# 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 Pennsylvania Electric Company and ADM Associates, Inc.

For

Pennsylvania Electric Company Docket No. M-2012-2334392 October 15, 2015

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# **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 Curtailment 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

LIURP 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 Pennsylvania Electric Company (Penelec 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

Penelec has achieved 80.7 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 89.1 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.

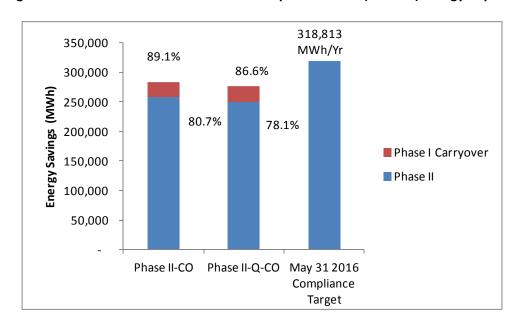


Figure 1-1: Cumulative Portfolio Phase 2 Inception to Date (Phase II) Energy Impacts

<sup>&</sup>lt;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>&</sup>lt;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>&</sup>lt;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.

35.00
30.00
28.1 MW
25.00

10.00
5.00

Phase II Portion Demand Reduction

28.9 MW

Phase II-Q

Penelec has achieved 28.9 MW of demand reduction through PY7Q14.

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 Penelec territory which is 10.2%. The Phase II reported gross energy savings achieved in the low-income sector is 35,308 MWh/yr<sup>6</sup>; this is 13.7% percent of the Phase II total portfolio reported gross energy savings. This exceeds the goal of 4.5% of the Phase II savings.

Penelec has also achieved 67.2% of the May 31, 2016, energy reduction compliance target for government, nonprofit and institutional sector, based on Phase II reported gross energy savings, and

 $<sup>^{\</sup>rm 4}$  There is no compliance target for demand reduction in Phase II.

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

100.8% 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.

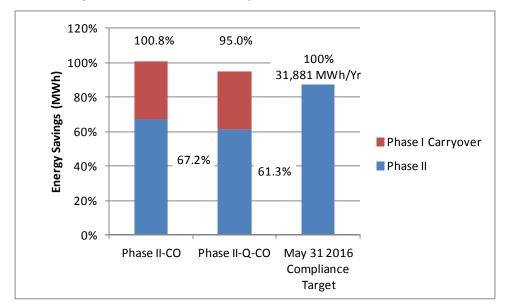


Figure 1-3: Government, Nonprofit, and Institutional Sectors

# 1.2 Program Updates and Findings

### • Appliance Turn-in:

Over 1,800 appliances were picked up and recycled during P7Q1. 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, television, 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, 3 homes were completed under the program. We continued to promote and recruit program participants and this quarter added two new builders in the Penelec territory.

Online Audit: Penelec continues to send Energy Conservation Kits to customers as a result of completing an Online Audit. During PY7Q1, over 390 kits were delivered to Penelec customers.

Comprehensive Audit: 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 250,000 customers across Penelec's 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. The Home Energy Reports in PY7Q1 highlighted the Comprehensive Audit program.

Opt-in Kits: During PY7Q1 over 8,000 Opt-In Kits were delivered to customers in Penelec upon enrollment into the program.

Schools Education and Kits: This program concluded in later 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 13,900 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 Penelec 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: Four heat pump water heater installations were completed in the Penelec area during PY7Q1. Procedures for coordination with Peoples Gas and the WARM Program have been finalized and all aspects of joint delivery are underway.

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

# • C/I Small Energy Efficient Equipment:

Penelec 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 Penelec 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.

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 Small Energy Efficient Buildings:

Penelec shipped out 1,170 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 Penelec 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:

Penelec 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 Penelec 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 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:

In this quarter, Penelec did not ship out any kits to customers in this program. This quarter, the ICSP initiated planning of four (4) outreach events this quarter that will be held across the Penelec 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:

Penelec continues to receive and process applications under Phase II. This quarter, the ICSP initiated planning of four (4) outreach events that will be held across the Penelec 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.

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.

# 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.

# **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.

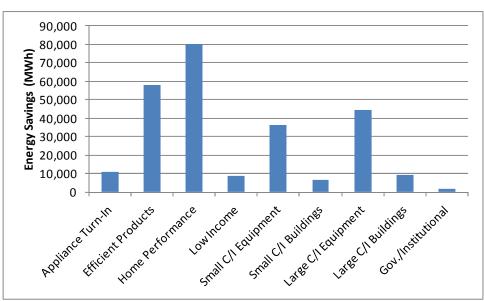
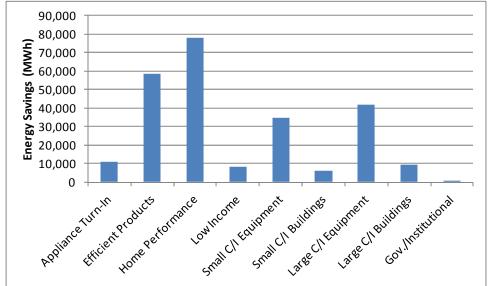


Figure 2-1: Phase II Reported Gross Energy Savings by Program

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)

				Reported Gross Impact			
	Participants			(MWh/Year)			
Program	IQ	PYTD	Phase II	IQ	PYTD	Phase II	Phase II- Q <sup>7</sup>
Appliance Turn-In	1,869	1,869	13,534	2,116	2,116	11,182	11,126
Energy Efficient Products	39,469	39,469	461,652	4,201	4,201	58,053	58,774
Home Performance	4,071	4,071	370,738	8,899	8,899	80,359	78,089
Low Income / WARM	743	743	20,888	429	429	9,001	8,384
C/I Small Energy Efficient Equipment	150	150	1,019	2,803	2,803	36,560	34,970
C/I Small Energy Efficient Buildings	1,175	1,175	7,032	792	792	6,693	6,006
C/I Large Energy Efficient Equipment	17	17	227	2,221	2,221	44,301	41,612
C/I Large Energy Efficient Buildings	0	0	67	0	0	9,531	9,376
Government, & Institutional	2	2	28	42	42	1,542	799
TOTAL PORTFOLIO	47,496	47,496	875,185	21,503	21,503	257,223	249,137
Carry Over Savings from Phase I <sup>8</sup>							26,805
Total Phase II-Q-CO							275,942

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

<sup>&</sup>lt;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.

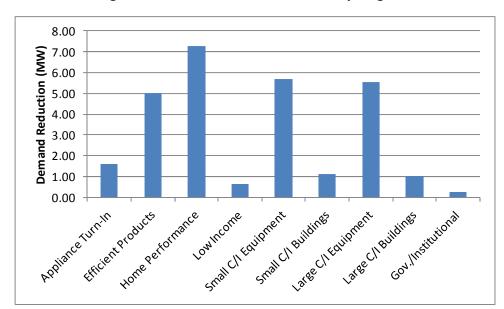
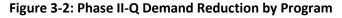
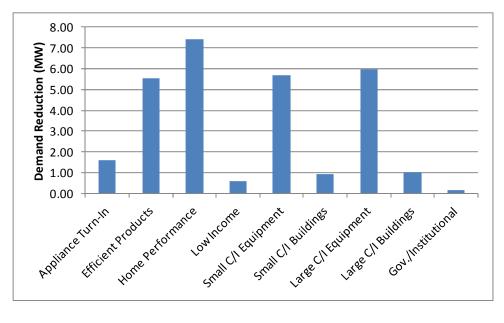


Figure 3-1: Phase II Demand Reduction by Program





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

				Reported Gross Impact			
	F	Participants		(MW)			
Program	IQ	PYTD	Phase II	IQ	PYTD	Phase II	Phase II- Q <sup>9</sup>
Appliance Turn-In	1,869	1,869	13,534	0.26	0.26	1.59	1.58
Energy Efficient Products	39,469	39,469	461,652	0.64	0.64	5.02	5.52
Home Performance	4,071	4,071	370,738	4.27	4.27	7.26	7.41
Low Income / WARM	743	743	20,888	0.04	0.04	0.62	0.59
C/I Small Energy Efficient Equipment	150	150	1,019	0.44	0.44	5.67	5.68
C/I Small Energy Efficient Buildings	1,175	1,175	7,032	0.15	0.15	1.13	0.94
C/I Large Energy Efficient Equipment	17	17	227	0.30	0.30	5.55	5.97
C/I Large Energy Efficient Buildings	0	0	67	0.00	0.00	1.01	1.00
Government, & Institutional	2	2	28	0.01	0.01	0.24	0.15
TOTAL PORTFOLIO	47,496	47,496	875,185	6.11	6.11	28.11	28.86

<sup>&</sup>lt;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	\$1,439	\$1,439	\$14,693
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$1,439	\$1,439	\$1,439
Design & Development	\$41	\$41	\$221
Administration, Management and Technical Assistance <sup>[1]</sup>	\$1,565	\$1,565	\$19,199
Marketing	\$243	\$243	\$2,000
Subtotal EDC Implementation Costs	\$1,850	\$1,850	\$21,420
EDC Evaluation Costs	\$230	\$230	\$1,106
SWE Audit Costs	\$152	\$152	\$1,109
Total EDC Costs <sup>[2]</sup>	\$3,671	\$3,671	\$38,328
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

# 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.

Negative values are the result of prior period adjustments in the current quarter and are reflected throughout the program level tables.

1 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.

# 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	\$103	\$103	\$729
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$103	\$103	\$729
Design & Development	\$3	\$3	\$16
Administration, Management and Technical Assistance <sup>[1]</sup>	\$172	\$172	\$1,296
Marketing	\$51	\$51	\$360
Subtotal EDC Implementation Costs	\$225	\$225	\$1,671
EDC Evaluation Costs	\$8	\$8	\$32
SWE Audit Costs	\$11	\$11	\$78
Total EDC Costs <sup>[2]</sup>	\$347	\$347	\$2,510
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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

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

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

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$247	\$247	\$2,623
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$247	\$247	\$2,623
Design & Development	\$4	\$4	\$21
Administration, Management and Technical Assistance <sup>[1]</sup>	\$184	\$184	\$2,246
Marketing	\$25	\$25	\$266
Subtotal EDC Implementation Costs	\$213	\$213	\$2,534
EDC Evaluation Costs	\$33	\$33	\$156
SWE Audit Costs	\$14	\$14	\$107
Total EDC Costs <sup>[2]</sup>	\$508	\$508	\$5,418
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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.

¹ 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>&</sup>lt;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.

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

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

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$687	\$687	\$5,838
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$687	\$687	\$5,838
Design & Development	\$12	\$12	\$66
Administration, Management and Technical Assistance <sup>[1]</sup>	\$353	\$353	\$7,135
Marketing	\$87	\$87	\$764
Subtotal EDC Implementation Costs	\$451	\$451	\$7,965
EDC Evaluation Costs	\$32	\$32	\$125
SWE Audit Costs	\$45	\$45	\$329
Total EDC Costs <sup>[2]</sup>	\$1,215	\$1,215	\$14,257
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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>&</sup>lt;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

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.

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

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

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Design & Development	\$11	\$11	\$59
Administration, Management and Technical Assistance <sup>[1]</sup>	\$460	\$460	\$4,606
Marketing	\$0	\$0	\$17
Subtotal EDC Implementation Costs	\$472	\$472	\$4,682
EDC Evaluation Costs	\$26	\$26	\$187
SWE Audit Costs	\$41	\$41	\$295
Total EDC Costs <sup>[2]</sup>	\$539	\$539	\$5,163
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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>&</sup>lt;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

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

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

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

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

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$177	\$177	\$2,119
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$177	\$177	\$2,119
Design & Development	\$5	\$5	\$28
Administration, Management and Technical Assistance <sup>[1]</sup>	\$176	\$176	\$1,699
Marketing	\$32	\$32	\$242
Subtotal EDC Implementation Costs	\$213	\$213	\$1,969
EDC Evaluation Costs	\$43	\$43	\$199
SWE Audit Costs	\$19	\$19	\$138
Total EDC Costs <sup>[2]</sup>	\$452	\$452	\$4,424
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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.

¹ 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>&</sup>lt;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.

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

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

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$55	\$55	\$395
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$55	\$55	\$395
Design & Development	\$2	\$2	\$12
Administration, Management and Technical Assistance <sup>[1]</sup>	\$84	\$84	\$775
Marketing	\$24	\$24	\$172
Subtotal EDC Implementation Costs	\$110	\$110	\$959
EDC Evaluation Costs	\$3	\$3	\$25
SWE Audit Costs	\$8	\$8	\$59
Total EDC Costs <sup>[2]</sup>	\$176	\$176	\$1,437
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			
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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.

¹ 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>&</sup>lt;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.

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

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

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$167	\$167	\$2,365
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$167	\$167	\$2,365
Design & Development	\$2	\$2	\$9
Administration, Management and Technical Assistance <sup>[1]</sup>	\$68	\$68	\$682
Marketing	\$10	\$10	\$79
Subtotal EDC Implementation Costs	\$80	\$80	\$770
EDC Evaluation Costs	\$78	\$78	\$334
SWE Audit Costs	\$6	\$6	\$44
Total EDC Costs <sup>[2]</sup>	\$330	\$330	\$3,513
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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.

¹ 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>&</sup>lt;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.

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

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

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$0	\$0	\$568
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$568
Design & Development	\$1	\$1	\$7
Administration, Management and Technical Assistance <sup>[1]</sup>	\$43	\$43	\$424
Marketing	\$8	\$8	\$57
Subtotal EDC Implementation Costs	\$52	\$52	\$488
EDC Evaluation Costs	\$4	\$4	\$38
SWE Audit Costs	\$5	\$5	\$33
Total EDC Costs <sup>[2]</sup>	\$60	\$60	\$1,127
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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.

¹ 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>&</sup>lt;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.

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

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	\$3	\$3	\$57
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$3	\$3	\$57
Design & Development	\$1	\$1	\$5
Administration, Management and Technical Assistance <sup>[1]</sup>	\$27	\$27	\$338
Marketing	\$6	\$6	\$42
Subtotal EDC Implementation Costs	\$34	\$34	\$384
EDC Evaluation Costs	\$2	\$2	\$11
SWE Audit Costs	\$3	\$3	\$25
Total EDC Costs <sup>[2]</sup>	\$43	\$43	\$478
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			
NOTES			<u> </u>

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

<sup>&</sup>lt;sup>1</sup> Total TRC Costs = Total EDC Costs + Participant Costs