# Quarterly Report to the Pennsylvania Public Utility Commission

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

For Pennsylvania Act 129 of 2008 Energy Efficiency and Conservation Plan

Prepared by Navigant Consulting, Inc.

For

Duquesne Light Company

October 15, 2012

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# Acronyms

CFL	Compact Fluorescent Lamp
CPITD	Cumulative Program/Portfolio Inception to Date
CPITD-Q	CPITD, comprising verified gross PY2 savings and reported gross PY3 and PY4
	savings
CSP	Conservation Service Provider
DLC	Duquesne Light Company
EDC	Electric Distribution Company
EE&C	Energy Efficiency & Conservation
EM&V	Evaluation Measurement and Verification
IQ	Incremental Quarter
IR	Installation Rate
kW	Kilowatt
kWh	Kilowatt-hour
LIEEP	Residential Low-Income Energy Efficiency Program
M&V	Measurement and Verification
MW	Megawatt
MWh	Megawatt-hour
NTG	Net-to-Gross
PA	Pennsylvania
PMRS	Program Management and Reporting System
PUC	Public Utility Commission
PY	Program/Portfolio Year
PY4	Program Year 4 (June 2012 to May 2013)
PY4Q1	Program Year 4 Quarter 1 (6/1/2012 to 8/31/2012)
PYTD	Program/Portfolio Year to Date
REEP	Residential Energy Efficiency Rebate Program
RR	Realization Rate
RARP	Residential Appliance Recycling Program
SEP	Residential School Energy Pledge
SWE	Statewide Evaluator
TRC	Total Resource Cost
TRM	Technical Reference Manual
UES	Unit Energy Savings
VR	Verification Rate

# **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 Duquesne Light Company (Duquesne) in the first 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.

Navigant Consulting, Inc. (Navigant) is evaluating the programs, which includes measurement and verification of the savings. The verified savings for PY4 will be reported in the annual report, to be filed November 15, 2013.

# **1.1** Summary of Achievements

Duquesne has achieved 81 percent of the May 31, 2013 energy savings compliance target, based on cumulative program inception to date (CPITD) reported gross energy savings<sup>1</sup>, and 80 percent of the energy savings compliance target, based on CPITD gross energy savings achieved through Quarter 1 (CPITD-Q)<sup>2</sup>, as shown in **Error! Reference source not found.**.

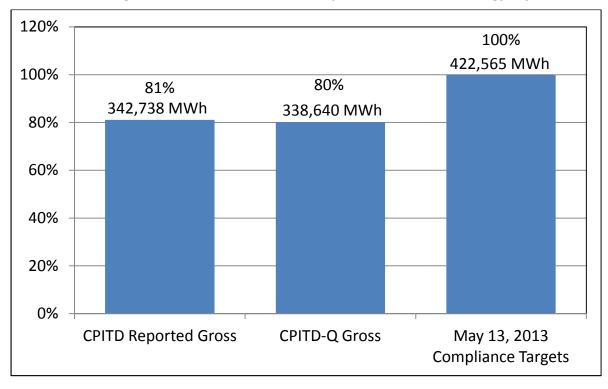
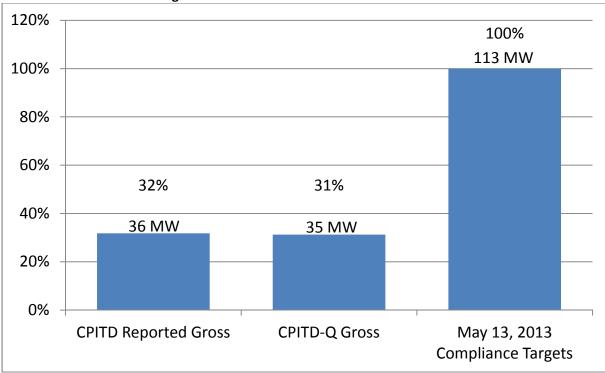


Figure 1-1 Cumulative Portfolio Inception to Date (CPITD) Energy Impacts

<sup>&</sup>lt;sup>1</sup> CPITD Reported Gross Savings = CPITD Reported Gross Savings through PY2 + PYTD Reported Gross Savings. All savings reported as CPITD reported gross savings are computed this way.

<sup>&</sup>lt;sup>2</sup> CPITD-Q Gross Savings = CPITD Verified Gross Savings through PY2 + 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.

Duquesne has achieved 32 percent of the May 31, 2013 demand reduction compliance target, based on CPITD reported gross demand reduction and 31 percent of the demand reduction compliance target based on CPITD gross demand reduction achieved through Quarter 1 (CPITD-Q), as shown in Figure 1-2.





There are 26 measures available to the low-income sector. The measures offered to the low-income sector therefore comprise 38 percent of the total measures offered. As required by Act 129, this exceeds the fraction of total electricity consumption in the Duquesne territory divided by the electric consumption of the utility's low-income households (7.88 percent).<sup>3</sup> The CPITD reported gross energy savings achieved in the low-income sector is 25,192 MWh; this is 7.4 percent of the CPITD total portfolio reported gross energy savings.

<sup>&</sup>lt;sup>3</sup> 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.

Duquesne achieved 76 percent of the May 31, 2013, energy reduction compliance target for government, nonprofit and institutional sector, based on CPITD reported gross energy savings, and 75 percent of the target based on CPITD gross energy savings achieved through Quarter 1 (CPITD-Q)<sup>4</sup>, as shown in Figure 1-3.

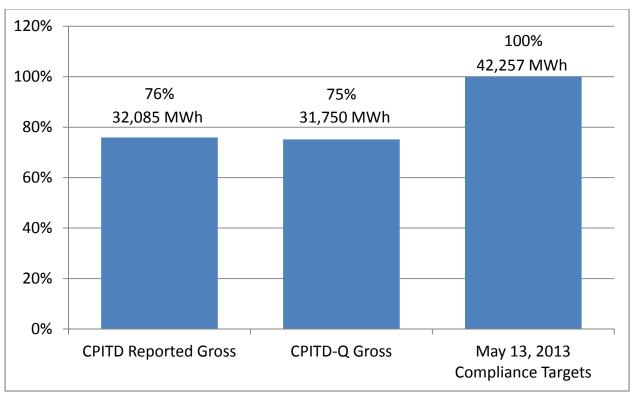


Figure 1-3. Government, Nonprofit, and Institutional Sectors

# 1.2 Program Updates and Findings

The energy efficiency programs have not been modified substantively for the first quarter of Program Year Four.

Duquesne Light has an agreement with Comverge, Inc. to implement a direct load control program for central air conditioners and electric water heaters for residential homeowners. There was also an agreement with Comverge to implement a direct load control program targeted at small and mid-sized

<sup>&</sup>lt;sup>4</sup> CPITD-Q Gross Savings = CPITD Verified Gross Savings through PY2 + 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.

commercial and industrial facilities for air conditioner cycling. Customers were recruited from all customer classes; however, participants were for the residential air conditioner program only. No customers signed up for water heaters in the residential program or for air conditioners in the small and mid-sized commercial and industrial program. Installations as of the end of May 2012 totaled 1,503 air conditioning units, all in residential dwellings. There were 1,472 participating units for the final curtailment event in August 2012, as a few participants dropped out of the program during the course of the summer.

The Curtailable Load Program was launched in November 2011 under an agreement with EnerNOC, Inc. In addition, ClearChoice served as an agent of Duquesne under its public agency partnership program from March 2012. For the summer of 2012, there were 31 facilities enrolled in the program, including 16 by EnerNOC and 15 by Clear Choice. The peak loads for the enrolled facilities totaled 175 MW for 2011.

No other specific Energy Efficiency and Conservation Plan or program improvements have been implemented in this quarter.

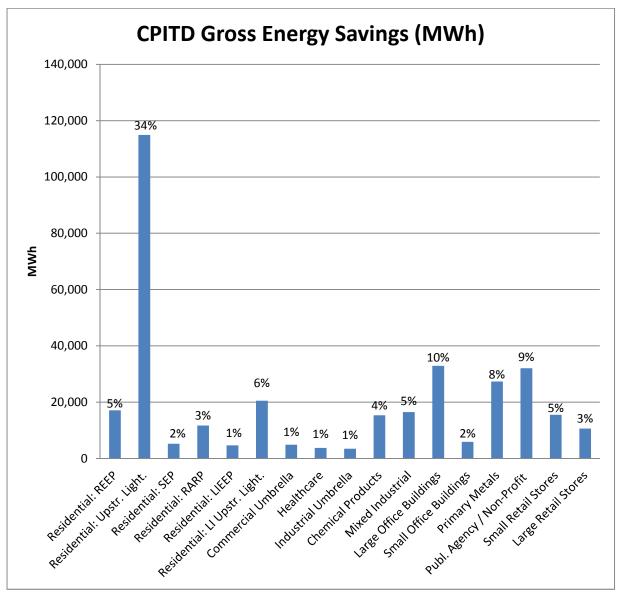
# **1.3** Evaluation Updates and Findings

Navigant has continued to schedule and conduct telephone and on-site verification and net-to-gross surveys with sampled Program Year Three participants. These results will be used in the final report for Program Year Three, to be submitted by November 15, 2012. Plans are also underway to enable surveying of Watt Choices Curtailable Load program participants, as part of the Statewide Evaluator's (SWE's) effort to estimate the extent to which customer load reductions resulting from EDC Demand Response programs would have occurred anyway due to the existence of PJM load reduction programs.

# 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



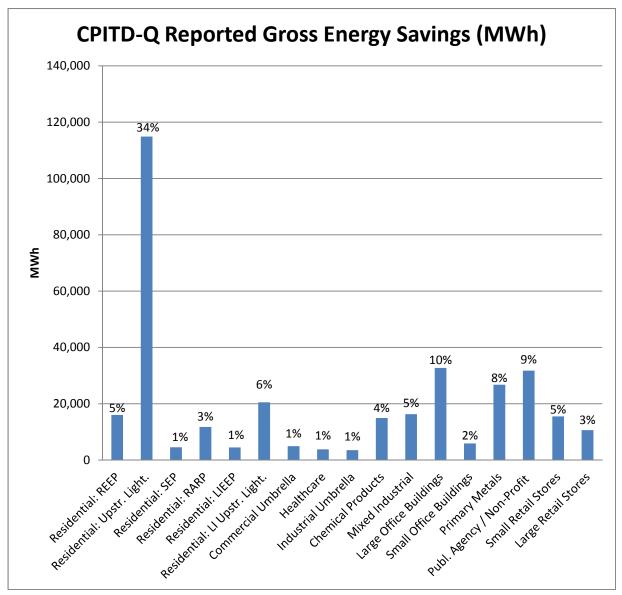


Figure 2-2. CPITD-Q Reported Gross Energy Savings by Program

A summary of energy impacts by program through the PY4Q1 is presented in Table 2-1.

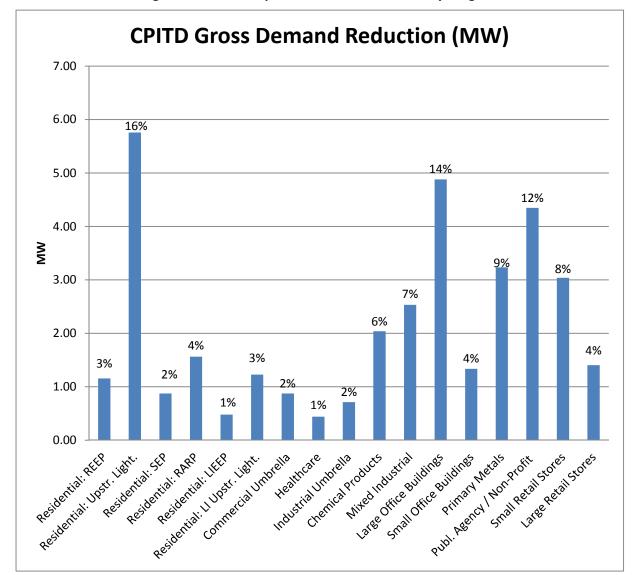
	Reported Gross Impact Participants (MWh/Year)			Preliminary Realization Rate				
Drogram	IQ	PYTD	CPITD	IQ	PYTD		CPITD-Q	PYTD
<b>Program</b> Residential: EE Program (REEP): Rebate Program	6,110	6,110	42,043	2,539	2,539	17,116	16,003	-
Residential: EE Program (Upstream Lighting)	N/A	N/A	N/A	7,587	7,587	114,898	114,892	-
Residential: School Energy Pledge	0	0	12,860	0	0	5,256	4,497	-
Residential: Appliance Recycling	948	948	7,574	1,373	1,373	11,737	11,724	-
Residential: Low Income EE	1,317	1,317	8,655	913	913	4,688	4,442	-
Residential: Low Income EE (Upstream Lighting)*	N/A	N/A	N/A	0	0	20,505	20,502	-
Commercial Sector Umbrella EE	7	7	163	33	33	4,920	4,895	-
Healthcare EE	2	2	24	0	0	3,780	3,768	-
Industrial Sector Umbrella EE	0	0	8	0	0	3,502	3,485	-
Chemical Products EE	1	1	12	48	48	15,365	14,945	-
Mixed Industrial EE	17	17	103	2,222	2,222	16,495	16,302	-
Office Building – Large – EE	23	23	137	3,197	3,197	32,906	32,685	-
Office Building – Small EE	30	30	214	648	648	5,917	5,896	-
Primary Metals EE	5	5	36	2,384	2,384	27,365	26,759	-
Public Agency / Non-Profit	27	27	271	1,545	1,545	32,085	31,750	-
Retail Stores – Small EE	50	50	560	2,915	2,915	15,550	15,474	-
Retail Stores – Large EE	7	7	95	870	870	10,652	10,623	-
TOTAL PORTFOLIO	8,544	8,544	72,755	26,271	26,271	342,738	338,640	-

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

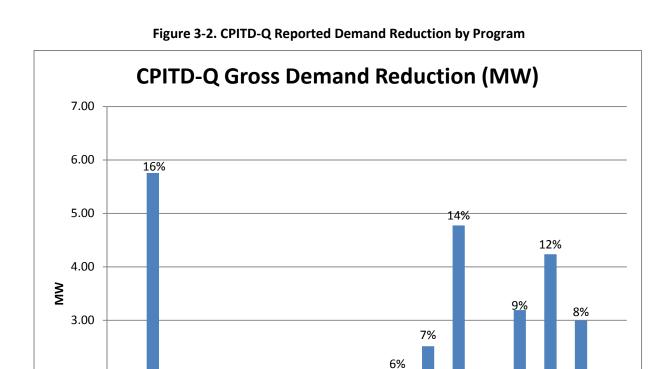
\*Allocation of a portion of Upstream Lighting Program savings to the low-income segment will be done for the final PY4 report.

# 3 Summary of Demand Impacts by Program

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







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Residential. Upst. Light.

Residential.SEP

Residential RARP

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Latte Retail Stores

A summary of demand reduction impacts by program through the PY4Q1 is presented in Table 3-1.

				Reported Gross Impact				Preliminary Realization
		Participant	S		(№	1W)		Rate
Program	IQ	PYTD	CPITD	IQ	PYTD	CPITD	CPITD-Q	PYTD
Residential: EE Program (REEP): Rebate Program	6,110	6,110	42,043	0.158	0.158	1.155	1.088	-
Residential: EE Program (Upstream Lighting)	N/A	N/A	N/A	0.346	0.346	5.757	5.756	-
Residential: School Energy Pledge	0	0	12,860	0.000	0.000	0.876	0.835	-
Residential: Appliance Recycling	948	948	7,574	0.170	0.170	1.564	1.562	-
Residential: Low Income EE	1,317	1,317	8,655	0.090	0.090	0.479	0.471	-
Residential: Low Income EE (Upstream Lighting)*	N/A	N/A	N/A	0.000	0.000	1.227	1.123	-
Commercial Sector Umbrella EE	7	7	163	0.006	0.006	0.875	0.856	-
Healthcare EE	2	2	24	0.000	0.000	0.440	0.437	-
Industrial Sector Umbrella EE	0	0	8	0.000	0.000	0.713	0.711	-
Chemical Products EE	1	1	12	0.004	0.004	2.040	2.008	-
Mixed Industrial EE	17	17	103	0.340	0.340	2.532	2.516	-
Office Building – Large – EE	23	23	137	0.767	0.767	4.881	4.776	-
Office Building – Small EE	30	30	214	0.093	0.093	1.337	1.324	-
Primary Metals EE	5	5	36	0.239	0.239	3.232	3.190	-
Public Agency / Non-Profit	27	27	271	0.274	0.274	4.348	4.236	-
Retail Stores – Small EE	50	50	560	0.298	0.298	3.039	2.996	-
Retail Stores – Large EE	7	7	95	0.134	0.134	1.406	1.396	-
TOTAL PORTFOLIO	8,544	8,544	72,755	2.920	2.920	35.901	35.281	-

Table 3-1. Partici	pation and Reported	Gross Demand R	Reduction by Program

\*Allocation of a portion of Upstream Lighting Program demand reductions to the low-income segment will be done for the final PY4 report.

# 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 – August 31, 2012

	PY4 Quarter 1 (\$000)	РҮТD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$1,428	\$1,428	\$16,241
EDC Incentives to Trade Allies	0	0	92
Subtotal EDC Incentive Costs	1,428	1,428	16,333
Design & Development	0	0	3,481
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	3,486	3,486	22,242
Marketing	95	95	1,745
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	3,581	3,581	27,468
EDC Evaluation Costs	114	114	1,443
SWE Audit Costs	310	310	1,952
Total EDC Costs <sup>[3]</sup>	5,433	5,433	47,196
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	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 2011 Total Resource Cost Test Order approved July 28, 2011.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

# 4.2 Program Level Expenditures

Program-specific finances are shown in the following tables.

#### 4-2. Summary of Program Finances – Residential Energy Efficiency – August 31, 2012

	PY4 Quarter 1 (\$000)	РҮТD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$282	\$282	3,353
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	282	282	3,353
Design & Development	0	0	541
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	1,307	1,307	6,375
Marketing	21	21	334
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	1,328	1,328	7,250
EDC Evaluation Costs	24	24	308
SWE Audit Costs	67	67	375
Total EDC Costs <sup>[3]</sup>	1,701	1,701	11,286
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	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 2011 Total Resource Cost Test Order approved July 28, 2011.

Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$0	\$0	\$164
EDC Incentives to Trade Allies	0	0	92
Subtotal EDC Incentive Costs	0	0	256
Design & Development	0	0	372
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	27	27	909
Marketing	2	2	47
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	29	29	1,328
EDC Evaluation Costs	3	3	46
SWE Audit Costs	8	8	54
Total EDC Costs <sup>[3]</sup>	40	40	1,684
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

# Table 4-3. Summary of Program Finances – School Energy Pledge – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$34	\$34	\$272
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	34	34	272
Design & Development	0	0	97
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	152	152	1,123
Marketing	2	2	43
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	154	154	1,263
EDC Evaluation Costs	3	3	40
SWE Audit Costs	8	8	48
Total EDC Costs <sup>[3]</sup>	199	199	1,623
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

# Table 4-4. Summary of Program Finances – Appliance Recycling – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	PYTD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$196	\$196	\$865
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	196	196	865
Design & Development	0	0	153
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	81	81	661
Marketing	6	6	109
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	87	87	923
EDC Evaluation Costs	7	7	102
SWE Audit Costs	20	20	123
Total EDC Costs <sup>[3]</sup>	310	310	2,013
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

#### Table 4-5. Summary of Program Finances – Low Income Energy Efficiency – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	РҮТD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$0	\$0	\$26
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	0	0	26
Design & Development	0	0	0
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	22	22	1,021
Marketing	0	0	0
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	22	22	1,021
EDC Evaluation Costs	0	0	0
SWE Audit Costs	0	0	0
Total EDC Costs <sup>[3]</sup>	22	22	1,047
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

#### Table 4-6. Summary of Program Finances – Residential Demand Response – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	РҮТD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$3	\$3	\$433
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	3	3	433
Design & Development	0	0	91
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	201	201	628
Marketing	4	4	54
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	205	205	773
EDC Evaluation Costs	4	4	41
SWE Audit Costs	12	12	60
Total EDC Costs <sup>[3]</sup>	224	224	1,307
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

#### Table 4-7. Summary of Program Finances – Commercial Umbrella – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	РҮТD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$68	\$68	\$411
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	68	68	411
Design & Development	0	0	180
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	51	51	446
Marketing	5	5	87
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	56	56	713
EDC Evaluation Costs	6	6	70
SWE Audit Costs	15	15	97
Total EDC Costs <sup>[3]</sup>	145	145	1,291
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

# Table 4-8. Summary of Program Finances – Small Office – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	РҮТD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$72	\$72	\$1,905
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	72	72	1.905
Design & Development	0	0	343
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	185	185	1,392
Marketing	10	10	176
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	195	195	1,911
EDC Evaluation Costs	12	12	138
SWE Audit Costs	31	31	195
Total EDC Costs <sup>[3]</sup>	310	310	4,149
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

#### Table 4-9. Summary of Program Finances – Large Office – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	РҮТD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$177	\$177	\$1,765
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	177	177	1,765
Design & Development	0	0	210
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	149	149	1,163
Marketing	6	6	106
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	155	155	1,479
EDC Evaluation Costs	7	7	83
SWE Audit Costs	19	19	118
Total EDC Costs <sup>[3]</sup>	358	358	3,445
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

#### Table 4-10. Summary of Program Finances – Retail – Large and Small – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	РҮТD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$139	\$139	\$3,329
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	139	139	3,329
Design & Development	0	0	579
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	522	522	2,130
Marketing	16	16	292
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	538	538	3,001
EDC Evaluation Costs	19	19	228
SWE Audit Costs	52	52	326
Total EDC Costs <sup>[3]</sup>	748	748	6,884
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

### Table 4-11. Summary of Program Finances – Public Agency/Non-Profit/Education – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	РҮТD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$275	\$275	\$387
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	275	275	387
Design & Development	0	0	93
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	133	133	951
Marketing	5	5	97
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	138	138	1,141
EDC Evaluation Costs	6	6	76
SWE Audit Costs	17	17	109
Total EDC Costs <sup>[3]</sup>	436	436	1,713
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

# Table 4-12. Summary of Program Finances – Healthcare – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	РҮТD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$0	\$0	\$247
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	0	0	247
Design & Development	0	0	39
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	15	15	110
Marketing	1	1	28
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	16	16	177
EDC Evaluation Costs	2	2	22
SWE Audit Costs	5	5	32
Total EDC Costs <sup>[3]</sup>	23	23	478
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

# Table 4-13. Summary of Program Finances – Industrial Umbrella – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	РҮТD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$88	\$88	1,068
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	88	88	1,068
Design & Development	0	0	39
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	96	96	1,296
Marketing	3	3	61
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	99	99	1,396
EDC Evaluation Costs	4	4	46
SWE Audit Costs	10	10	69
Total EDC Costs <sup>[3]</sup>	201	201	2,579
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

#### Table 4-14. Summary of Program Finances – Mixed Industrial – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	РҮТD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$16	\$16	\$689
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	16	16	689
Design & Development	0	0	130
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	31	31	1,124
Marketing	3	3	66
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	34	34	1,320
EDC Evaluation Costs	4	4	51
SWE Audit Costs	12	12	73
Total EDC Costs <sup>[3]</sup>	66	66	2,133
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

# Table 4-15. Summary of Program Finances – Chemicals – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	РҮТD (\$000)	CPITD (\$000)
EDC Incentives to Participants	\$78	\$78	1,156
EDC Incentives to Trade Allies	0	0	0
Subtotal EDC Incentive Costs	78	78	1,156
Design & Development	0	0	430
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	258	258	2,601
Marketing	10	10	185
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	268	268	3,216
EDC Evaluation Costs	12	12	140
SWE Audit Costs	31	31	210
Total EDC Costs <sup>[3]</sup>	389	389	4,722
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

# Table 4-16. Summary of Program Finances – Primary Metals – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.

	PY4 Quarter 1 (\$000)	РҮТD (\$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
Design & Development	0	0	0
Administration <sup>[1]</sup>	0	0	0
Management <sup>[2]</sup>	258	258	363
Marketing	1	1	3
Technical Assistance	0	0	0
Subtotal EDC Implementation Costs	259	259	366
EDC Evaluation Costs	1	1	2
SWE Audit Costs	2	2	4
Total EDC Costs <sup>[3]</sup>	262	262	372
Participant Costs <sup>[4]</sup>	N/A	N/A	N/A
Total TRC Costs	N/A	N/A	N/A

#### Table 4-17. Summary of Program Finances – Large Curtailable Demand Response – August 31, 2012

#### NOTES

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.

<sup>1</sup> Implementation contractor costs.

<sup>2</sup> EDC costs other than those identified explicitly.

<sup>3</sup> Per the 2011 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.