

# **Quarterly Report to the Pennsylvania Public Utility Commission**

**For the Period  
June 1, 2015 through August 31, 2015  
Program Year 7, Quarter 1**

For Pennsylvania Act 129 of 2008  
Energy Efficiency and Conservation Plan

Prepared by Metropolitan Edison Company and ADM Associates, Inc.

For

Metropolitan Edison Company

Docket No. M-2012-2334387

October 15, 2015

## Table of Contents

<b>TABLE OF CONTENTS</b> .....	<b>I</b>
<b>ACRONYMS</b> .....	<b>II</b>
<b>1 OVERVIEW OF PORTFOLIO</b> .....	<b>4</b>
1.1 SUMMARY OF ACHIEVEMENTS .....	5
1.2 PROGRAM UPDATES AND FINDINGS.....	7
1.3 EVALUATION UPDATES AND FINDINGS.....	11
<b>2 SUMMARY OF ENERGY IMPACTS BY PROGRAM</b> .....	<b>12</b>
<b>3 SUMMARY OF DEMAND IMPACTS BY PROGRAM</b> .....	<b>14</b>
<b>4 SUMMARY OF FINANCES</b> .....	<b>16</b>
4.1 PORTFOLIO LEVEL EXPENDITURES .....	16
4.2 PROGRAM LEVEL EXPENDITURES .....	17

## Acronyms

C&I	Commercial and Industrial
CATI	Computer-Aided Telephone Interview
CFL	Compact Fluorescent Lamp
Phase II	Cumulative Program/Portfolio Phase II Inception to Date (Phase II Savings)
Phase II-CO	Cumulative Program/Portfolio Phase II Inception to Date including Carry Over Savings from Phase I
Phase II-Q	Phase II verified gross savings from the beginning of Phase II + PYTD reported gross savings.
Phase II-Q-CO	Phase II verified gross savings from the beginning of Phase II + verified Carry Over Savings from Phase I + PYTD reported gross savings
CSP	Curtailement Service Provider
CVR	Conservation Voltage Reduction
CVRf	Conservation Voltage Reduction factor
DLC	Direct Load Control
DR	Demand Response
EDC	Electric Distribution Company
EE&C	Energy Efficiency and Conservation
EM&V	Evaluation, Measurement, and Verification
GNI	Government, Non-Profit, Institutional
HVAC	Heating, Ventilating, and Air Conditioning
ICSP	Implementation Conservation Service Provider
IQ	Incremental Quarter
kW	Kilowatt
kWh	Kilowatt-hour
LED	Light Emitting Diode
LEEP	Low-Income Energy Efficiency Program
LIURP	Low-Income Usage Reduction Program
M&V	Measurement and Verification
MW	Megawatt
MWh	Megawatt-hour
NTG	Net-to-Gross
PA PUC	Pennsylvania Public Utility Commission
PY5	Program Year 2013, from June 1, 2013 to May 31, 2014
PY6	Program Year 2014, from June 1, 2010 to May 31, 2015
PY7	Program Year 2015, from June 1, 2011 to May 31, 2016

PY8	Program Year 2016, from June 1, 2012 to May 31, 2017
PYX QX	Program Year X, Quarter X
PYTD	Program Year to Date
SEER	Seasonal Energy Efficiency Rating
SWE	Statewide Evaluator
TRC	Total Resource Cost
TRM	Technical Reference Manual

## **1 Overview of Portfolio**

Pennsylvania Act 129 of 2008 signed on October 15, 2008, mandated energy savings and demand reduction goals for the largest electric distribution companies (EDCs) in Pennsylvania for Phase I (2008 through 2013). In 2009, each EDC submitted energy efficiency and conservation (EE&C) plans—which were approved by the Pennsylvania Public Utility Commission (PUC)—pursuant to these goals. The PUC established energy savings and demand reduction goals for Phase II (June 2013 through May 2016) of the Act 129 programs. Each EDC filed new EE&C plans with the PA PUC in late 2012 for Phase II. These plans were subsequently approved by the PUC in early 2013.

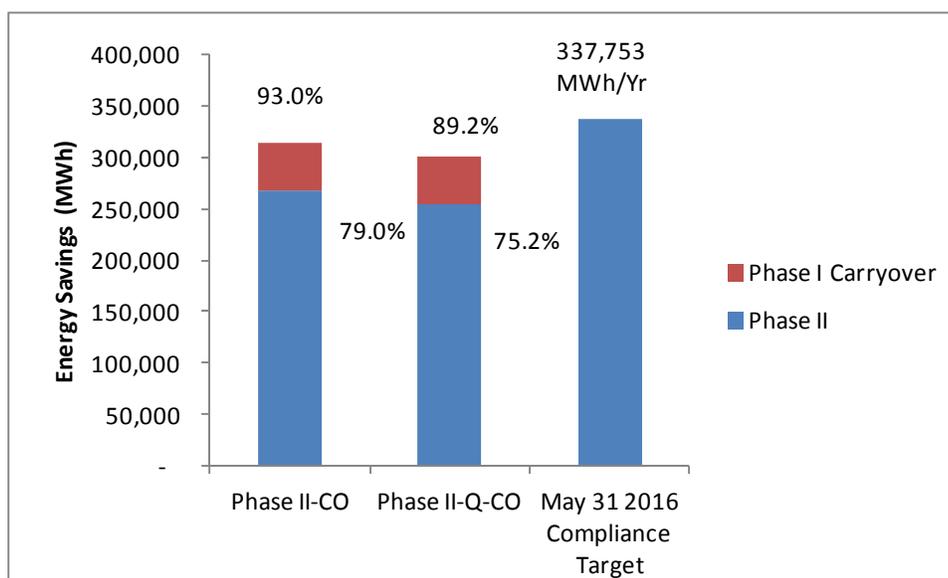
Implementation of Phase II of the Act 129 programs began on June 1, 2013. This report documents the progress and effectiveness of the Phase II EE&C accomplishments for Metropolitan Edison Company (Met-Ed or Company) in the 1st quarter of Program Year 7 (PY7), defined as June 1, 2015 through August 31, 2015, as well as the cumulative accomplishments of the programs since inception of Phase II. This report also includes the energy savings carried over from Phase I that will be applied towards the Company's savings compliance targets for Phase II. The Phase I carryover values as listed in this quarterly report are based on the Company's Final Phase I report to the Commission.

The Company's EM&V contractor, ADM Associates, is evaluating the programs, which includes measurement and verification of program savings.

## 1.1 Summary of Achievements

Met-Ed has achieved 79.0 percent of the May 31, 2016 energy savings compliance target, based on cumulative program inception to date (Phase II) reported gross energy savings<sup>1</sup>, and 93.0 percent of the energy savings compliance target, based on Phase II-Q-CO<sup>2</sup> (or Phase II-CO until verified savings are available for PY6) gross energy savings achieved through PY7Q1, as shown in Figure 1-1. (Phase II-Q)<sup>3</sup> is also shown in Figure 1-1.

**Figure 1-1: Cumulative Portfolio Phase 2 Inception to Date (Phase II) Energy Impacts**



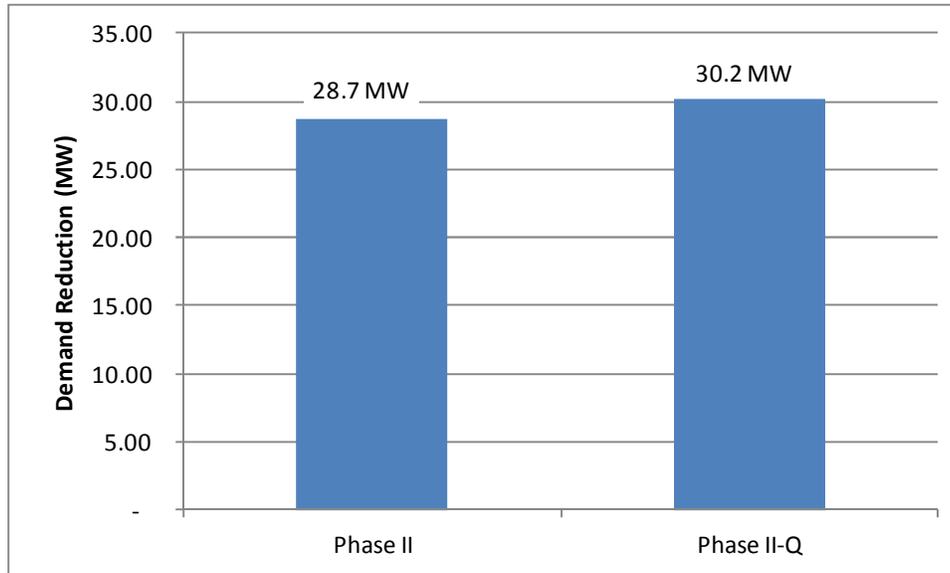
<sup>1</sup> Phase II Reported Gross Savings = Phase II Reported Gross Savings from the beginning of Phase II through the end of the current quarter. All savings reported as Phase II reported gross savings are computed this way.

<sup>2</sup> Phase II-Q-CO Gross Savings = Phase II verified gross savings from the beginning of Phase II including verified Carry Over Savings from Phase I + PYTD reported gross savings. The carryover portion of the Phase II-Q-CO Gross Savings listed herein is based on verified impacts reported in the Company’s Final Phase I report to the Commission.

<sup>3</sup> Phase II-Q Gross Savings = CPITD Verified Gross Savings from the beginning of Phase II + PYTD Reported Gross Savings. This excludes Phase I carry over savings. All savings reported as Phase II-Q gross savings are computed this way. Phase II Verified Gross Savings will be reported in the annual report. For the first quarter of each program year, the Company reports Phase II-Q Gross Savings as Phase II Savings as verified savings will not be reported until November 15.

Met-Ed has achieved 30.2 MW of demand reduction through PY7Q1<sup>4</sup>.

**Figure 1-2: Phase II Portfolio Demand Reduction**



There are six broad groups of measures available to the low-income sector at no cost to the customer, compared to a total of 40 broad measure categories included in the Company’s EE&C Plan. These groups of measures offered to the low-income sector therefore comprise 15.0% of the total measures offered. As required by the Phase II goal, this exceeds the fraction of the electric consumption of the utility’s low-income households divided by the total electricity consumption in the Met-Ed territory which is 8.8%.<sup>5</sup> The Phase II reported gross energy savings achieved in the low-income sector is 26,829 MWh/yr<sup>6</sup>; this is 10.1% percent of the Phase II total portfolio reported gross energy savings. This exceeds the goal of 4.5% of the Phase II savings.

---

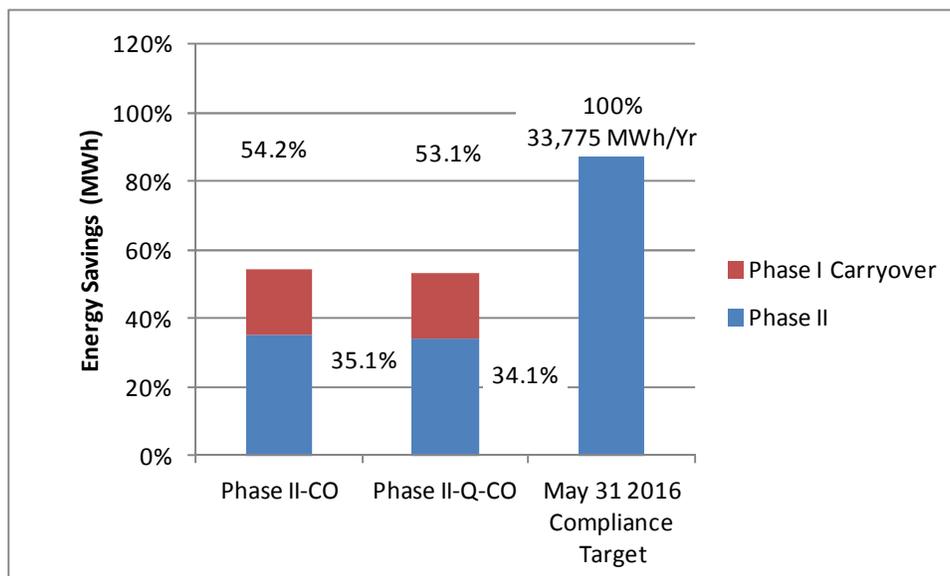
<sup>4</sup> There is no compliance target for demand reduction in Phase II.

<sup>5</sup> Act 129 includes a provision requiring electric distribution companies to offer a number of energy efficiency measures to low-income households that are “proportionate to those households’ share of the total energy usage in the service territory.” 66 Pa.C.S. §2806.1(b)(i)(G). The Company’s Act 129 EE&C Plan includes hundreds of distinct measures that are consolidated into 128 archetypal measures and 40 broad measure categories. For low-income reporting purposes, six of these 40 broad measure categories are offered at no cost to the Company’s low-income residential customers.

<sup>6</sup> These estimates are extrapolated from official PY5 verified results, which were calculated through participant surveys.

Met-Ed has also achieved 35.1% of the May 31, 2016, energy reduction compliance target for government, nonprofit and institutional sector, based on Phase II reported gross energy savings, and 54.2% of the target based on Phase II-Q-CO (or Phase II-CO until verified savings are available for PY6) gross energy savings achieved through PY7Q1, as shown in Figure 1-3.

**Figure 1-3: Government, Nonprofit, and Institutional Sectors**



## 1.2 Program Updates and Findings

- **Appliance Turn-in:**

Over 2,000 appliances were picked up and recycled during PY7Q1. Retail store visits were conducted during this period at Sears Department Stores across the territory to educate employees about the benefits of this program. The Company continued to market the program through bill inserts, radio, newspaper, and internet advertisements.

- **Energy Efficient Products:**

Program continues to track ahead of goal in all four FirstEnergy PA EDCs primarily due to POS lighting sales and the consumer electronics program.

- **Home Performance:**

**New Construction:** During the quarter, 55 homes were completed under the program. Progress toward saving goals remain steady.

**Online Audit:** The Company continues to send Energy Conservation Kits to customers as a result of completing an Online Audit. During PY7Q1, over 580 kits were delivered to Met-Ed customers.

**Comprehensive Audit:** The program continues to track above goal in Met-Ed primarily due to the work being performed by a particular contractor. The program continues to recruit new contractors

into the program network and markets the program to customers. The program continues hosting bi-monthly program webinars with contractors to go over best practices and program updates.

**Behavior Modification:** Approximately 210,000 customers across Met-Ed service territory receive Home Energy Reports. These reports show a customer's energy usage, highlight PA Act 129 approved programs, and provide tips to help save energy.

**Opt-in Kits:** During PY7Q1, over 9,500 Opt-In Kits were delivered to customers in Met-Ed upon enrollment into the program.

**Schools Education and Kits:** This program concluded in late 2014 and has no activity updates. Final performances of the "Energized Guyz" for Phase II were completed in November 2014 and requested kits were shipped through January. Over 12,800 students participated in the School Education program During Phase II of Act 129.

- **Low Income / WARM:**

The Program continued its marketing efforts to identify and reach income-qualified customers in the Met-Ed territory during PY7Q1. A 30-second WARM TV commercial was made available on the FE Home Page YouTube link. Also, a Request for Proposal (RFP) for Quality Assurance Inspectors for the WARM, WARM Plus/Multi Family and Act 129 Programs was prepared and issued on August 31, 2015. Interested vendors have until September 3, 2015 to submit their Intent to Bid responses.

**WARM Extra Measures/WARM Plus:** Two heat pump water heater installations were completed in the Met-Ed area during PY7Q1.

**Multi Family:** Met-Ed continues to identify and serve Multi-Family units/customers for WARM Plus.

- **C/I Small Energy Efficient Equipment:**

Met-Ed continues to receive and process applications under Phase II for this program. The ICSP initiated planning of four (4) outreach events this quarter that will be held across the Met-Ed region in September and October, 2015. The main focus of these events:

- a. Increase participation in this program;
- b. Motivate customers and program allies to move forward with their projects as the Phase II Programs will end effective May 2016;
- c. To provide a broad overview of Phase III.

The ICSP is promoting these outreach events via the Program website, e-Blast, trade ally newsletter and EnergyLine newsletter. The Company is also using its Customer Support Account Managers and Area Managers to promote these events to assigned accounts & government, non-profit, & institutional (GNI) customers. The ICSP continues to market the program through traditional marketing channels plus a direct one-on-one outreach by the program staff.

- **C/I Small Energy Efficient Buildings:**

Met-Ed shipped out 1,322 kits to customers in this program during the reporting period. The ICSP initiated planning of four (4) outreach events this quarter that will be held across the Met-Ed region in September and October, 2015. The main focus of these events:

- a. Increase participation in this program;
- b. Motivate customers and program allies to move forward with their projects as the Phase II Programs will end effective May 2016;
- c. To provide a broad overview of Phase III.

The ICSP is promoting these outreach events via the Program website, e-Blast, trade ally newsletter and EnergyLine newsletter. The Company is also using its Customer Support Account Mangers and Area Managers to promote these events to assigned accounts & GNI customers. The ICSP continues to market the program through traditional marketing channels plus a direct one-on-one outreach by the program staff.

- **C/I Large Energy Efficient Equipment:**

Met-Ed continues to receive and process applications under Phase II. The ICSP initiated planning of four (4) outreach events this quarter that will be held across the Met-Ed region in September and October, 2015. The main focus of these events:

- a. Motivate customers and program allies to move forward with their projects as the Phase II Programs will end effective May 2016;
- b. To provide a broad overview of Phase III.

The ICSP is promoting these outreach events via the Program website, e-Blast, trade ally newsletter and EnergyLine newsletter. The Company is also using its Customer Support Account Mangers and Area Managers to promote these events to assigned accounts & GNI customers. The ICSP continues to market the program through traditional marketing channels plus a direct one-on-one outreach by the program staff.

- **C/I Large Energy Efficient Buildings:**

The ICSP initiated planning of four (4) outreach events this quarter that will be held across the Met-Ed region in September and October, 2015. The main focus of these events:

- a. Increase participation in this program;
- b. Motivate customers and program allies to move forward with their projects as the Phase II Programs will end effective May 2016;
- c. To provide a broad overview of Phase III.

The ICSP is promoting these outreach events via the Program website, e-Blast, trade ally newsletter and EnergyLine newsletter. The Company is also using its Customer Support Account Mangers and Area Managers to promote these events to assigned accounts & GNI customers. The ICSP continues to market the program through traditional marketing channels plus a direct one-on-one outreach by the program staff.

- **Government & Institutional:**

Met-Ed continues to receive and process applications under Phase II. To increase participation in this program, a limited-duration GNI bonus campaign was launched August 1, 2015 and will run through January 31, 2016. The bonus campaign utilized a tiered incentive structure designed to incent early participation in the campaign.

The ICSP is promoting this bonus campaign via the Program website, e-Blast, trade ally newsletter and EnergyLine newsletter. The Company will be promoting this bonus campaign at all four (4) outreach events across the Met-Ed region. The Company is also using its Customer Support Account Mangers and Area Managers to promote this campaign to assigned accounts & GNI customers. The Direct Install (DI) program, that was launched last quarter, is now fully operational. In this quarter, the ICSP has trained about 13 DI contractors who are working directly with small and medium GNI customers.

### **1.3 Evaluation Updates and Findings**

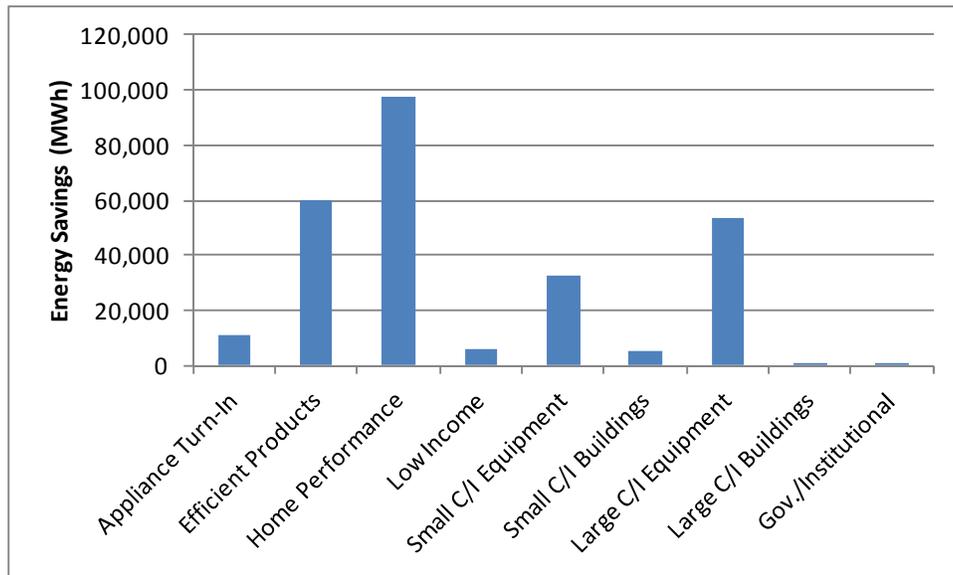
- **Appliance Turn-in**
- **Energy Efficient Products**
- **Home Performance**
- **Low Income / WARM**
- **C/I Small Energy Efficient Equipment**
- **C/I Small Energy Efficient Buildings**
- **C/I Large Energy Efficient Equipment**
- **C/I Large Energy Efficient Buildings**
- **Government & Institutional**

ADM has communicated to the Company's implementation staff the data collection requirements and calculation procedures outlined in the 2015 PA TRM for measures offered under each program. Nonresidential lighting projects with ex ante savings above 800 MWh and other nonresidential projects with ex ante savings above 400 MWh are sampled with certainty and evaluated on an ongoing basis by ADM. Nonresidential lighting projects with ex ante savings above 500 MWh and other nonresidential projects with ex ante savings above 250 MWh are reviewed for evaluability on an ongoing basis by ADM, and data acquisition requirements for these projects are communicated to the ICSP.

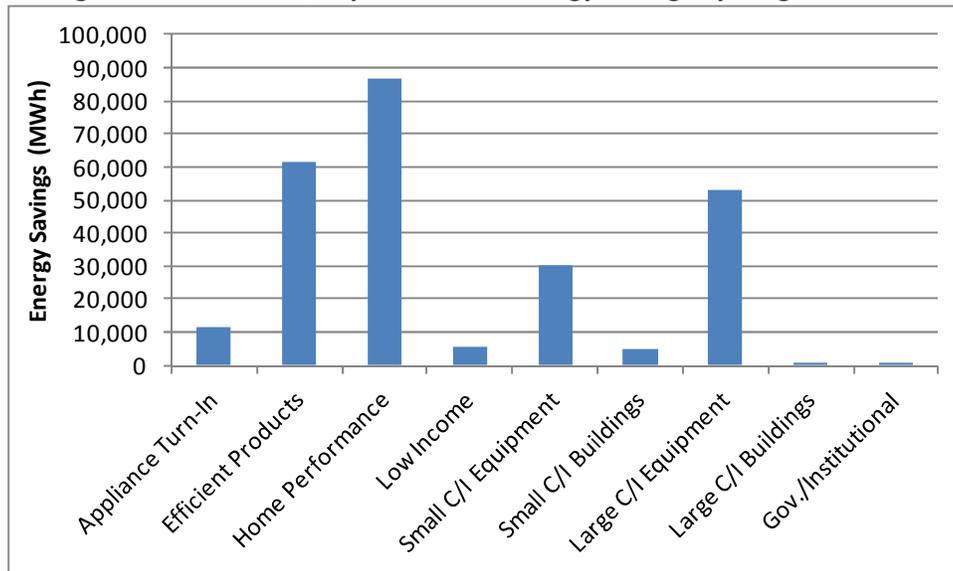
## 2 Summary of Energy Impacts by Program

A summary of the reported energy savings by program is presented in Figure 2-1 and Figure 2-2.

**Figure 2-1: Phase II Reported Gross Energy Savings by Program**



**Figure 2-2: Phase II-Q Reported Gross Energy Savings by Program**



A summary of energy impacts by program through PY7Q1 is presented in Table 2-1.

**Table 2-1: EDC Reported Participation and Gross Energy Savings by Program (MWh/Year)**

Program	Participants			Reported Gross Impact (MWh/Year)			
	IQ	PYTD	Phase II	IQ	PYTD	Phase II	Phase II-Q <sup>7</sup>
Appliance Turn-In	2,022	2,022	13,109	2,102	2,102	10,999	11,318
Energy Efficient Products	41,357	41,357	500,793	4,031	4,031	59,960	61,435
Home Performance	7,069	7,069	342,927	11,311	11,311	97,380	86,638
Low Income / WARM	362	362	17,726	206	206	6,001	5,676
C/I Small Energy Efficient Equipment	158	158	829	4,851	4,851	32,243	30,114
C/I Small Energy Efficient Buildings	1,343	1,343	4,757	1,483	1,483	5,421	4,946
C/I Large Energy Efficient Equipment	42	42	226	5,657	5,657	53,531	52,891
C/I Large Energy Efficient Buildings	6	6	47	261	261	812	767
Government, & Institutional	4	4	21	75	75	426	371
<b>TOTAL PORTFOLIO</b>	52,363	52,363	880,435	29,975	29,975	266,773	254,157
<b>Carry Over Savings from Phase I<sup>8</sup></b>							47,187
<b>Total Phase II-Q-CO</b>							301,344

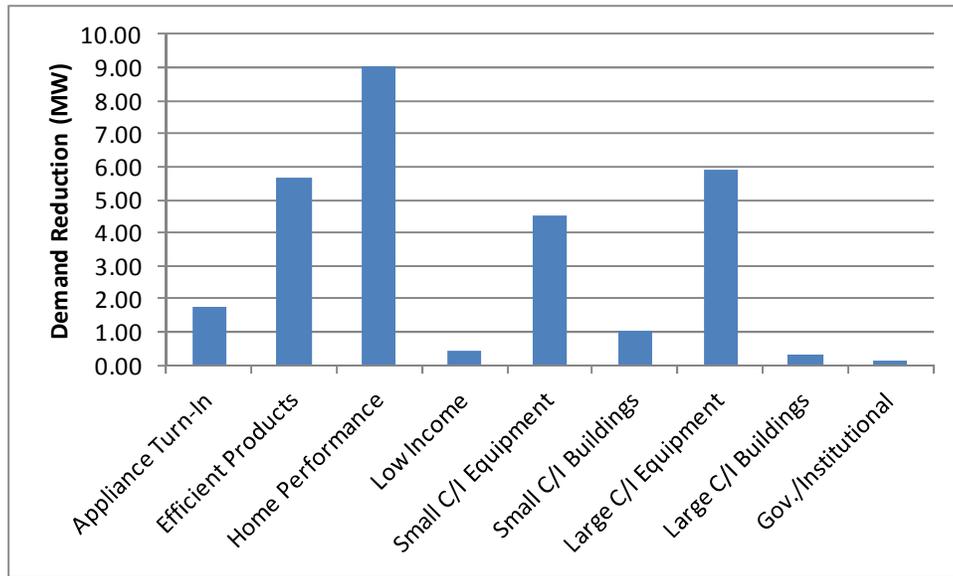
<sup>7</sup> Phase II cumulative savings reflect PY5 verified savings and reported savings for PY6 and PY7.

<sup>8</sup> The Phase I carryover values as listed in this quarterly report are based on verified impacts reported in the Company's Final Phase I report to the Commission all remaining values for all periods are shown ex-ante.

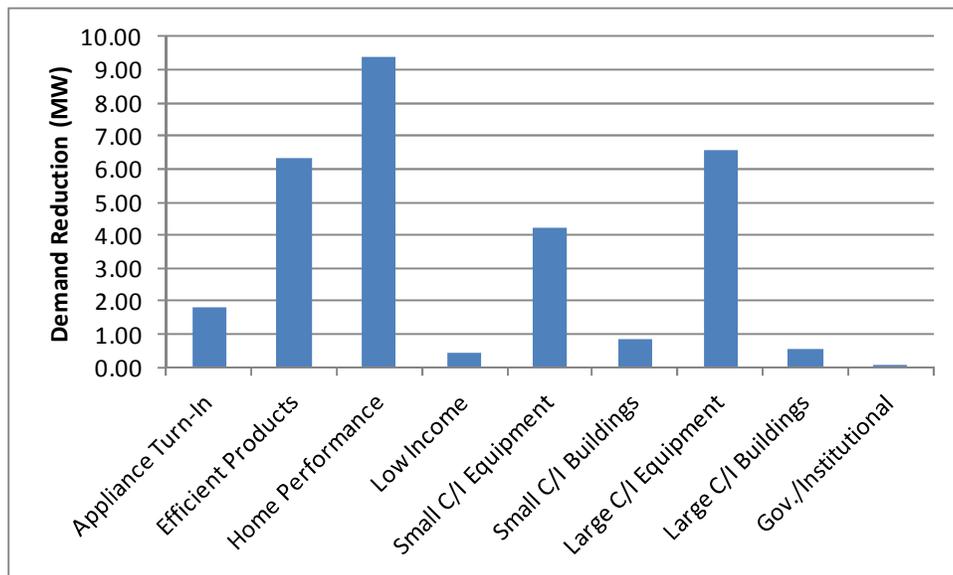
### 3 Summary of Demand Impacts by Program

A summary of the reported demand reduction by program is presented in Figure 3-1 and Figure 3-2.

**Figure 3-1: Phase II Demand Reduction by Program**



**Figure 3-2: Phase II-Q Demand Reduction by Program**



A summary of total demand reduction impacts by program through PY7Q1 is presented in Table 3-1.

**Table 3-1: Participation and Reported Gross Demand Reduction by Program**

Program	Participants			Reported Gross Impact (MW)			
	IQ	PYTD	Phase II	IQ	PYTD	Phase II	Phase II-Q <sup>9</sup>
Appliance Turn-In	2,022	2,022	13,109	0.27	0.27	1.73	1.79
Energy Efficient Products	41,357	41,357	500,793	0.63	0.63	5.67	6.31
Home Performance	7,069	7,069	342,927	5.48	5.48	9.03	9.41
Low Income / WARM	362	362	17,726	0.02	0.02	0.44	0.42
C/I Small Energy Efficient Equipment	158	158	829	0.64	0.64	4.50	4.22
C/I Small Energy Efficient Buildings	1,343	1,343	4,757	0.24	0.24	1.05	0.87
C/I Large Energy Efficient Equipment	42	42	226	0.59	0.59	5.88	6.54
C/I Large Energy Efficient Buildings	6	6	47	0.06	0.06	0.30	0.54
Government, & Institutional	4	4	21	0.02	0.02	0.11	0.10
<b>TOTAL PORTFOLIO</b>	<b>52,363</b>	<b>52,363</b>	<b>880,435</b>	<b>7.96</b>	<b>7.96</b>	<b>28.71</b>	<b>30.19</b>

<sup>9</sup> Phase II cumulative demand impacts reflect PY5 verified savings and reported savings for PY6 and PY7.

## 4 Summary of Finances

### 4.1 Portfolio Level Expenditures

A breakdown of the portfolio finances is presented in Table 4-1.

**Table 4-1: Summary of Portfolio Finances**

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$2,003	\$2,003	\$16,348
EDC Incentives to Trade Allies	\$0	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$2,003</b>	<b>\$2,003</b>	<b>\$16,348</b>
Design & Development	\$41	\$41	\$233
Administration, Management and Technical Assistance <sup>[1]</sup>	\$1,585	\$1,585	\$18,958
Marketing	\$249	\$249	\$2,055
<b>Subtotal EDC Implementation Costs</b>	<b>\$1,874</b>	<b>\$1,874</b>	<b>\$21,246</b>
<b>EDC Evaluation Costs</b>	<b>\$267</b>	<b>\$267</b>	<b>\$1,308</b>
<b>SWE Audit Costs</b>	<b>\$142</b>	<b>\$142</b>	<b>\$1,067</b>
<b>Total EDC Costs<sup>[2]</sup></b>	<b>\$4,286</b>	<b>\$4,286</b>	<b>\$39,969</b>
<b>Participant Costs<sup>[3]</sup></b>			
<b>Total TRC Costs<sup>[4]</sup></b>			
<b>NOTES</b>			
Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.			
Costs shown above include startup expenses prior to June 1, 2013.			
Negative values are the result of prior period adjustments in the current quarter and are reflected throughout the program level tables.			
<sup>1</sup> Includes the administrative ICSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, ICSP program management, general management oversight major accounts and technical assistance			
<sup>2</sup> Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
<sup>3</sup> Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
<sup>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs			

## 4.2 Program Level Expenditures

Program-specific finances are shown in the following tables.

**Table 4-2: Summary of Program Finances – Res Appliance Turn-In**

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$113	\$113	\$724
EDC Incentives to Trade Allies	\$0	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$113</b>	<b>\$113</b>	<b>\$724</b>
Design & Development	\$3	\$3	\$19
Administration, Management and Technical Assistance <sup>[1]</sup>	\$191	\$191	\$1,281
Marketing	\$55	\$55	\$354
<b>Subtotal EDC Implementation Costs</b>	<b>\$248</b>	<b>\$248</b>	<b>\$1,654</b>
EDC Evaluation Costs	\$10	\$10	\$39
SWE Audit Costs	\$12	\$12	\$88
<b>Total EDC Costs<sup>[2]</sup></b>	<b>\$383</b>	<b>\$383</b>	<b>\$2,506</b>
<b>Participant Costs<sup>[3]</sup></b>			
<b>Total TRC Costs<sup>[4]</sup></b>			
<b>NOTES</b>			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
<i>Costs shown above include startup expenses prior to June 1, 2013.</i>			
<sup>1</sup> Includes the administrative ICSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, ICSP program management, general management oversight major accounts and technical assistance			
<sup>2</sup> Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
<sup>3</sup> Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
<sup>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs			

**Table 4-3: Summary of Program Finances – Res Energy Efficient Products**

	<b>Quarter 1 (\$1,000)</b>	<b>PYTD (\$1,000)</b>	<b>Phase II (\$1,000)</b>
EDC Incentives to Participants	\$376	\$376	\$3,705
EDC Incentives to Trade Allies	\$0	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$376</b>	<b>\$376</b>	<b>\$3,705</b>
Design & Development	\$4	\$4	\$25
Administration, Management and Technical Assistance <sup>[1]</sup>	\$180	\$180	\$2,403
Marketing	\$29	\$29	\$306
<b>Subtotal EDC Implementation Costs</b>	<b>\$213</b>	<b>\$213</b>	<b>\$2,734</b>
EDC Evaluation Costs	\$38	\$38	\$177
SWE Audit Costs	\$15	\$15	\$114
<b>Total EDC Costs<sup>[2]</sup></b>	<b>\$642</b>	<b>\$642</b>	<b>\$6,730</b>
<b>Participant Costs<sup>[3]</sup></b>			
<b>Total TRC Costs<sup>[4]</sup></b>			

**NOTES**

*Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.*

*Costs shown above include startup expenses prior to June 1, 2013.*

<sup>1</sup> Includes the administrative ICSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, ICSP program management, general management oversight major accounts and technical assistance

<sup>2</sup> Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.

<sup>3</sup> Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.

<sup>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs

**Table 4-4: Summary of Program Finances – Res Home Performance**

	<b>Quarter 1 (\$1,000)</b>	<b>PYTD (\$1,000)</b>	<b>Phase II (\$1,000)</b>
EDC Incentives to Participants	\$772	\$772	\$6,778
EDC Incentives to Trade Allies	\$0	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$772</b>	<b>\$772</b>	<b>\$6,778</b>
Design & Development	\$13	\$13	\$75
Administration, Management and Technical Assistance <sup>[1]</sup>	\$369	\$369	\$7,682
Marketing	\$75	\$75	\$760
<b>Subtotal EDC Implementation Costs</b>	<b>\$457</b>	<b>\$457</b>	<b>\$8,518</b>
EDC Evaluation Costs	\$36	\$36	\$146
SWE Audit Costs	\$46	\$46	\$344
<b>Total EDC Costs<sup>[2]</sup></b>	<b>\$1,311</b>	<b>\$1,311</b>	<b>\$15,786</b>
<b>Participant Costs<sup>[3]</sup></b>			
<b>Total TRC Costs<sup>[4]</sup></b>			

**NOTES**

Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.

Costs shown above include startup expenses prior to June 1, 2013.

<sup>1</sup> Includes the administrative ICSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, ICSP program management, general management oversight major accounts and technical assistance

<sup>2</sup> Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.

<sup>3</sup> Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.

<sup>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs

**Table 4-5: Summary of Program Finances – Res Low Income**

	<b>Quarter 1 (\$1,000)</b>	<b>PYTD (\$1,000)</b>	<b>Phase II (\$1,000)</b>
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Design & Development	\$9	\$9	\$49
Administration, Management and Technical Assistance <sup>[1]</sup>	\$347	\$347	\$3,271
Marketing	\$0	\$0	\$7
<b>Subtotal EDC Implementation Costs</b>	<b>\$356</b>	<b>\$356</b>	<b>\$3,326</b>
EDC Evaluation Costs	\$38	\$38	\$269
SWE Audit Costs	\$30	\$30	\$225
<b>Total EDC Costs<sup>[2]</sup></b>	<b>\$425</b>	<b>\$425</b>	<b>\$3,821</b>
<b>Participant Costs<sup>[3]</sup></b>			
<b>Total TRC Costs<sup>[4]</sup></b>			

**NOTES**

*Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.*

*Costs shown above include startup expenses prior to June 1, 2013.*

<sup>1</sup> Includes the administrative ICSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, ICSP program management, general management oversight major accounts and technical assistance

<sup>2</sup> Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.

<sup>3</sup> Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.

<sup>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs

<sup>5</sup> Negative values represent accounting adjustments from prior periods.

**Table 4-6: Summary of Program Finances – Small CI Efficient Equipment**

	<b>Quarter 1 (\$1,000)</b>	<b>PYTD (\$1,000)</b>	<b>Phase II (\$1,000)</b>
EDC Incentives to Participants	\$255	\$255	\$1,831
EDC Incentives to Trade Allies	\$0	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$255</b>	<b>\$255</b>	<b>\$1,831</b>
Design & Development	\$5	\$5	\$29
Administration, Management and Technical Assistance <sup>[1]</sup>	\$209	\$209	\$1,845
Marketing	\$35	\$35	\$261
<b>Subtotal EDC Implementation Costs</b>	<b>\$249</b>	<b>\$249</b>	<b>\$2,135</b>
EDC Evaluation Costs	\$48	\$48	\$221
SWE Audit Costs	\$18	\$18	\$132
<b>Total EDC Costs<sup>[2]</sup></b>	<b>\$570</b>	<b>\$570</b>	<b>\$4,319</b>
<b>Participant Costs<sup>[3]</sup></b>			
<b>Total TRC Costs<sup>[4]</sup></b>			

**NOTES**

*Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.*

*Costs shown above include startup expenses prior to June 1, 2013.*

<sup>1</sup> Includes the administrative ICSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, ICSP program management, general management oversight major accounts and technical assistance

<sup>2</sup> Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.

<sup>3</sup> Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.

<sup>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs

**Table 4-7: Summary of Program Finances – Small C/I Efficient Buildings**

	<b>Quarter 1 (\$1,000)</b>	<b>PYTD (\$1,000)</b>	<b>Phase II (\$1,000)</b>
EDC Incentives to Participants	\$129	\$129	\$370
EDC Incentives to Trade Allies	\$0	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$129</b>	<b>\$129</b>	<b>\$370</b>
Design & Development	\$2	\$2	\$10
Administration, Management and Technical Assistance <sup>[1]</sup>	\$82	\$82	\$670
Marketing	\$24	\$24	\$133
<b>Subtotal EDC Implementation Costs</b>	<b>\$108</b>	<b>\$108</b>	<b>\$813</b>
EDC Evaluation Costs	\$3	\$3	\$25
SWE Audit Costs	\$6	\$6	\$45
<b>Total EDC Costs<sup>[2]</sup></b>	<b>\$246</b>	<b>\$246</b>	<b>\$1,254</b>
<b>Participant Costs<sup>[3]</sup></b>			
<b>Total TRC Costs<sup>[4]</sup></b>			

**NOTES**

*Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.*

*Costs shown above include startup expenses prior to June 1, 2013.*

<sup>1</sup> Includes the administrative ICSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, ICSP program management, general management oversight major accounts and technical assistance

<sup>2</sup> Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.

<sup>3</sup> Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.

<sup>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs

**Table 4-8: Summary of Program Finances – Large C/I Efficient Equipment**

	<b>Quarter 1 (\$1,000)</b>	<b>PYTD (\$1,000)</b>	<b>Phase II (\$1,000)</b>
EDC Incentives to Participants	\$334	\$334	\$2,864
EDC Incentives to Trade Allies	\$0	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$334</b>	<b>\$334</b>	<b>\$2,864</b>
Design & Development	\$3	\$3	\$14
Administration, Management and Technical Assistance <sup>[1]</sup>	\$134	\$134	\$1,194
Marketing	\$17	\$17	\$135
<b>Subtotal EDC Implementation Costs</b>	<b>\$154</b>	<b>\$154</b>	<b>\$1,343</b>
EDC Evaluation Costs	\$87	\$87	\$377
SWE Audit Costs	\$9	\$9	\$66
<b>Total EDC Costs<sup>[2]</sup></b>	<b>\$584</b>	<b>\$584</b>	<b>\$4,651</b>
<b>Participant Costs<sup>[3]</sup></b>			
<b>Total TRC Costs<sup>[4]</sup></b>			

**NOTES**

*Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.*

*Costs shown above include startup expenses prior to June 1, 2013.*

<sup>1</sup> Includes the administrative ICSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, ICSP program management, general management oversight major accounts and technical assistance

<sup>2</sup> Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.

<sup>3</sup> Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.

<sup>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs

**Table 4-9: Summary of Program Finances – Large C/I Efficient Buildings**

	<b>Quarter 1 (\$1,000)</b>	<b>PYTD (\$1,000)</b>	<b>Phase II (\$1,000)</b>
EDC Incentives to Participants	\$19	\$19	\$51
EDC Incentives to Trade Allies	\$0	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$19</b>	<b>\$19</b>	<b>\$51</b>
Design & Development	\$1	\$1	\$7
Administration, Management and Technical Assistance <sup>[1]</sup>	\$49	\$49	\$423
Marketing	\$9	\$9	\$66
<b>Subtotal EDC Implementation Costs</b>	<b>\$59</b>	<b>\$59</b>	<b>\$496</b>
EDC Evaluation Costs	\$5	\$5	\$42
SWE Audit Costs	\$4	\$4	\$33
<b>Total EDC Costs<sup>[2]</sup></b>	<b>\$87</b>	<b>\$87</b>	<b>\$623</b>
<b>Participant Costs<sup>[3]</sup></b>			
<b>Total TRC Costs<sup>[4]</sup></b>			

**NOTES**

*Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.*

*Costs shown above include startup expenses prior to June 1, 2013.*

<sup>1</sup> Includes the administrative ICSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, ICSP program management, general management oversight major accounts and technical assistance

<sup>2</sup> Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.

<sup>3</sup> Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.

<sup>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs

**Table 4-10: Summary of Program Finances – Government and Institutional**

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$5	\$5	\$24
EDC Incentives to Trade Allies	\$0	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$5</b>	<b>\$5</b>	<b>\$24</b>
Design & Development	\$1	\$1	\$4
Administration, Management and Technical Assistance <sup>[1]</sup>	\$24	\$24	\$189
Marketing	\$5	\$5	\$33
<b>Subtotal EDC Implementation Costs</b>	<b>\$30</b>	<b>\$30</b>	<b>\$226</b>
EDC Evaluation Costs	\$2	\$2	\$11
SWE Audit Costs	\$2	\$2	\$19
<b>Total EDC Costs<sup>[2]</sup></b>	<b>\$40</b>	<b>\$40</b>	<b>\$280</b>
<b>Participant Costs<sup>[3]</sup></b>			
<b>Total TRC Costs<sup>[4]</sup></b>			

**NOTES**

Negative values represent accrual reversals that are greater than the current period expense.

*Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.*

*Costs shown above include startup expenses prior to June 1, 2013.*

<sup>1</sup> Includes the administrative ICSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, ICSP program management, general management oversight major accounts and technical assistance

<sup>2</sup> Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.

<sup>3</sup> Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.

<sup>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs