

Quarterly Report to the Pennsylvania Public Utility Commission

**For the Period
June 1, 2012 through August 31, 2012
Program Year 4, Quarter 1**

For Pennsylvania Act 129 of 2008
Energy Efficiency and Conservation Plan

Prepared by ADM Associates, Inc.

For

West Penn Power Company

October 15, 2012

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Acronyms

C & I	Commercial and Industrial
CATI	Computer-Aided Telephone Interview
CFL	Compact Fluorescent Lamp
CPITD	Cumulative Program/Portfolio Inception to Date
CPITD-Q	Cumulative Program/Portfolio Inception through Current Quarter
CVR	Conservation Voltage Reduction
CVRf	Conservation Voltage Reduction factor
DLC	Direct Load Control
EDC	Electric Distribution Company
EE&C	Energy Efficiency and Conservation
EM&V	Evaluation, Measurement, and Verification
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
PUC	Public Utility Commission
PY1	Program Year 2009
PY2	Program Year 2010
PY3	Program Year 2011
PY3TD	Program/Portfolio Year Three to Date
SEER	Seasonal Energy Efficiency Rating
SWE	Statewide Evaluator
TRC	Total Resource Cost
TRM	Technical Reference Manual

1 Overview of Portfolio

Pennsylvania Act 129 of 2008 signed on October 15, 2008, mandated energy savings and demand reduction goals for the largest electric distribution companies (EDCs) in Pennsylvania. Each EDC submitted energy efficiency and conservation (EE&C) plans—which were approved by the Pennsylvania Public Utility Commission (PUC)—pursuant to these goals. This report documents the progress and effectiveness of the EE&C accomplishments for West Penn Power Company (“West Penn” or “Company”) in the 1st quarter of Program Year 4 (PY4), defined as June 1, 2012 through August 31, 2012, as well as the cumulative accomplishments of the programs since inception.

Other Observations and Risks That May Affect Portfolio Success

The Company continues to have ongoing concerns about its ability to achieve the May 31, 2013 3 percent energy efficiency and 4½ percent demand reduction targets. With respect to the 3 percent energy efficiency target, the concern primarily relates to budget constraints and a slow ramp-up in savings prior to portfolio plan changes implemented following the FirstEnergy merger. With respect to the 4½ percent demand reduction target, the concern is based on: (i) the magnitude of the MW goal; (ii) customers ability and willingness to curtail sufficient load for approximately 20 days within a four month window specific to the top 100 hours; (iii) the Company’s ability to accurately forecast when the top 100 hours will occur recognizing weather and economic factors; and (iv) budget constraints which limit the companies ability to overcome forecasting and participation risks.

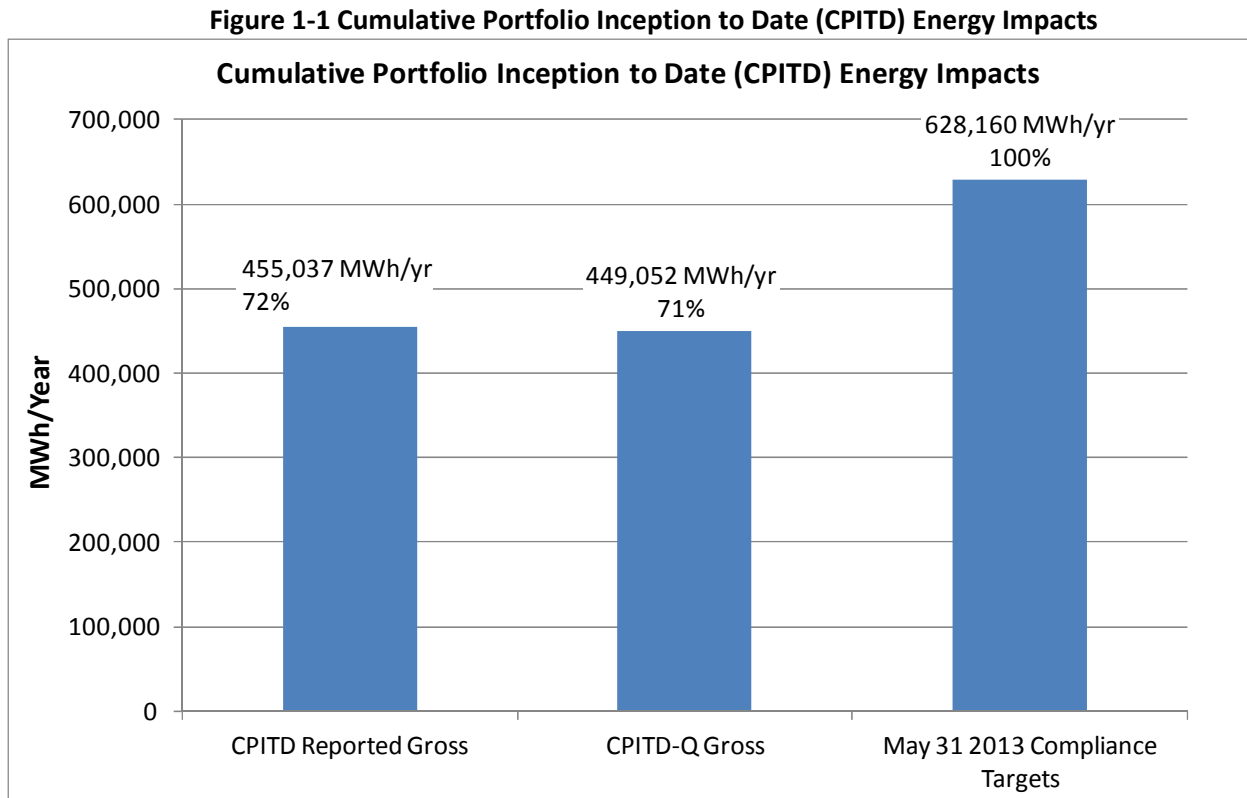
Further concerns revolve around the differing amount of funding available for compliance purposes – something noted by the Commission in its May 10, 2012 implementation Order for Phase II of Act 129¹. West Penn has the smallest Phase I compliance budget among any of the Pennsylvania EDCs. This when coupled with the fact that West Penn has the lowest electric rates in the Commonwealth, creates several obstacles not faced by other EDCs and makes goal attainment very challenging.

Notwithstanding these difficulties, the Company is diligently working with its implementation team and implementation and evaluation Conservation Service Providers (“CSPs”) to evaluate current programs and identify the most effective and most economic approach for achieving potential Act 129 targets.

¹ See Docket No M-2012-2289411.

1.1 Summary of Achievements

West Penn has achieved 72 percent of the May 31, 2013 energy savings compliance target, based on cumulative program inception to date (CPITD) reported gross energy savings², and 71 percent of the energy savings compliance target, based on CPITD gross energy savings achieved through Quarter 1 (CPITD-Q)³, as shown in **Figure 1-1**.

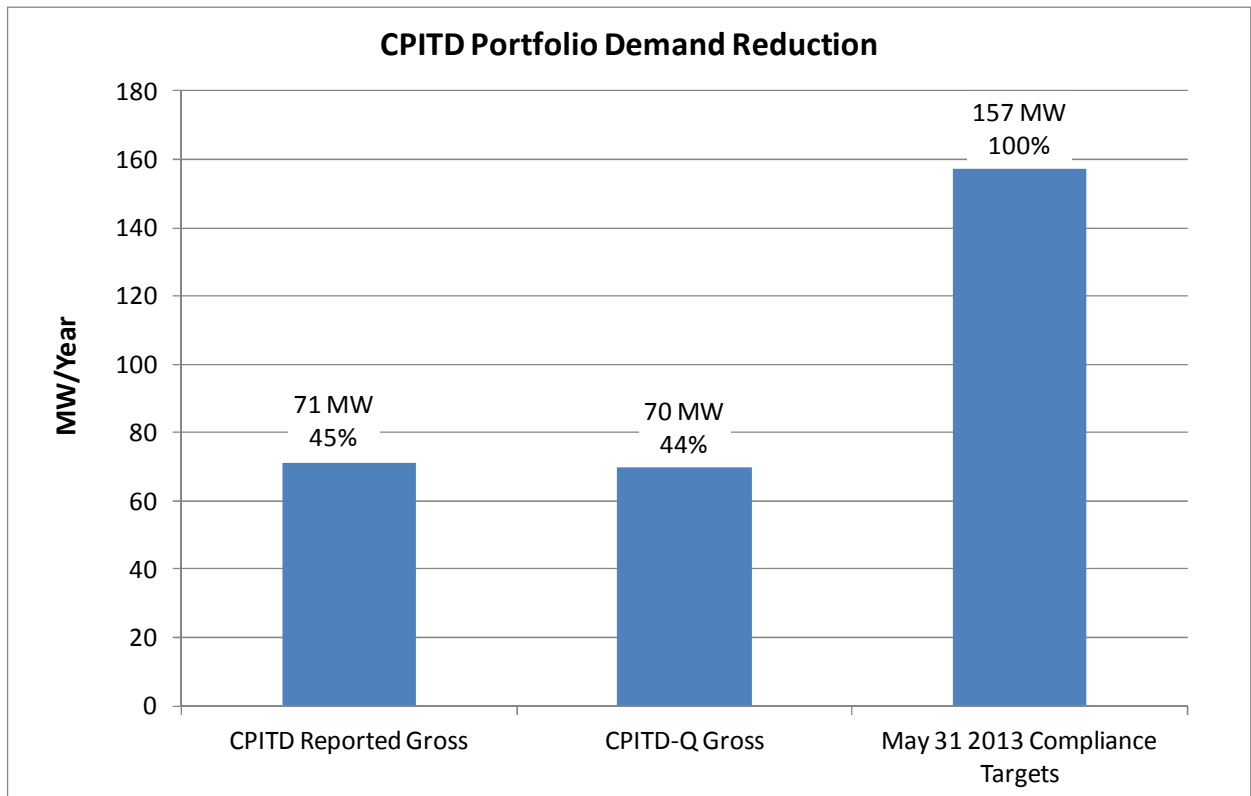


² CPITD Reported Gross Savings = CPITD Reported Gross Savings through PY3 + PYTD Reported Gross Savings. All savings reported as CPITD reported gross savings are computed this way.

³ CPITD-Q Gross Savings = CPITD Verified Gross Savings through PY3 + PYTD Reported Gross Savings. All savings reported as CPITD-Q gross savings are computed this way. CPITD-Q savings provide the best available estimate of savings achieved through the current quarter. CPITD Verified Gross Savings will be reported in the annual report.

West Penn has achieved 45 percent of the May 31, 2013 demand reduction compliance target, based on CPITD reported gross demand reduction and 44 percent of the demand reduction compliance target based on CPITD gross demand reduction achieved through Quarter 1 (CPITD-Q)⁴, as shown in **Figure 1-2**⁵.

Figure 1-2. CPITD Portfolio Demand Reduction



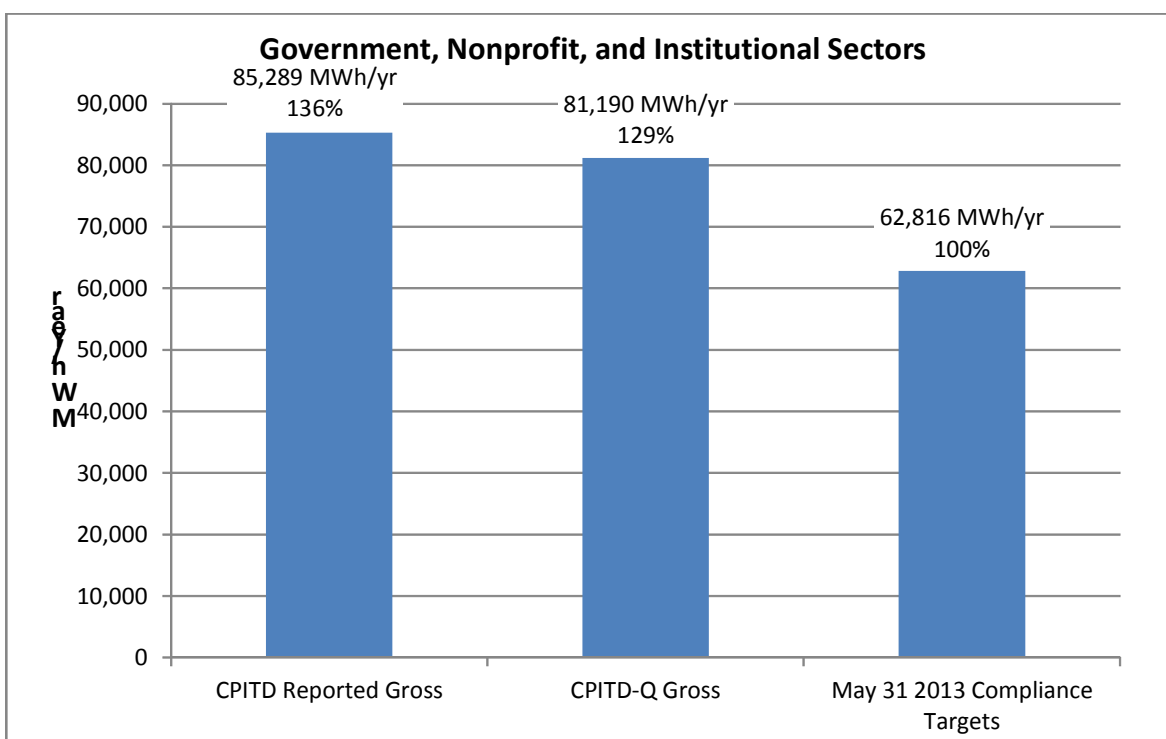
⁴ CPITD-Q Gross Savings = CPITD Verified Gross Savings through PY3 + PYTD Reported Gross Savings. All savings reported as CPITD-Q gross savings are computed this way. CPITD-Q savings provide the best available estimate of savings achieved through the current quarter. CPITD Verified Gross Savings will be reported in the annual report.

⁵ These figures only include contributions from Energy Efficiency Programs.

There are 10 measures available to the low-income sector. The measures offered to the low-income sector therefore comprise 24 percent of the total measures offered. As required by Act 129, this exceeds the fraction of the electric consumption of the utility’s low-income households divided by the total electricity consumption in the West Penn Power territory. (10 percent).⁶ The CPITD reported gross energy savings achieved in the low-income sector is 69,222 MWh/yr; this is 15 percent of the CPITD total portfolio reported gross energy savings.

West Penn achieved 136 percent of the May 31, 2013, energy reduction compliance target for government, nonprofit and institutional sector, based on CPITD reported gross energy savings, and 129 percent of the target based on CPITD gross energy savings achieved through Quarter 1 (CPITD-Q),⁷ as shown in Figure 1-3.

Figure 1-3 Government, Nonprofit, and Institutional Sectors



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

⁷ CPITD-Q Gross Savings = CPITD Verified Gross Savings through PY3 + PYTD Reported Gross Savings. All savings reported as CPITD-Q gross savings are computed this way. CPITD-Q savings provide the best available estimate of savings achieved through the current quarter. CPITD Verified Gross Savings will be reported in the annual report.

1.2 Program Updates and Findings

On October 28, 2011, the Commission approved West Penn’s interim Amended Plan filed in Docket No. M-2009-2093218. The Amended Plan aligned WPP’s Energy Efficiency and Conservation (“EE&C”) Plan with the other FirstEnergy Pennsylvania Utilities.

- **Residential Appliance Turn-In Program:** There were no changes to this program during PY4 Q1.
- **Residential Energy Efficient Products Program:** There were no changes to this program during PY4 Q1.
- **Residential Energy Efficiency HVAC Equipment Program:** There were no changes to this program during PY4 Q1.
- **Residential Home Performance Program:** The CFL Opt-in measure closed during PY4 Q1 as well as the Energy Savers Reward measure. During this time we launched the Walk Thru/Whole House measure and enrolled 18 contractors. We also launched the Behavior Modification measure by mailing Home Energy Reports to over 150,000 selected participants. Results for this measure will be provided on a quarterly basis going forward.
- **Critical Peak Rebate (CPR) Rate:** The program began operation starting June 1 with curtailment events being called based on a forecast of a Top 100 hour. The program will continue to operate through September 30, 2012.
- **Limited Income Energy Efficient Program (LIEEP):** Implemented changes approved by the Commission in the amended plan related to savings and budget.
- **Joint Utility Usage Management Program:** Implemented changes approved by the Commission in the amended plan. The program includes a broader scope so additional customers can participate and also includes referrals to Natural Gas Distribution Company’s (NGDC’s). West Penn and NGDC’s will attempt to coordinate schedules (e.g. If both utilities cannot be scheduled at the same time, each utility will schedule a work time that is convenient for the customer).
- **Commercial & Industrial Equipment Program – Small:** There were no changes to this program during PY4 Q1.
- **Time of Use (TOU) with Critical Peak Pricing (CPP) Rate:** There were no changes to this program during PY4 Q1.
- **Commercial & Industrial Equipment Program – Large:** There were no changes to this program during PY4 Q1.
- **Customer Load Response:** The program began operation starting June 1 with curtailment events being called based on a forecast of a Top 100 hour. The program will continue to operate through September 30, 2012.
- **Customer Resources Demand Response Program:** The program began operation starting June 1 with curtailment events being called based on a forecast of a Top 100 hour. The program will continue to operate through September 30, 2012.
- **Distributed Generation:** This program was removed from West Penn’s Plan under docket M-2009-2093218 approved by the Commission on June 14, 2012.
- **Conservation Voltage Reduction Program:** Planning engineers have identified circuits that are targeted for the implementation of the CVR Program.
- **Governmental & Institutional Program:** There were no changes to this program during PY4 Q1.

1.3 Evaluation Updates and Findings

- **Residential Appliance Turn-In Program**

The Residential Appliance Turn-In Program offers rebates to customers and disposal of older, inefficient, appliances. All appliances must be in working condition and meet size requirements. During PY3 quarters one and two, the qualifying appliances, rebate amounts, and requirements were as follows:

- Room air conditioners (\$25 each, working condition, up to three)
- Refrigerator (\$50, working condition, limit one)
- Freezer (\$25, working condition, limit one)

Table 1.3.1 Residential Appliance Turn-In Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
Refrigerator	<ul style="list-style-type: none"> • Survey representative sample of participants 	PY4 evaluation will begin in November.

- **Residential Energy Efficient Products Program**

The Residential Energy Efficient Products Program offers rebates to customers for purchasing qualified high-efficiency appliances. During PY3 quarters one and two, the qualifying appliances, rebate amounts, and requirements were as follows:

- Room air conditioners (\$25 each, limit three)
- Refrigerator (\$50, required recycling old working refrigerator through West Penn Power program)
- Freezer (\$25, required recycling old working freezer through West Penn Power program)
- Clothes washer (\$75)
- Clothes Dryer (\$25, electric with drum moisture sensor)
- Dishwasher (\$25)
- Programmable thermostat (\$25)

Table 1.3.2 Residential Energy Efficient Products Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
Appliances	Invoice + calculation review (large sample, stratified by appliance type) On-Site inspection (smaller sample, focus on clothes washers)	PY4 evaluation will begin in November.

- Residential Energy Efficient HVAC Equipment Program**

The Residential HVAC Equipment Program offers rebates to customers for purchasing qualified high efficiency heat pumps and central air conditioners. Qualifying equipment must have a SEER rating of 14.5 or greater, be installed by a certified contractor, and include the installation of a programmable thermostat. The SEER level requirements and rebate amounts, which are the same for central air conditioners and heat pumps, are as follows:

Rebate Levels: High Efficiency Central Air Conditioners/High Efficiency Heat Pump

- SEER 14.5 - \$100
- SEER 15 - \$150
- SEER 16 and above - \$200

Customers could also receive \$25 rebates for HVAC tune-ups.

Table 1.3.3 Residential Energy Efficient HVAC Equipment Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
Air Source Heat Pump	Invoice + calculation review (large sample) On-Site inspection (smaller sample)	PY4 evaluation will begin in November.
Ground Source Heat Pump	Invoice + calculation review (large sample) On-Site inspection (smaller sample)	
Central Air Conditioning	Invoice + calculation review (large sample) On-Site inspection (smaller sample)	
HVAC tune-ups	Invoice + calculation review, and telephone verification surveys	

- Residential Home Performance Program**

The Residential Home Performance Program assists households in identifying energy savings opportunities through self-administered and professional walk-through home audits and providing customers with CFLs and other low cost energy savings measures. The program promotes CFL giveaways through several CFL promotional channels, including Opt-in, Smart Meter and School Kits. The program also includes a behavioral modification and education component designed to provide customers with information about their energy usage and low cost ways they can reduce usage.

Table 1.3.4 Residential Home Performance Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
CFL Giveaways	Survey representative sample of participants	PY4 evaluation will begin in November.
Direct Install of Low-Cost Measures	Sample once for entire PY4, conduct engineering review and verification surveys.	PY4 evaluation will begin in November.

- **Critical Peak Rebate (CPR) Rate**

This demand response program encourages residential customers to lower their demand during peak load hours by offering a rebate based on actual demand reduction compared to a customer baseline. Evaluation will involve analysis of hourly bills and is expected to start in October 2012.

- **Limited Income Energy Efficient Program (LIEEP)**

This program is an expansion of the Low-Income Usage Reduction Program and provides additional energy savings measures and services to income eligible customers. Energy savings kits are offered to those customers not accepting in-home services and when electric usage is below 600 kWh per month or the customer is otherwise not eligible.

- **Joint Utility Usage Management Program**

This program is an expansion of the Low-Income Usage Reduction Program and provides additional energy savings measures and services to income eligible customers. Energy savings kits are offered to those customers not accepting in-home services and when electric usage is below 600 kWh per month or the customer is otherwise not eligible.

Table 1.3.5 Joint Utility Usage Management Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
Appliance only	Invoice + calculation review and telephone verification surveys	PY4 evaluation will begin in November.

Commercial & Industrial Equipment Program – Small

This program provides prescriptive and performance based incentives for the installation of energy efficient lighting, motors, variable speed drives, food service, HVAC, custom measures, and other energy efficient technologies along with the delivery of energy efficiency kits requested by small C/I customers and master metered multi-family customers.

Table 1.3.6 Commercial & Industrial Equipment Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
Lighting	Sample for first 3 quarters, conduct on-sites for Q1 - Q2	PY4 evaluation will begin in November.
HVAC	No PY3 evaluation activities	PY4 evaluation will begin in November.
VFD	Sample for first 3 quarters and conduct 5 on-sites across Q1-Q2	PY4 evaluation will begin in November.
Custom	Sample for first 3 quarters and conduct 5 on-sites across Q1-Q2	PY4 evaluation will begin in November.

- **Time of Use (TOU) with Critical Peak Pricing (CPP) Rate**

This demand response program encourages small commercial and industrial and government/non-profit customers to lower their demand during peak load hours charging a higher price that reflects the higher cost of serving customer during peak load hours and charging a lower price during off-peak periods.

- **Commercial & Industrial Equipment Program – Large**

This program provides prescriptive and performance based incentives for the installation of energy efficient lighting, motors, variable speed drives, food service, HVAC, custom measures, and other energy efficient technologies along with the delivery of energy efficiency kits requested by large C/I customers and master metered multi-family customers.

Table 1.3.7 Commercial & Industrial Equipment Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
“Non-Standard Lighting for Business” Applications	Stratified sampling and on-site visits	PY4 evaluation will begin in November.
“Standard Lighting for Business” Applications	Stratified sampling and on-site visits	PY4 evaluation will begin in November.
Prescriptive HVAC, Motor, and Refrigeration Applications	Stratified sampling and on-site visits	PY4 evaluation will begin in November.

Custom Applications	Stratified sampling and on-site visits	PY4 evaluation will begin in November.
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- **Customer Load Response**

This demand response program encourages C/I and government/non-profit customers with demand of at least 300 kW to lower their demand during peak load hours by offering load management services and providing incentives for demand reduction during the top 100 hours.

- **Customer Resources Demand Response Program**

This demand response program encourages small and large C/I and government/non-profit customers to lower their demand during peak load hours by deploying customer load resources from load curtailment strategies provided by PJM Curtailment Service Providers.

- **Distributed Generation**

This demand response program encourages C/I and government/non-profit customers with demand and generators rated larger than 300 kW to lower their demand during peak load hours by offering operation and maintenance services and providing incentives for demand reduction during the top 100 hours through usage of their generators.

- **Conservation Voltage Reduction Program**

The CVR program incorporates voltage regulation techniques on select distribution circuits that result in lower service voltage levels and, thus, lower the energy consumption and demand of customers. Retrofit isolation tests are planned to start in early October 2012. Three sets of retrofit isolation tests are planned: one in Fall 2012, one in Winter 2013, and one in Summer 2013.

- **Governmental & Institutional Program**

This program provides prescriptive and performance based incentives for the installation of cost effective energy efficient non-standard equipment through an authorized contractor network and traditional channels.

Table 1.3.8 Governmental & Institutional Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
Lighting	Stratified sampling and on-site visits	PY4 evaluation will begin in November.
Street Lighting	Stratified sampling and on-site visits	PY4 evaluation will begin in November.
Traffic Signals	Stratified sampling and on-site visits	PY4 evaluation will begin in November.

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. CPITD Reported Gross Energy Savings by Program

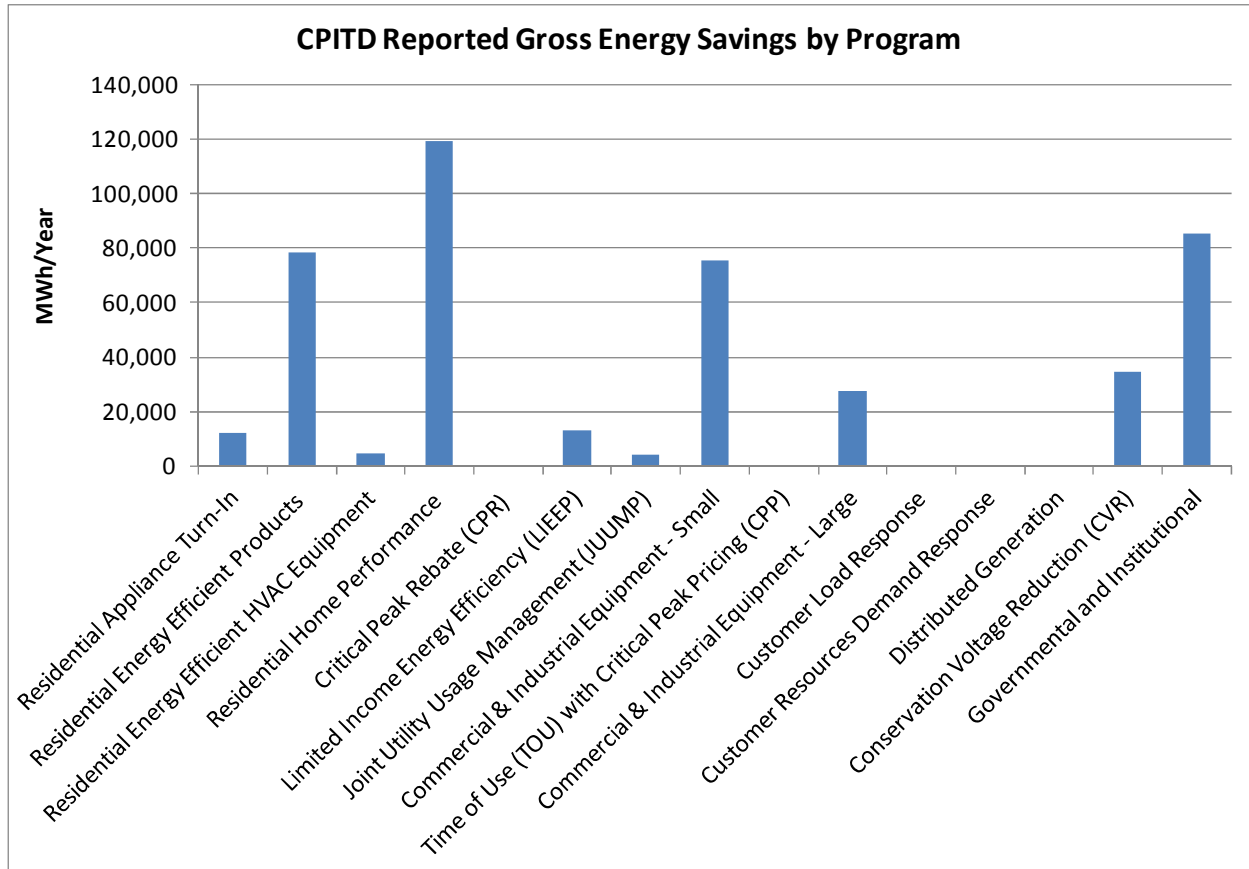
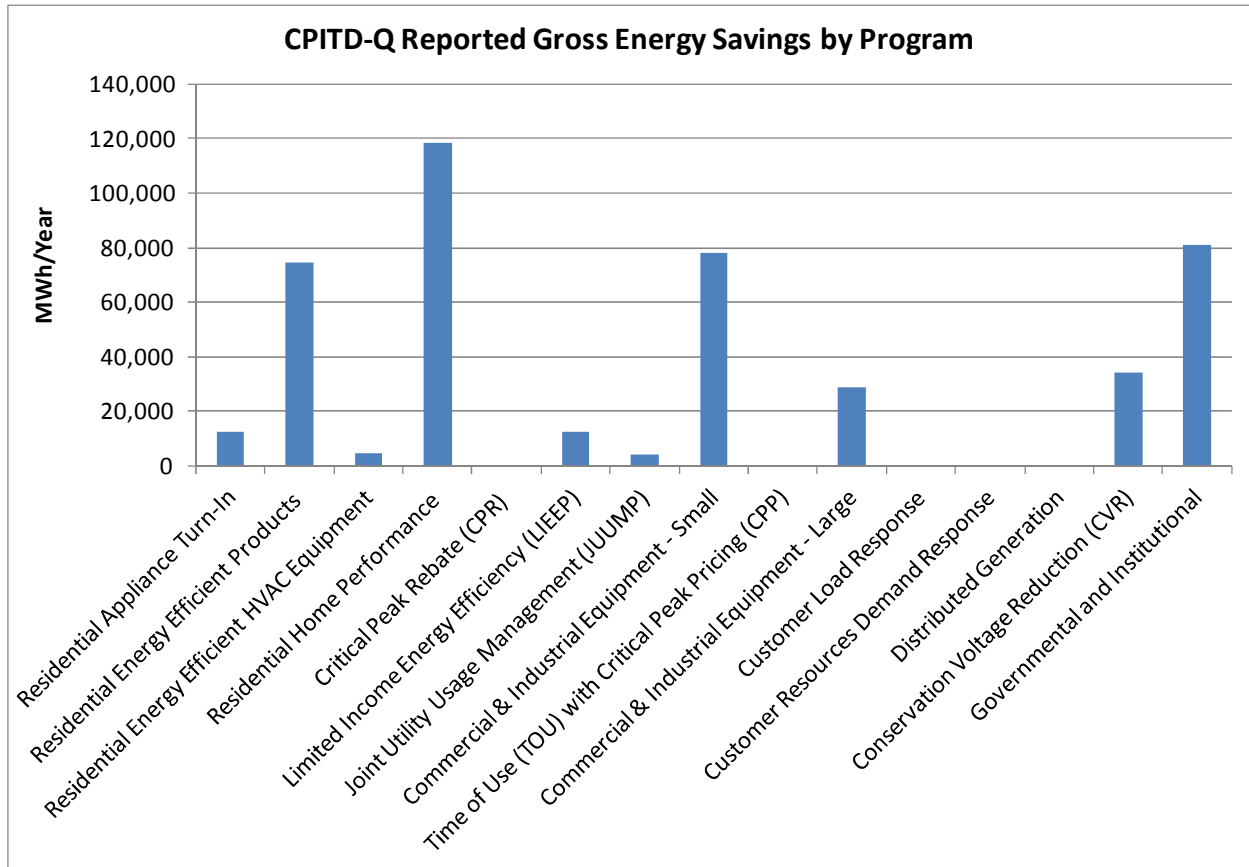


Figure 2-2. CPITD-Q Reported Gross Energy Savings by Program



A summary of energy impacts by program through the PY3 Q4 is presented in Table 2-1.

Table 2-1. EDC Reported Participation and Gross Energy Savings by Program

Program	Participants			Reported Gross Impact (MWh/Year)				Preliminary Realization Rate ¹
	IQ	PYTD	CPITD	IQ	PYTD	CPITD	CPITD-Q	PYTD
Residential Appliance Turn-In	1,664	1,664	7,685	2,976	2,976	12,381	12,382	n/a
Residential Energy Efficient Products	53,392	53,392	379,348	9,517	9,517	78,517	74,624	n/a
Residential Energy Efficient HVAC Equipment	5,033	5,033	8,506	1,319	1,319	4,554	4,561	n/a
Residential Home Performance ²	180,205	180,205	552,691	1,886	1,886	119,418	118,399	n/a
Critical Peak Rebate (CPR)	23,974	23,974	23,974	0	0	0	0	n/a
Limited Income Energy Efficiency (LIEEP)	833	833	11,115	666	666	13,293	12,414	n/a
Joint Utility Usage Management (JUUMP)	342	342	4,654	508	508	4,191	4,337	n/a
Commercial & Industrial Equipment - Small	86	86	26,223	3,873	3,873	75,351	78,167	n/a
Time of Use (TOU) with Critical Peak Pricing (CPP)	0	0	0	0	0	0	0	n/a
Commercial & Industrial Equipment - Large	23	23	70	3,106	3,106	27,651	28,586	n/a
Customer Load Response	1	1	1	0	0	0	0	n/a
Customer Resources Demand Response	156	156	156	0	0	0	0	n/a
Distributed Generation	0	0	0	0	0	0	0	n/a
Conservation Voltage Reduction (CVR) ³	0	0	0	34,391	34,391	34,391	34,391	n/a
Governmental and Institutional	11	11	1,032	850	850	85,289	81,190	n/a
TOTAL PORTFOLIO	265,720	265,720	1,015,455	59,093	59,093	455,037	449,052	N/A
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. Residential Home Performance participation includes 175,000 participants for Behavior Modification measure. No savings results were reported to date.								
3. Conservation Voltage Reduction reported energy savings is based on preliminary engineering assessment.								

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. CPITD Reported Demand Reduction by Program

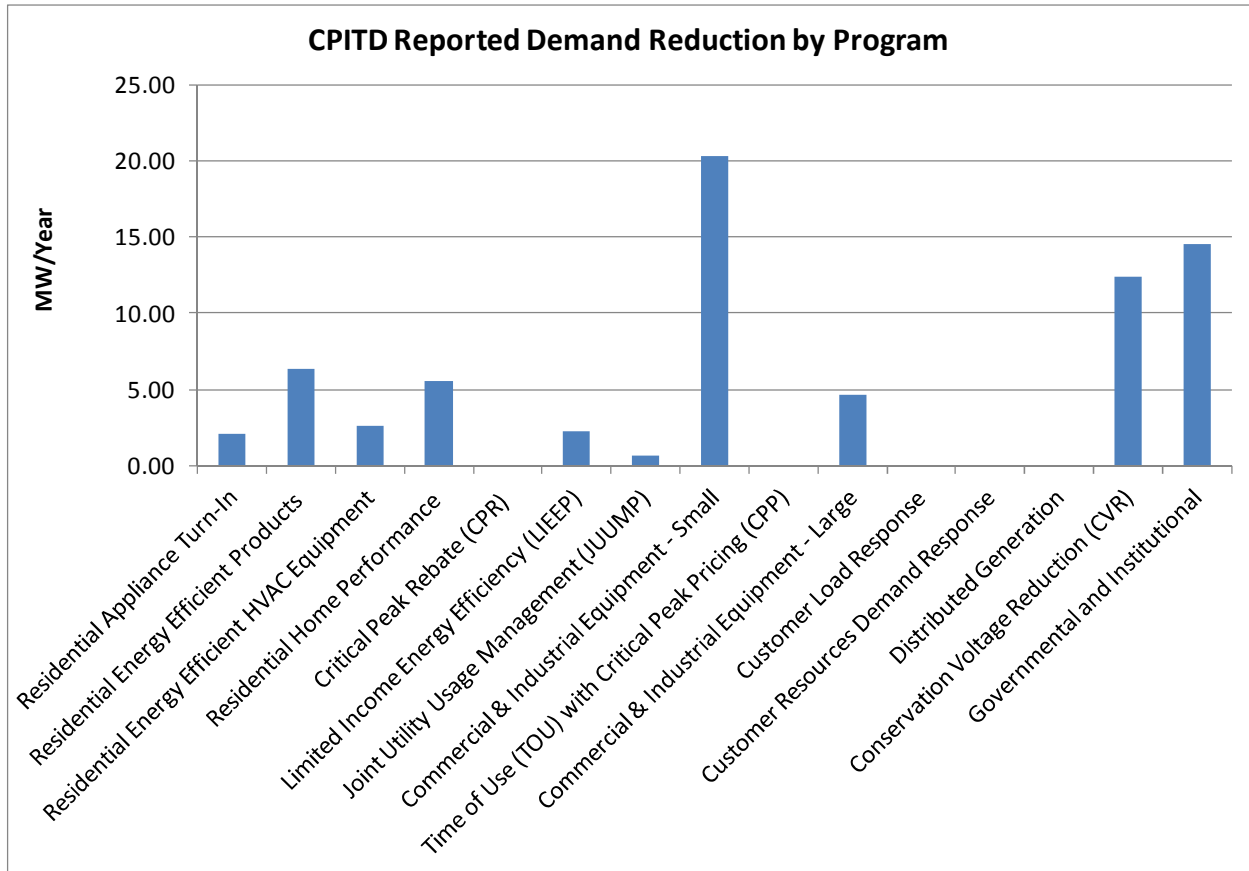
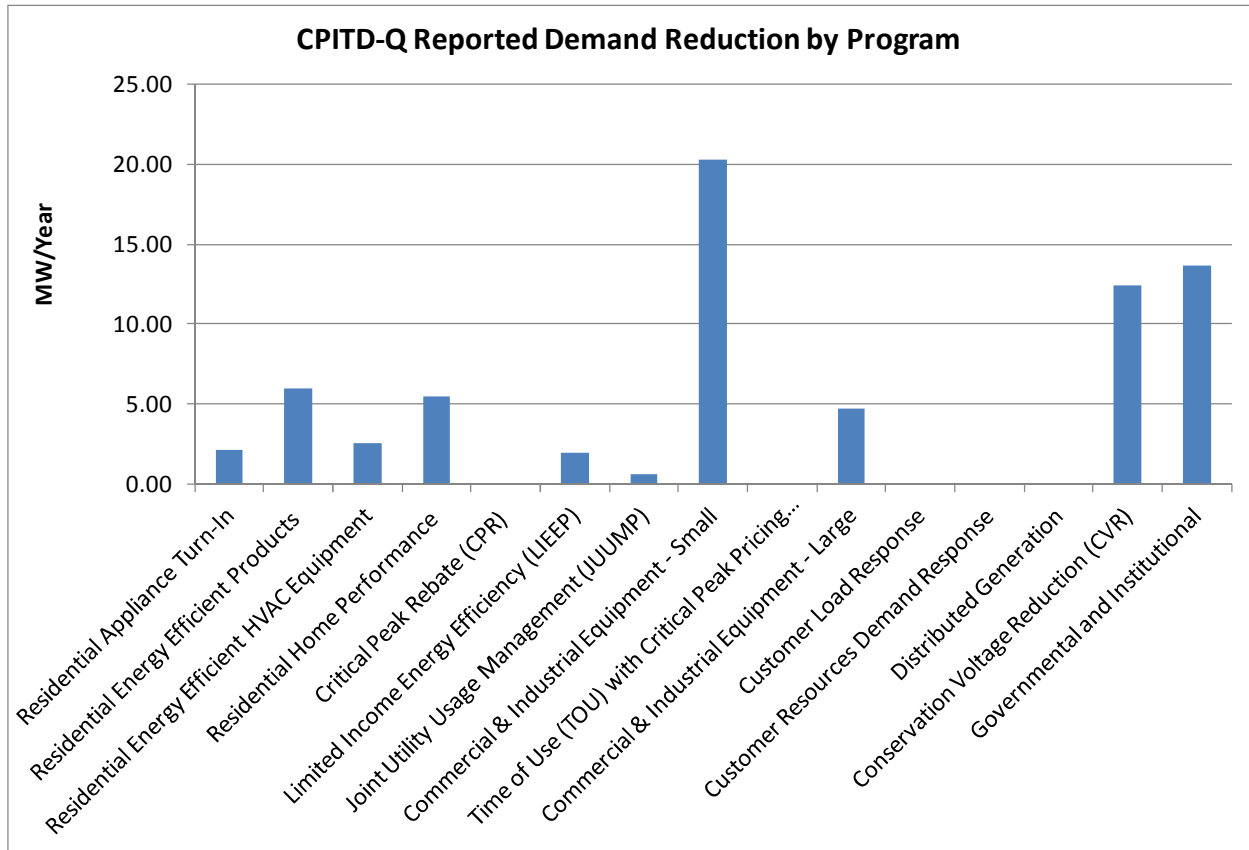


Figure 3-2. CPITD-Q Reported Demand Reduction by Program



A summary of demand reduction impacts by program through the PY3Q4 is presented in Table 3-1.

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

Program	Participants			Reported Gross Impact (MW/Year)				Preliminary Realization Rate ¹
	IQ	PYTD	CPITD	IQ	PYTD	CPITD	CPITD-Q	PYTD
Residential Appliance Turn-In	1,664	1,664	7,685	0.41	0.41	2.11	2.11	n/a
Residential Energy Efficient Products	53,392	53,392	379,348	0.50	0.50	6.31	6.00	n/a
Residential Energy Efficient HVAC Equipment	5,033	5,033	8,506	1.38	1.38	2.57	2.58	n/a
Residential Home Performance ²	180,205	180,205	552,691	0.07	0.07	5.53	5.47	n/a
Critical Peak Rebate (CPR)	23,974	23,974	23,974	0.00	0.00	0.00	0.00	n/a
Limited Income Energy Efficiency (LIEEP)	833	833	11,115	0.07	0.07	2.30	1.93	n/a
Joint Utility Usage Management (JUUMP)	342	342	4,654	0.13	0.13	0.66	0.67	n/a
Commercial & Industrial Equipment - Small	86	86	26,223	0.37	0.37	20.28	20.27	n/a
Time of Use (TOU) with Critical Peak Pricing (CPP)	0	0	0	0.00	0.00	0.00	0.00	n/a
Commercial & Industrial Equipment - Large	23	23	70	0.39	0.39	4.64	4.69	n/a
Customer Load Response	1	1	1	0.00	0.00	0.00	0.00	n/a
Customer Resources Demand Response	156	156	156	0.00	0.00	0.00	0.00	n/a
Distributed Generation	0	0	0	0.00	0.00	0.00	0.00	n/a
Conservation Voltage Reduction (CVR) ³	0	0	0	12.40	12.40	12.40	12.40	n/a
Governmental and Institutional	11	11	1,032	0.07	0.07	14.50	13.67	n/a
TOTAL PORTFOLIO	265,720	265,720	1,015,455	15.80	15.80	71.31	69.80	N/A
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. Residential Home Performance participation includes 175,000 participants for Behavior Modification measure. No savings results were reported to date.								
3. Conservation Voltage Reduction reported demand savings is based on preliminary engineering assessment.								

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

<u>Category</u>	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$ 7,270	\$ 7,270	\$ 31,391
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	\$ 7,270	\$ 7,270	\$ 31,391
Design & Development			\$ 1,787
Administration	\$ 105	\$ 105	\$ 3,656
Management ^[2]			
Marketing	\$ 251	\$ 251	\$ 5,335
Technical Assistance ^[1]	\$ 622	\$ 622	\$ 10,867
Subtotal EDC Implementation Costs	\$ 978	\$ 978	\$ 21,645
EDC Evaluation Costs	\$ 20	\$ 20	\$ 1,536
SWE Audit Costs			\$ 1,994
Total EDC Costs^[3]	\$ 8,268	\$ 8,268	\$ 56,566
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2011 Total Resource Cost Test Order approved July 28, 2011.</i>			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

4.2 Program Level Expenditures

Program-specific finances are shown in the following tables.

Table 4-2. Summary of Program Finances – Residential Appliance Turn-In Program

Category	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$ 66	\$ 66	\$ 483
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	\$ 66	\$ 66	\$ 483
Design & Development			\$ 0
Administration			\$ 128
Management ^[2]			
Marketing	\$ 27	\$ 27	\$ 858
Technical Assistance ^[1]	\$ 94	\$ 94	\$ 1,037
Subtotal EDC Implementation Costs	\$ 121	\$ 121	\$ 2,023
EDC Evaluation Costs	\$ 1	\$ 1	\$ 85
SWE Audit Costs			
Total EDC Costs^[3]	\$ 188	\$ 188	\$ 2,591
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-3. Summary of Program Finances – Residential Energy Efficient Products Program

Category	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$ (19)	\$ (19)	\$ 3,350
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	\$ (19)	\$ (19)	\$ 3,350
Design & Development			\$ 265
Administration	\$ 7	\$ 7	\$ 379
Management ^[2]			
Marketing	\$ (4)	\$ (4)	\$ 2,140
Technical Assistance ^[1]	\$ 78	\$ 78	\$ 934
Subtotal EDC Implementation Costs	\$ 81	\$ 81	\$ 3,719
EDC Evaluation Costs	\$ (5)	\$ (5)	\$ 287
SWE Audit Costs			
Total EDC Costs^[3]	\$ 57	\$ 57	\$ 7,355
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-4. Summary of Program Finances – Residential Energy Efficient HVAC Equipment Program

<u>Category</u>	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$ 332	\$ 332	\$ 963
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	\$ 332	\$ 332	\$ 963
Design & Development			\$ 123
Administration	\$ 6	\$ 6	\$ 139
Management ^[2]			
Marketing	\$ 114	\$ 114	\$ 314
Technical Assistance ^[1]	\$ 119	\$ 119	\$ 377
Subtotal EDC Implementation Costs	\$ 238	\$ 238	\$ 953
EDC Evaluation Costs	\$ (4)	\$ (4)	\$ 95
SWE Audit Costs			
Total EDC Costs^[3]	\$ 567	\$ 567	\$ 2,011
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-5. Summary of Program Finances – Residential Home Performance Program

Category	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$ 169	\$ 169	\$ 5,914
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	\$ 169	\$ 169	\$ 5,914
Design & Development			\$ 135
Administration	\$ 8	\$ 8	\$ 237
Management ^[2]			
Marketing	\$ 114	\$ 114	\$ 961
Technical Assistance ^[1]	\$ (1,096)	\$ (1,096)	\$ 2,884
Subtotal EDC Implementation Costs	\$ (974)	\$ (974)	\$ 4,217
EDC Evaluation Costs	\$ (6)	\$ (6)	\$ 149
SWE Audit Costs			
Total EDC Costs^[3]	\$ (811)	\$ (811)	\$ 10,279
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-6. Summary of Program Finances – Critical Peak Rebate (CPR) Rate

Category	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$ 361	\$ 361	\$ 361
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	\$ 361	\$ 361	\$ 361
Design & Development			\$ 6
Administration	\$ 6	\$ 6	\$ 77
Management ^[2]			
Marketing	\$ 0	\$ 0	\$ 179
Technical Assistance ^[1]	\$ 82	\$ 82	\$ 114
Subtotal EDC Implementation Costs	\$ 88	\$ 88	\$ 377
EDC Evaluation Costs	\$ 13	\$ 13	\$ 30
SWE Audit Costs			
Total EDC Costs^[3]	\$ 462	\$ 462	\$ 768
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-7. Summary of Program Finances – Limited Income Energy Efficiency Program (LIEEP)

Category	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$ (693)	\$ (693)	\$ 6,329
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	\$ (693)	\$ (693)	\$ 6,329
Design & Development			\$ 40
Administration	\$ (6)	\$ (6)	\$ 300
Management ^[2]			
Marketing	\$ (1)	\$ (1)	\$ 17
Technical Assistance ^[1]	\$ (34)	\$ (34)	\$ 658
Subtotal EDC Implementation Costs	\$ (41)	\$ (41)	\$ 1,015
EDC Evaluation Costs	\$ (6)	\$ (6)	\$ 46
SWE Audit Costs			
Total EDC Costs^[3]	\$ (739)	\$ (739)	\$ 7,390
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-8. Summary of Program Finances – Joint Utility Usage Management Program

Category	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$ 1,582	\$ 1,582	\$ 2,106
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	\$ 1,582	\$ 1,582	\$ 2,106
Design & Development			\$ 25
Administration	\$ 17	\$ 17	\$ 190
Management ^[2]			
Marketing	\$ 1	\$ 1	\$ 16
Technical Assistance ^[1]	\$ 128	\$ 128	\$ 411
Subtotal EDC Implementation Costs	\$ 146	\$ 146	\$ 641
EDC Evaluation Costs	\$ 4	\$ 4	\$ 53
SWE Audit Costs			
Total EDC Costs^[3]	\$ 1,731	\$ 1,731	\$ 2,800
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-9. Summary of Program Finances – Commercial & Industrial Equipment Program - Small

<u>Category</u>	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$ 252	\$ 252	\$ 3,537
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	\$ 252	\$ 252	\$ 3,537
Design & Development			\$ 308
Administration	\$ 19	\$ 19	\$ 880
Management ^[2]			
Marketing	\$ 5	\$ 5	\$ 449
Technical Assistance ^[1]	\$ 172	\$ 172	\$ 1,312
Subtotal EDC Implementation Costs	\$ 195	\$ 195	\$ 2,949
EDC Evaluation Costs	\$ 13	\$ 13	\$ 401
SWE Audit Costs			
Total EDC Costs^[3]	\$ 460	\$ 460	\$ 6,887
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-10. Summary of Program Finances – Time of Use (TOU) with Critical Peak Pricing (CPP) Rate

Category	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants			
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs			
Design & Development			\$ 6
Administration	\$ 1	\$ 1	\$ 46
Management ^[2]			
Marketing			\$ 17
Technical Assistance ^[1]			\$ 28
Subtotal EDC Implementation Costs	\$ 1	\$ 1	\$ 97
EDC Evaluation Costs	\$ (5)	\$ (5)	\$ 7
SWE Audit Costs			
Total EDC Costs^[3]	\$ (4)	\$ (4)	\$ 104
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-11. Summary of Program Finances – Commercial & Industrial Equipment Program – Large

Category	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$ 227	\$ 227	\$ 2,125
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	\$ 227	\$ 227	\$ 2,125
Design & Development			\$ 667
Administration	\$ 17	\$ 17	\$ 584
Management ^[2]			
Marketing	\$ 16	\$ 16	\$ 199
Technical Assistance ^[1]	\$ 155	\$ 155	\$ 1,414
Subtotal EDC Implementation Costs	\$ 188	\$ 188	\$ 2,864
EDC Evaluation Costs	\$ 7	\$ 7	\$ 95
SWE Audit Costs			
Total EDC Costs^[3]	\$ 423	\$ 423	\$ 5,084
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-12. Summary of Program Finances – Customer Load Response Program

Category	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants			\$ 15
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs			\$ 15
Design & Development			\$ 88
Administration			\$ 78
Management ^[2]			
Marketing			\$ 2
Technical Assistance ^[1]	\$ 1	\$ 1	\$ 42
Subtotal EDC Implementation Costs	\$ 1	\$ 1	\$ 210
EDC Evaluation Costs	\$ (0)	\$ (0)	\$ 14
SWE Audit Costs			
Total EDC Costs^[3]	\$ 0	\$ 0	\$ 238
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-13. Summary of Program Finances – Customer Resources Demand Response Program

Category	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$ 3,928	\$ 3,928	\$ 3,928
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	\$ 3,928	\$ 3,928	\$ 3,928
Design & Development			\$ 7
Administration			\$ 83
Management ^[2]			
Marketing	\$ 0	\$ 0	\$ 49
Technical Assistance ^[1]	\$ 2	\$ 2	\$ 376
Subtotal EDC Implementation Costs	\$ 2	\$ 2	\$ 514
EDC Evaluation Costs	\$ (1)	\$ (1)	\$ 19
SWE Audit Costs			
Total EDC Costs^[3]	\$ 3,929	\$ 3,929	\$ 4,462
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-14. Summary of Program Finances – Distributed Generation Program

Category	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants			
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs			
Design & Development			\$ 5
Administration			\$ 39
Management ^[2]			
Marketing	\$ 0	\$ 0	\$ 3
Technical Assistance ^[1]			\$ 27
Subtotal EDC Implementation Costs	\$ 0	\$ 0	\$ 75
EDC Evaluation Costs			\$ 1
SWE Audit Costs			
Total EDC Costs^[3]	\$ 0	\$ 0	\$ 76
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-15. Summary of Program Finances – Conservation Voltage Reduction (CVR) Program

Category	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants			
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs			
Design & Development			\$ 0
Administration	\$ 28	\$ 28	\$ 119
Management ^[2]			
Marketing	\$ 0	\$ 0	\$ 0
Technical Assistance ^[1]			\$ 5
Subtotal EDC Implementation Costs	\$ 28	\$ 28	\$ 124
EDC Evaluation Costs			\$ 2
SWE Audit Costs			
Total EDC Costs^[3]	\$ 28	\$ 28	\$ 126
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			

Table 4-16. Summary of Program Finances – Governmental and Institutional Program

Category	Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$ 1,952	\$ 1,952	\$ 3,170
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	\$ 1,952	\$ 1,952	\$ 3,170
Design & Development			\$ 111
Administration	\$ 4	\$ 4	\$ 377
Management ^[2]			
Marketing	\$ (22)	\$ (22)	\$ 130
Technical Assistance ^[1]	\$ 32	\$ 32	\$ 360
Subtotal EDC Implementation Costs	\$ 14	\$ 14	\$ 978
EDC Evaluation Costs	\$ 10	\$ 10	\$ 253
SWE Audit Costs			
Total EDC Costs^[3]	\$ 1,976	\$ 1,976	\$ 4,401
Participant Costs^[4]			
Total TRC Costs			
NOTES:			
^[1] Implementation Contractor Costs			
^[2] EDC costs other than those identified explicitly.			
^[3] Per the 2011 Total Resource Cost Test Order - Total EDC Costs, here, refer to EDC incurred expenses only.			
^[4] Per the 2011 Total Resource Cost Test Order - Net participant costs; in PA, the costs of the end-use customer.			