

Quarterly Report to the Pennsylvania Public Utility Commission

**For the Period
December 2013 through February 2014
Program Year 5, Quarter 3**

For Pennsylvania Act 129 of 2008
Energy Efficiency and Conservation Plan

Prepared by The Cadmus Group, Inc.

For

PPL Electric
April 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
IQ	Incremental Quarter
MW	Megawatt
MWh	Megawatt-hour
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
PYX QX	Program Year X, Quarter X
PYTD	Program Year to Date
SWE	Statewide Evaluator
TRC	Total Resource Cost

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 third quarter of Program Year 5 (PY5), defined as December 1, 2013 through February 28, 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 the EM&V CSP evaluating PPL Electric's programs; evaluations included measurement and verification of the energy savings. The verified energy savings and demand reduction for PY5 will be reported in the annual report, to be filed November 15, 2014.

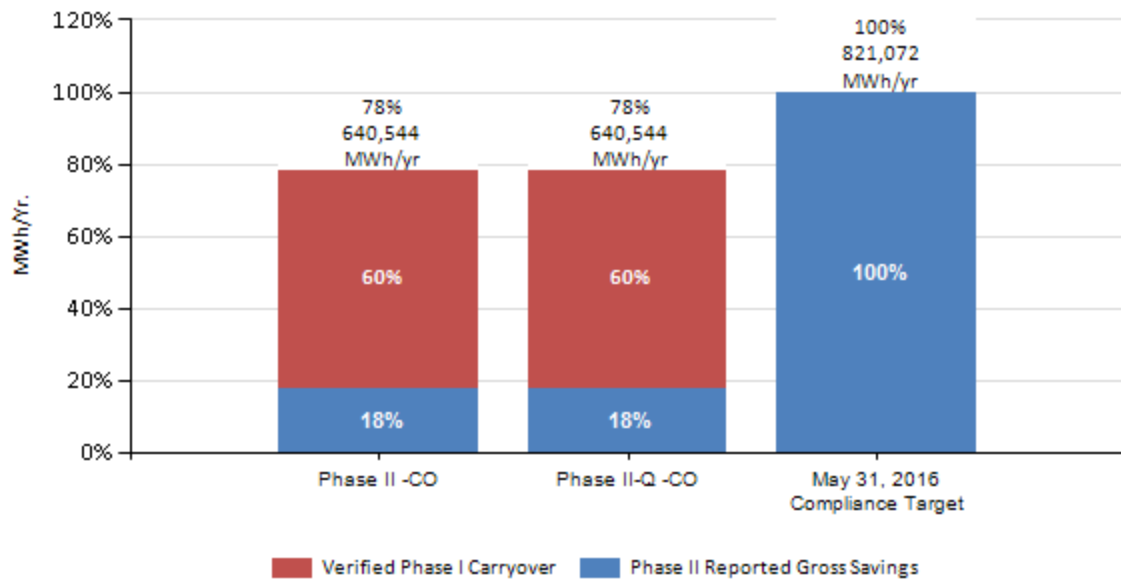
In the third quarter of PY5, PPL Electric's portfolio operated these programs:

1. The Appliance Recycling Program (ARP) offers customers incentives to have their outdated refrigerators, freezers, and air conditioners recycled.
2. The Custom Incentive Program offers incentives for custom measures to nonresidential customers.
3. The E-Power Wise Program provides low-income customers with information about energy use, along with home energy kits.
4. The Act 129 Winter Relief Assistance Program (WRAP) provides weatherization to low-income customers using Act 129 funding to expand the existing Low-Income Usage Reduction Program.
5. 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 for lighting.
6. The Master Metered Low-Income Multifamily Housing Program targets energy efficiency improvements in master metered multifamily low-income housing buildings.
7. The Residential Home Comfort Program offers energy-saving measures and rebates for new construction and retrofitted existing homes.
8. The Residential Retail Program offers rebates and upstream incentives for energy-efficiency products found in retail stores.
9. The School Benchmarking Program works with school administrators to evaluate total building energy use using the Environmental Protection Agency's Portfolio Manager Tool.
10. 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 18 percent of the May 31, 2016 energy savings compliance target, based on cumulative program inception to date (Phase II) reported gross energy savings¹. PPL Electric has achieved 78 percent of the energy savings compliance target, based on Phase II-Q-CO² gross energy savings achieved through Quarter 3, as shown in Figure 1-1. Phase II-Q-CO will be equal to Phase II-CO³ until verified savings are available for PY5. Phase II and Phase II-Q⁴ are shown as components of Figure 1-1.

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



¹ 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.

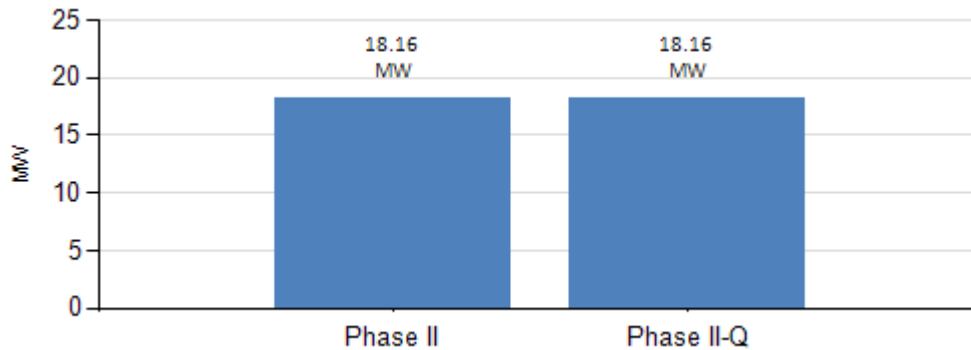
² Phase II-Q-CO Gross Savings = Phase II verified gross savings from the beginning of Phase II including verified Phase I Carry Over Savings + PYTD reported gross savings.

³ 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.

⁴ 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 because no savings will be verified for Phase II until November, after the end of Program Year 5.

PPL Electric has achieved 18.16 MW of demand reduction during PY5 Q3⁵.

Figure 1-2: Phase II Portfolio Demand Reduction



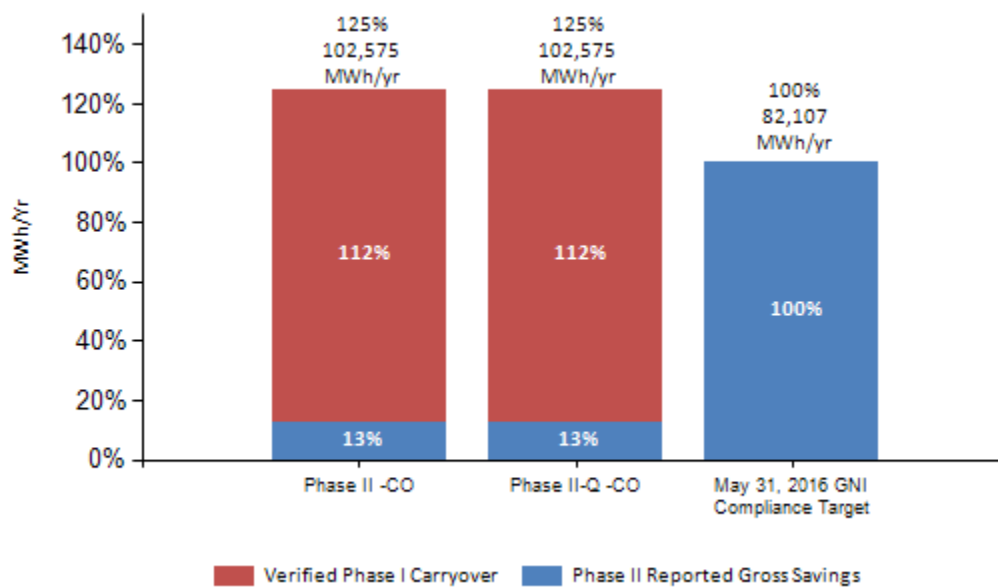
There are 22 measures available to the low-income sector at no cost to the income-eligible customer. These measures offered to the low-income sector therefore comprise 54 percent of the total measures offered. As required by the Phase II goal, this exceeds the fraction of the electric consumption of PPL Electric’s low-income households divided by the total electricity consumption in the PPL Electric territory (8.64 percent).⁶ Phase II low-income savings compliance goal includes savings from low-income programs and savings from low-income participation in non-low-income programs. The Phase II reported gross energy savings achieved in the low-income sector is 3,523 MWh/yr. Savings from low-income participation in non-low-income programs will be computed after the PY5 participant surveys have been completed, and reported in the PY5 annual report.

PPL Electric achieved 13 percent of the May 31, 2016, energy reduction compliance target for the government, nonprofit and institutional sector, based on Phase II reported gross energy savings. This is 125 percent 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 3, as shown in Figure 1-3.

⁵ Unlike Phase I, there is no compliance target for demand reduction in Phase II.

⁶ 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 1-3: Government, Nonprofit, and Institutional Sectors



1.2 Program Updates and Findings

This section summarizes changes occurring within each program during PY5 Q3:

- **ARP:** 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.
- **E-Power Wise:** EEMIS was updated to reflect the correct savings values for the CFL bulbs provided in the kits.
- **Low-Income Energy-Efficiency Behavior & Education:** Program will launch in PY6.
- **Low-Income WRAP:** Program launched in PY5 Q1.
- **Master Metered Low-Income Multifamily Housing:** Program launched in PY5 Q1 and nine projects were completed in PY5 Q2.
- **Prescriptive Equipment:** Program launched in PY5 Q1 and 681 commercial lighting projects were completed in PY5 Q2.
- **Residential Energy-Efficiency Behavior & Education:** Program will launch in PY6.
- **Residential Home Comfort:** Program launched in PY5 Q1.
- **Residential Retail:** Program launched in PY5 Q1. Midstream incentives for televisions were eliminated in January 2014.
- **School Benchmarking:** Program launched in PY5 Q1.
- **Student and Parent Energy-Efficiency Education:** Program launched in PY5 Q2.

1.3 Evaluation Updates and Findings

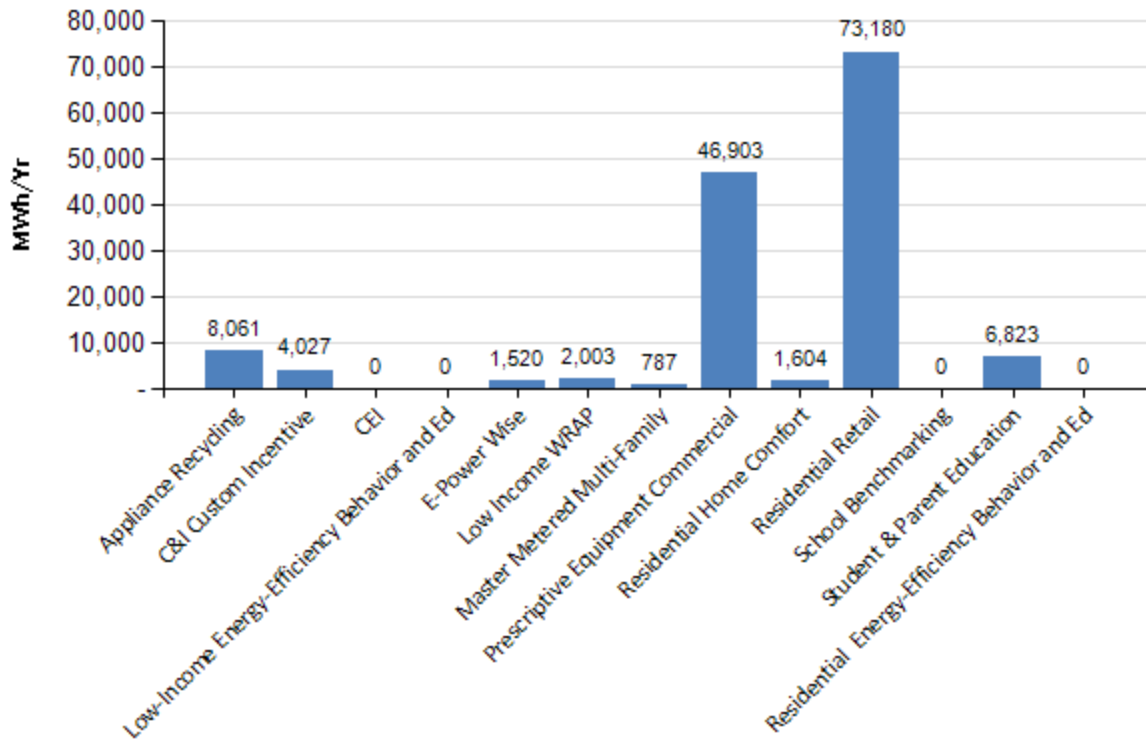
This section summarizes evaluation activities occurring within each program during PY5 Q3:

- **ARP:** Drafted participant and nonparticipant survey instruments and conducted program manager and CSP interviews.
- **Continuous Energy Improvement:** There were no evaluation activities for this quarter.
- **Custom Incentive:** Worked with EPS to refine baselines and SSMVPs for large projects. Pre- and post-installation site visits were conducted when possible. Process evaluation stakeholder surveys were conducted.
- **E-Power Wise:** Began reviewing EEMIS data against year-to-date implementer data for quality control and verification purposes.
- **Low-Income Energy-Efficiency Behavior & Education:** There were no evaluation activities for this quarter.
- **Low-Income WRAP:** Selected a sample, requested and received rebate applications and supporting documents, and conducted records review of Q2 records. Conducted an interview with the PPL program manager.
- **Master Metered Low-Income Multifamily Housing:** Began reviewing EEMIS data against year-to-date implementer data for quality control and verification purposes. Conducted verification site visits for all nine projects completed in PY5 Q2.
- **Prescriptive Equipment:** For lighting projects, began reviewing EEMIS data against year-to-date implementer data for quality control and verification purposes. Conducted verification site visits at a sample of projects completed in PY5 Q2. There were no non-lighting projects reported in EEMIS in Q2.
- **Residential Energy-Efficiency Behavior & Education:** There were no evaluation activities for this quarter.
- **Residential Home Comfort:** Selected samples, requested and received rebate applications and supporting documents, and conducted records review of Q2 audit, weatherization, and efficient equipment records. There were no new construction records to review in EEMIS in Q2. Conducted interviews with program stakeholders. Developed telephone surveys for three groups: audit, weatherization, and efficient equipment. As there are currently no new construction participants, the EM&V CSP will defer these surveys.
- **Residential Retail:** Conducted records review of Q1-Q2 residential lighting records. Selected samples and requested rebate applications and supporting documents for the equipment component of the program. Developed survey instruments for both components of the program.
- **School Benchmarking:** Conducted CSP and program manager interviews. Began drafting participant survey.
- **Student and Parent Energy-Efficiency Education:** Held stakeholder interviews with the PPL and CSP program managers. Prepared and submitted data request for the five student parent programs. Received and reviewed data. Prepared and began fielding surveys for four groups: Participating Teachers, Parent Workshop, Participating Students, and Teacher Workshop.

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 reported energy impacts by program through the PY5 Q3 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	1,848	9,445	9,445	1,550	8,061	8,061	8,061
C&I Custom Incentive	16	77	77	3,146	4,027	4,027	4,027
CEI	-	-	-	-	-	-	-
Low-Income Energy-Efficiency Behavior and Ed	-	-	-	-	-	-	-
E-Power Wise	413	2,215	2,215	283	1,520	1,520	1,520
Low Income WRAP	1,063	1,808	1,808	1,187	2,003	2,003	2,003
Master Metered Multi-Family	5	15	15	345	787	787	787
Prescriptive Equipment Commercial	696	1,377	1,377	26,498	46,903	46,903	46,903
Residential Home Comfort	947	1,699	1,699	920	1,604	1,604	1,604
Residential Retail ^{7,8}	72,656	197,942	197,942	35,714	73,180	73,180	73,180
School Benchmarking	-	-	-	-	-	-	-
Student & Parent Education	713	713	713	6,823	6,823	6,823	6,823
Residential Energy-Efficiency Behavior and Ed	-	-	-	-	-	-	-
TOTAL PORTFOLIO	78,357	215,291	215,291	76,467	144,908	144,908	144,908
Carry Over Savings from Phase I						495,636	495,636
Total						640,544	640,544

⁷ 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 CFL-per-participant value derived from the most recent residential customer telephone survey data (7.80 bulbs in PY4). The total participant count for this program is comprised of 5,537 equipment-rebate participants, 364 midstream equipment-incentive participants, and 192,041 estimated lighting participants purchasing 1,497,917 discounted bulbs.

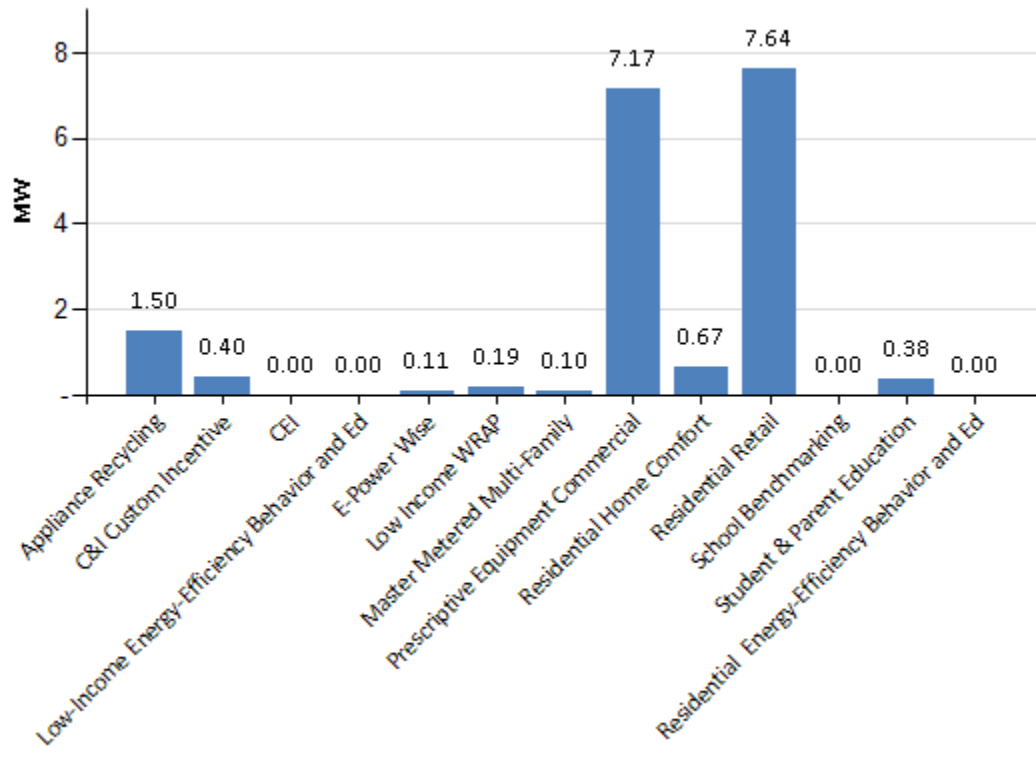
⁸ Reported savings in Q3 includes 13,261 MWh/yr for cross-sector sales in Q1-Q3. Cross-sector sales will be included in each quarter's reported savings hereafter.

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 reported demand reduction impacts by program through the PY5 Q3 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	1,848	9,445	9,445	0.27	1.50	1.50	1.50
C&I Custom Incentive	16	77	77	0.28	0.40	0.40	0.40
CEI	-	-	-	-	-	-	-
Low-Income Energy-Efficiency Behavior and Ed	-	-	-	-	-	-	-
E-Power Wise	413	2,215	2,215	0.02	0.11	0.11	0.11
Low Income WRAP	1,063	1,808	1,808	0.12	0.19	0.19	0.19
Master Metered Multi-Family	5	15	15	0.06	0.10	0.10	0.10
Prescriptive Equipment Commercial	696	1,377	1,377	3.94	7.17	7.17	7.17
Residential Home Comfort	947	1,699	1,699	0.36	0.67	0.67	0.67
Residential Retail ^{9,10}	72,656	197,942	197,942	5.77	7.64	7.64	7.64
School Benchmarking	-	-	-	-	-	-	-
Student & Parent Education	713	713	713	0.38	0.38	0.38	0.38
Residential Energy-Efficiency Behavior and Ed	-	-	-	-	-	-	-
TOTAL PORTFOLIO	78,357	215,291	215,291	11.21	18.16	18.16	18.16

⁹ 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 CFL-per-participant value derived from the most recent residential customer telephone survey data (7.80 bulbs in PY4). The total participant count for this program is comprised of 5,537 equipment-rebate participants, 364 midstream equipment-incentive participants, and 192,041 estimated lighting participants purchasing 1,497,917 discounted bulbs

¹⁰ Reported savings in Q3 includes an adjustment of 4.60 MW to account for cross-sector sales in Q1-Q3.

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 3 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$3,592	\$6,608	\$6,608
Subtotal EDC Incentive Costs	\$3,592	\$6,608	\$6,608
Administration, Management and Technical Assistance ^[1]	\$5,459	\$13,387	\$13,387
Design & Development	\$187	\$1,337	\$1,337
Marketing	\$1,227	\$3,284	\$3,284
Subtotal EDC Implementation Costs	\$6,873	\$18,008	\$18,008
EDC Evaluation Costs	\$398	\$1,017	\$1,017
SWE Audit Costs	\$250	\$750	\$750
Total EDC Costs^[2]	\$11,113	\$26,383	\$26,383
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 the 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 3 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$66	\$352	\$352
Subtotal EDC Incentive Costs	\$66	\$352	\$352
Administration, Management and Technical Assistance ^[1]	\$216	\$1,015	\$1,015
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$216	\$1,015	\$1,015
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$282	\$1,367	\$1,367
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 the 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. 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 4-3: Summary of Program Finances – Continuous Energy Improvement

	Quarter 3 (\$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]	\$90	\$114	\$114
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$90	\$114	\$114
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$90	\$114	\$114
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 the 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. 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 0-1: Summary of Program Finances – Custom Incentive

	Quarter 3 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$29	\$70	\$70
Subtotal EDC Incentive Costs	\$29	\$70	\$70
Administration, Management and Technical Assistance ^[1]	\$242	\$449	\$449
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$242	\$449	\$449
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$270	\$519	\$519
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 the 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. 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 0-2: Summary of Program Finances – E-Power Wise

	Quarter 3 (\$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]	\$42	\$233	\$233
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$42	\$233	\$233
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[3]	\$42	\$233	\$233
Participant Costs^[4]	N/A	N/A	N/A
Total TRC Costs^[5]	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 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 the 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			
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 0-3: Summary of Program Finances – Low-Income Energy-Efficiency Behavior and Education

	Quarter 3 (\$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]	\$0	\$3	\$3
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$0	\$3	\$3
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$0	\$3	\$3
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 the 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. 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 0-4: Summary of Program Finances – Low-Income WRAP

	Quarter 3 (\$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]	\$917	\$2,371	\$2,371
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$917	\$,2371	\$2,371
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[3]	\$917	\$2,371	\$2,371
Participant Costs^[4]	N/A	N/A	N/A
Total TRC Costs^[5]	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 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 the 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			
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 0-5: Summary of Program Finances – Master Metered Low-Income Multifamily Housing

	Quarter 3 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$42	\$88	\$88
Subtotal EDC Incentive Costs	\$42	\$88	\$88
Administration, Management and Technical Assistance ^[1]	\$119	\$285	\$285
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$119	\$285	\$285
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$161	\$373	\$373
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 the 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. 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 0-6: Summary of Program Finances – Prescriptive Equipment

	Quarter 3 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$2,112	\$3,638	\$3,638
Subtotal EDC Incentive Costs	\$2,112	\$3,638	\$3,638
Administration, Management and Technical Assistance ^[1]	\$1,185	\$2,367	\$2,367
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$1,185	\$2,367	\$2,367
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$3,297	\$6,005	\$6,005
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 the 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. 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 0-7: Summary of Program Finances – Residential Energy-Efficiency Behavior and Education

	Quarter 3 (\$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]	\$0	\$25	\$25
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$0	\$25	\$25
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$0	\$25	\$25
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 the 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. 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 0-8: Summary of Program Finances – Residential Home Comfort

	Quarter 3 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$179	\$247	\$247
Subtotal EDC Incentive Costs	\$179	\$247	\$247
Administration, Management and Technical Assistance ^[1]	\$448	\$664	\$664
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$448	\$664	\$664
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$628	\$911	\$911
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 the 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. 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 0-9: Summary of Program Finances – Residential Retail

	Quarter 3 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants or Trade Allies	\$1,163	\$2,212	\$2,212
Subtotal EDC Incentive Costs	\$1,163	\$2,212	\$2,212
Administration, Management and Technical Assistance ^[1]	\$847	\$2,056	\$2,056
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$847	\$2,056	\$2,056
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$2,010	\$4,268	\$4,268
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 the 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. 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 0-10: Summary of Program Finances – School Benchmarking

	Quarter 3 (\$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]	\$31	\$106	\$106
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$31	\$106	\$106
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[2]	\$31	\$106	\$106
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 the 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. 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 0-11: Summary of Program Finances – Student and Parent Energy-Efficiency Education

	Quarter 3 (\$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]	\$637	\$1,106	\$1,106
Design & Development	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$637	\$1,106	\$1,106
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	\$0	\$0	\$0
Total EDC Costs^[3]	\$637	\$1,106	\$1,106
Participant Costs^[4]	N/A	N/A	N/A
Total TRC Costs^[5]	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 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 the 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			
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.			