# 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 Power Company and ADM Associates, Inc.

For

Pennsylvania Power Company Docket No. M-2012-2334395 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
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 Pennsylvania Power Company (Penn Power 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**

Penn Power has achieved 96.2 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 119.8 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.

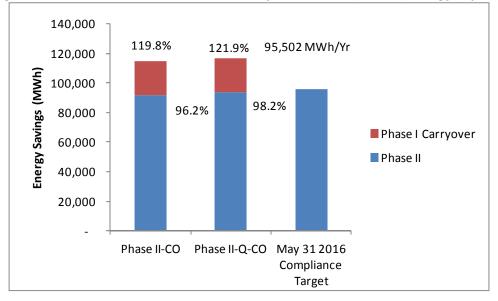
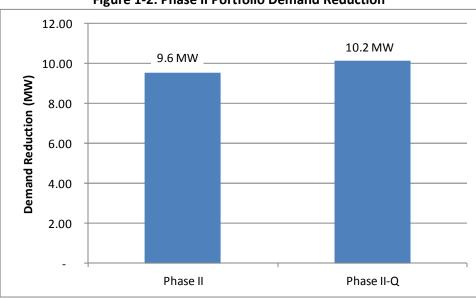


Figure 1-1: Cumulative Portfolio Phase 2 Inception to Date (Phase II) Energy Impacts

<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.



Penn Power has achieved 10.2 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 Penn Power territory which is 10.6%.<sup>5</sup> The Phase II reported gross energy savings achieved in the low-income sector is 11,049 MWh/yr<sup>6</sup>; this is 12.0% percent of the Phase II total portfolio reported gross energy savings. This exceeds the goal of 4.5% of the Phase II savings.

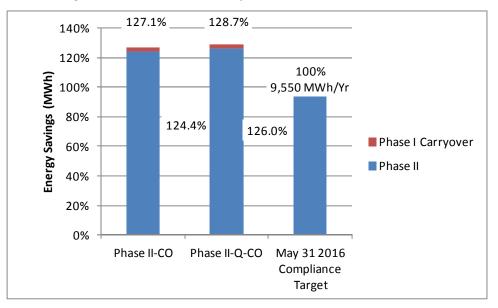
Penn Power has also achieved 124.4% of the May 31, 2016, energy reduction compliance target for government, nonprofit and institutional sector, based on Phase II reported gross energy savings, and

<sup>&</sup>lt;sup>4</sup> 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.

127.1% 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.





#### 1.2 Program Updates and Findings

#### • Appliance Turn-in:

565 appliances were picked up and recycled during P76Q1. Retail store visits were conducted during this period at Sears Department Stores across the territory to educated employees about the benefits of this program. During this period, 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, 62 homes were completed under the program. Program participation in Penn Power remains steady.

Online Audit: Penn Power continues to send Energy Conservation Kits to customers as a result of completing an Online Audit. During PY7Q1, over 130 kits were delivered to Penn Power customers.

Comprehensive Audit: The program continues to recruit new contractors into program and market program to customers. The program continues to host bi-monthly program webinars with contractors to go over best practices and program updates.

Behavior Modification: Approximately 35,000 customers across Penn Power'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.

Opt-in Kits: During PY7Q1, over 1,100 Opt-In Kits were delivered to customers in Penn Power 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 3,440 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 Penn Power 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: Procedures for coordination with Peoples Gas and the WARM Program have been finalized and all aspects of joint delivery are underway.

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

#### • C/I Small Energy Efficient Equipment:

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

- a. Increase participating 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.

Penn Power continues to receive and process applications under Phase II for this program. The ICSP continues with its past strategy to conduct outreach campaign through program ally network, direct marketing and one-on-one outreach by the program staff.

#### • C/I Small Energy Efficient Buildings:

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

a. Increase participating 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 continues with its outreach and marketing efforts that are focused on direct marketing to building owners/operators, design/build contractors, and engineering and architectural firms by promoting the Building Program Guidelines document plus number of marketing pieces that are targeted at professionals and decision makers in this market segment. Based on the year-to-date results, the ICSP has revised its 60-Day outlook marketing plan to build a momentum in this program. An uptick in new project applications coming through this program are also a result of outreach to upstream program allies. No kits were shipped to customers this quarter.

#### • C/I Large Energy Efficient Equipment:

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

- a. Increase participating 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.

Penn Power continues to receive and process applications under Phase II. The ICSP markets this program through trade ally network and 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 Penn Power region in September and October, 2015. The main focus of these events:

- a. Increase participating 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;
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#### • Government & Institutional:

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

- a. Increase participating 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-onone 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 nonresidential projects with ex ante savings above 500 MWh and other nonresidential projects with ex ante savings above 500 MWh and other nonresidential 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.

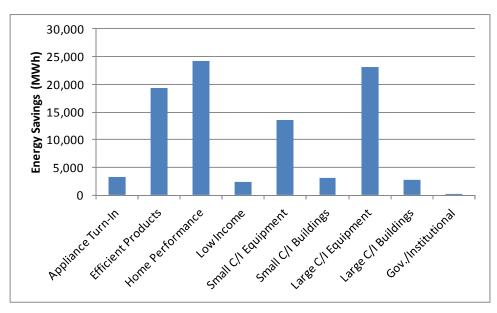
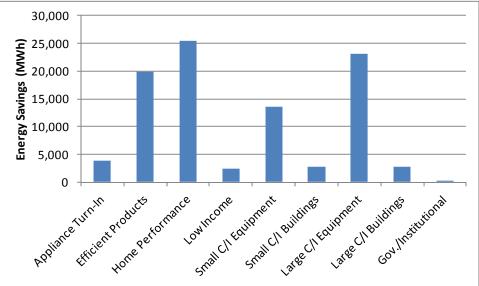


Figure 2-1: Phase II Reported Gross Energy Savings by Program





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)

						ross Impact	
	Participants				(MWh		Phase II-
Program	IQ	PYTD	Phase II	IQ	PYTD	Phase II	<b>Q</b> <sup>7</sup>
Appliance Turn-In	565	565	4,077	645	645	3,353	3,831
Energy Efficient Products	5,703	5,703	166,438	474	474	19,329	19,866
Home Performance	796	796	70,995	1,967	1,967	24,247	25,464
Low Income / WARM	198	198	7,779	90	90	2,314	2,305
C/I Small Energy Efficient Equipment	31	31	251	1,476	1,476	13,622	13,646
C/I Small Energy Efficient Buildings	41	41	1,901	29	29	3,121	2,715
C/I Large Energy Efficient Equipment	2	2	32	258	258	23,050	23,196
C/I Large Energy Efficient Buildings	1	1	9	2,640	2,640	2,668	2,668
Government, & Institutional	0	0	2	0	0	136	136
TOTAL PORTFOLIO	7,337	7,337	251,484	7,578	7,578	91,837	93,826
Carry Over Savings from Phase I <sup>8</sup>							22,580
Total Phase II-Q-CO							116,406

<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.

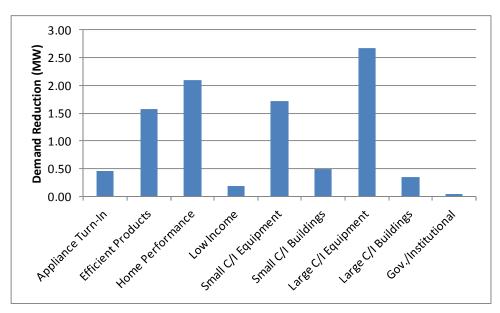
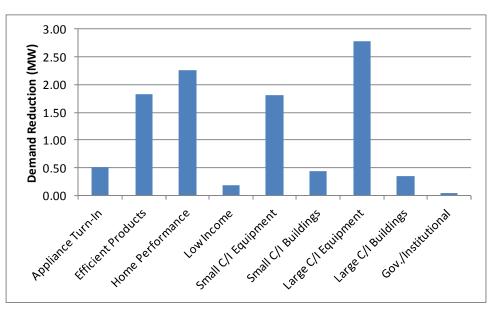


Figure 3-1: Phase II Demand Reduction by Program

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.

				Reported Gross Impact			
	F	Participants		(MW)			
Program	IQ	PYTD	Phase II	IQ	PYTD	Phase II	Phase II- Q <sup>9</sup>
Appliance Turn-In	565	565	4,077	0.08	0.08	0.45	0.50
Energy Efficient Products	5,703	5,703	166,438	0.08	0.08	1.56	1.83
Home Performance	796	796	70,995	0.99	0.99	2.09	2.25
Low Income / WARM	198	198	7,779	0.01	0.01	0.18	0.18
C/I Small Energy Efficient Equipment	31	31	251	0.17	0.17	1.72	1.81
C/I Small Energy Efficient Buildings	41	41	1,901	0.01	0.01	0.50	0.43
C/I Large Energy Efficient Equipment	2	2	32	0.02	0.02	2.67	2.77
C/I Large Energy Efficient Buildings	1	1	9	0.33	0.33	0.34	0.34
Government, & Institutional	0	0	2	0.00	0.00	0.04	0.04
TOTAL PORTFOLIO	7,337	7,337	251,484	1.68	1.68	9.56	10.16

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

<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.

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$458	\$458	\$5,125
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$458	\$458	\$5,125
Design & Development	\$12	\$12	\$51
Administration, Management and Technical Assistance <sup>[1]</sup>	\$456	\$456	\$5,695
Marketing	\$50	\$50	\$557
Subtotal EDC Implementation Costs	\$518	\$518	\$6,303
EDC Evaluation Costs	\$77	\$77	\$381
SWE Audit Costs	\$42	\$42	\$668
Total EDC Costs <sup>[2]</sup>	\$1,095	\$1,095	\$12,477
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	\$29	\$29	\$247
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$29	\$29	\$247
Design & Development	\$1	\$1	\$4
Administration, Management and Technical Assistance <sup>[1]</sup>	\$49	\$49	\$385
Marketing	\$14	\$14	\$106
Subtotal EDC Implementation Costs	\$64	\$64	\$495
EDC Evaluation Costs	\$3	\$3	\$12
SWE Audit Costs	\$3	\$3	\$54
Total EDC Costs <sup>[2]</sup>	\$100	\$100	\$808
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>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.

Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
\$79	\$79	\$1,047
\$0	\$0	\$0
\$79	\$79	\$1,047
\$1	\$1	\$4
\$5	\$5	\$674
\$0	\$0	\$42
\$6	\$6	\$721
\$11	\$11	\$52
\$3	\$3	\$52
\$100	\$100	\$1,870
	(\$1,000) \$79 \$0 <b>\$79</b> \$1 \$5 \$0 <b>\$6</b> \$11 \$11 \$3	(\$1,000)   (\$1,000)     \$79   \$79     \$0   \$0     \$79   \$79     \$1   \$1     \$5   \$5     \$0   \$0     \$1   \$1     \$5   \$5     \$0   \$0     \$1   \$1     \$5   \$5     \$0   \$0     \$1   \$1     \$2   \$3

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

#### 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.

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$109	\$109	\$1,945
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$109	\$109	\$1,945
Design & Development	\$3	\$3	\$13
Administration, Management and Technical Assistance <sup>[1]</sup>	\$96	\$96	\$1,877
Marketing	\$13	\$13	\$220
Subtotal EDC Implementation Costs	\$112	\$112	\$2,110
EDC Evaluation Costs	\$10	\$10	\$39
SWE Audit Costs	\$11	\$11	\$170
Total EDC Costs <sup>[2]</sup>	\$242	\$242	\$4,264
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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

#### 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.

	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	\$4	\$4	\$17
Administration, Management and Technical Assistance <sup>[1]</sup>	\$133	\$133	\$1,163
Marketing	\$0	\$0	\$2
Subtotal EDC Implementation Costs	\$138	\$138	\$1,182
EDC Evaluation Costs	\$9	\$9	\$74
SWE Audit Costs	\$14	\$14	\$221
Total EDC Costs <sup>[2]</sup>	\$160	\$160	\$1,476
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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

#### 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.

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$93	\$93	\$633
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$93	\$93	\$633
Design & Development	\$2	\$2	\$7
Administration, Management and Technical Assistance <sup>[1]</sup>	\$84	\$84	\$783
Marketing	\$12	\$12	\$87
Subtotal EDC Implementation Costs	\$97	\$97	\$877
EDC Evaluation Costs	\$15	\$15	\$68
SWE Audit Costs	\$6	\$6	\$89
Total EDC Costs <sup>[2]</sup>	\$211	\$211	\$1,667
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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

#### 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.

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$2	\$2	\$242
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$2	\$2	\$242
Design & Development	\$1	\$1	\$2
Administration, Management and Technical Assistance <sup>[1]</sup>	\$29	\$29	\$251
Marketing	\$4	\$4	\$46
Subtotal EDC Implementation Costs	\$34	\$34	\$299
EDC Evaluation Costs	\$1	\$1	\$8
SWE Audit Costs	\$2	\$2	\$29
Total EDC Costs <sup>[2]</sup>	\$38	\$38	\$578
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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

#### 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.

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$13	\$13	\$865
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$13	\$13	\$865
Design & Development	\$0	\$0	\$2
Administration, Management and Technical Assistance <sup>[1]</sup>	\$18	\$18	\$305
Marketing	\$3	\$3	\$23
Subtotal EDC Implementation Costs	\$21	\$21	\$330
EDC Evaluation Costs	\$26	\$26	\$113
SWE Audit Costs	\$1	\$1	\$21
Total EDC Costs <sup>[2]</sup>	\$62	\$62	\$1,329
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			
		1	1

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

#### 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.

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$132	\$132	\$134
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$132	\$132	\$134
Design & Development	\$0	\$0	\$1
Administration, Management and Technical Assistance <sup>[1]</sup>	\$32	\$32	\$155
Marketing	\$2	\$2	\$17
Subtotal EDC Implementation Costs	\$35	\$35	\$174
EDC Evaluation Costs	\$1	\$1	\$13
SWE Audit Costs	\$1	\$1	\$18
Total EDC Costs <sup>[2]</sup>	\$169	\$169	\$338
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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

#### 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.

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$0	\$0	\$14
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$14
Design & Development	\$0	\$0	\$1
Administration, Management and Technical Assistance <sup>[1]</sup>	\$8	\$8	\$101
Marketing	\$2	\$2	\$13
Subtotal EDC Implementation Costs	\$11	\$11	\$115
EDC Evaluation Costs	\$1	\$1	\$4
SWE Audit Costs	\$1	\$1	\$14
Total EDC Costs <sup>[2]</sup>	\$12	\$12	\$147
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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

#### 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.