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ORIGINAL

January 15, 2014

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PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Via Federal Express

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Second Floor
Harrisburg, Pennsylvania 17120

M-2012-2333992

**Re: PUC Docket No. ~~M-2008-2069887~~
Energy Efficiency and Conservation Program Quarterly Report for
September 1, 2013 through November 30, 2013**

Dear Secretary Chiavetta:

In accordance with the Commission's Secretarial Letter dated May 25, 2011, enclosed is PECO's Quarterly Energy Efficiency & Conservation Report for the period September 1, 2013 through November 30, 2013.

PECO is providing a copy of the report to the Act 129 Statewide Evaluator (GDS Associates, Inc.) and is also posting the report on the PECO website.

Please acknowledge receipt of the foregoing on the enclosed copy of this letter.

If you have any further questions regarding this matter, please call me at 215-841-5777.

Sincerely,

- cc: C. Walker-Davis, Director, Office of Special Assistants
- P. T. Diskin, Director, Bureau of Technical Utility Services
- D. P. Hosler, Director, Bureau of Audits
- J. E. Simms, Director, Bureau of Investigation & Enforcement
- Office of Consumer Advocate
- Office of Small Business Advocate
- McNees, Wallace & Nurick

enclosures

Quarterly Report to the Pennsylvania Public Utility Commission

**For the Period
September 2013 through November 2013
Program Year 5, Quarter 2**

**For Pennsylvania Act 129 of 2008
Energy Efficiency and Conservation Plan**

Prepared by Navigant Consulting, Inc.

For

PECO Energy Company

January 15, 2014

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Acronyms

C&I	Commercial and Industrial
CATI	Computer-Aided Telephone Interview
CFL	Compact Fluorescent Lamp
CSP	Conservation Service Provider or Curtailment Service Provider
CVR	Conservation Voltage Reduction
CVR _f	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
HER	Home Energy Reports
HVAC	Heating, Ventilating, and Air Conditioning
IQ	Incremental Quarter
kW	Kilowatt
kWh	Kilowatt-hour
LED	Light Emitting Diode
LEEP	Low-Income Energy Efficiency Program
LIURP	Low-Income Usage Reduction Program
M&V	Measurement and Verification
MW	Megawatt
MWh	Megawatt-hour
NTG	Net-to-Gross
PA PUC	Pennsylvania Public Utility Commission
Phase II	June 1, 2013 to May 31, 2017
Phase II Savings	Cumulative Program/Portfolio Phase II Inception to Date
Phase II-CO Savings	Cumulative Program/Portfolio Phase II Inception to Date including Carry Over Savings from Phase I
Phase II-Q Savings	Phase II verified gross savings from the beginning of Phase II + PYTD reported gross savings.
Phase II-Q-CO Savings	Phase II verified gross savings from the beginning of Phase II +

	verified Carry Over Savings from Phase I + PYTD reported gross savings
PY5	Program Year 2013, from June 1, 2013 to May 31, 2014
PY6	Program Year 2014, from June 1, 2010 to May 31, 2015
PY7	Program Year 2015, from June 1, 2011 to May 31, 2016
PY8	Program Year 2016, from June 1, 2012 to May 31, 2017
PYX QX	Program Year X, Quarter X
PYTD	Program Year to Date
SEER	Seasonal Energy Efficiency Rating
SWE	Statewide Evaluator
TRC	Total Resource Cost
TRM	Technical Reference Manual

1 Overview of Portfolio

Pennsylvania Act 129, 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 PECO in the second quarter (Q2) of Program Year 5 (PY5), defined as September 1, 2013 through November 30, 2013, as well as the cumulative accomplishments of the programs since inception of Phase II. Additionally, this report is structured to document the verified energy savings carried over from Phase I. The Phase I carry over savings count towards EDC savings compliance targets for Phase II.

Navigant Consulting, Inc. (Navigant) is evaluating the programs, which includes measurement and verification of the savings. The verified savings for PY5 will be reported in the annual report, to be filed November 15, 2014.

1.1 Carry-Over Savings

According to the Phase II Implementation Order, PECO is allowed by the PUC to “carry over” MWh savings into Phase II of Act 129. Table 1-1 below shows how much savings from PY4 PECO is carrying over into Phase II. Values in the “CPITD Verified Savings” column include the gross reported savings from three combined heat and power projects (six project numbers – each CHP project was recorded in the database as two project numbers) that received rebates from the Smart Equipment Incentives program in Phase I (one in the C&I sector, two in the GNI sector). These three projects have a “commercial date of operation” (CDO) prior to June 1, 2013, but they were completed too late in the program year to be fully verified by Navigant prior to the Phase I Report. Per the SWE’s September 13, 2013 guidance memo on reporting unverified savings, PECO presented reported savings for these projects in the Phase I Report, and is presenting their final verified savings in this report¹. Table 1-1 includes savings from these three projects.

Table 1-1: Savings from PY4 Carried into Phase I

	CPITD Verified Savings (MWh)	CPITD Unverified Savings (MWh)	Savings Carried into Phase II (MWh)
TRM Verified Savings	242,717	0	242,717
Evaluation Verified Savings	250,508	0	250,508

Source: Navigant analysis

Note: The verified savings from the three CHP projects (six project numbers) is 25,101 MWh.

1.2 Summary of Achievements

PECO has achieved 28 percent of the May 31, 2016 energy savings compliance target, based on cumulative program inception to date (Phase II) reported gross energy savings², and 28 percent of the energy savings compliance target, based on Phase II-Q-CO³ (or Phase II-CO until

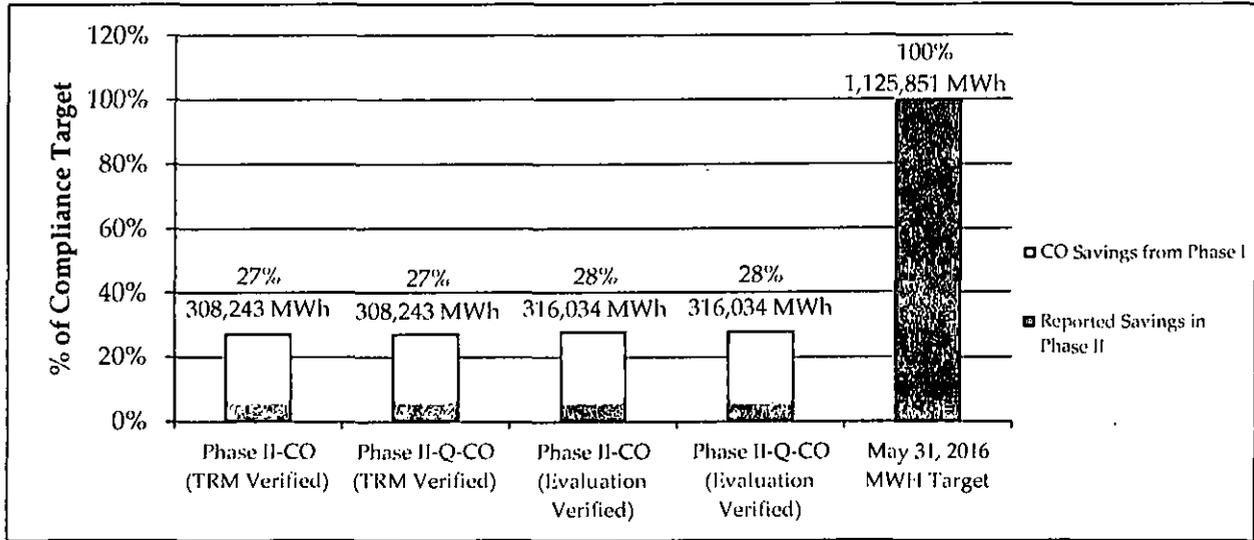
¹ Statewide Evaluator, Guidance Memo GM-021, *Reporting Unverified Energy and Peak Demand Savings for Phase I Projects in the Act 129 Phase I Final Report* (September 13, 2013).

² 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.

³ 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

verified savings are available for PY5) gross energy savings achieved through Quarter 2, as shown in Figure 1-1. (Phase II-Q)⁴ is also shown in Figure 1-1.

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

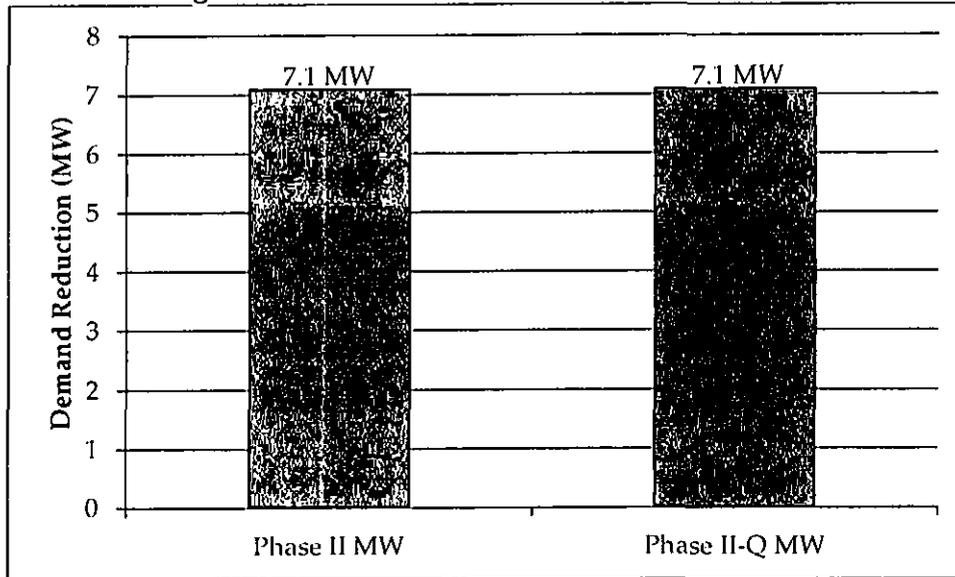


PECO has achieved 7.1 MW of demand reduction during PY5Q2⁵, as shown in Figure 1-2.

⁴ Phase II-Q Gross Savings = CPTD 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 Reported Gross Savings will be the same as no savings will be verified for Phase II until November, after the end of Program Year 5.

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

Figure 1-2: Phase II Portfolio Demand Reduction



There are 18 measures available to the low-income sector at no cost to the customer. These measures offered to the low-income sector therefore comprise 14 percent of the total measures offered. This exceeds Phase II goal, which is the fraction of the electric consumption of the utility's low-income households divided by the total electricity consumption in the PECO territory by (3.1 percent).⁶⁷ The Phase II reported gross energy savings achieved in the low-income sector is 6,636 MWh/year; this is 10 percent of the Phase II total portfolio reported gross energy savings. This exceeds the percentage required (4.5%) of the Phase II goal.

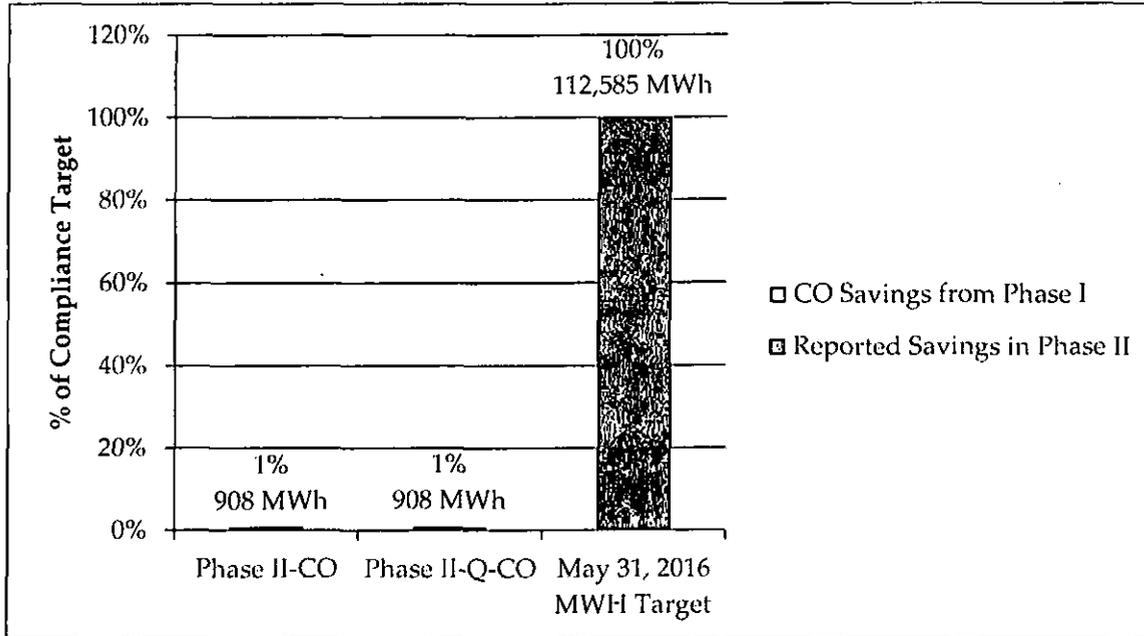
PECO achieved 0.8 percent of the May 31, 2016, energy reduction compliance target for government, nonprofit and institutional sector, based on Phase II reported gross energy savings, and 0.8 percent of the target based on Phase II-Q-CO (or Phase II-CO until verified savings are available for PY5) gross energy savings achieved through Q2, as shown in Figure 1-3. *Note that the energy savings values presented for the GNI sector in this report do not include carryover savings from Phase I. Although the total carryover savings have now been calculated, PECO does not anticipate allocating savings to customer sectors until the PUC has made its final ruling on*

⁶ Based on PECO-supplied data from 2011.

⁷ 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).

verified savings for Phase I. PECO expects to report carryover savings allocated to the GNI sector in its PY5 Annual Report.

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



1.3 Program Updates and Findings

- Smart Appliance Recycling Program:** The SAR program continued to show strong participation under a higher PY5 incentive level, as compared to PY4. Q1 had approximately 1,700 participants, while Q2 participation increased to 2,328, an almost 40% increase for the quarter.
- Smart Home Rebates Program:** In the second quarter of Phase II, Smart Home Rebate lighting measures produced 93 percent of the program’s energy savings and 62 percent of its demand savings (as opposed to 91 percent and 50 percent, respectively, in the first quarter). Non-lighting measures produced the remaining 7 percent of energy savings and 38 percent of demand.

The lighting component of Smart Home Rebates has increased substantially compared with Phase I, with the absorption of standard and specialty CFL sales that were formerly incentivized under Smart Lighting Discounts. Bulb sales for PY5 Q2 were 622,175,

almost double the PY5 Q1 sales (316,740). First and second quarter combined sales are 938,915, and bulb sales for all of PY5 are projected at approximately 2.3 million bulbs. As such, sales are expected to increase in the remaining quarters of PY5. The program is focused predominantly on standard twist CFLs (70%), but with significant emphasis on specialty CFLs (20%) and LEDs (10%) as well.

HVAC measures constituted 89 percent of non-lighting energy savings and 93 percent of non-lighting demand savings while constituting 81 percent of total non-lighting installations. Air source heat pumps and central air conditioners constituted the majority of HVAC energy and demand savings. ENERGY STAR room air conditioners constituted the majority of demand savings from appliances, while heat pump water heaters supplied the majority of energy savings. New measures appearing this quarter were variable speed pool pumps and three fuel switching measures: electric heat to gas heat, domestic hot water electric to gas, and electric to natural gas clothes dryers. PECO did not rebate consumer electronics in this quarter.

- **Smart House Call Program:** This program was launched in PY5 at the start of Phase II for the residential sector. Although there were zero participants in PY5Q1, there were 173 participants in PY5Q2, with reported energy savings of 126,344 kWh and peak demand savings of 9.1 kW. Out of the 173 participants, 27 received assessments and the remaining 146 received audits. Measures installed to date include electric water heater pipe insulation; Energy Star CFLs, LEDs, and LED nightlights; low flow faucet aerators and showerheads; and smart strip plug outlets. The program design is expected to remain as detailed in the approved Phase II Energy Efficiency and Conservation Plan, using a two-tier approach, with a general walk-through assessment available to all PECO residential electric customers and a more comprehensive audit available only to PECO residential electric heat rate customers.
- **Smart Builder Rebates Program:** PECO engaged ICF International (ICF) as the conservation service provider for this program in the second quarter of PY5. ICF is preparing for a soft launch of the program to builders and home energy raters in mid-January. The program will fully launch in February once the tracking system and energy modeling software are programmed. The incentive strategy and savings targets remain as originally planned, with a \$400 base incentive for ENERGY STAR certification, plus \$0.10/kWh for additional energy savings. Program staff expect to reach the target of completing 75 homes in PY5.
- **Smart Energy Saver Program:** PECO began enrolling teachers and their students in the Smart Energy Saver program in mid-September. By mid-October, the program had enrolled 7,003 students, exceeding its enrollment goal of 7,000 and requiring PECO to

close the program to new enrollments for the 2013-2014 school year. The program implementer, Resource Action Programs (RAP), shipped 6,718 kits to participating classrooms; the remaining 285 kits shipped in early December. RAP also began collecting survey from participating classrooms and prepared to ship 5,657 slimmed down versions of kits through the National Energy Education Development (NEED) Project in partnership with PECO's corporate relations team. RAP will ship the slimmed down kits in early December.

- **Smart Usage Profile Program:** This program is a residential behavior program. In Q1 the IC implemented a Randomized Controlled Trial (RCT) by randomly allocating eligible households to a participant group of 44,800 households and a control group of 28,000 households. There are no plans for additional participants in PY5. The first Home Energy Report (HER) was sent to program participants in September/October 2013. Depending on billing cycles, participants received two or three HERs during Q2.
- **Smart Multifamily Solutions Program:** This Phase II program for the Residential, C&I and GNI sectors has begun direct installation services in PY5 Q2 and has thus far incurred an expenditure of \$709,000. In this quarter, the Smart Multifamily (SMF) Solutions program a total of 1,182 participants covering the Residential sector (1,158 participants), C&I sector (22 participants) and GNI sector (2 participants). The program claimed a reported total of 807 MWh of energy savings with 0.1 MW of demand reduction. The evaluation team finalized the program participation logic with PECO staff in the last quarter.
- **Low-Income Energy Efficiency Program:** Participation remains at levels similar to Q1, with 2,268 participants receiving audits as part of Component 1. The large majority of the audits were electric baseload audits. As part of Component 2 3,003 bulbs were installed in LIURP participants' homes, slightly down from Q1. As part of Component 3 73,000 bulbs were distributed to low-income customers, a significant increase over Q1. As part of Component 4 408 refrigerators were replaced.

The majority of program savings accrue from Component 3 measures, which account for 75% of program energy savings and 59% of program demand savings. The remaining savings are broken out across the other components as follows: Component 1 accounts for 17% of energy savings and 30% of demand savings; Component 2 accounts for 2% of energy savings and 2% of demand savings; and Component 4 accounts for 5% of energy savings and 9% of demand savings.

During Q2 PECO launched an education partnership with the Philadelphia Zoo where

children from Title 1 subsidized schools are able to visit the zoo and learn about energy efficiency. PECO anticipates this partnership will continue for the duration of PY5.

- **Smart Equipment Incentives Commercial and Industrial Program:** A total of 57 retrofit projects received rebates from the SEI C&I program in PY5 Q2. A total of 71 projects have received rebates in PY5 Q1 and Q2. These values are lower than in previous years; however, PY5 is the first year in the Phase II cycle and the program has seen a slower launch than expected following a wait list status in Phase I.
- **Smart Construction Incentives Program:** The Smart Construction Incentives (SCI) program incentivized four C&I projects and did not incentivize any GNI projects in the second quarter of PY5. This is likely due to the longer lead time of new construction projects and the effort to process many waitlisted projects to close out PY4 and Phase I. The program also no longer accepts completed projects for retroactive application.
- **Smart Business Solutions Program:** Program field activity began in earnest in the second quarter. Marketing for this program is conducted primarily by door-to-door contacts between CSP auditors and qualified customers. Auditors visit targeted geographic areas with relatively high densities of eligible customers, and go door-to-door presenting the program to business owners. This “neighborhood blitz” approach began in Bucks County in September, 2013 and expanded into Montgomery, Chester, Delaware, and finally Philadelphia County. As of the end of Q2, the program was operating throughout the entire PECO service area. In addition to the neighborhood blitz approach, program auditors now have the capacity to respond to requests for audits that come directly from eligible customers regardless of whether their business is located in a targeted area.
- **Smart On-Site Program:** The Smart On-Site program is a new program in PY5, but it is a spin-off of PECO’s Smart Equipment Incentives program that focuses exclusively on combined heat and power (CHP) systems. By segregating CHP projects from other SEI projects, PECO can offer a different incentive structure that will help to reduce free ridership. This program is implemented by the same CSP as the SEI program and utilizes the same tracking system. As such, the program was up and running as Phase II began. No new projects were completed during the first half of the program year, but PECO anticipates that two CHP projects will have commercial dates of operation in December 2013 (Q3).
- **Smart Equipment Incentives Government, Nonprofit, and Institutional Program:** A total of 12 retrofit projects received rebates from the GNI program in PY5 Q2. A total of 14 projects have received rebates in PY5 Q1 and Q2. These values are lower than in

previous years; however, PY5 is the first year in the Phase II cycle and the program has seen a slower launch than expected following a wait list status.

- **Residential Smart A/C Saver Program:** PECO re-launched the Residential Smart A/C Saver program for PY5 and has 74,739 active participants representing 86,968 active devices at the end of PY5 Q2. The Residential Smart A/C Saver Program was active during the summer months of June through September and PECO called 3 curtailment events totaling approximately 9 hours through Q2 of PY5.
- **Commercial Smart A/C Saver Program:** PECO re-launched the Commercial Smart A/C Saver program for PY5 and has 2,081 active participants representing 3,666 active devices at the end of PY5 Q2. The Commercial Smart A/C Saver Program was active during the summer months of June through September and PECO called 3 curtailment events totaling approximately 9 hours through Q2 of PY5.

1.4 Evaluation Updates and Findings

- **Smart Appliance Recycling Program:** Phone surveys are being conducted quarterly or semi-annually to gather data to support the impact element of the Smart Appliance Recycling Program evaluation. Information from the phone survey will be used to calculate a part-use factor which will then be applied to a gross savings estimate. A phone survey of a sample of approximately 75 Q1 and Q2 participants will be conducted in April 2014 and will be repeated in mid-to-late July 2014 for the remaining 75 completes in the sample.
- **Smart Home Rebates Program:** The M&V completed for the PY5 Q2 report consisted of reviewing the tracking data provided to the evaluation team by PECO program staff, as well as reviewing all manufacturer invoices received and approved by PECO and Ecova through the end of November 2013. After confirming consistency between the manufacturer invoices and the program tracking data, Navigant used the tracking data to verify the reported PY5 Q2, program year-to-date (PYTD), and Phase II savings⁸.
- **Smart House Call Program:** The M&V completed for the PY5 Q2 report consisted of reviewing the tracking data provided to the evaluation team by PECO program staff, as well as reviewing all invoices from the CSP received and approved by PECO for labor

⁸ Note that there is a discrepancy with 17 of the records associated with this program and will be resolved in the third quarter report.

and onsite audit and assessment costs through the end of November 2013. After confirming consistency between the CSP invoices and the program tracking data, Navigant used the tracking data to verify the reported PY5 Q2, PYTD, and Phase II savings, which in this case are all equal, since this is the first quarter with participants in the program.

- **Smart Builder Rebates Program:** There were no M&V activities completed for PY5 Q2 as the program has yet to certify any new homes. The evaluation plan was revised per the SWE's suggestions. Navigant conducted a sensitivity analysis of the program's TRC test resulting from potential changes to the program design based on implementation contractor proposals. Navigant also worked with ICF and PECO program staff to scope out data to be collected from program participants for savings calculations. Navigant reviewed the TRM protocols and listed the measures applicable for ENERGY STAR homes savings calculations, along with the calculation method (REM/Rate files vs. TRM) and the inputs needed for TRM deemed measure calculations. Navigant is also working with ICF staff to review the rebate claim form and other program documentation to incorporate evaluation data needs into the tracking system design.
- **Smart Energy Saver:** Second quarter PY5 evaluation activities were limited to providing PECO staff with guidance regarding TRM values and calculations and check-in meetings with program staff as needed.
- **Smart Usage Profile Program:** The M&V completed for PY5 Q2 consisted of reviewing the invoice data provided to the evaluation team by PECO program staff. Savings values were unavailable at the time of the Q2 report and are therefore listed as zero. Annual savings for all participants will be reported in Q3. Behavior programs such as SUP are assumed to have a one-year measure life. Savings that accrue to this program will be reported and verified each year, but will decay to zero at the completion of the program year. Therefore, savings achieved in PY7 will count towards compliance targets, while savings achieved in PY5 and PY6 will not.
- **Smart Multifamily Solutions Program:** The evaluation team will complete a sample design based on the PYTD completed projects for the *Residential*, *C&I* and *GNI* sectors to achieve an 85/15 (or better) level of confidence and relative precision at the program level. As part of the gross impact evaluation activities for PY5, the team plans to complete an engineering review of project level tracking data and the algorithms / assumptions used by the Implementation Conservation Service Provider (CSP) for the sampled projects. In depth interviews with PECO / CSP personnel are planned to be completed by April to assess the effectiveness of the program and to identify any barriers or potential improvements to the program implementation.

- **Low-Income Energy Efficiency Program:** The M&V completed for PY5 Q2 consisted of reviewing the tracking data provided to the evaluation team by PECO program staff and accompanying the implementer during 10 audits. Upcoming evaluation tasks include in-depth interviews with the PECO program manager and IC staff and a review of the tracking system.
- **Smart Equipment Incentives Commercial and Industrial Program:** The evaluation of the SEI C&I program will align closely with the PY4 evaluation in terms of approaches and tasks. The team will complete a sample design based on Q1 and Q2 completed projects and pipeline projects that achieves an 85/15 or better level of confidence and relative precision at the program level. The team plans to complete pre-installation site visits where appropriate, and to begin post-installation field verification in March 2014. In depth interviews with PECO / CSP personnel are underway and are planned to be completed by January 2014 to assess the effectiveness of the program and to identify any barriers or potential improvements to the program implementation. Participant interview guides will be designed and fielded, and contractor focus groups are planned to be completed by late June or early July 2014.
- **Smart Construction Incentives Program:** PY5 evaluation activities are beginning in PY5 Q3 with a review of program documentation and in-depth interviews with program staff. The impact evaluation will begin once Q3 data is available. Navigant will conduct the next process and net-to-gross evaluations in PY6.
- **Smart Business Solutions Program:** Evaluation activity during PY5 Q2 consisted primarily of bi-weekly telephone conversations with the program manager to discuss the status of program roll-out, program performance indicators (numbers of audits conducted, numbers of contracts signed, projected MWh for projects under contract and MWh savings from completed projects), and any difficulties the program may have encountered so far. All indications are that this program has had a very successful launch, is being implemented and managed competently, and is making steady progress toward achieving its MWh goal.
- **Smart On-Site Program:** Evaluation activity during PY5 Q2 consisted primarily of periodic discussions with the program manager regarding the status of projects currently under construction and the current list of pipeline projects. The evaluator also conducted a thorough review of program materials during Q2.
- **Smart Equipment Incentives Government, Nonprofit, and Institutional Program:** The evaluation of the SEI GNI program will align closely with the PY4 evaluation in terms of

approaches and tasks. The team will complete a sample design based on Q1 and Q2 completed projects and pipeline projects that achieves an 85/15 or better level of confidence and relative precision at the program level. The team plans to complete pre-installation site visits where appropriate, and to begin post-installation field verification in March 2014. In depth interviews with PECO / CSP personnel are underway and are planned to be completed by January 2014 to assess the effectiveness of the program and to identify any barriers or potential improvements to the program implementation. Participant interview guides will be designed and fielded, and contractor focus groups are planned to be completed by late June or early July 2014.

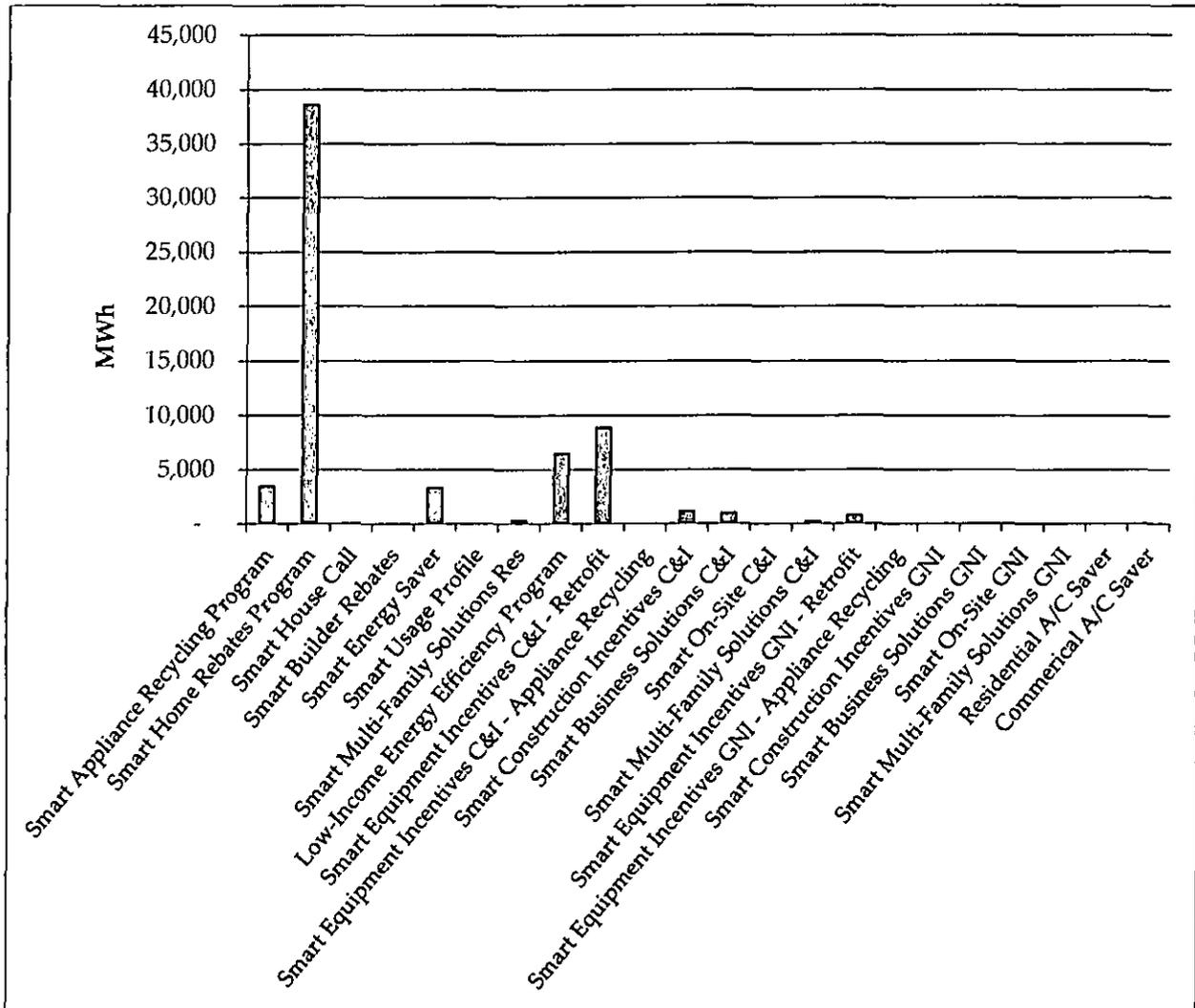
- **Residential and Commercial Smart A/C Saver Programs:** The Residential and Commercial Smart A/C Saver programs have been re-launched for PY5. PECO planned fewer conservation events in PY5 compared to PY4, and during the summer cooling season PECO called two conservation events in July 2013 totaling approximately 6 hours and one conservation event in September 2013 totaling approximately 3 hours. PECO added 550 residential Smart A/C Saver program participants before closing further enrollments in 2013. No new Commercial Smart A/C Saver participants were added in 2013. Reductions in the participant rate for both the Residential and Commercial Smart A/C Saver programs can be attributed to normal participant attrition due to moves, business closures, etc. in the absence of concerted recruitment of new participants by PECO.

Beginning January 2014, the Navigant team will collect information on verification and due diligence procedures during in-depth interviews with PECO and implementation contractor staff.

2 Summary of Energy Impacts by Program

A summary of the reported energy savings by program through the second quarter of Phase II 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 the second quarter of PY5 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
Residential	13,667	18,850	18,850	31,479	46,275	46,275	46,275
Smart Appliance Recycling Program	2,328	4,024	4,024	2,068	3,575	3,575	3,575
Smart Home Rebates Program ²	3,293	6,780	6,780	25,390	38,679	38,679	38,679
Smart House Call	170	170	170	126	126	126	126
Smart Builder Rebates	0	0	0	0	0	0	0
Smart Energy Saver	6,718	6,718	6,718	3,460	3,460	3,460	3,460
Smart Usage Profile	0	0	0	0	0	0	0
Smart Multi-Family Solutions Res ⁴	1,158	1,158	1,158	434	434	434	434
Low-Income Energy Efficiency Program Total³	2,268	4,887	4,887	4,747	6,636	6,636	6,636
Low-Income Energy Efficiency Program	2,268	4,887	4,887	4,747	6,636	6,636	6,636
Non-Residential	179	202	202	11,506	12,615	12,615	12,615
Commercial and Industrial Total	164	185	185	10,751	11,707	11,707	11,707
Smart Equipment Incentives C&I - Retrofit	57	71	71	8,052	9,003	9,003	9,003
Smart Equipment Incentives C&I - Appliance Recycling	14	21	21	15	21	21	21
Smart Construction Incentives C&I	4	4	4	1,255	1,255	1,255	1,255
Smart Business Solutions C&I	67	67	67	1,072	1,072	1,072	1,072
Smart On-Site C&I	0	0	0	0	0	0	0
Smart Multi-Family Solutions C&I ⁴	22	22	22	356	356	356	356
Government / Nonprofit Total	15	17	17	755	908	908	908
Smart Equipment Incentives GNI - Retrofit	12	14	14	719	872	872	872
Smart Equipment Incentives GNI - Appliance Recycling	0	0	0	0	0	0	0
Smart Construction Incentives GNI	0	0	0	0	0	0	0
Smart Business Solutions GNI	1	1	1	19	19	19	19
Smart On-Site GNI	0	0	0	0	0	0	0
Smart Multi-Family Solutions GNI ⁴	2	2	2	16	16	16	16
Demand Reduction	-1,089	76,820	76,820	0	0	0	0
Residential A/C Saver ⁵	-1,052	74,739	74,739	0	0	0	0
Commercial A/C Saver ⁵	-37	2,081	2,081	0	0	0	0
Total Portfolio	15,025	100,759	100,759	47,732	65,526	65,526	65,526
Carry Over Savings from Phase I (TRM Verified Savings)							242,717
Carry Over Savings from Phase I (Evaluation Verified Savings)							250,508
Total Phase II-Q-CO (TRM Verified Savings)							308,243
Total Phase II-Q-CO (Evaluation Verified Savings)							316,034

NOTES:

¹ Preliminary Realization Rates are based on evaluation activities and findings conducted on a partial sample set. These realization rates are not based on a statistically significant sample and are subject to change until the full evaluation is complete at the end of the program year

²Participant values exclude sales of CFLs, EnergyStar lighting fixtures and LED lamps, for which upstream rebates are provided.

³Act 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 legislation contains no provisions regarding targets for participation, or energy or demand savings. Participation includes only those receiving the Weatherization Audit.

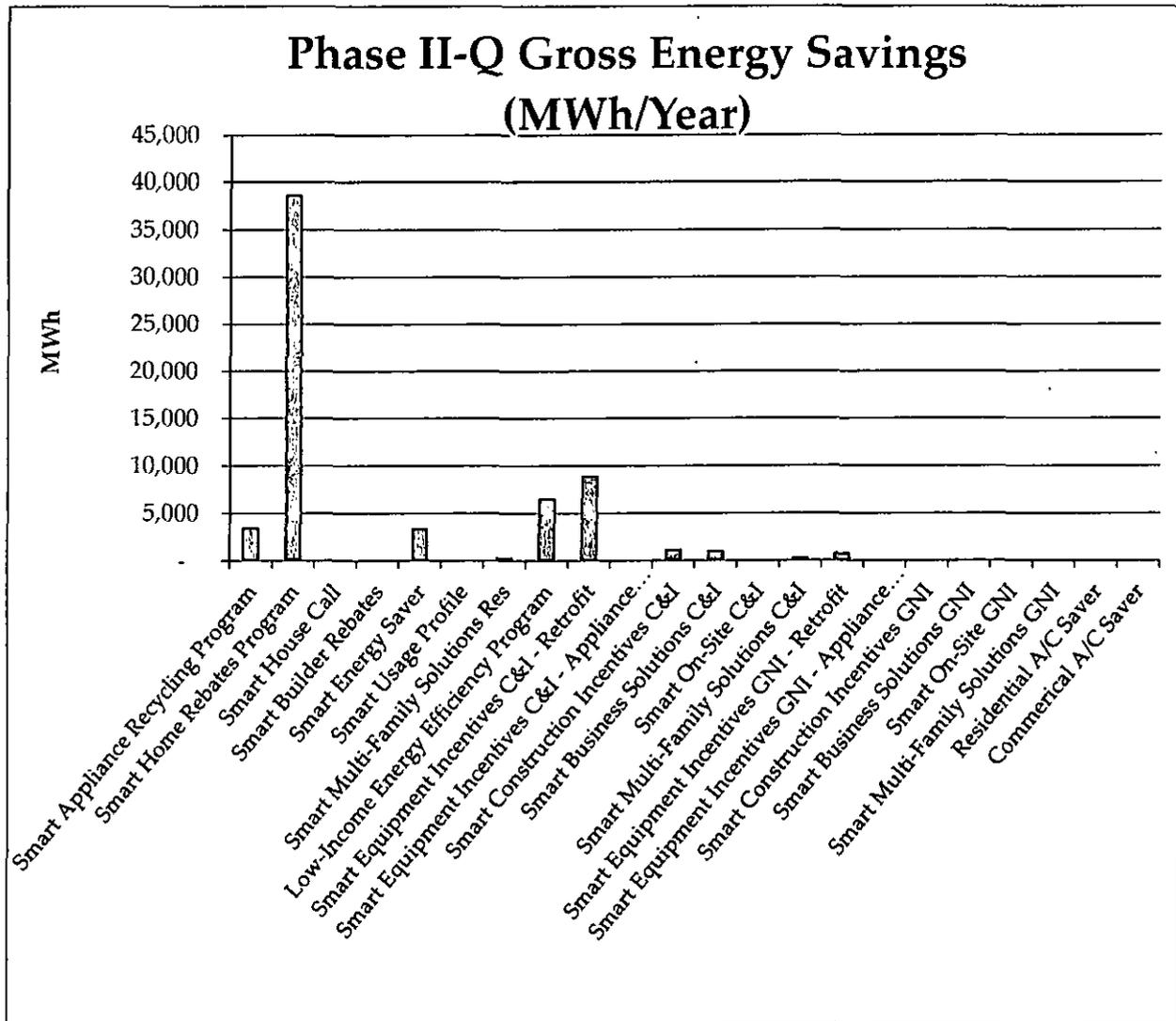
⁴The participation values shown here reflect the number of bill account IDs in the tracking system, rather than the number of project IDs. For the residential sector, each unit has a unique billing ID. For the Commercial and CNI sector, there may be more than one unit under a single bill account ID (master meter) at the multifamily property.

⁵ Reductions in the participant rate for both the Residential and Commercial Smart A/C Saver programs can be attributed to normal participant attrition due to moves, business closures, etc. in the absence of concerted recruitment of new participants by PECO.

3 Summary of Demand Impacts by Program

A summary of the reported demand reduction by program through the second quarter of Phase II 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 PY5 Q2 is presented in Table 3-1. Note that all demand reduction values have been adjusted to account for line losses.

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
Residential	13,667	18,850	18,850	2.8	4.5	4.5	4.5
Smart Appliance Recycling Program	2,328	4,024	4,024	0.3	0.5	0.5	0.5
Smart Home Rebates Program ²	3,293	6,780	6,780	2.2	3.6	3.6	3.6
Smart House Call	170	170	170	0.0	0.0	0.0	0.0
Smart Builder Rebates	0	0	0	0.0	0.0	0.0	0.0
Smart Energy Saver	6,718	6,718	6,718	0.3	0.3	0.3	0.3
Smart Usage Profile	0	0	0	0.0	0.0	0.0	0.0
Smart Multi-Family Solutions Res ³	1,158	1,158	1,158	0.0	0.0	0.0	0.0
Low-Income Energy Efficiency Program Total³	2,268	4,887	4,887	0.3	0.4	0.4	0.4
Low-Income Energy Efficiency Program	2,268	4,887	4,887	0.3	0.4	0.4	0.4
Non-Residential	179	202	202	2.1	2.2	2.2	2.2
Commercial and Industrial Total	164	185	185	1.9	2.0	2.0	2.0
Smart Equipment Incentives C&I - Retrofit	57	71	71	1.5	1.6	1.6	1.6
Smart Equipment Incentives C&I - Appliance Recycling	14	21	21	0.0	0.0	0.0	0.0
Smart Construction Incentives C&I	4	4	4	0.2	0.2	0.2	0.2
Smart Business Solutions C&I	67	67	67	0.2	0.2	0.2	0.2
Smart On-Site C&I	0	0	0	0.0	0.0	0.0	0.0
Smart Multi-Family Solutions C&I ⁴	22	22	22	0.0	0.0	0.0	0.0
Government / Nonprofit Total	15	17	17	0.2	0.2	0.2	0.2
Smart Equipment Incentives GNI - Retrofit	12	14	14	0.1	0.2	0.2	0.2
Smart Equipment Incentives GNI -Appliance Recycling	0	0	0	0.0	0.0	0.0	0.0
Smart Construction Incentives GNI	0	0	0	0.0	0.0	0.0	0.0
Smart Business Solutions GNI	1	1	1	0.0	0.0	0.0	0.0
Smart On-Site GNI	0	0	0	0.0	0.0	0.0	0.0
Smart Multi-Family Solutions GNI ⁴	2	2	2	0.0	0.0	0.0	0.0
Demand Reduction	-1,089	76,820	76,820	0.0	0.0	0.0	0.0
Residential A/C Saver ⁵	-1,052	74,739	74,739	0.0	0.0	0.0	0.0
Commercial A/C Saver ⁵	-37	2,081	2,081	0.0	0.0	0.0	0.0
Total Portfolio	15,025	100,759	100,759	5.2	7.1	7.1	7.1

NOTES:

¹ Preliminary Realization Rates are based on evaluation activities and findings conducted on a partial sample set. These realization rates are not based on a statistically significant sample and are subject to change until the full evaluation is complete at the end of the program year

² Participant values exclude sales of CFLs, EnergyStar lighting fixtures and LED lamps, for which upstream rebates are provided.

³ 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)(C). The legislation contains no provisions regarding targets for participation, or energy or demand savings.

Participation includes only those receiving the Weatherization Audit.

⁴ The participation values shown here reflect the number of bill account IDs in the tracking system, rather than the number of project IDs. For the residential sector, each unit has a unique billing ID. For the Commercial and GNI sector, there may be more

than one unit under a single bill account ID (master meter) at the multifamily property.

⁵ Reductions in the participant rate for both the Residential and Commercial Smart A/C Saver programs can be attributed to normal participant attrition due to moves, business closures, etc. in the absence of concerted recruitment of new participants by PECO.

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 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$6,532	\$11,468	\$11,468
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$6,532	\$11,468	\$11,468
Design & Development	\$0	\$0	\$0
Administration, Management and Technical Assistance ⁽¹⁾	\$7,357	\$14,259	\$14,259
Marketing	\$1,093	\$1,961	\$1,961
Subtotal EDC Implementation Costs	\$8,450	\$16,220	\$16,220
EDC Evaluation Costs	\$357	\$818	\$818
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs⁽²⁾	N/A	N/A	N/A
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 – Smart Appliance Recycling Program

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$85	\$148	\$148
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$85	\$148	\$148
Design & Development	\$0	\$0	\$0
Administration, Management and Technical Assistance ⁽¹⁾	\$213	\$364	\$364
Marketing	\$0	\$6	\$6
Subtotal EDC Implementation Costs	\$213	\$370	\$370
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs⁽²⁾	N/A	N/A	N/A
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			

Table 4-3: Summary of Program Finances – Smart Home Rebates Program

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$1,894	\$2,995	\$2,995
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$1,894	\$2,995	\$2,995
Design & Development	\$0	\$0	\$0
Administration, Management and Technical Assistance ⁽¹⁾	\$867	\$1,737	\$1,737
Marketing	\$0	\$6	\$6
Subtotal EDC Implementation Costs	\$867	\$1,743	\$1,743
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs⁽²⁾	N/A	N/A	N/A
Participant Costs⁽³⁾	N/A	N/A	N/A
Total TRC Costs⁽⁴⁾	N/A	N/A	N/A
<p>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. ¹Includes 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 ²Per 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</p>			

Table 4-4: Summary of Program Finances – Smart House Call

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Design & Development	\$0	\$0	\$0
Administration, Management and Technical Assistance ⁽¹⁾	\$809	\$809	\$809
Marketing	\$27	\$27	\$27
Subtotal EDC Implementation Costs	\$836	\$836	\$836
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs⁽²⁾	N/A	N/A	N/A
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			

Table 4-5: Summary of Program Finances – Smart Builder Rebates

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Design & Development	\$0	\$0	\$0
Administration, Management and Technical Assistance ⁽¹⁾	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$0	\$0	\$0
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs⁽²⁾	N/A	N/A	N/A
Participant Costs⁽³⁾	N/A	N/A	N/A
Total TRC Costs⁽⁴⁾	N/A	N/A	N/A
NOTES			
<p><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></p>			
<p>¹Includes 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</p>			
<p>²Per 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.</p>			
<p>³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.</p>			
<p>⁴Total TRC Costs = Total EDC Costs + Participant Costs</p>			

Table 4-6: Summary of Program Finances – Smart Energy Saver

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Design & Development	\$0	\$0	\$0
Administration, Management and Technical Assistance ^[1]	\$296	\$304	\$304
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$296	\$304	\$304
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs^[2]	N/A	N/A	N/A
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			

Table 4-7: Summary of Program Finances – Smart Usage Profile

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Design & Development	\$0	\$0	\$0
Administration, Management and Technical Assistance ⁽¹⁾	\$78	\$489	\$489
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$78	\$489	\$489
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs⁽²⁾	N/A	N/A	N/A
Participant Costs⁽³⁾	N/A	N/A	N/A
Total TRC Costs⁽⁴⁾	N/A	N/A	N/A
<p>NOTES</p> <p><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></p> <p>¹Includes 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</p> <p>²Per 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.</p> <p>³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.</p> <p>⁴Total TRC Costs = Total EDC Costs + Participant Costs</p>			

Table 4-8: Summary of Program Finances – Low-Income Energy Efficiency Program

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Design & Development	\$0	\$0	\$0
Administration, Management and Technical Assistance ¹	\$1,512	\$2,511	\$2,511
Marketing	\$13	\$13	\$13
Subtotal EDC Implementation Costs	\$1,525	\$2,524	\$2,524
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs²	N/A	N/A	N/A
Participant Costs³	N/A	N/A	N/A
Total TRC Costs⁴	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			

Table 4-9: Summary of Program Finances – Smart Equipment Incentives C&I

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$631	\$714	\$714
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$631	\$714	\$714
Design & Development	\$0	\$0	\$0
Administration, Management and Technical Assistance ^[1]	\$1,063	\$2,120	\$2,120
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$1,063	\$2,120	\$2,120
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs^[2]	N/A	N/A	N/A
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 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 for the Smart Equipment Incentives retrofit and appliance recycling programs.			
^[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 4-10: Summary of Program Finances – Smart Construction Incentives C&I

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$113	\$113	\$113
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$113	\$113	\$113
EDC Implementation Costs			
Design & Development	\$0	\$0	\$0
	\$255	\$510	\$510
Administration, Management and Technical Assistance ^[1]			
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$255	\$510	\$510
EDC Evaluation Costs			
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs^[2]	N/A	N/A	N/A
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 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			

Table 4-11: Summary of Program Finances – Smart Business Solutions C&I and GNI

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
EDC Implementation Costs			
Design & Development	\$0	\$0	\$0
	\$215	\$230	\$230
Administration, Management and Technical Assistance ^[1]			
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$215	\$230	\$230
EDC Evaluation Costs			
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs^[2]	N/A	N/A	N/A
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A
NOTES			
<p><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></p> <p>^[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 for both the Smart Business Solutions C&I and GNI programs.</p> <p>^[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.</p> <p>^[3] Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.</p> <p>^[4] Total TRC Costs = Total EDC Costs + Participant Costs</p>			

Table 4-12: Summary of Program Finances – Smart On-Site

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Design & Development	\$0	\$0	\$0
Administration, Management and Technical Assistance ⁽¹⁾	\$164	\$167	\$167
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$164	\$167	\$167
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs⁽²⁾	N/A	N/A	N/A
Participant Costs⁽³⁾	N/A	N/A	N/A
Total TRC Costs⁽⁴⁾	N/A	N/A	N/A
<p>NOTES</p> <p><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></p> <p>¹Includes 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 for both the Smart On-Site C&I and GNI programs.</p> <p>²Per 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.</p> <p>³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.</p> <p>⁴ Total TRC Costs = Total EDC Costs + Participant Costs</p>			

Table 4-13: Summary of Program Finances –Smart Multifamily Solutions C&I and GNI

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
EDC Implementation Costs			
Design & Development	\$0	\$0	\$0
	\$190	\$345	\$345
Administration, Management and Technical Assistance ^[1]			
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$190	\$345	\$345
EDC Evaluation Costs			
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs^[2]	N/A	N/A	N/A
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A
NOTES			
<p><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></p> <p>¹Includes 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 for both the Smart Multifamily Solutions C&I and GNI programs.</p> <p>²Per 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.</p> <p>³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.</p> <p>⁴ Total TRC Costs = Total EDC Costs + Participant Costs</p>			

Table 4-14: Summary of Program Finances –Smart Multifamily Solutions Residential

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
Design & Development	\$0	\$0	\$0
	\$214	\$364	\$364
Administration, Management and Technical Assistance ^[1]			
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$214	\$364	\$364
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs^[2]	N/A	N/A	N/A
Participant Costs^[3]	N/A	N/A	N/A
Total TRC Costs^[4]	N/A	N/A	N/A
<p>NOTES</p> <p><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></p> <p>¹Includes the administrative CSP (rebate processing), direct installation services, tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance</p> <p>²Per 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.</p> <p>³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.</p> <p>⁴ Total TRC Costs = Total EDC Costs + Participant Costs</p>			

Table 4-15: Summary of Program Finances – Smart Equipment Incentives GNI

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$119	\$134	\$134
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$119	\$134	\$134
EDC Implementation Costs			
Design & Development	\$0	\$0	\$0
	\$533	\$1,266	\$1,266
Administration, Management and Technical Assistance ⁽¹⁾			
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$533	\$1,266	\$1,266
EDC Evaluation Costs			
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs⁽²⁾	N/A	N/A	N/A
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), direct installation services, tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance for the Smart Equipment Incentives GNI - Retrofit, Smart Equipment Incentives GNI – Appliance Recycling, and Smart Construction Incentives GNI programs.			
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 4-16: Summary of Program Finances – Residential AC Saver Program

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$3,531	\$7,052	\$7,052
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$3,531	\$7,052	\$7,052
EDC Implementation Costs			
Design & Development	\$0	\$0	\$0
Administration, Management and Technical Assistance ¹¹	\$47	\$606	\$606
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$47	\$606	\$606
EDC Evaluation Costs			
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs²¹	N/A	N/A	N/A
Participant Costs³¹	N/A	N/A	N/A
Total TRC Costs⁴¹	N/A	N/A	N/A
NOTES			
<p><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></p> <p>¹¹Includes 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</p> <p>²¹Per 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.</p> <p>³¹ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.</p> <p>⁴¹ Total TRC Costs = Total EDC Costs + Participant Costs</p>			

Table 4-17: Summary of Program Finances – Commercial AC Saver Program

	Quarter (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$159	\$314	\$314
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$159	\$314	\$314
EDC Implementation Costs			
Design & Development	\$0	\$0	\$0
Administration, Management and Technical Assistance ⁽¹⁾	\$0	\$0	\$0
Marketing	\$0	\$0	\$0
Subtotal EDC Implementation Costs	\$0	\$0	\$0
EDC Evaluation Costs			
EDC Evaluation Costs	\$0	\$0	\$0
SWE Audit Costs	N/A	N/A	N/A
Total EDC Costs⁽²⁾	N/A	N/A	N/A
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 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			

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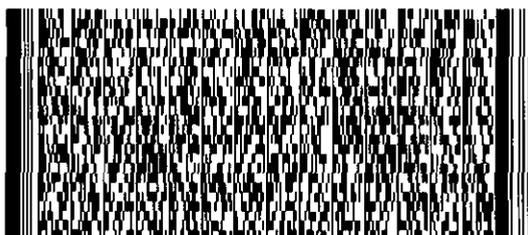
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