57	\$	1,053,395.25	\$ 1,705,747.24	\$ 3,239,479.06	\$	0.00290
Small General Service	129,905,875	\$ 12,208.04	\$	121,953.41	\$ 106,077.57	\$ 240,239.02	\$	0.00185
Medium General Svc	815,103,626	76,617.78		765,364.45	665,905.11	1,507,887.34		0.00185
Large General Service	672,839,261	63,246.89		631,796.07	549,709.68	1,244,752.64		0.00185
Less: Opt-Outs	(866,597,763)	(81,459.62)		(813,730.11)	(708,000.34)	(1,603,190.07)		0.00185
Net General Service	751,250,999	\$ 70,613.09	\$	705,383.82	\$ 613,692.02	\$ 1,389,688.93	\$	0.00185
Lighting	36,914,508	\$ 	\$	34,695.01	\$ -	\$ 34,695.01	\$	0.00094
Less: Opt Outs	(1,134,858)			(1,066.77)		(1,066.77)		0.00094
Net Lighting	35,779,650	\$ 	\$	33,628.24	\$ -	\$ 33,628.24	\$	0.00094
Total	1,904,106,474	\$ 550,949.66	\$	1,792,407.31	\$ 2,319,439.26	\$ 4,662,796.23		NA

Source: RMCRY6

Total

DSM/EE EMF Billings (net of GRT & NCUC fee)

Month of March 2012 State: North Carolina Total Average **EMF** Rate **DSDR** EE Recovery DSM **KWH Rate Class** (134,048.17) \$ 191,015.90 67,021.40 0.00006 1,117,075,825 10,053.67 Residential Res RECD (reflected above) 0.00006 67,021.40 10,053.67 (134,048.17) \$ 191,015.90 \$ 1,117,075,825 \$ **Net Residential** 1,280.73 \$ 0.00001 (6,760.74) \$ 11,290.13 \$ 129,905,875 \$ (3,248.66) \$ Small General Service 0.00001 70,906.73 8,139.75 (20,378.21)(42,388.77)Medium General Svc 815,103,626 0.00001 6,728.40 672,839,261 (16,820.98) (34,987.64) 58,537.02 Large General Service 0.00001 45,064.06 (75,391.89)(8,662.71)21,665.12 Less: Opt-Outs (866,597,763) 0.00001 (18,782.73) \$ (39,073.09) \$ 65,341.99 \$ 7,486.17 \$ 751,250,999 **Net General Service** \$ (3,323.03) \$ (0.00009)\$ (3,323.03) \$ Lighting 36,914,508 \$ (0.00009)102.14 (1,134,858) 102.14 Less: Opt Outs (0.00009)(3,220.89) \$ (3,220.89)**Net Lighting** 35,779,650 NΑ

(176,342.15) \$

256,357.89 \$

71,286.68

(8,729.06) \$

1,904,106,474

Σ DSM/EE Rate and EMF State: North Carolina	Total DSM/EE Rider Billings (net of GRT & NCUC fee) Month of March 2012											
, State. North Carolina			•		0,	_			Total		Average	
Rate Class	KWH		DSM.		DSDR		EE		Recovery		Total Rate	
Residentia	1,117,075,825	\$	490,390.24	\$	919,347.08	\$	1,896,763.14	\$	3,306,500.46	\$	0.00296	
Res RECD (reflected above)			-				<u>-</u>					
Net Residential	1,117,075,825	\$	490,390.24	\$	919,347.08	\$	1,896,763.14	\$	3,306,500.46	\$	0.00296	
Small General Service	129,905,875	\$	8,959.38	\$	115,192.67	\$	117,367.70	\$	241,519.75		0.00186	
Medium General Svc	815,103,626		56,239.57		722,975.68		736,811.84		1,516,027.09		0.00186	
Large General Service	672,839,261		46,425.91		596,808.43		608,246.70		1,251,481.04		0.00186	
Less: Opt-Outs	(866,597,763)		(59,794.50)		(768,666.05)		(783,392.23)		(1,611,852.78)		0.00186	
Net General Service	751,250,999	\$	51,830.36	\$	666,310.73	\$	679,034.01	\$	1,397,175.10	\$	0.00186	
Lighting	36,914,508	\$	-	\$	31,371.98	\$	-	\$	31,371.98	\$	0.00085	
Less: Opt Outs	(1,134,858)		-		(964.63)				(964.63)		0.00085	
Net Lighting	35,779,650		-		32,337		-		30,407	\$_	0.00085	
Total	1,904,106,474	\$	542,220.60	\$	1,617,994.42	\$	2,575,797.15	\$	4,734,082.91		NA	

Source: RMCRY6

DSM/EE Rate Billings (net of GRT & NCUC fee)

State: North Carolina	Month of April 20:

					Total	,	Average
Rate Class	. KWH	DSM	DSDR	EE	Recovery	DSI	M/EE Rate
Residential	932,793,786	\$ 401,101.69	\$ 879,624.96	\$ 1,424,377.73	\$ 2,705,104.38	\$	0.00290
Res RECD (reflected above)	-	 -	-	-	<u> </u>		
Net Residential	932,793,786	\$ 401,101.69	\$ 879,624.96	\$ 1,424,377.73	\$ 2,705,104.38	\$	0.00290
Small General Service	127,402,074	\$ 11,976.02	\$ 119,634.02	\$ 104,089.91	\$ 235,699.95	\$	0.00185
Medium General Svc	853,777,509	80,255.82	801,703.90	697,549.45	1,579,509.17		0.00185
Large General Service	742,279,631	69,770.03	696,961.61	606,366.99	1,373,098.63		0.00185
Less: Opt-Outs	(940,224,731)	(88,376.87)	(882,832.05)	(768,088.13)	(1,739,297.05)		0.00185
Net General Service	783,234,483	\$ 73,625.00	\$ 735,467.48	\$ 639,918.22	\$ 1,449,010.70	\$	0.00185
Lighting	36,573,809	\$ -	\$ 34,379.27	\$ -	\$ 34,379.27	\$	0.00094
Less: Opt Outs	(1,104,251)	-	(1,038.00)		 (1,038.00)		0.00094
Net Lighting	35,469,558	\$ -	\$ 33,341.27	\$ 	\$ 33,341.27	\$	0.00094
Total	1,751,497,827	\$ 474,726.69	\$ 1,648,433.71	\$ 2,064,295.95	\$ 4,187,456.35		NA

DSM/EE EMF Billings (net of GRT & NCUC fee)

h Carolina		Month of April 2012
n Caronna	1	Worth of April 2012

State: North Carolina	1	Month of April 2012								
									Total	Average
Rate Class	кWН		DSM		DSDR		EE _		Recovery	EMF Rate
Residential	932,793,786	\$	8,395.13	\$	(111,935.31)	\$	159,507.98	\$	55,967.80	\$ 0.00006
Res RECD (reflected above)	-		_						<u> </u>	
Net Residential	932,793,786	\$	8,395.13	\$	(111,935.31)	\$	159,507.98	\$	55,967.80	\$ 0.00006
Small General Service	127,402,074	\$.	(3,185.14)	\$	(6,625.62)	\$	11,084.59	\$	1,273.83	\$ 0.00001
Medium General Svc	853,777,509	•	(21,344.20)		(44,395.14)		74,281.43		8,542.09	0.00001
Large General Service	742,279,631		(18,558.33)		(38,605.93)		64,562.43		7,398.17	0.00001
Less: Opt-Outs	(940,224,731)		23,506.96		48,899.08		(81,783.65)		(9, <u>377.61)</u>	0.00001
Net General Service	783,234,483	\$	(19,580.71)	\$	(40,727.61)	\$	68,144.80	\$	7,836.48	\$ 0.00001
Lighting	36,573,809	\$	-	\$	(3,291.79)	\$	-	\$	(3,291.79)	\$ (0.00009)
Less: Opt Outs	(1,104,251)		-		99.38				99.38	(0.00009)
Net Lighting	35,469,558				(3,192.41)		•		(3,192.41)	\$ (0.00009)
Total	1,751,497,827	\$	(11,185.58)	\$	(155,855.33)	\$	227,652.78	\$	60,611.87	NA

I DSM/EE Rate and EMF Total DSM/EE Rider Billings (net of GRT & NCUC fee)											
State: North Carolina	•			Moi	nth of April 2012	•			Total		Average
Rate Class	кWН		DSM		DSDR		EE		Recovery		otal Rate
Residential	932,793,786	\$	409,496.82	\$	767,689.65	\$	1,583,885.71	\$	2,761,072.18	\$	0.00296
Res RECD (reflected above)	<u>-</u>				<u> </u>						
Net Residential	932,793,786	\$	409,496.82	\$	767,689.65	\$	1,583,885.71	\$	2,761,072.18	\$	0.00296
Small General Service	127,402,074	\$	8,790.88	\$	113,008.40	\$	115,174.50	\$	236,973.78		0.00186
Medium General Svc	853,777,509	•	58,911.62		757,308.76		771,830.88		1,588,051.26		0.00186
Large General Service	742,279,631		51,211.70		658,355.68		670,929.42		1,380,496.80		0.00186
Less: Opt-Outs	(940,224,731)		(64,869.91)		(833,932.97)		(849,871.78)		(1,748,674.66)		0.00186
Net General Service		\$	54,044.29	\$	694,739.87	\$	708,063.02	\$	1,456,847.18	\$	0.00186
Lighting	36,573,809	\$	-	\$	31,087.48	\$	-	\$	31,087.48	\$	0.00085
Less: Opt Outs	(1,104,251)		-		(938.62)		<u> </u>		(938.62)		0.00085
Net Lighting	35,469,558		-		32,026		<u> </u>		30,149	\$	0.00085
Total	1,751,497,827	\$	463,541.11	\$	1,494,455.62	\$	2,291,948.73	\$	4,248,068.22		NA