Quarterly Report to the Pennsylvania Public Utility Commission

For the Period December 1, 2012 through February 28, 2013 Program Year 4, Quarter 3

For Pennsylvania Act 129 of 2008 Energy Efficiency and Conservation Plan

Prepared by Pennsylvania Electric Company and ADM Associates, Inc.

For

Pennsylvania Electric Company Docket No. M-2009-2092222

April 15, 2013

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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

LIURP Low-Income Energy Efficiency Program
LIURP Low-Income Usage Reduction Program

M&V Measurement and Verification

MW Megawatt
MWh Megawatt-hour
NTG Net-to-Gross

PUC Public Utility Commission

PY1 Program Year 2009
PY2 Program Year 2010
PY3 Program Year 2011
PY4 Program Year 2012

PY4TD 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 Pennsylvania Electric Company ("Penelec" or "Company") in the third quarter of Program Year Four (PY4) defined as December 1, 2012 through February 28, 2013, as well as the cumulative accomplishments of the programs since inception.

1.1 Summary of Achievements

Penelec has achieved 103 percent of the May 31, 2013 energy savings compliance target, based on cumulative program inception to date (CPITD) reported gross energy savings¹, and 97 percent of the energy savings compliance target, based on verified CPITD gross energy savings through Play Year 3 and PYTD gross energy savings achieved through Quarter 3 (CPITD-Q)², as shown in Figure 1.1.

¹ 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.

² 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.

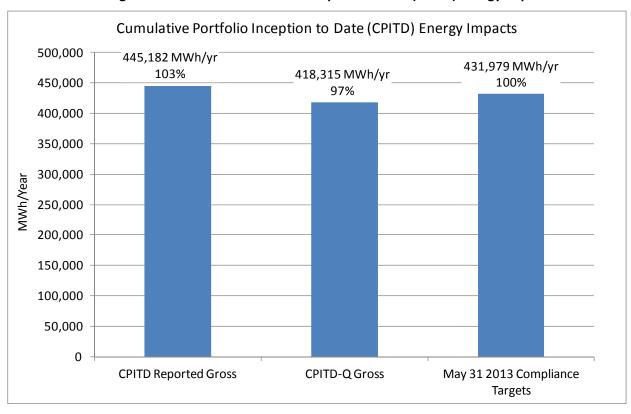


Figure 1-1 Cumulative Portfolio Inception to Date (CPITD) Energy Impacts

Based on preliminary results, Penelec has achieved 126 MW of load reductions during the Top 100 hours of 2012, representing 117 percent of the May 31, 2013 demand reduction compliance target as shown in **Figure 1-2**³. Please note that this includes contributions from energy efficiency programs contributions from demand reduction programs operated during the summer of 2012. When including all measures installed to date, the Company achieved 158 MW of cumulative peak load reductions based on verified CPITD reported gross demand reductions through Plan Year 3 and PYTD gross demand reductions achieved through Quarter 3 (CPITD-Q).

³ These figures include contributions from energy efficiency programs through PY4Q3. The peak demand coincidence factor for all residential CFLs distributed CPITD has been updated to 8.8% from 5.0%. The figures also include line loss factors, calculated as functions of actual and reconstructed (for Act 129 "addbacks") loads for each hour.

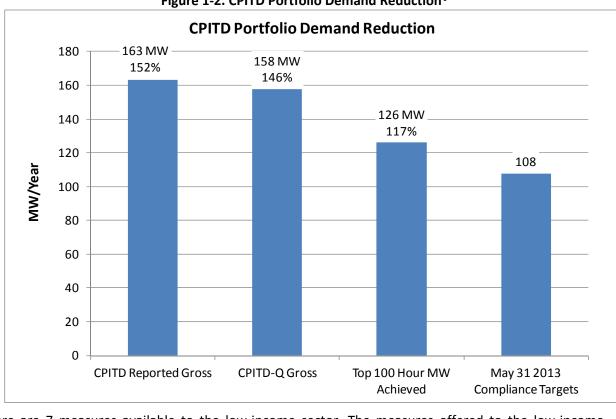


Figure 1-2. CPITD Portfolio Demand Reduction⁴

There are 7 measures available to the low-income sector. The measures offered to the low-income sector therefore comprise 17 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 Penelec territory. (10 percent). The CPITD reported gross energy savings achieved in the low-income sector is 52,040 MWh/yr; this is 12 percent of the CPITD total portfolio reported gross energy savings⁶.

⁴ CPITD reported and CPITD-Q numbers include line losses and impacts for all programs through PY4Q3. The top 100 hour achieved MW reflect preliminary verified values achieved during the top 100 hours of the summer of 2012 (defined as June 1 through September 30, 2012), and include impacts of demand response programs, line losses, and impacts from EE measures installed prior to the top 100 hours.

⁵ Act 129 includes a provision requiring electric distribution companies to offer a number of energy efficiency measures to low-income households that are "proportionate to those households' share of the total energy usage in the service territory." 66 Pa.C.S. §2806.1(b)(i)(G). The legislation contains no provisions regarding targets for participation, or energy or demand savings.

⁶ The Energy Savings achieved in the low-income sector in the PY4Q2 report are calculated according to the procedure in the PY3 Annual report (page 14). This is a shift from the previous calculation procedure that was

Penelec achieved 148 percent of the May 31, 2013, energy reduction compliance target for government, nonprofit and institutional sector, based on CPITD reported gross energy savings, and 117 percent of the target based on verified CPITD gross energy savings through Plan Year 3 and PYTD gross energy savings achieved through Quarter 3 (CPITD-Q)⁷, as shown in **Figure 1-3**.

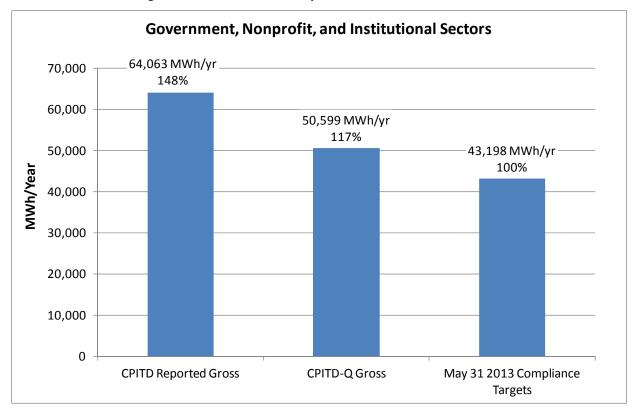


Figure 1-3 Government, Nonprofit, and Institutional Sectors

1.2 Program Updates and Findings

- **Residential Demand Reduction Program**: This program was operated between June 1 and September 30, 2012. As of this writing, the gross / net impact evaluation effort is underway.
- Residential Home Energy Audits and Outreach Program: There are three (3) components to this program. The Online audit and Whole House Comprehensive audit components for all PA companies were not changed during PY4 Q3. There was one slight change to the Walk Thru

used for the PY4Q1 report, and the new methodology results in smaller claimed impacts, thus the adjustment from the PY4Q1 report.

⁷ Reference footnote 2 on page 4.

audit program; the \$50 participation fee was waived beginning in October 2012 in an effort to boost participation and will continue through May 31, 2013.

- Residential Appliance Turn-In Program: No changes to this program during PY4 Q3.
- Residential Energy Efficiency HVAC Program: No changes to this program during PY4 Q3.
- Residential Energy Efficient Products Program: No changes to this program during PY4 Q3.
- Residential New Construction Program: No changes to this program during PY4 Q3.
- Residential Behavioral Modification and Education Program: The CSP for the Behavior Modification Program is evaluating the savings calculation at this time.
- Residential Multiple Family Program: No changes to this program during PY4 Q3.
- Residential Low-Income (WARM) Programs: No changes to this program during PY4Q3.
- Commercial / Industrial Small Sector Equipment Program: No changes to this program during PY4 Q3.
- Commercial / Industrial Large Sector Performance Contracting / Equipment Program: No changes to this program during PY4 Q3.
- Commercial / Industrial Large Sector Demand Response Program CSP Mandatory and Voluntary Curtailment Program ("PJM Demand Response"): This program was operated between June 1 and September 30, 2012. As of this writing, the gross / net impact evaluation effort is underway.
- Governmental / Non-Profit Street Lighting Program: No changes to this program during PY4
 Q3.
- Governmental / Non-Profit Program: No changes to this program during PY4 Q3.
- Governmental / Remaining Non-Profit Program: No changes to this program during PY4 Q3.

1.3 Evaluation Updates and Findings

• Residential Demand Reduction Program

Impact evaluation for this program is complete on a preliminary basis⁸. ADM has confirmed that the implementer, BPL Global, has calculated hourly impacts in accordance to the procedure described in the M&V plan.

⁸ The program's impacts at the hourly level have been verified on a preliminary basis. However the top 100 hour definitions and the hourly line loss factors may change based on the additional contributions from energy efficiency projects that are not yet evaluated.

Residential Home Energy Audits and Outreach Program

This program has three distinct components: (i) conservation kits sent to customers that complete online or telephone home energy audits; (ii) direct installation of low cost measures; and (iii), comprehensive walk through audits with direct installation of low-cost measures coupled with incentives on capital cost improvements. The conservation kits have accounted for the vast majority of the program impacts in PY4. Preliminary realization rates have been constructed from information gained from the evaluation effort conducted for PY3, coupled with baseline changes in the 2012 TRM. These will be updated as PY4 evaluation survey results become available.

Table 1.3.1 Residential Home Energy Audits and Outreach Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
Conservation Kits	Conduct up to 23 on-site visits and several hundred online surveys.	ADM has conducted desk reviews of the tracking data and has constructed preliminary realization rates that consider historical "in service rates" and successful delivery rates, as well as changes in the TRM protocols.
Direct Install of Low- Cost Measures	Sample once for entire PY4, conduct engineering review and verification surveys.	ADM has conducted a brief desk review of tracking data. So far, the direct install components contribute about 1% of total program savings.
Whole House Comprehensive Audits with Capital Cost Measures Installed	Sample once for entire PY4, conduct engineering review and verification surveys.	ADM has conducted a brief desk review of tracking data. So far, the direct install components contribute about 1% of total program savings.

• Residential Appliance Turn-In Program

Preliminary realization rates have been constructed from information gained from the evaluation effort conducted for PY3. These will be updated as PY4 evaluation survey results become available.

Table 1.3.2 Residential Appliance Turn-In Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
Refrigerator	Tracking System/TRM Review	ADM has conducted preliminary desk
Freezer	Verification Surveys	reviews. First sample will be drawn from
Room air conditioner	verification surveys	the Q1 and Q2 populations.

• Residential Energy Efficiency HVAC Program

The sampling scheme for this program includes four qualitative strata. Evaluation activities for the strata are listed below. Preliminary realization rates are based on information gained from the PY3 evaluation. These will be updated as PY4 evaluation results become available.

Table 1.3.3 Residential Energy Efficiency HVAC 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)	
Ground Source Heat Pump	Invoice + calculation review (large sample) On-Site inspection (smaller sample)	PY4 evaluation activities to date include calculation and ex-ante reviews and assignment of preliminary realization rate based on
Central Air Conditioning	Invoice + calculation review (large sample) On-Site inspection (smaller sample)	desk review and application of updated TRM protocols. The average efficiencies and capacities from the PY3 evaluation are used to generate preliminary realization
HVAC tune-ups	Invoice + calculation review (large sample) Telephone Verification Survey (smaller sample)	rates for this program.

• Residential Energy Efficient Products Program

The sampling scheme for this program includes several qualitative strata for lighting and appliances. Evaluation activities for the strata are listed below.

Table 1.3.4 Residential Energy Efficient Products Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
CFL Buydowns	Invoice + calculation review	
CFL Giveaways	Invoice + calculation review	PY4 evaluation activities to date include
Appliances	Invoice + calculation review (large sample, stratified by appliance type)	calculation and ex-ante reviews and assignment of preliminary realization rate based on desk review and application of updated TRM protocols.
	On-Site inspection (smaller sample, focus on clothes washers)	

• Residential New Construction Program:

This program accounts for less than 1% of the PYTD portfolio impacts.

Table 1.3.5 Residential New Construction Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
New Homes	Stratified Sample REM/Rate modeling and calculation review (largest sample) Implementer QC Inspection review (smaller sample) On-Site inspection (smallest sample)	ADM has met with the implementer to discuss the results of last year's evaluation. ADM has reviewed tracking data to identify projects that may have potential modeling issues related to ground source heat pumps. The projects approved so far do not appear likely to have such modeling issues.

• Residential Behavioral Modification and Education Program

The impact evaluation effort for this program will involve billing analysis. M&V plans have been completed and initial data requests have been made by the M&V team.

Residential Multiple Family Program

This program accounts for less than 1% of the PYTD portfolio impacts. The program recruits multifamily housing management or maintenance staff to distribute or install conservation kits that contain CFLs and LED night lights. The evaluation sample is stratified with multifamily housing complexes as the sampling units.

Table 1.3.6 Residential Multiple Family Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
Conservation Kits	Telephone Verification Surveys	No sampling or surveying has occurred yet. ADM will begin sampling for surveys when the program population size is sufficiently large relative to the expected PY4 population size.

• Residential Low-Income (WARM) Programs

For the PY4 evaluation, ADM will conduct billing analysis of all WARM Plus participants from PY3. The results of the billing analysis will be averaged with the PY3 evaluation results to develop deemed savings for the PY4 installations.

Table 1.3.7 Residential Low-Income (WARM) Programs Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
WARM Plus	Billing analysis planned on PY3 participants.	ADM has conducted desk reviews and has applied preliminary realization rates defined as the ratio of the verified per-unit savings from the PY3 evaluation to the reported per-unit savings in the PY4 tracking data.
WARM Extra Measures	Invoice + calculation review, verification survey.	ADM has conducted a preliminary review of the tracking data. Verification surveys will occur late in the evaluation cycle.

Commercial / Industrial Small Sector Equipment Program

This program offers energy efficiency measures to small commercial/industrial customers. The impact evaluation utilizes stratified sampling. First, the population is stratified into qualitative strata that consist of standardized measure groups as listed below. Each qualitative stratum may contain several quantitative strata based on the expected magnitude of the impacts. The sample sizes are based on past program experience regarding the variability of the realization rates for sampled projects.

Table 1.3.8 Commercial / Industrial Small Sector Equipment Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
"Lighting for Business" Applications	Stratified sampling and on-site visits	First sample to be drawn from Q1 and Q2 populations. Desk review completed for C/I CFL kits.
Prescriptive HVAC, Motor, and Refrigeration Applications	Stratified sampling and on-site visits	First sample to be drawn from Q1 and Q2 populations.
Custom Applications	Stratified sampling and on-site visits	First sample to be drawn from Q1 and Q2 populations. ADM conducts ongoing checks of evaluability for pending projects.

Commercial / Industrial Large Sector Performance Contracting / Equipment Program

This program offers similar measures as the Small C/I and Government Equipment programs. The evaluation approach for this program is similar to the one employed for the Small C/I program.

Table 1.3.9 Commercial / Industrial Large Sector Equipment Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
"Lighting for Business" Applications	Stratified sampling and on-site visits	First sample to be drawn from Q1 and Q2 populations.
Prescriptive HVAC, Motor, and Refrigeration Applications	Stratified sampling and on-site visits	First sample to be drawn from Q1 and Q2 populations.
Custom Applications	Stratified sampling and on-site visits	First sample to be drawn from Q1 and Q2 populations. ADM conducts ongoing checks of evaluability for pending projects.

Commercial / Industrial Large Sector Demand Response Program – CSP Mandatory and Voluntary Curtailment Program ("PJM Demand Response")

Impact evaluation for this program is complete on a preliminary basis⁹. The evaluation effort involved stratified sampling and inspection of the hourly demand reduction calculations for selected projects. Projects that have base load estimation protocols accepted by and registered by PJM are evaluated on the basis of those protocols. Projects that do not have PJM registrations are evaluated with protocols that are identical to or similar to the PJM base load estimation protocols.

⁹ Site-level hourly impacts verified on a preliminary basis are undergoing final quality assurance checks for a stratified sample of projects to meet ±15% relative precision at the 85% confidence level. However the top 100 hour definitions and the hourly line loss factors may change based on the additional contributions from energy efficiency projects that are not yet evaluated.

• Governmental / Non-Profit Street Lighting Program

This program accounts for less than 1% of the PYTD portfolio impacts.

Table 1.3.10 Governmental / Non-Profit Street Lighting Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
"Street and Area Lights" Applications	Stratified sampling and on-site visits	First sample to be drawn from Q1 and Q2 populations.

• Governmental / Non-Profit Program:

This program accounts for less than 1% of the PYTD portfolio impacts.

Table 1.3.11 Governmental / Non-Profit Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
" Lighting for Business" Applications	Stratified sampling and on-site visits	First sample to be drawn from Q1 and Q2 populations.
Prescriptive HVAC, Motor, and Refrigeration Applications	Stratified sampling and on-site visits	First sample to be drawn from Q1 and Q2 populations.
Custom Applications	Stratified sampling and on-site visits	First sample to be drawn from Q1 and Q2 populations. ADM conducts ongoing checks of evaluability for pending projects.

• Governmental / Remaining Non-Profit Program:

This program offers similar measures as the Large and Small C/I Equipment programs. The evaluation approach for this program is similar to the one employed for the Small C/I program.

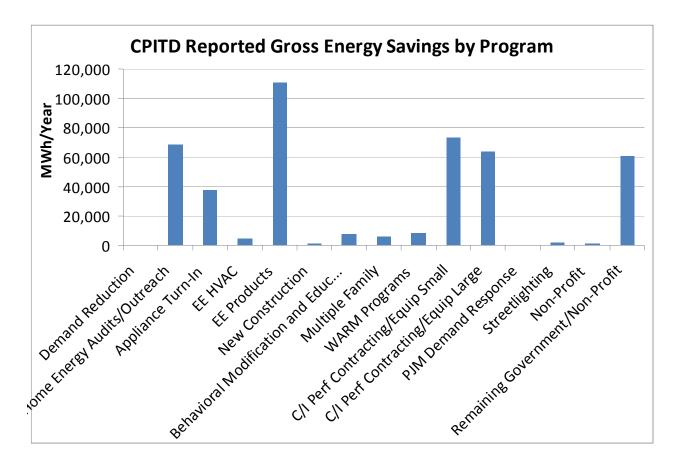
Table 1.3.11 Governmental / Remaining Non-Profit Program Evaluation Summary

Program Component	Evaluation Activities Planned	Evaluation Activities Status
"Lighting for Business" Applications	Stratified sampling and on-site visits	First sample to be drawn from Q1 and Q2 populations.
Prescriptive HVAC, Motor, and Refrigeration Applications	Stratified sampling and on-site visits	First sample to be drawn from Q1 and Q2 populations.
Custom Applications	Stratified sampling and on-site visits	First sample to be drawn from Q1 and Q2 populations. ADM conducts ongoing checks of evaluability for pending projects.

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



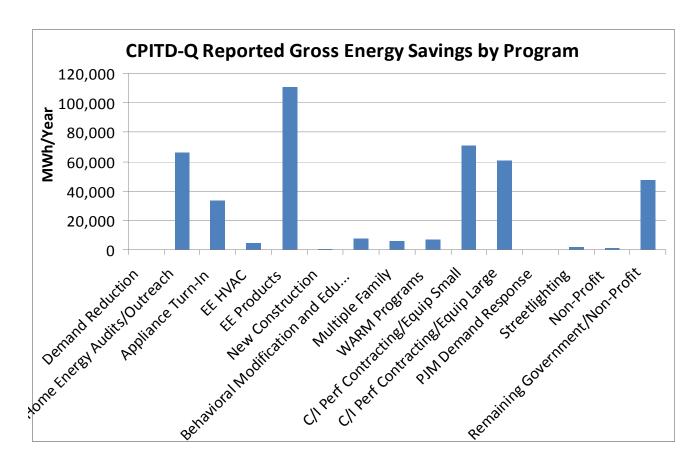


Figure 2-2. CPITD-Q Reported Gross Energy Savings by Program

A summary of energy impacts by program through PY4 Q3 is presented in **Table 2-1**.

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

		Participants	-		Reported G	ross Impact		Preliminary
Program				(MWh/Year)				Realization Rate ¹
	IQ	PYTD	CPITD	IQ	PYTD	CPITD	CPITD-Q	PYTD
Demand Reduction	-3	-334	10,962	n/a	n/a	n/a	n/a	n/a
Home Energy Audits and Outreach	2,207	43,752	116,460	1,415	27,550	68,214	66,263	89.1%
Appliance Turn-In	818	4,232	20,760	1,425	7,479	37,301	33,402	77.9%
EE HVAC	353	1,754	6,887	558	1,383	4,793	4,457	84.6%
EE Products	71,626	175,031	649,979	12,879	30,382	110,637	110,793	88.1%
New Construction	0	7	296	0	11	1,227	878	91.0%
Behavioral Modification and Education	0	92,031	92,031	0	7,834	7,834	7,834	100.0%
Multiple Family	0	31	15,247	0	474	5,629	5,615	100.0%
WARM Programs	636	1,874	19,892	324	1,100	8,125	7,152	73.7%
Small C/I Equipment	79	189	1,361	5,237	11,055	73,388	70,563	95.0%
Large C/I Equipment	6	44	229	1,870	6,711	63,971	60,758	95.0%
PJM Demand Response	0	233	233	0	0	0	0	n/a
Street lighting	4	18	258	168	549	1,928	1,903	95.0%
Non-Profit	0	7	67	0	242	1,396	1,443	95.0%
Remaining Government/Non-Profit	39	123	800	5,915	13,568	60,739	47,253	95.0%
TOTAL PORTFOLIO	75,765	318,992	935,462	29,790	108,338	445,182	418,315	90.4%

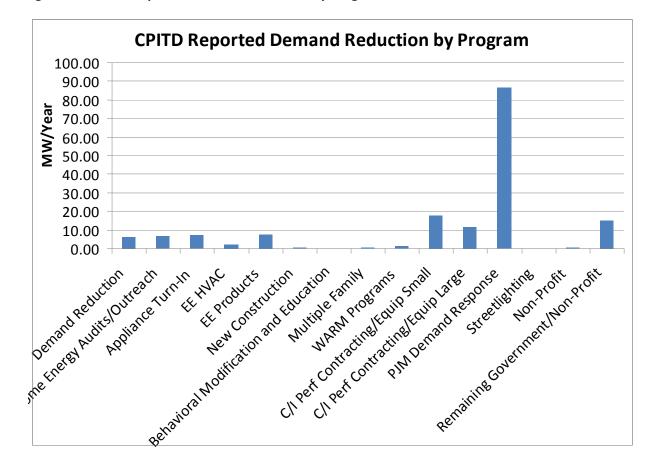
NOTES:

^{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. In this report, the realization rates for residential programs are based on tracking system review, incorporation of TRM updates, and historical verification/in-service rates. For nonresidential programs, a preliminary placeholder of 95% is used based on historical program performance.

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.



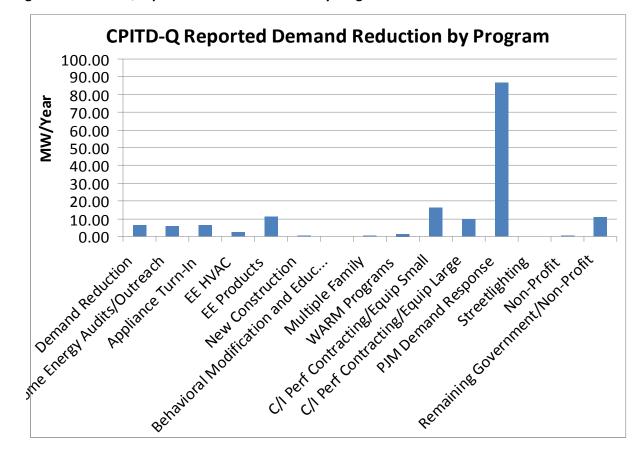


Figure 3-2. CPITD-Q Reported Demand Reduction by Program

A summary of demand reduction impacts by program through PY4 Q3 is presented in Table 3-110.

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

		Participant	s		Reported	Gross Impac	ct .	Preliminary Realization
Program					(MW)			
	IQ	PYTD	CPITD	IQ	PYTD	CPITD	CPITD-Q	PYTD
Demand Reduction	-3	-334	10,962	n/a	6.16	6.16	6.16	100.0%
Home Energy Audits and Outreach	2,207	43,752	116,460	0.11	2.71	6.64	6.01	132.4%
Appliance Turn-In	818	4,232	20,760	0.20	1.27	7.32	6.51	80.4%
EE HVAC	353	1,754	6,887	0.10	0.62	2.41	2.23	76.5%
EE Products	71,626	175,031	649,979	0.71	2.15	7.66	11.03	132.4%
New Construction	0	7	296	0.00	0.00	0.27	0.37	100.0%
Behavioral Modification and Education	0	92,031	92,031	0.00	0.00	0.00	0.00	n/a
Multiple Family	0	31	15,247	0.00	0.02	0.30	0.49	176.0%
WARM Programs	636	1,874	19,892	0.05	0.25	1.41	1.38	85.7%
Small C/I Equipment	79	189	1,361	1.32	2.92	17.67	15.96	95.0%
Large C/I Equipment	6	44	229	0.29	0.99	11.44	9.95	95.0%
PJM Demand Response	0	233	233	0.00	86.72	86.72	86.72	100.0%
Street lighting	4	18	258	0.00	0.00	0.00	0.00	n/a
Non-Profit	0	7	67	0.00	0.09	0.37	0.38	95.0%
Remaining Government/Non-Profit	39	123	800	0.94	2.68	14.98	10.65	95.0%
TOTAL PORTFOLIO	75,765	318,992	935,462	3.72	106.58	163.35	157.84	100.8%

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. In this report, the realization rates for residential programs are based on tracking system review, incorporation of TRM updates, and historical verification/in-service rates. For nonresidential programs, a preliminary placeholder of 95% is used based on historical program performance.

¹⁰ CPITD reported and CPITD-Q numbers include line losses and impacts for all programs through PY4Q3. CPITD-Q numbers and PY4 Realization rates reflect an updated 8.8% coincidence factor for CFLs.

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

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$2,384	\$11,770	\$41,321
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$2,384	\$11,770	\$41,321
			\$0
Design & Development ¹	\$21	\$73	\$535
Administration ²	\$1,123	\$3,103	\$20,970
Management ³	\$211	\$694	\$2,722
Marketing ⁴	\$0	\$24	\$942
Technical Assistance ⁵	\$47	\$142	\$617
Subtotal EDC Implementation Costs	\$1,401	\$4,035	\$25,787
EDC Evaluation Costs	\$126	\$658	\$2,011
SWE Audit Costs	\$0	\$133	\$927
Total EDC Costs	\$3,911	\$16,596	\$70,045
Participant Costs	\$0	\$0	\$0
Total TRC Costs	, , , , , , , , , , , , , , , , , , ,	4 0	Ψ.
Notes:			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

4.2 Program Level Expenditures

Program-specific finances are shown in the following tables.

Table 4-2. Summary of Program Finances – Residential Demand Reduction

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$14	\$226	\$698
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$14	\$226	\$698
			\$0
Design & Development ¹	\$0	\$0	\$49
Administration ²	\$98	\$730	\$8,218
Management ³	\$0	\$0	\$349
Marketing ⁴	\$0	\$0	\$101
Technical Assistance ⁵	\$0	\$0	\$58
Subtotal EDC Implementation Costs	\$98	\$730	\$8,775
EDC Evaluation Costs	\$8	\$22	\$115
SWE Audit Costs	\$0	\$0	\$142
Total EDC Costs	\$120	\$978	\$9,730
Participant Costs	\$0	\$0	\$0
Total TRC Costs			
Notes:			
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¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

Table 4-3. Summary of Program Finances – Residential Home Energy Audits and Outreach

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$167	\$3,273	\$8,833
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$167	\$3,273	\$8,833
			\$0
Design & Development ¹	\$4	\$13	\$96
Administration ²	\$72	-\$552	\$588
Management ³	\$44	\$131	\$391
Marketing ⁴	\$0	\$9	\$208
Technical Assistance ⁵	\$25	\$71	\$271
Subtotal EDC Implementation Costs	\$145	-\$328	\$1,553
EDC Evaluation Costs	\$11	\$73	\$219
SWE Audit Costs	\$0	\$24	\$120
Total EDC Costs	\$323	\$3,042	\$10,726
Participant Costs	\$0	\$0	\$0
Total TRC Costs	T-	7.7	7.2
Notes:			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

⁶ Negative values listed in IQ and PYTD columns reflect accounting adjustments during the quarter.

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

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$48	\$227	\$1,085
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$48	\$227	\$1,085
			\$0
Design & Development ¹	\$1	\$4	\$48
Administration ²	\$104	\$498	\$2,446
Management ³	\$11	\$34	\$152
Marketing ⁴	\$0	\$3	\$34
Technical Assistance ⁵	\$1	\$4	\$23
Subtotal EDC Implementation Costs	\$118	\$543	\$2,703
EDC Evaluation Costs	\$ 9	\$26	\$112
SWE Audit Costs	\$0	\$7	\$58
Total EDC Costs	\$175	\$804	\$3,958
Participant Costs	\$0	\$0	\$0
Total TRC Costs			
Notes:			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

Table 4-5. Summary of Program Finances – Residential Energy Efficient HVAC

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$127	\$307	\$1,100
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$127	\$307	\$1,100
			\$0
Design & Development ¹	\$1	\$2	\$14
Administration ²	\$26	-\$296	\$393
Management ³	\$5	\$32	\$112
Marketing ⁴	\$0	\$1	\$98
Technical Assistance ⁵	\$1	\$2	\$10
Subtotal EDC Implementation Costs	\$32	-\$258	\$627
EDC Evaluation Costs	\$10	\$25	\$86
SWE Audit Costs	\$0	\$4	\$23
Total EDC Costs	\$168	\$77	\$1,835
Participant Costs	\$0	\$0	\$0
Total TRC Costs	, -	, -	, -
Notes:			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

⁶ Negative values listed in IQ and PYTD columns reflect accounting adjustments during the quarter.

Table 4-6. Summary of Program Finances – Residential Energy Efficient Products

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$424	\$1,087	\$4,105
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$424	\$1,087	\$4,105
			\$0
Design & Development ¹	\$3	\$10	\$51
Administration ²	\$333	\$1,348	\$3,741
Management ³	\$26	\$80	\$281
Marketing ⁴	\$0	\$6	\$458
Technical Assistance ⁵	\$3	\$11	\$40
Subtotal EDC Implementation Costs	\$365	\$1,454	\$4,571
EDC Evaluation Costs	\$13	\$56	\$152
SWE Audit Costs	\$0	\$18	\$95
Total EDC Costs	\$802	\$2,616	\$8,923
Participant Costs	\$0	\$0	\$0
Total TRC Costs		, -	
Notes:			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

Table 4-7. Summary of Program Finances – Residential New Construction

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$2	\$24	\$630
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$2	\$24	\$630
			\$0
Design & Development ¹	\$0	\$1	\$34
Administration ²	\$61	\$111	\$577
Management ³	\$3	\$10	\$125
Marketing ⁴	\$0	\$1	\$35
Technical Assistance ⁵	\$0	\$1	\$24
Subtotal EDC Implementation Costs	\$65	\$124	\$795
EDC Evaluation Costs	\$2	\$32	\$74
SWE Audit Costs	\$0	\$2	\$51
Total EDC Costs	\$69	\$183	\$1,550
Participant Costs	\$0	\$0	\$0
Total TRC Costs	T-2	7-7	7-7
Notes:			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

Table 4-8. Summary of Program Finances – Residential Behavioral Modification and Education

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$0	\$0
			\$0
Design & Development ¹	\$2	\$6	\$6
Administration ²	\$90	\$269	\$1,052
Management ³	\$16	\$50	\$50
Marketing ⁴	\$0	\$4	\$4
Technical Assistance ⁵	\$2	\$7	\$7
Subtotal EDC Implementation Costs	\$110	\$336	\$1,119
EDC Evaluation Costs	\$8	\$23	\$23
SWE Audit Costs	\$0	\$12	\$12
Total EDC Costs	\$117	\$370	\$1,154
Participant Costs	\$0	\$0	\$0
Total TRC Costs		·	·
Notes:			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

Table 4-9. Summary of Program Finances – Residential Multiple Family

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$6	\$8	\$418
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$6	\$8	\$418
			\$0
Design & Development ¹	\$0	\$0	\$3
Administration ²	-\$81	-\$75	\$49
Management ³	\$1	\$2	\$11
Marketing ⁴	\$0	\$0	\$2
Technical Assistance ⁵	\$0	\$0	\$2
Subtotal EDC Implementation Costs	-\$80	-\$72	\$66
EDC Evaluation Costs	\$0	\$1	\$24
SWE Audit Costs	\$0	\$1	\$4
Total EDC Costs	-\$74	-\$62	\$513
Participant Costs	\$0	\$0	\$0
Total TRC Costs	•		
Notes:			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

⁶ Negative values listed in IQ and PYTD columns reflect accounting adjustments during the quarter.

Table 4-10 Summary of Program Finances – Residential Low-Income (WARM)

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$174	\$793	\$3,685
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$174	\$793	\$3,685
			\$0
Design & Development ¹	\$2	\$6	\$44
Administration ²	\$10	\$66	\$216
Management ³	\$20	\$73	\$315
Marketing ⁴	\$0	\$0	\$2
Technical Assistance ⁵	\$2	\$7	\$44
Subtotal EDC Implementation Costs	\$35	\$152	\$620
EDC Evaluation Costs	\$6	\$42	\$163
SWE Audit Costs	\$0 \$0	\$11	\$56
Total EDC Costs	\$215	\$998	\$4,524
Participant Costs	\$0	\$0	\$0
Total TRC Costs	, -	1.	
Notes:			
1			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

Table 4-11. Summary of Program Finances – Commercial / Industrial Small Sector Equipment

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$236	\$827	\$7,193
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$236	\$827	\$7,193
			\$0
Design & Development ¹	\$1	\$2	\$75
Administration ²	\$699	\$1,043	\$2,320
Management ³	\$24	\$100	\$338
Marketing ⁴	\$0	\$0	\$0
Technical Assistance ⁵	\$1	\$2	\$42
Subtotal EDC Implementation Costs	\$724	\$1,147	\$2,774
EDC Evaluation Costs	\$10	\$240	\$380
SWE Audit Costs	\$0	\$4	\$119
Total EDC Costs	\$970	\$2,217	\$10,466
Participant Costs	\$0	\$0	\$0
Total TRC Costs	, -	, -	, -
Notes:			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

Table 4-12. Summary of Program Finances – Commercial / Industrial PJM Demand Response

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$503	\$3,494	\$3,646
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$503	\$3,494	\$3,646
			\$0
Design & Development ¹	\$0	\$0	\$5
Administration ²	\$0	\$2	\$2
Management ³	\$4	\$20	\$128
Marketing ⁴	\$0	\$0	\$0
Technical Assistance ⁵	\$0	\$3	\$22
Subtotal EDC Implementation Costs	\$4	\$25	\$157
EDC Evaluation Costs	\$28	\$46	\$78
SWE Audit Costs	\$0	\$1	\$68
Total EDC Costs	\$534	\$3,566	\$3,949
Participant Costs	\$0	\$0	\$0
Total TRC Costs	, -	, -	, -
Notes:			
1			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

Table 4-13. Summary of Program Finances – Commercial / Industrial Large Sector Equipment

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$43	\$154	\$4,316
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$43	\$154	\$4,316
			\$0
Design & Development ¹	\$0	\$1	\$50
Administration ²	-\$411	-\$315	\$354
Management ³	\$12	\$42	\$218
Marketing ⁴	\$0	\$0	\$0
Technical Assistance ⁵	\$0	\$1	\$21
Subtotal EDC Implementation Costs	-\$399	-\$271	\$643
EDC Evaluation Costs	\$1	-\$10	\$443
SWE Audit Costs	\$0	\$2	\$63
Total EDC Costs	-\$356	-\$125	\$5,465
Participant Costs	\$0	\$0	\$0
Total TRC Costs	T	7-	7-
Notes:			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

⁶ Negative values listed in IQ and PYTD columns reflect accounting adjustments during the quarter.

Table 4-14. Summary of Program Finances – Governmental / Non-Profit Street Lighting

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$146	\$479	\$1,760
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$146	\$479	\$1,760
			\$0
Design & Development ¹	\$2	\$8	\$24
Administration ²	-\$96	-\$87	\$4
Management ³	\$13	\$35	\$88
Marketing ⁴	\$0	\$0	\$0
Technical Assistance ⁵	\$3	\$8	\$18
Subtotal EDC Implementation Costs	-\$78	-\$36	\$133
EDC Evaluation Costs	\$6	\$29	\$62
SWE Audit Costs	\$0	\$14	\$39
Total EDC Costs	\$73	\$486	\$1,994
Participant Costs	\$0	\$0	\$0
Total TRC Costs			
Notes:			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

⁶ Negative values listed in IQ and PYTD columns reflect accounting adjustments during the quarter.

Table 4-15. Summary of Program Finances – Governmental / Non-Profit

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$0	\$27	\$89
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$0	\$27	\$89
			\$0
Design & Development ¹	\$4	\$14	\$16
Administration ²	\$4	\$19	\$103
Management ³	\$20	\$57	\$62
Marketing ⁴	\$0	\$0	\$0
Technical Assistance ⁵	\$5	\$16	\$17
Subtotal EDC Implementation Costs	\$34	\$107	\$198
EDC Evaluation Costs	\$11	\$36	\$37
SWE Audit Costs	\$0	\$26	\$29
Total EDC Costs	\$44	\$196	\$353
Participant Costs	\$0	\$0	\$0
Total TRC Costs	·	·	·
Notes:			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System

Table 4-16. Summary of Program Finances – Governmental / Remaining Non-Profit

	IQ (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$496	\$843	\$3,763
EDC Incentives to Trade Allies	\$0	\$0	\$0
Subtotal EDC Incentive Costs	\$496	\$843	\$3,763
			\$0
Design & Development ¹	\$1	\$5	\$20
Administration ²	\$214	\$342	\$908
Management ³	\$11	\$27	\$102
Marketing ⁴	\$0	\$0	\$0
Technical Assistance ⁵	\$2	\$6	\$20
Subtotal EDC Implementation Costs	\$228	\$381	\$1,051
EDC Evaluation Costs	\$4	\$17	\$42
SWE Audit Costs	\$0	\$10	\$50
Total EDC Costs	\$728	\$1,250	\$4,906
Participant Costs	\$0	\$0	\$0
Total TRC Costs	, -	, -	, -
Notes:			

¹Includes costs of Energy Efficiency consultants involved in plan design and development.

²Costs paid to Conservation Service Providers (CSPs) for program implementation. To define in the TRC Technical Working Group.

³Costs incurred to manage the CSPs and programs. To define in the TRC Technical Working Group.

⁴Includes umbrella marketing costs for programs. Marketing completed by the CSPs are included in Administration.

⁵Includes costs for Tracking and Reporting System