# Quarterly Report to the Pennsylvania Public Utility Commission

For the Period
June 1, 2013 through August 31, 2013
Program Year 5, 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, 2013

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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 Conservation Service Provider or 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

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 Se	asonal Energy Efficie	ency Rating
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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. Each EDC filed new EE&C plans with the PA PUC in late 2012 for Phase II (June 2013 through May 2016) of the Act 129 programs. 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) in the 1st quarter of Program Year 5 (PY5), defined as June 1, 2013 through August 31, 2013, as well as the cumulative accomplishments of the programs since inception of Phase II. This report documents the energy savings carried over from Phase I that will be applied towards EDC savings compliance targets for Phase II. The Phase I carryover values as listed in this quarterly report are preliminary and are subject to change until they are included in the Company's November 15, 2013 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 the savings. The verified savings for PY5 will be reported in the annual report, to be filed November 15, 2014.

## 1.1 Summary of Achievements

Penn Power has achieved 1.7 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 22.5 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 PY5) gross energy savings achieved through Quarter 1, as shown in Figure 1-1. (Phase II-Q)<sup>3</sup> is also shown in Figure 1-1.

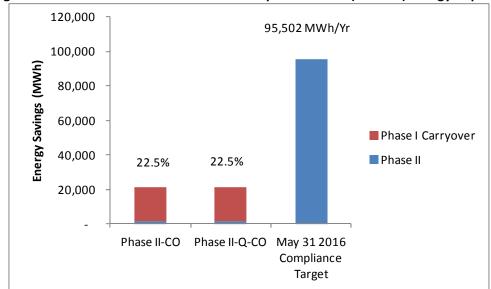


Figure 1-1: Cumulative Portfolio Phase 2 Inception to Date (Phase II) Energy Impacts

<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 preliminary information and is subject to change. Final results will be included in the Company's 11/15/2013 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 program year of Phase II (Program Year 5), Phase II-Q Savings and CPP2ITD Savings will be the same as no savings will be verified for Phase II until November, after the end of Program Year 5.

Penn Power has achieved 0.14 MW of demand reduction during PY5Q14.

Figure 1-2: Phase II Portfolio Demand Reduction

There are five measures available to the low-income sector at no cost to the customer. These measures offered to the low-income sector therefore comprise 12.8% 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 10.5%.<sup>5</sup> The Phase II reported gross energy savings achieved in the low-income sector is 215 MWh/yr<sup>6</sup>; this is 13.4% of the Phase II total portfolio reported gross energy savings. This exceeds the percentage required 4.5% of the Phase II goal.

Penn Power achieved 0.0% of the May 31, 2016, energy reduction compliance target for government, nonprofit and institutional sector, based on Phase II reported gross energy savings, and 0.4% of the target based on Phase II-Q-CO (or Phase II-CO until verified savings are available for PY5) gross energy savings achieved through Quarter 5, as shown in Figure 1-3.

<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).

<sup>&</sup>lt;sup>6</sup> These are preliminary estimates and are subject to change. Official results will be calculated through participant surveys. The survey instrument will be made available to SWE and other stakeholders for review.

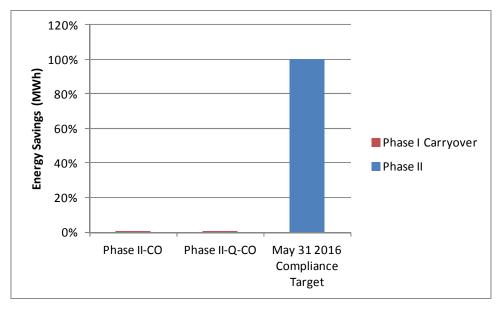


Figure 1-3: Government, Nonprofit, and Institutional Sectors

# 1.2 Program Updates and Findings

## • Appliance Turn-in:

Residential participation is slightly ahead of forecast through Q1. The marketing plan was implemented in early June. Three television stations aired commercials and 19 newspapers ran weekly advertisements. Small commercial appliance turn-in pick-ups began June 1st. The Company is developing cross marketing opportunities with the small commercial programs.

## • Energy Efficient Products:

The appliance, lighting, and HVAC sub-programs have been launched. Marketing materials and rebate forms have been completed and are available to customers. The Consumer Electronics Sub-program was launched in September.

#### • Home Performance:

New Construction: The Sub-program was implemented in June 2013 and is proceeding as planned.

Online Audit: The program continues on its existing platform. Work is beginning with the CSP to upgrade the Online Audit platform.

Comprehensive Audit: The program will launch in Mid-October.

Behavior Modification: A contract was signed for Phase II and submitted to the PUC for approval<sup>7</sup>. Company continues to monitor savings of Phase I participants and has begun work on IT interfaces with the CSP.

Opt-in Kits: A contract was signed for Phase II and was approved by the PUC on August 29, 2013. During this first quarter, program processes, call center scripting, and marketing materials were created.

Schools Kits: A vendor was selected and the contract is signed.

## • Low Income / Warm:

Prepared and conducted a 1-day WARM 3 (web based system used for tracking, managing and reporting of low-income programs) training session for new and current contractors. Also, provided an additional 1-day training session on the WARM Program Policies and Procedures.

## • C/I Small Energy Efficient Equipment:

This program has been in operation since June 1, 2013; Company continues to receive and process applications under Phase II. To manage this program in Phase II, Company has hired a new CSP and has started working with the vendor to take on the implementation responsibility.

## • C/I Small Energy Efficient Buildings:

This program has been in operation since June 1, 2013. To manage this program in Phase II, Company has hired a new CSP and has started working with the vendor to take on the implementation responsibility.

## • C/I Large Energy Efficient Equipment:

This program has been in operation since June 1, 2013; Company continues to receive and process applications under Phase II. To manage this program in Phase II, Company has hired a new CSP and has started working with the vendor to take on the implementation responsibility.

<sup>&</sup>lt;sup>7</sup> Behavior Modification program was subsequently approved on September 27, 2013.

## • C/I Large Energy Efficient Buildings:

This program has been in operation since June 1, 2013. To manage this program in Phase II, Company has hired a new CSP and has started working with the vendor to take on the implementation responsibility.

## • Government & Institutional:

This program has been in operation since June 1, 2013; Company continues to receive and process applications under Phase II. To manage this program in Phase II, Company has hired a new CSP and has started working with the vendor to take on the implementation responsibility.

# 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

The PY5 EM&V plan for each program was completed in early September. ADM has communicated to the implementation staff the data collection requirements and calculation procedures outlined in the 2013 PA TRM for measures offered under each program.

# **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.

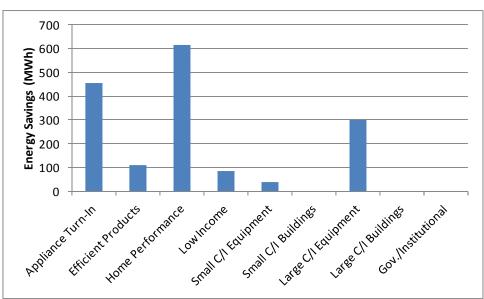
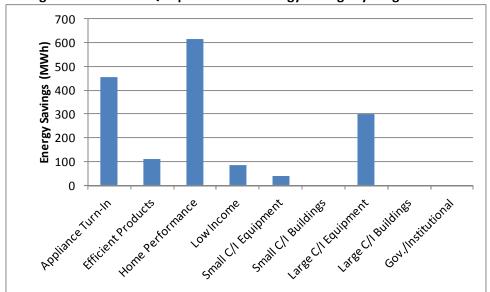


Figure 2-1: Phase II Reported Gross Energy Savings by Program

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



A summary of energy impacts by program through PY5Q1 is presented in Table 2-1.

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

				Reported Gross Impact			
	ı	Participant:	S	(MWh/Year)			
Posterior	10	DVTD	Disease II		DVTD		Phase
Program	IQ	PYTD	Phase II	IQ	PYTD	II	II-Q
Appliance Turn-In	576	576	576	455	455	455	455
Energy Efficient Products	513	513	513	111	111	111	111
Home Performance	28,243	28,243	28,243	616	616	616	616
Low Income / Warm	168	168	168	84	84	84	84
C/I Small Energy Efficient Equipment	11	11	11	39	39	39	39
C/I Small Energy Efficient Buildings	0	0	0	0	0	0	0
C/I Large Energy Efficient Equipment	1	1	1	299	299	299	299
C/I Large Energy Efficient Buildings	0	0	0	0	0	0	0
Government, & Institutional	0	0	0	0	0	0	0
TOTAL PORTFOLIO	29,512	29,512	29,512	1,603	1,603	1,603	1,603
Carry Over Savings from Phase I <sup>8</sup>							19,872
Total Phase II-Q-CO							21,475

<sup>&</sup>lt;sup>8</sup> The Phase I carryover values as listed in this quarterly report are preliminary and are subject to change until they are included in the Company's November 15, 2013 Final Phase I report to the Commission.

# 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.

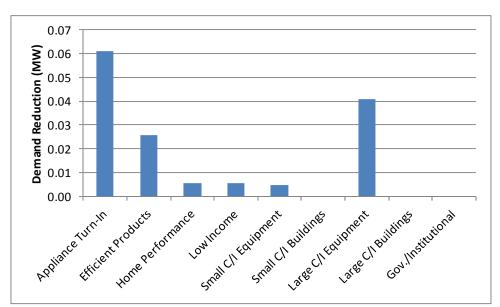
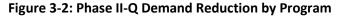
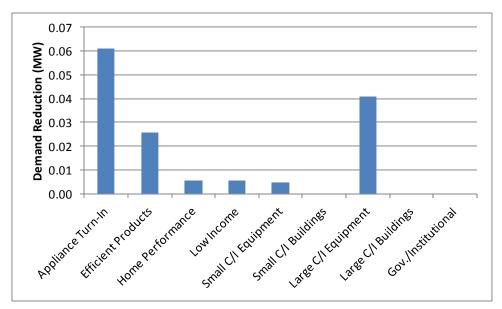


Figure 3-1: Phase II Demand Reduction by Program





A summary of total demand reduction impacts by program through PY5Q1 is presented in Table 3-1.

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

				Reported Gross Impact			
	F	Participants			(M)	N)	
Program	IQ	PYTD	Phase II	IQ	PYTD	Phase II	Phase II-Q
Appliance Turn-In	576	576	576	0.061	0.061	0.061	0.061
Energy Efficient Products	513	513	513	0.026	0.026	0.026	0.026
Home Performance	28,243	28,243	28,243	0.005	0.005	0.005	0.005
Low Income / Warm	168	168	168	0.005	0.005	0.005	0.005
C/I Small Energy Efficient Equipment	11	11	11	0.005	0.005	0.005	0.005
C/I Small Energy Efficient Buildings	0	0	0	0.000	0.000	0.000	0.000
C/I Large Energy Efficient Equipment	1	1	1	0.041	0.041	0.041	0.041
C/I Large Energy Efficient Buildings	0	0	0	0.000	0.000	0.000	0.000
Government, & Institutional	0	0	0	0.000	0.000	0.000	0.000
TOTAL PORTFOLIO	29,512	29,512	29,512	0.143	0.143	0.143	0.143

# 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	\$170	\$170	\$170
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$170	\$170	\$170
	\$15	\$15	\$15
Design & Development	\$12	\$15	\$12
Administration, Management and Technical Assistance <sup>[1]</sup>	\$156	\$156	\$156
Marketing	\$26	\$26	\$26
Subtotal EDC Implementation Costs	\$196	\$196	\$196
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs <sup>[2]</sup>	\$366	\$366	\$366
Participant Costs <sup>[3]</sup>	\$0	\$0	\$0
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.

¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, CSP program management, csp program management, csp 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.

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	\$32	\$32	\$32
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$32	\$32	\$32
Design & Development	\$1	\$1	\$1
Administration, Management and Technical Assistance <sup>[1]</sup>	\$51	\$51	\$51
Marketing	\$16	\$16	\$16
Subtotal EDC Implementation Costs	\$68	\$68	\$68
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs <sup>[2]</sup>	\$100	\$100	\$100
Participant Costs <sup>[3]</sup>	\$0	\$0	\$0
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 CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP progr

<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

Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
\$71	\$71	\$71
\$0	\$0	\$0
\$71	\$71	\$71
\$2	\$2	\$2
\$37	\$37	\$37
\$5	\$5	\$5
\$44	\$44	\$44
\$0	\$0	\$0
\$0	\$0	\$0
\$115	\$115	\$115
\$0	\$0	\$0
	\$71 \$0 \$71 \$2 \$37 \$5 \$44 \$0 \$0 \$115	(\$1,000)         (\$1,000)           \$71         \$71           \$0         \$0           \$71         \$71           \$2         \$2           \$37         \$37           \$5         \$5           \$44         \$44           \$0         \$0           \$115         \$115

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.

<sup>&</sup>lt;sup>1</sup> Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, CSP program 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

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	\$20	\$20	\$20
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$20	\$20	\$20
Design & Development	\$4	\$4	\$4
Administration, Management and Fechnical Assistance <sup>[1]</sup>	\$19	\$19	\$19
Marketing	\$5	\$5	\$5
Subtotal EDC Implementation Costs	\$28	\$28	\$28
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Fotal EDC Costs <sup>[2]</sup>	\$49	\$49	\$49
Participant Costs <sup>[3]</sup>	\$0	\$0	\$0
Fotal 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.

<sup>&</sup>lt;sup>1</sup> Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, CSP program management, cSP program 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 4-5: Summary of Program Finances – Res Low Income

	Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$44	\$44	\$44
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$44	\$44	\$44
Design & Development	\$3	\$3	\$3
Administration, Management and Fechnical Assistance <sup>[1]</sup>	\$14	\$14	\$14
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$17	\$17	\$17
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Fotal EDC Costs <sup>[2]</sup>	\$61	\$61	\$61
Participant Costs <sup>[3]</sup>	\$0	\$0	\$0
Fotal 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.

<sup>&</sup>lt;sup>1</sup> Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, CSP program 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

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	\$2	\$2	\$2
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$2	\$2	\$2
Design & Development	\$2	\$2	\$2
Administration, Management and Technical Assistance <sup>[1]</sup>	\$13	\$13	\$13
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$15	\$15	\$15
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs <sup>[2]</sup>	\$17	\$17	\$17
Participant Costs <sup>[3]</sup>	\$0	\$0	\$0
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.

<sup>&</sup>lt;sup>1</sup> Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, cSP 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

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	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Design & Development	\$1	\$1	\$1
Administration, Management and Technical Assistance <sup>[1]</sup>	\$1	\$1	\$1
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$1	\$1	\$1
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs <sup>[2]</sup>	\$1	\$1	\$1
Participant Costs <sup>[3]</sup>	\$0	\$0	\$0
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.

<sup>&</sup>lt;sup>1</sup> Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, CSP program 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

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	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Design & Development	\$1	\$1	\$1
Administration, Management and Technical Assistance <sup>[1]</sup>	\$2	\$2	\$2
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$3	\$3	\$3
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs <sup>[2]</sup>	\$3	\$3	\$3
Participant Costs <sup>[3]</sup>	\$0	\$0	\$0
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.

<sup>&</sup>lt;sup>1</sup> Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, CSP program 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 4-9: Summary of Program Finances – Large C/I Efficient Buildings

Quarter 1 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
\$0	\$0	\$0
\$0	\$0	\$0
\$0	\$0	\$0
\$1	\$1	\$1
\$0	\$0	\$0
\$0	\$0	\$0
\$1	\$1	\$1
\$0	\$0	\$0
\$0	\$0	\$0
\$1	\$1	\$1
\$0	\$0	\$0
	\$0 \$0 \$0 \$0 \$1 \$0 \$1 \$0 \$1 \$0 \$1	(\$1,000)         (\$1,000)           \$0         \$0           \$0         \$0           \$0         \$0           \$1         \$1           \$0         \$0           \$1         \$1           \$0         \$0           \$0         \$0           \$1         \$1           \$2         \$2           \$3         \$4           \$4         \$4           \$5         \$6           \$1         \$1           \$2         \$3           \$3         \$4           \$4         \$5           \$5         \$6           \$6         \$6           \$6         \$6           \$6         \$6           \$6         \$6           \$6         \$6           \$6         \$6           \$6         \$6           \$6         \$6           \$6         \$6           \$6         \$6           \$6         \$6           \$6         \$6           \$6         \$6           \$6         \$6           \$6         \$6           \$6

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.

<sup>&</sup>lt;sup>1</sup> Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP progr

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

	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	\$0	\$0	\$0
Administration, Management and Technical Assistance <sup>[1]</sup>	\$18	\$18	\$18
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$18	\$18	\$18
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs <sup>[2]</sup>	\$18	\$18	\$18
Participant Costs <sup>[3]</sup>	\$0	\$0	\$0
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.

<sup>&</sup>lt;sup>1</sup> Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, CSP program 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