# Quarterly Report to the Pennsylvania Public Utility Commission

# For the Period September 1, 2015 through November 30, 2015 Program Year 7, Quarter 2

For Pennsylvania Act 129 of 2008 Energy Efficiency and Conservation Plan

Prepared by Metropolitan Edison Company and ADM Associates, Inc.

For

Metropolitan Edison Company
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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, 2014 to May 31, 2015
PY7 Program Year 2015, from June 1, 2015 to May 31, 2016
PY8 Program Year 2016, from June 1, 2016 to May 31, 2017

PYX QX	Program Year X, Quarter X
PYTD	Program Year to Date

SEER Seasonal Energy Efficiency Rating

SWE Statewide Evaluator TRC Total Resource Cost

TRM Technical Reference Manual

# 1 Overview of Portfolio

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

Implementation of Phase II of the Act 129 programs began on June 1, 2013. This report documents the progress and effectiveness of the Phase II EE&C accomplishments for Metropolitan Edison Company (Met-Ed or Company) in the 2nd quarter of Program Year 7 (PY7), defined as September 1, 2015 through November 30, 2015, as well as the cumulative accomplishments of the programs since inception of Phase II. This report also includes the energy savings carried over from Phase I that will be applied towards the Company's savings compliance targets for Phase II. The Phase I carryover values as listed in this quarterly report are based on the Company's Final Phase I report to the Commission.

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

# 1.1 Summary of Achievements

Met-Ed has achieved 87.6 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 101.3 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 PY7Q2, as shown in Figure 1-1. (Phase II-Q)<sup>3</sup> is also shown in Figure 1-1.

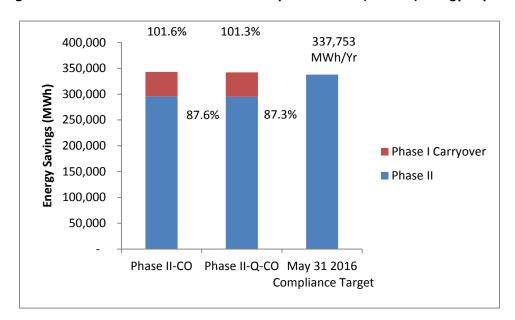


Figure 1-1: Cumulative Portfolio Phase 2 Inception to Date (Phase II) Energy Impacts

<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.

Figure 1-2: Phase II Portfolio Demand Reduction 40.00 37.8 MW 34.4 MW 35.00 Demand Reduction (MW) 30.00 25.00 20.00 15.00 10.00 5.00 Phase II Phase II-Q

Met-Ed has achieved 37.8 MW of demand reduction through PY7Q24.

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 lowincome households divided by the total electricity consumption in the Met-Ed territory which is 8.8%.5 The Phase II reported gross energy savings achieved in the low-income sector is 36,098 MWh/yr<sup>6</sup>; this is 12.2% percent of the Phase II total portfolio reported gross energy savings. This exceeds the goal of 4.5% of the Phase II savings.

Met-Ed has also achieved 58.9% of the May 31, 2016, energy reduction compliance target for government, nonprofit and institutional sector, based on Phase II reported gross energy savings, and 77.6% of the

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

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

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

target based on Phase II-Q-CO (or Phase II-CO until verified savings are available for PY6) gross energy savings achieved through PY7Q2, as shown in Figure 1-3.

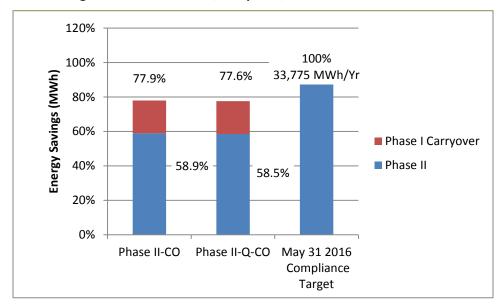


Figure 1-3: Government, Nonprofit, and Institutional Sectors

# 1.2 Program Updates and Findings

# • Appliance Turn-in:

On November 23, 2015, JACO Environmental unexpectedly ceased appliance recycling operations. The Company is working to ensure that all customer owed rebates are paid. Prior to the program suspension, over 1,600 appliances were picked up and recycled during PY7Q2.

### • Energy Efficient Products:

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

### Home Performance:

New Construction: During the quarter, 45 homes were completed under the program. Progress toward savings goals remain steady.

Online Audit: The Company continues to send Energy Conservation Kits to customers as a result of completing an Online Audit. During PY7Q2, over 1,100 kits were delivered to Met-Ed customers.

Comprehensive Audit: The program continues to track above goal in Met-Ed primarily due to the work being performed by a particular contractor. The Company continues to recruit new contractors into program and market the program to customers. Bi-monthly program webinars are also hosted with contractors to go over best practices and program updates.

Behavior Modification: Approximately 210,000 customers across Met-Ed service territory receive Home Energy Reports. These reports show a customer's energy usage, highlight PA Act 129 approved programs, and provide tips to help save energy. Reports received in November, highlighted a campaign titled "Winter of 68." This will show the benefits of having a thermostat set to 68 degrees over a series of reports.

Opt-in Kits: During PY7Q2, over 23,600 Opt-In Kits were delivered to customers in Met-Ed upon enrollment into the program.

Schools Education and Kits: Final performances of the "Energized Guyz" for Phase II were completed in November 2014 and requested kits were shipped through January 2015. Over 12,800 students participated in the School Education program from inception to date.

# Low Income / WARM:

The Program continued its marketing efforts to identify and reach income-qualified customers in the Met-Ed territory during PY7Q2.

Contracts were awarded to three Quality Assurance vendors that bid on the Request for Proposal (RFP) for Quality Assurance Inspectors. The successful bidders were Pure Energy Coach, ACTION Housing, and Performance Systems Development (PSD). Their work will begin January 1, 2016.

The Met-Ed Annual Contractors meeting was held in September and was attended by more than 30 contractors. Topics included PA Act 129 updates, procedure changes, new measures, etc.

Performance reviews were conducted with WARM installation contractors by program administrators to assess their workmanship during the past year.

Staff attended the PUC Be Utility Wise event held in October to explain Met-Ed's low-income programs to social service agencies.

WARM Extra Measures/WARM Plus: One heat pump water heater installation was completed in the Met-Ed area during PY7Q2.

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

# • C/I Small Energy Efficient Equipment:

Met-Ed continues to receive and process applications under Phase II for this program. This quarter, the ICSP held five (5) outreach events across the Met-Ed region in September, October and November, 2015. The main focus of these events is to:

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

### C/I Small Energy Efficient Buildings:

This quarter, Met-Ed has shipped out 1,597 kits to customers in this program. This quarter, the ICSP held five (5) outreach events across the Met-Ed region in September, October and November, 2015. The main focus of these events is to:

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

# • C/I Large Energy Efficient Equipment:

Met-Ed continues to receive and process applications under Phase II. This quarter, the ICSP held five (5) outreach events across the Met-Ed region in September, October and November, 2015. The main focus of these events is to:

- 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 promoted these outreach events via the Program website, e-Blast, program ally newsletter and EnergyLine newsletter. The Company also utilized 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.

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

### Government & Institutional:

Met-Ed continues to receive and process applications under Phase II. To increase participation in this program, the ICSP developed and received approval to roll out a GNI bonus campaign that was launched August 1, 2015 and runs through January 31, 2016. The ICSP is promoting this bonus campaign via the Program website, e-Blast, program ally newsletter and EnergyLine newsletter. The Company promoted this bonus campaign at all five (5) outreach events across the Met-Ed region. The Company also had Customer Support Account Mangers and Area Managers promoting this campaign to assigned accounts & GNI customers. The Direct Install (DI) program that was launched is now fully operational. In PY7Q2, the ICSP trained 13 DI contractors who are working directly with small and medium GNI customers.

# 1.3 Evaluation Updates and Findings

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

ADM has communicated to the Company's implementation staff the data collection requirements and calculation procedures outlined in the 2015 PA TRM for measures offered under each program. Nonresidential lighting projects with ex ante savings above 800 MWh and other nonresidential projects with ex ante savings above 400 MWh are sampled with certainty and evaluated on an ongoing basis by ADM. Nonresidential lighting projects with ex ante savings above 500 MWh and other nonresidential projects with ex ante savings above 250 MWh are reviewed for evaluability on an ongoing basis by ADM, and data acquisition requirements for these projects are communicated to the ICSP. ADM has pulled initial samples for all nonresidential programs. On-site inspections for sampled nonresidential projects are expected to start in February 2016.

# **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.

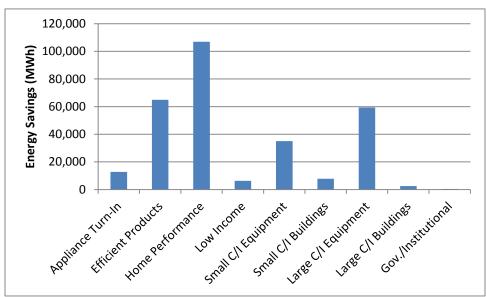
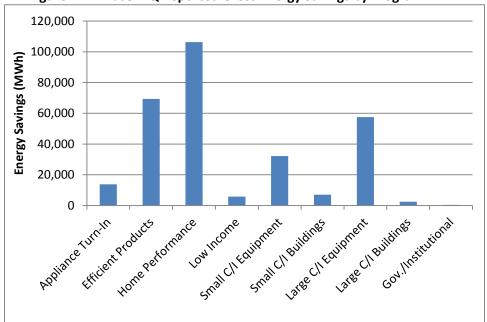


Figure 2-1: Phase II Reported Gross Energy Savings by Program

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



A summary of energy impacts by program through PY7Q2 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	1,655	3,695	14,782	1,707	3,829	12,726	13,793
Energy Efficient Products	75,750	117,107	576,543	4,970	9,000	64,930	69,384
Home Performance	24,867	35,149	370,738	15,580	30,810	106,901	106,306
Low Income / WARM	450	812	18,176	260	472	6,275	5,812
C/I Small Energy Efficient Equipment	123	286	959	2,766	7,622	35,016	32,192
C/I Small Energy Efficient Buildings	1,614	2,954	6,368	2,361	3,842	7,780	7,063
C/I Large Energy Efficient Equipment	50	92	276	5,881	11,538	59,412	57,504
C/I Large Energy Efficient Buildings	9	15	56	1,649	1,910	2,461	2,475
Government, & Institutional	2	6	23	13	87	438	384
TOTAL PORTFOLIO	104,520	160,116	987,921	35,187	69,111	295,939	294,912
Carry Over Savings from Phase I <sup>8</sup>							47,187
Total Phase II-Q-CO							342,099

<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.

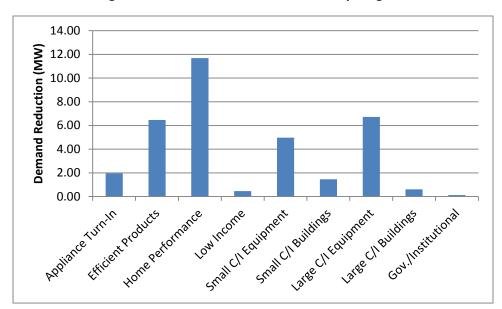
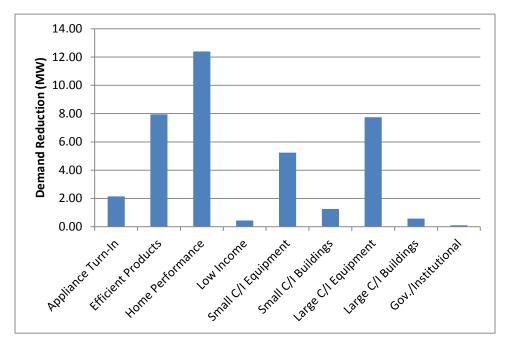


Figure 3-1: Phase II Demand Reduction by Program





A summary of total demand reduction impacts by program through PY7Q2 is presented in Table 3-1.

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

					Reported Gr	ross Impact	
		Participants			(M)	N)	
Program	IQ	PYTD	Phase II	IQ	PYTD	Phase II	Phase II-Q <sup>9</sup>
Appliance Turn-In	1,655	3,695	14,782	0.22	0.50	1.96	2.15
Energy Efficient Products	75,750	117,107	576,543	0.80	1.43	6.46	7.95
Home Performance	24,867	35,149	370,738	7.68	8.14	11.69	12.39
Low Income / WARM	450	812	18,176	0.03	0.05	0.46	0.44
C/I Small Energy Efficient Equipment	123	286	959	0.48	1.11	4.97	5.23
C/I Small Energy Efficient Buildings	1,614	2,954	6,368	0.40	0.64	1.45	1.25
C/I Large Energy Efficient Equipment	50	92	276	0.84	1.43	6.72	7.74
C/I Large Energy Efficient Buildings	9	15	56	0.31	0.37	0.61	0.57
Government, & Institutional	2	6	23	0.01	0.03	0.12	0.11
TOTAL PORTFOLIO	104,520	160,116	987,921	10.76	13.70	34.44	37.83

<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 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$2,546	\$4,549	\$18,894
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$2,546	\$4,549	\$18,894
Design & Development	\$51	\$92	\$284
Administration, Management and Technical Assistance <sup>[1]</sup>	\$1,582	\$3,166	\$20,539
Marketing	\$238	\$486	\$2,293
Subtotal EDC Implementation Costs	\$1,870	\$3,744	\$23,116
EDC Evaluation Costs	\$251	\$518	\$1,559
SWE Audit Costs	\$122	\$263	\$1,189
Total EDC Costs <sup>[2]</sup>	\$4,788	\$9,074	\$44,758
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.

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

# 4.2 Program Level Expenditures

Program-specific finances are shown in the following tables.

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

	Quarter 2 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$91	\$204	\$815
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$91	\$204	\$815
Design & Development	\$4	\$8	\$23
Administration, Management and Technical Assistance <sup>[1]</sup>	\$114	\$305	\$1,395
Marketing	\$36	\$90	\$390
Subtotal EDC Implementation Costs	\$154	\$403	\$1,808
EDC Evaluation Costs	\$6	\$16	\$46
SWE Audit Costs	\$10	\$22	\$98
Total EDC Costs <sup>[2]</sup>	\$262	\$644	\$2,767
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 2 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$560	\$937	\$4,266
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$560	\$937	\$4,266
Design & Development	\$5	\$10	\$30
Administration, Management and Technical Assistance <sup>[1]</sup>	\$195	\$375	\$2,598
Marketing	\$30	\$58	\$336
Subtotal EDC Implementation Costs	\$230	\$443	\$2,965
EDC Evaluation Costs	\$63	\$101	\$240
SWE Audit Costs	\$13	\$28	\$126
Total EDC Costs <sup>[2]</sup>	\$867	\$1,508	\$7,597
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>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs

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 2 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$1,046	\$1,818	\$7,824
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$1,046	\$1,818	\$7,824
Design & Development	\$16	\$29	\$92
Administration, Management and Technical Assistance <sup>[1]</sup>	\$403	\$772	\$8,085
Marketing	\$78	\$154	\$839
Subtotal EDC Implementation Costs	\$498	\$955	\$9,016
EDC Evaluation Costs	\$47	\$83	\$192
SWE Audit Costs	\$39	\$85	\$383
Total EDC Costs <sup>[2]</sup>	\$1,630	\$2,940	\$17,416
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>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs

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.

<sup>&</sup>lt;sup>8</sup> 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 2 (\$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	\$11	\$19	\$60
Administration, Management and Technical Assistance <sup>[1]</sup>	\$332	\$679	\$3,603
Marketing	\$0	\$1	\$7
Subtotal EDC Implementation Costs	\$343	\$699	\$3,670
EDC Evaluation Costs	\$32	\$70	\$301
SWE Audit Costs	\$26	\$56	\$251
Total EDC Costs <sup>[2]</sup>	\$399	\$823	\$4,219
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

<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

<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 2 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$201	\$455	\$2,032
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$201	\$455	\$2,032
Design & Development	\$6	\$11	\$35
Administration, Management and Technical Assistance <sup>[1]</sup>	\$206	\$415	\$2,051
Marketing	\$35	\$70	\$296
Subtotal EDC Implementation Costs	\$247	\$496	\$2,381
EDC Evaluation Costs	\$35	\$84	\$256
SWE Audit Costs	\$15	\$33	\$147
Total EDC Costs <sup>[2]</sup>	\$497	\$1,067	\$4,817
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>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs

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.

<sup>&</sup>lt;sup>8</sup> 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 2 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$151	\$280	\$521
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$151	\$280	\$521
Design & Development	\$2	\$4	\$12
Administration, Management and Technical Assistance <sup>[1]</sup>	\$81	\$163	\$751
Marketing	\$27	\$51	\$161
Subtotal EDC Implementation Costs	\$111	\$218	\$924
EDC Evaluation Costs	\$4	\$7	\$29
SWE Audit Costs	\$5	\$11	\$51
Total EDC Costs <sup>[2]</sup>	\$270	\$516	\$1,524
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>8</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 2 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
\$362	\$696	\$3,226
\$0	\$0	\$0
\$362	\$696	\$3,226
\$3	\$6	\$18
\$154	\$288	\$1,348
\$17	\$35	\$152
\$175	\$328	\$1,518
\$57	\$144	\$435
\$8	\$16	\$74
\$601	\$1,185	\$5,252
	\$362 \$0 \$362 \$362 \$3 \$154 \$17 \$175 \$57 \$8	(\$1,000)     (\$1,000)       \$362     \$696       \$0     \$0       \$362     \$696       \$3     \$6       \$154     \$288       \$17     \$35       \$175     \$328       \$57     \$144       \$8     \$16

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.

<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 2 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$135	\$154	\$186
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$135	\$154	\$186
Design & Development	\$2	\$3	\$9
Administration, Management and Technical Assistance <sup>[1]</sup>	\$78	\$127	\$501
Marketing	\$9	\$17	\$75
Subtotal EDC Implementation Costs	\$88	\$147	\$584
EDC Evaluation Costs	\$5	\$10	\$48
SWE Audit Costs	\$4	\$8	\$37
Total EDC Costs <sup>[2]</sup>	\$233	\$320	\$856
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>4</sup> Total TRC Costs = Total EDC Costs + Participant Costs

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.

<sup>&</sup>lt;sup>8</sup> 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 2 (\$1,000)	PYTD (\$1,000)	Phase II (\$1,000)
EDC Incentives to Participants	\$2	\$7	\$26
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$2	\$7	\$26
Design & Development	\$1	\$2	\$5
Administration, Management and Technical Assistance <sup>[1]</sup>	\$18	\$43	\$207
Marketing	\$5	\$10	\$38
Subtotal EDC Implementation Costs	\$24	\$54	\$250
EDC Evaluation Costs	\$2	\$4	\$13
SWE Audit Costs	\$2	\$5	\$21
Total EDC Costs <sup>[2]</sup>	\$30	\$70	\$310
Participant Costs <sup>[3]</sup>			
Total TRC Costs <sup>[4]</sup>			

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.

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.

<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

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