

Quarterly Report to the Pennsylvania Public Utility Commission

**For the Period
June 2014 through August 2014
Program Year 6, Quarter 1**

For Pennsylvania Act 129 of 2008
Energy Efficiency and Conservation Plan

Prepared by The Cadmus Group, Inc.

For

PPL Electric

October 15, 2014

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Acronyms

C&I	Commercial and Industrial
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
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
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
PYX QX	Program Year X, Quarter X
PYTD	Program Year to Date
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 early 2013 for Phase II (June 2013 through May 2016) of the Act 129 programs. These plans were subsequently approved by the PUC in 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 PPL Electric in the first quarter of Program Year 6 (PY6), defined as June 1, 2014 through August 31, 2014, as well as the cumulative accomplishments of the programs since inception of Phase II. This report additionally documents the energy savings carried over from Phase I. The Phase I carry over savings count towards EDC savings compliance targets for Phase II.

The Cadmus Group, Inc. is evaluating the programs, which includes measurement and verification of the savings. The verified savings for PY6 will be reported in the annual report, to be filed November 15, 2014.

In the first quarter of PY5, PPL Electric’s portfolio operated 13 programs:

1. The Appliance Recycling Program (ARP) offers customers incentives to have their outdated refrigerators, freezers, and air conditioners recycled.
2. The Continuous Energy Improvement Program provides technical support for schools to develop and implement a Strategic Energy Management Plan.
3. The Custom Incentive Program offers custom incentives to nonresidential customers per kilowatt hour (kWh) saved during the first year of participation.
4. The E-Power Wise Program provides low-income customers with information about energy use, along with home energy kits.
5. the Low-Income Energy-Efficiency Behavior & Education Program will provides qualified low-income customers with a series of home energy reports showing their energy use, comparing their usage to similar customers, and providing energy savings tips.
6. The Low-Income Winter Relief Assistance Program (WRAP) provides weatherization to low-income customers using Act 129 funding to expand the existing Low-Income Usage Reduction Program.
7. The Prescriptive Equipment Program offers nonresidential customers rebates and incentives from a list of specific energy-efficiency measures and services. The program also offers a Direct Discount component.
8. The Master Metered Low-Income Multifamily Housing Program targets energy efficiency improvements in master metered multifamily low-income housing buildings.
9. The Residential Energy-Efficiency Behavior & Education Program provides high-usage residential customers with a series of “report cards” comparing their usage to comparable customers.
10. The Residential Home Comfort Program offers energy-saving measures and rebates for new construction and retrofitted existing homes.

11. The Residential Retail Program offers rebates and upstream incentives for energy-efficiency products found in retail stores.
12. The School Benchmarking Program works with school administrators to evaluate total building energy use using the Environmental Protection Agency’s Portfolio Manager tool.
13. The Student and Parent Energy-Efficiency Education Program provides school-based energy-efficiency education through in-classroom workshops for students in various grade levels, training for teachers, and community workshops for parents in low-income neighborhoods.

1.1 Summary of Achievements

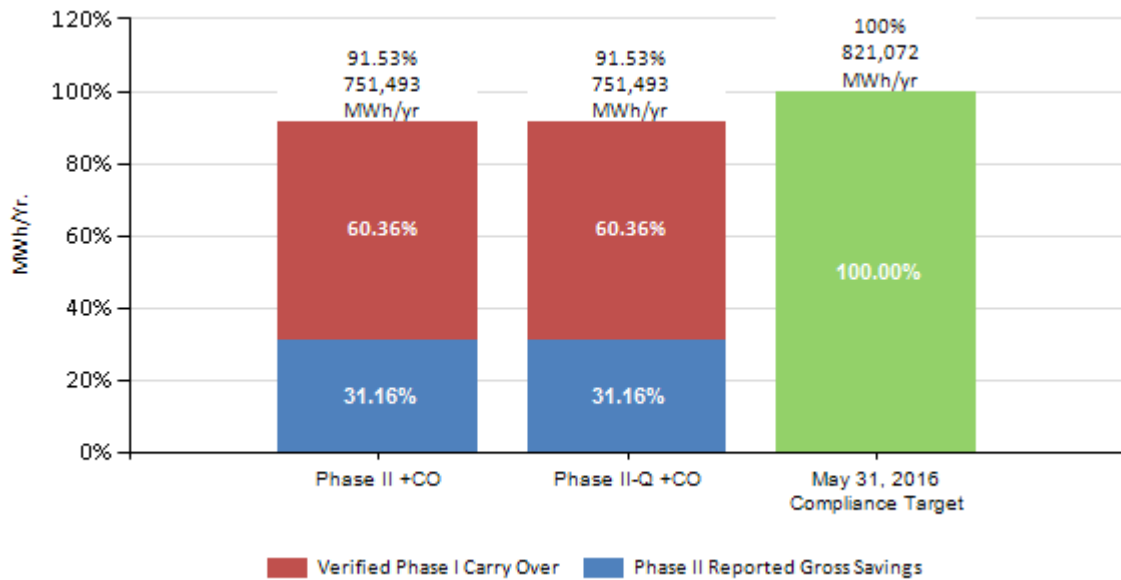
PPL Electric has achieved approximately 91.5 percent of the May 31, 2016 energy savings compliance target, including Phase 1 Carry Over. Phase II-Q-CO¹ gross energy savings achieved through Quarter 1, and Phase 1 Carry Over, are shown in Figure 1-1. Phase II-Q+CO will be equal to Phase II+CO² until verified savings are available for PY5. Phase II and Phase II-Q³ are shown as components of Figure 1-1.

¹ 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

² Phase II+CO Reported Gross Savings = Phase II Reported Gross Savings from the beginning of Phase II through the end of the current quarter + verified Phase I Carryover Savings.

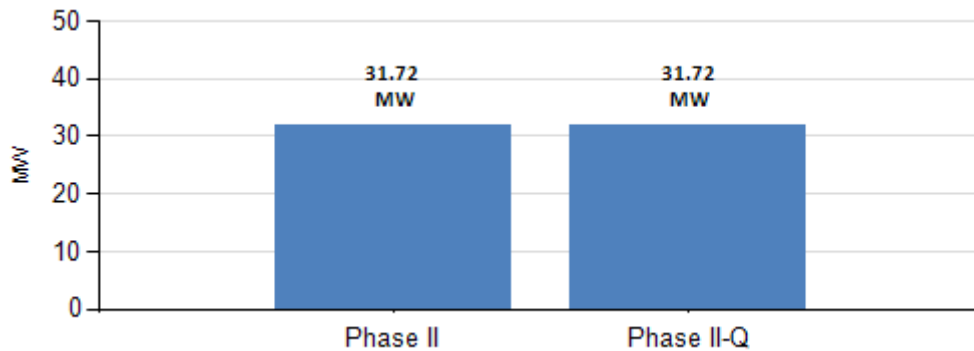
³ Phase II-Q Gross Savings = Verified Gross Savings from the beginning of Phase II + PYTD Reported Gross Savings. This excludes Phase I carry over savings. All savings reported as Phase II-Q gross savings are computed this way. Phase II Verified Gross Savings will be reported in the annual report. For the first program year of Phase II (Program Year 5), Phase II-Q Savings and Phase II Savings will be the same since final verified savings for Phase II will not be available until after the end of Program Year 5. Phase II verified savings will be reported in the November 2015 final Annual Report.

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



PPL Electric has achieved 31.72 MW of demand reduction during PY6 Q1⁴.

Figure 1-2: Phase II Portfolio Demand Reduction

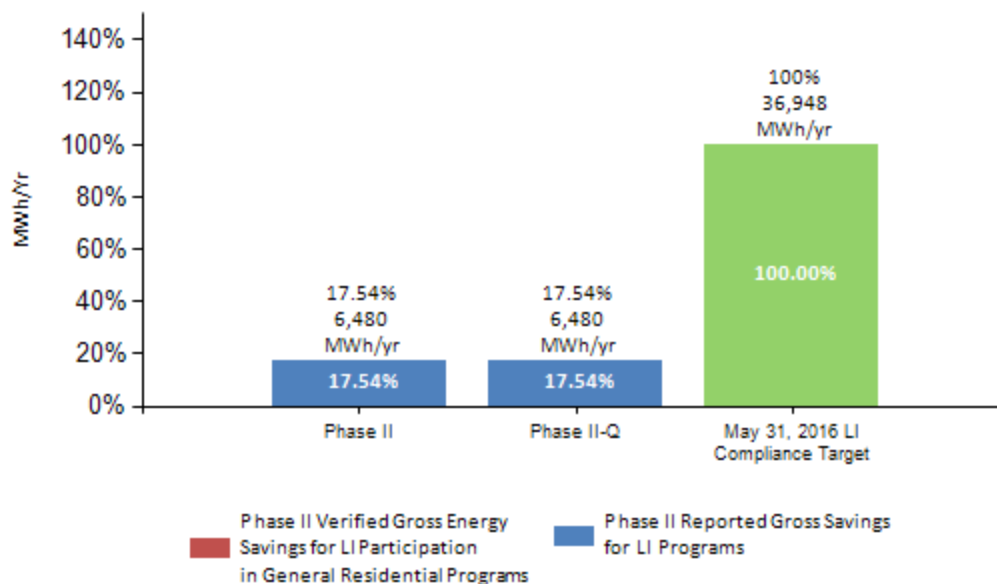


There are 22 measures available to the low-income sector at no cost to the customer. These measures offered to the low-income sector therefore comprise 55 percent of the total measures offered. As

⁴ Unlike Phase I, there is no compliance target for demand reduction in Phase II.

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 PPL Electric territory (8.64 percent).⁵ The Phase II reported gross energy savings achieved in the low-income sector is 6,480 MWh/yr. This is approximately 17.5 percent of the May 31, 2016 Phase II Low-Income compliance target (36,948 MWh/yr for PPL Electric) as shown in Figure 1-3. Please note that this does not yet include low-income savings from participation in general residential programs for PY5 or PY6. Those savings will be determined during the impact evaluation and included in the Final PY5 Annual Report on November 15, 2014 and the PY6 Final Annual Report on November 15, 2015. Also, carryover savings do not apply because there was no low-income savings compliance target in Phase 1.

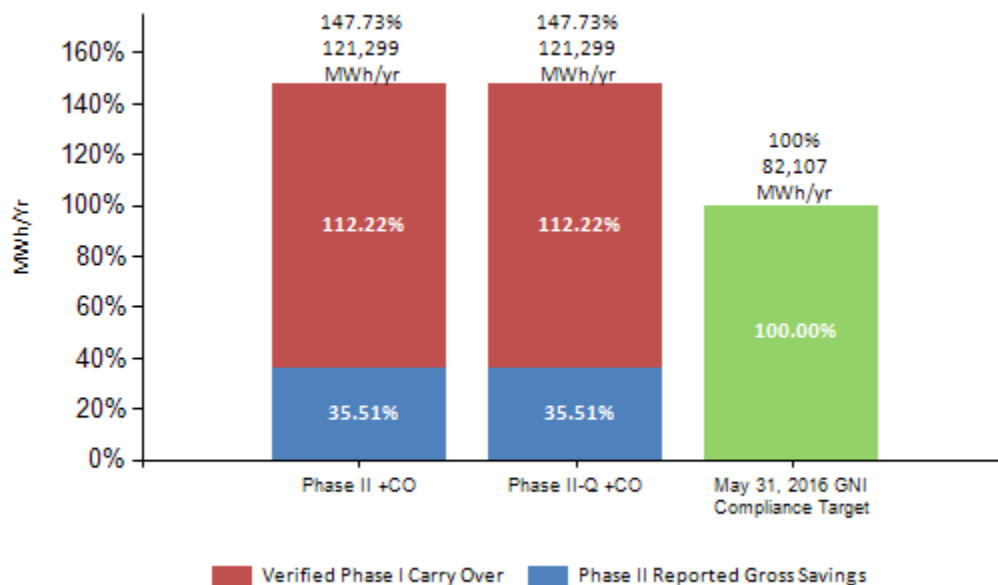
Figure 1-2: Low-Income Sector



PPL Electric achieved approximately 148 percent of the May 31, 2016 energy reduction compliance target for government, nonprofit and institutional sector, based on Phase II-Q+CO gross energy savings achieved through Quarter 1, as shown in Figure 1-4.

⁵ 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).

Figure 1-4: Government, Nonprofit, and Institutional Sectors



1.2 Program Updates and Findings

- **Appliance Recycling Program:** Program launched in PY5 Q1.
- **Continuous Energy Improvement:** Program will recruit participants in PY5 and savings will not be reported until PY6.
- **Custom Incentive:** Program launched in PY5 Q1. In PY6 the maximum annual incentive increased from \$250,000 to \$500,000. The incentive rate for non-CHP measures was increased from \$0.08 per annual kWh saved to \$0.10. Also, in PY5, projects were required to submit an application before equipment was *installed*, but in PY6 they must do so before *ordering* equipment.
- **E-Power Wise:** Program launched in PY5 Q1.
- **Low-Income Energy-Efficiency Behavior & Education:** Program is in the final planning stages and plans to launch in PY6 Q2.
- **Low-Income WRAP:** Program launched in PY5 Q1.
- **Master Metered Low-Income Multifamily Housing:** Program launched in PY5 Q1.
- **Prescriptive Equipment:** Program launched in PY5 Q1. As of PY6, the program requires pre-approval for all projects. Additionally, GSHP systems are now eligible for rebates for GNI customers.
- **Residential Energy-Efficiency Behavior & Education:** Program will launch in PY6 Q2.
- **Residential Home Comfort:** Program launched in PY5 Q1.
- **Residential Retail:** Program launched in PY5 Q1. Midstream incentives for televisions were eliminated in January 2014. CFLs are no longer offered as of PY6 Q1.

- **School Benchmarking:** Program launched in PY5 Q1.
- **Student and Parent Energy-Efficiency Education:** Program launched in PY6 Q1.

1.3 Evaluation Updates and Findings

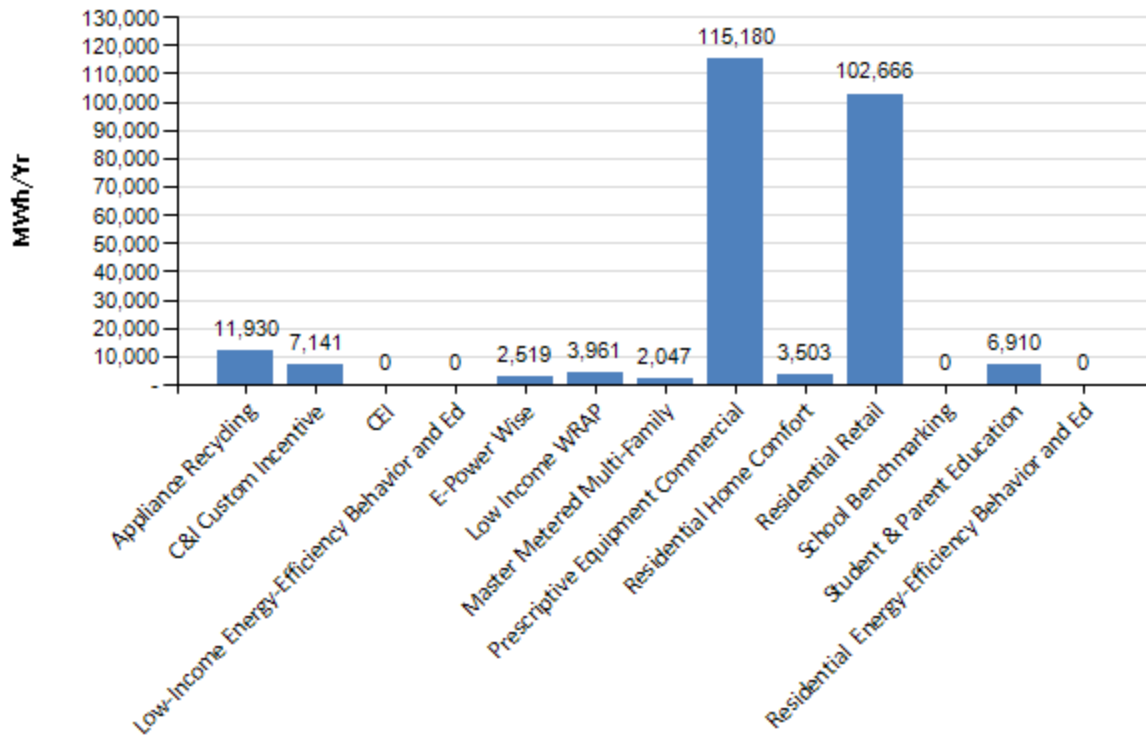
This section summarizes evaluation activities occurring within each program during PY6 Q1:

- **Appliance Recycling Program:** Analyzed survey data to calculate NTG and replacement rate. Completed drafts of the PY5 annual impact report and process reports.
- **Continuous Energy Improvement:** There were no evaluation activities for this quarter.
- **Custom Incentive:** Worked with the CSP to refine baselines and SSMVPs for large projects. Conducted pre- and post-installation site visits when possible. Analyzed PY5 small strata projects throughout the quarter for inclusion in the PY5 annual report. Verified one large project.
- **E-Power Wise:** Analyzed participant kit survey data to produce annual MWh and MW savings summaries. Prepared PY5 annual impact and process evaluation reports.
- **Low-Income Energy-Efficiency Behavior & Education:** Conducted interviews with PPL Electric's program manager and the CSP's program staff. Prepared PY5 annual process evaluation report.
- **Low-Income WRAP:** Analyzed participant data to produce annual MWh and MW savings summaries. Prepared PY5 annual impact and process evaluation reports.
- **Master Metered Low-Income Multifamily Housing:** Conducted eight verification site visits and completed site visit reports. Conducted process evaluation interviews with the project decision-makers. Prepared PY5 annual impact and process evaluation reports.
- **Prescriptive Equipment:** Reviewed EEMIS and implementer year-to-date data for quality control and verification purposes. Conducted verification site visits at a sample of projects completed in PY5 Q2 and Q3. Began realization rate analysis. For non-lighting projects, requested rebate applications and supporting documents to complete PY5 records review and site visits.
- **Residential Energy-Efficiency Behavior & Education:** Conducted interviews with PPL Electric's program manager and the CSP's program staff.
- **Residential Home Comfort:** Conducted records review of PY5 Q4 audit, weatherization, and efficient equipment records. There were no new construction records to review in EEMIS for Q4. Calculated TRM-adjusted *ex ante* savings and *ex post* evaluated savings for all measures. Analyzed survey data for three surveys, using findings to calculate evaluated in-service rates for faucet aerators and lighting measures. Conducted four benchmarking reviews of comparable audit and weatherization, HVAC, pool pump, and manufactured homes programs and prepared benchmarking memos to present program findings. Reviewed initial manufactured homes rebate application data for reasonableness.
- **Residential Retail:** Prepared residential general population survey findings. Calculated final *ex ante* adjusted and *ex post* savings for PY5. Began PY5 annual impact and process evaluation reports. Coordinated and planned for the small-commercial customer survey to collect data to use in cross-sector sales analysis.
- **School Benchmarking:** Administered participant survey of PY5 participants.
- **Student and Parent Energy-Efficiency Education:** Drafted PY5 annual process and impact reports.

2 Summary of Energy Impacts by Program

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

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



A summary of energy impacts by program through PY6 Q1 is presented in Table 2-1.

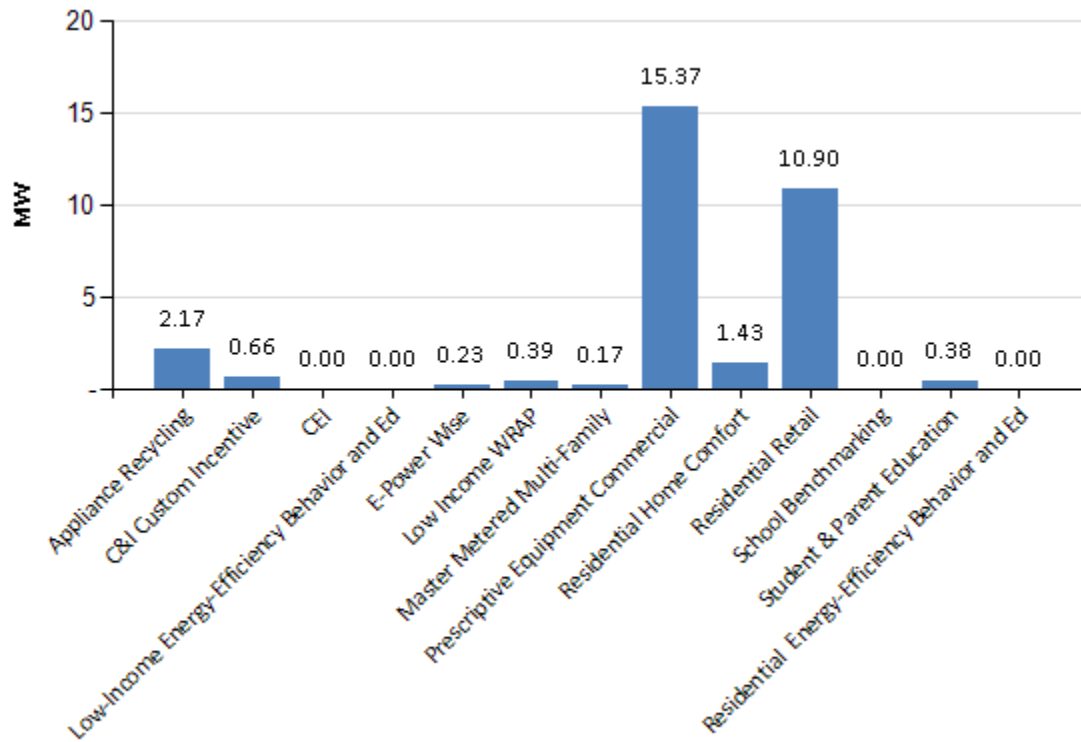
Table 2-1: EDC Reported Participation and Gross Energy Savings by Program (MWh/Year)

Program	Participants			Reported Gross Impact (MWh/Year)			
	IQ	PYTD	Phase II	IQ	PYTD	Phase II	Phase II-Q
Appliance Recycling	2,586	2,586	14,096	2,154	2,154	11,930	11,930
C&I Custom Incentive ^[1]	13	13	69	2,232	2,232	7,141	7,141
CEI	-	-	-	-	-	-	-
Low-Income Energy-Efficiency Behavior and Ed	-	-	-	-	-	-	-
E-Power Wise	1,490	1,490	4,205	852	852	2,519	2,519
Low Income WRAP	827	827	3,618	896	896	3,961	3,961
Master Metered Multi-Family	6	6	43	256	256	2,047	2,047
Prescriptive Equipment Commercial	809	809	3,157	28,632	28,632	115,180	115,180
Residential Home Comfort	1,312	1,312	3,866	1,136	1,136	3,503	3,503
Residential Retail ^[2]	32,001	32,001	275,219	9,861	9,861	102,666	102,666
School Benchmarking ^[3]	6	6	28	-	-	-	-
Student & Parent Education	-	-	714	-	-	6,910	6,910
Residential Energy-Efficiency Behavior and Ed	-	-	-	-	-	-	-
TOTAL PORTFOLIO	39,050	39,050	305,060	46,020	46,020	255,857	255,857
Carry Over Savings from Phase I						495,636	495,636
Total						751,493	751,493
NOTES:							
<p>[1] Beginning in PY6 Q1, the methodology for counting participants for the C&I Custom Incentive program changed. The participant count is now based on the number of jobs contributing to reported savings for the specified period, as opposed to the number of projects created in that period. The total number of projects created as of PY6 Q1 is 115, including those still in progress and those that have since been cancelled.</p>							
<p>[2] The Residential Retail program contains an upstream lighting component, in which exact participation is not known. The EM&V CSP estimated the number of participants in this component of the program by dividing the total number of bulbs discounted or given away by a bulb-per-participant value derived from the most recent residential customer telephone survey data (8.05 bulbs in PY5, a weighted average of 8.15 for CFLs and 6.38 for LEDs; 6.38 is used for PY6). The total participant count for this program is comprised of 9,558 equipment-rebate participants, 423 midstream equipment-incentive participants, and 275,219 estimated lighting participants purchasing 2,084,691 discounted bulbs. Cross-sector sales are now included in reported gross savings.</p>							
<p>[3] The School Benchmarking program does not claim energy or demand savings.</p>							

3 Summary of Demand Impacts by Program

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

Figure 3-1: Phase II Demand Reduction by Program



A summary of total demand reduction impacts by program through PY6 Q1 is presented in Table 3-1.

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

Program	Participants			Reported Gross Impact (MW)			
	IQ	PYTD	Phase II	IQ	PYTD	Phase II	Phase II-Q
Appliance Recycling	2,586	2,586	14,096	0.39	0.39	2.17	2.17
C&I Custom Incentive ^[1]	13	13	69	0.15	0.15	0.66	0.66
CEI	-	-	-	-	-	-	-
Low-Income Energy-Efficiency Behavior and Ed	-	-	-	-	-	-	-
E-Power Wise	1,490	1,490	4,205	0.12	0.12	0.23	0.23
Low Income WRAP	827	827	3,618	0.09	0.09	0.39	0.39
Master Metered Multi-Family	6	6	43	0.03	0.03	0.17	0.17
Prescriptive Equipment Commercial	809	809	3,157	2.86	2.86	15.37	15.37
Residential Home Comfort	1,312	1,312	3,866	0.52	0.52	1.43	1.43
Residential Retail ^[2]	32,001	32,001	275,219	1.17	1.17	10.90	10.90
School Benchmarking ^[3]	6	6	28	-	-	-	-
Student & Parent Education	-	-	714	-	-	0.38	0.38
Residential Energy-Efficiency Behavior and Ed	-	-	-	-	-	-	-
TOTAL PORTFOLIO	39,050	39,050	305,060	5.34	5.34	31.72	31.72

NOTES:

[1] Beginning in PY6 Q1, the methodology for counting participants for the C&I Custom Incentive program changed. The participant count is now based on the number of jobs contributing to reported savings for the specified period, as opposed to the number of projects created in that period. The total number of projects created as of PY6 Q1 is 115, including those still in progress and those that have since been cancelled.

[2] The Residential Retail program contains an upstream lighting component, in which exact participation is not known. The EM&V CSP estimated the number of participants in this component of the program by dividing the total number of bulbs discounted or given away by a bulb-per-participant value derived from the most recent residential customer telephone survey data (8.05 bulbs in PY5, a weighted average of 8.15 for CFLs and 6.38 for LEDs; 6.38 is used for PY6). The total participant count for this program is comprised of 9,558 equipment-rebate participants, 423 midstream equipment-incentive participants, and 275,219 estimated lighting participants purchasing 2,084,691 discounted bulbs. Cross-sector sales are now included in reported gross savings.

[3] The School Benchmarking program does not claim energy or demand savings.

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 or Trade Allies	\$5,774	\$5,774	\$16,585
Subtotal EDC Incentive Costs	\$5,774	\$5,774	\$16,585
Administration, Management and Technical Assistance ^[1]	\$5,047	\$5,047	\$24,018
Design & Development	\$3	\$3	\$1,371
Marketing	\$954	\$954	\$5,154
Subtotal EDC Implementation Costs	\$6,003	\$6,003	\$30,543
EDC Evaluation Costs	\$729	\$729	\$2,466
SWE Audit Costs	\$250	\$250	\$1,000
Total EDC Costs^[2]	\$12,756	\$12,756	\$50,594
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A
NOTES:			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
[1] Includes administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight, major accounts, and technical assistance.			
[2] 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.			
[3] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
[4] 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 – Appliance Recycling

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$108	\$108	\$538
Subtotal EDC Incentive Costs	\$108	\$108	\$538
Administration, Management and Technical Assistance ^[1]	\$360	\$360	\$1,607
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$360	\$360	\$1,607
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$468	\$468	\$2,145
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A
NOTES:			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
[1] Includes direct program administration and clerical costs, EDC program management, CSP program management and technical assistance. Excludes portfolio common costs.			
[2] 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.			
[3] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
[4] Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-3: Summary of Program Finances – Continuous Energy Improvement

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Administration, Management and Technical Assistance ^[1]	\$93	\$93	\$312
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$93	\$93	\$312
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$93	\$93	\$312
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A

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 direct program administration and clerical costs, EDC program management, CSP program management and technical assistance. Excludes portfolio common costs.

[2] 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.

[3] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer. These will be calculated for the PY5 Final Annual Report.

[4] Total TRC Costs = Total EDC Costs + Participant Costs. TRC Costs will be calculated for the PY5 Final Annual Report.

Table 4-4: Summary of Program Finances – Custom Incentive

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$55	\$55	\$323
Subtotal EDC Incentive Costs	\$55	\$55	\$323
Administration, Management and Technical Assistance ^[1]	\$313	\$313	\$1,016
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$313	\$313	\$1,016
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$368	\$368	\$1,339
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A
NOTES:			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
[1] Includes direct program administration and clerical costs, EDC program management, CSP program management and technical assistance. Excludes portfolio common costs.			
[2] 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.			
[3] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer. These will be calculated for the PY5 Final Annual Report.			
[4] Total TRC Costs = Total EDC Costs + Participant Costs. TRC Costs will be calculated for the PY5 Final Annual Report.			

Table 4-5: Summary of Program Finances – E-Power Wise

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies ^[1]	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Administration, Management and Technical Assistance ^[2]	\$88	\$88	\$348
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$88	\$88	\$348
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[3]	\$88	\$88	\$348
Participant Costs^[4]	N/A	N/A	N/A
Total TRC Costs^[5]	N/A	N/A	N/A

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] The value of the free home energy kits and education are classified as “Management” (CSP Costs), consistent with the PA PUC’s August 2013 TRC Order.

[2] Includes direct program administration and clerical costs, EDC program management, CSP program management and technical assistance. Excludes portfolio common costs.

[3] 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.

[4] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer. These will be calculated for the PY5 Final Annual Report.

[5] Total TRC Costs = Total EDC Costs + Participant Costs. TRC Costs will be calculated for the PY5 Final Annual Report.

Table 4-6: Summary of Program Finances – Low-Income Energy-Efficiency Behavior and Education

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Administration, Management and Technical Assistance ^[1]	\$74	\$74	\$342
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$74	\$74	\$342
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$74	\$74	\$342
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A
NOTES:			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
[1] Includes direct program administration and clerical costs, EDC program management, CSP program management and technical assistance. Excludes portfolio common costs.			
[2] 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.			
[3] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer. These will be calculated for the PY5 Final Annual Report.			
[4] Total TRC Costs = Total EDC Costs + Participant Costs. TRC Costs will be calculated for the PY5 Final Annual Report.			

Table 4-7: Summary of Program Finances – Low-Income WRAP

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies ^[1]	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Administration, Management and Technical Assistance ^[2]	\$1,214	\$1,214	\$4,604
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$1,214	\$1,214	\$4,604
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[3]	\$1,214	\$1,214	\$4,604
Participant Costs^[4]	N/A	N/A	N/A
Total TRC Costs^[5]	N/A	N/A	N/A

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] The cost of the weatherization measures provided to participants for free is classified as “Management” (CSP costs), consistent with the PA PUC’s August 2013 TRC Order.

[2] Includes direct program administration and clerical costs, EDC program management, CSP program management and technical assistance. Excludes portfolio common costs.

[3] 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.

[4] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer. These will be calculated for the PY5 Final Annual Report.

[5] Total TRC Costs = Total EDC Costs + Participant Costs. TRC Costs will be calculated for the PY5 Final Annual Report.

Table 4-8: Summary of Program Finances – Master Metered Low-Income Multifamily Housing

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$46	\$46	\$275
Subtotal EDC Incentive Costs	\$46	\$46	\$275
Administration, Management and Technical Assistance ^[1]	\$112	\$112	\$630
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$112	\$112	\$630
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$158	\$158	\$904
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A
NOTES:			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
[1] Includes direct program administration and clerical costs, EDC program management, CSP program management and technical assistance. Excludes portfolio common costs.			
[2] 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.			
[3] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer. These will be calculated for the PY5 Final Annual Report.			
[4] Total TRC Costs = Total EDC Costs + Participant Costs. TRC Costs will be calculated for the PY5 Final Annual Report.			

Table 4-9: Summary of Program Finances – Prescriptive Equipment

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$4,383	\$4,383	\$11,245
Subtotal EDC Incentive Costs	\$4,383	\$4,383	\$11,245
Administration, Management and Technical Assistance ^[1]	\$807	\$807	\$4,361
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$807	\$807	\$4,361
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$5,190	\$5,190	\$15,605
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A
NOTES:			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
[1] Includes direct program administration and clerical costs, EDC program management, CSP program management and technical assistance. Excludes portfolio common costs.			
[2] 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.			
[3] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer. These will be calculated for the PY5 Final Annual Report.			
[4] Total TRC Costs = Total EDC Costs + Participant Costs. TRC Costs will be calculated for the PY5 Final Annual Report.			

Table 4-10: Summary of Program Finances – Residential Energy-Efficiency Behavior and Education

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Administration, Management and Technical Assistance ^[1]	\$103	\$103	\$811
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$103	\$103	\$811
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$103	\$103	\$811
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A
NOTES:			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
[1] Includes direct program administration and clerical costs, EDC program management, CSP program management and technical assistance. Excludes portfolio common costs.			
[2] 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.			
[3] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer. These will be calculated for the PY5 Final Annual Report.			
[4] Total TRC Costs = Total EDC Costs + Participant Costs. TRC Costs will be calculated for the PY5 Final Annual Report.			

Table 4-11: Summary of Program Finances – Residential Home Comfort

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$240	\$240	\$656
Subtotal EDC Incentive Costs	\$240	\$240	\$656
Administration, Management and Technical Assistance ^[1]	\$354	\$354	\$1,126
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$354	\$354	\$1,126
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$594	\$594	\$1,782
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A
NOTES:			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
[1] Includes direct program administration and clerical costs, EDC program management, CSP program management and technical assistance. Excludes portfolio common costs.			
[2] 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.			
[3] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer. These will be calculated for the PY5 Final Annual Report.			
[4] Total TRC Costs = Total EDC Costs + Participant Costs. TRC Costs will be calculated for the PY5 Final Annual Report.			

Table 4-12: Summary of Program Finances – Residential Retail

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$942	\$942	\$3,549
Subtotal EDC Incentive Costs	\$942	\$942	\$3,549
Administration, Management and Technical Assistance ^[1]	\$715	\$715	\$3,336
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$715	\$715	\$3,336
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$1,657	\$1,657	\$6,885
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A
NOTES:			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
[1] Includes direct program administration and clerical costs, EDC program management, CSP program management and technical assistance. Excludes portfolio common costs.			
[2] 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.			
[3] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer. These will be calculated for the PY5 Final Annual Report.			
[4] Total TRC Costs = Total EDC Costs + Participant Costs. TRC Costs will be calculated for the PY5 Final Annual Report.			

Table 4-13: Summary of Program Finances – School Benchmarking

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Administration, Management and Technical Assistance ^[1]	\$42	\$42	\$194
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$42	\$42	\$194
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$42	\$42	\$194
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A
NOTES:			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
[1] Includes direct program administration and clerical costs, EDC program management, CSP program management and technical assistance. Excludes portfolio common costs.			
[2] 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.			
[3] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer. These will be calculated for the PY5 Final Annual Report.			
[4] Total TRC Costs = Total EDC Costs + Participant Costs. TRC Costs will be calculated for the PY5 Final Annual Report.			

Table 4-14: Summary of Program Finances – Student and Parent Energy-Efficiency Education

	Quarter 1 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies ^[1]	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Administration, Management and Technical Assistance ^[2]	\$319	\$319	\$1,480
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$319	\$319	\$1,480
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[3]	\$319	\$319	\$1,480
Participant Costs^[4]	N/A	N/A	N/A
Total TRC Costs^[5]	N/A	N/A	N/A

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] The cost of the kits and other measures provided to participants for free is classified as “Management” (CSP costs), consistent with the PA PUC’s August 2013 TRC Order.

[2] Includes direct program administration and clerical costs, EDC program management, CSP program management and technical assistance. Excludes portfolio common costs.

[3] 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.

[4] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer. These will be calculated for the PY5 Final Annual Report.

[5] Total TRC Costs = Total EDC Costs + Participant Costs. TRC Costs will be calculated for the PY5 Final Annual Report.