



Duquesne Light

Our Energy... Your Power

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January 14, 2016

RECEIVED

Via Overnight Delivery

Ms. Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, PA 17120

JAN 14 2016

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

**Re: Duquesne Light Company Energy Efficiency, Conservation and Demand Response Plan
Docket No. M-2012-2334399**

Dear Secretary Chiavetta:

Enclosed for filing is Duquesne Light Company's Quarterly Report to the Pennsylvania Public Utility Commission for the period of September 1, 2015 through November 30, 2015, Program Year 7, Quarter 2 for its Phase II Energy Efficiency and Conservation Plan.

Duquesne Light is also providing a copy of the report to the Act 129 Statewide Evaluator (GDS Associates, Inc.).

Respectfully Submitted,

Adrienne D. Kurtanich
Attorney, Regulatory

Enclosure

cc: David Defide, Duquesne Light Company

Quarterly Report to the Pennsylvania Public Utility Commission

**For the Period
September 1, 2015 through November 30, 2015
Program Year 7, Quarter 2**

RECEIVED

JAN 14 2016

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

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

Prepared by Navigant Consulting Inc.

For

Duquesne Light

January 14, 2016

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Acronyms

C&I	Commercial and Industrial
CATI	Computer-Aided Telephone Interview
CFL	Compact Fluorescent Lamp
Phase II	Cumulative Program/Portfolio Phase II Inception to Date (Phase II Savings)
Phase II-CO	Cumulative Program/Portfolio Phase II Inception to Date including Carry Over Savings from Phase I
Phase II-Q	Phase II verified gross savings from the beginning of Phase II + PYTD reported gross savings.
Phase II-Q-CO	Phase II verified gross savings from the beginning of Phase II + verified Carry Over Savings from Phase I + PYTD reported gross savings
CSP	Conservation Service Provider or Curtailment Service Provider
CVR	Conservation Voltage Reduction
CVRf	Conservation Voltage Reduction factor
DLC	Direct Load Control
DR	Demand Response
EDC	Electric Distribution Company
EE&C	Energy Efficiency and Conservation
EM&V	Evaluation, Measurement, and Verification
GNI	Government, Non-Profit, Institutional
HVAC	Heating, Ventilating, and Air Conditioning
IQ	Incremental Quarter
kW	Kilowatt
kWh	Kilowatt-hour
LED	Light Emitting Diode
LEEP	Low-Income Energy Efficiency Program
LIURP	Low-Income Usage Reduction Program
M&V	Measurement and Verification
MW	Megawatt
MWh	Megawatt-hour
NTG	Net-to-Gross
PA PUC	Pennsylvania Public Utility Commission
PY5	Program Year 2013, from June 1, 2013 to May 31, 2014
PY6	Program Year 2014, from June 1, 2014 to May 31, 2015
PY7	Program Year 2015, from June 1, 2015 to May 31, 2016
PYX	Program Year 201X
PY7 Q2	Program Year 7, Quarter 2
PYTD	Program Year to Date

SEER	Seasonal Energy Efficiency Rating
SWE	Statewide Evaluator
TRC	Total Resource Cost
TRM	Technical Reference Manual

1 Overview of Portfolio

Pennsylvania Act 129 of 2008 signed on October 15, 2008, mandated energy savings and demand reduction goals for the largest electric distribution companies (EDCs) in Pennsylvania for Phase I (2008 through 2013). In 2009, each EDC submitted energy efficiency and conservation (EE&C) plans—which were approved by the Pennsylvania Public Utility Commission (PUC)—pursuant to these goals. Duquesne Light filed new EE&C plans with the PA PUC in November 2012 for Phase II (June 2013 through May 2016) of the Act 129 programs. These plans were subsequently approved by the PUC in 2013.

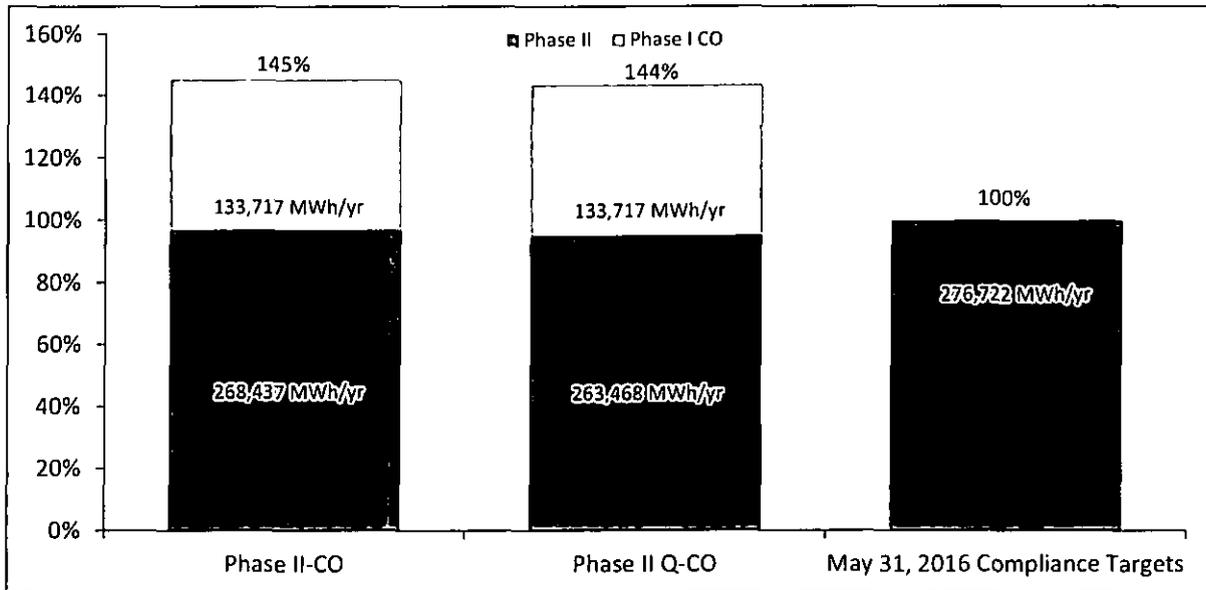
Implementation of Phase II of the Act 129 programs began on June 1, 2013. This report documents the progress and effectiveness of the Phase II EE&C accomplishments for Duquesne Light in the 2nd quarter of Program Year 7 (PY7), defined as September 1, 2015, through November 30, 2015, as well as the cumulative accomplishments of the programs since inception of Phase II. This report additionally documents the energy savings carried over from Phase I. The Phase I carry over savings count towards EDC savings compliance targets for Phase II.

Navigant Consulting, Inc. (Navigant) is evaluating the programs, which included measurement and verification of the savings. The verified savings for PY7 will be reported in the annual report, to be filed November 15, 2016.

1.1 Summary of Achievements

Duquesne Light has achieved 145 percent of the May 31, 2016 energy savings compliance target, based on cumulative program inception to date (Phase II) reported gross energy savings¹, and 144 percent of the energy savings compliance target, based on Phase II-Q-CO² gross energy savings achieved through Quarter 2, as shown in Figure 1-1.

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

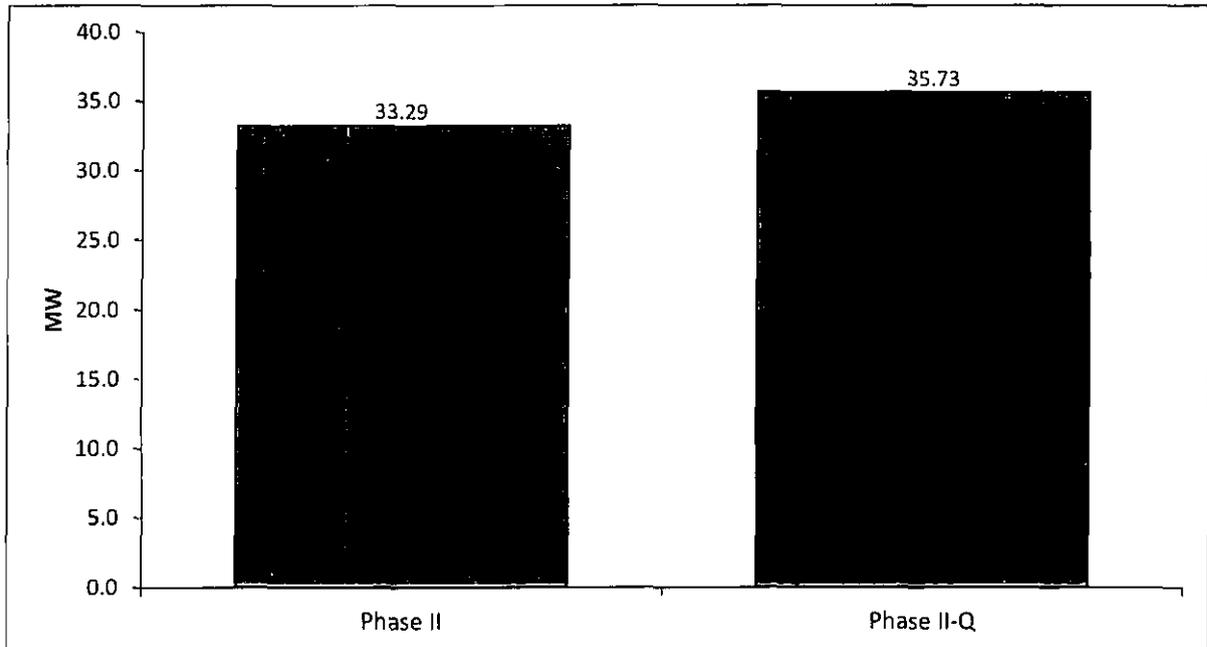


¹ Phase II Reported Gross Savings = Phase II Reported Gross Savings from the beginning of Phase II through the end of the current quarter. All savings reported as Phase II reported gross savings are computed this way.

² Phase II-Q-CO Gross Savings = Phase II verified gross savings from the beginning of Phase II including verified Carry Over Savings from Phase I + PY5 verified gross savings, PY6 verified gross savings and PYTD reported gross savings.

Duquesne Light has achieved 35.73 MW of demand reduction since the start of Phase II.

Figure 1-2: Phase II Portfolio Demand Reduction



There are 14 measures available to the low-income sector at no cost to the customer. These measures offered to the low-income sector therefore comprise 15 percent of the total measures offered. As required for Phase II this exceeds the fraction of the electric consumption of the utility's low-income households divided by the total electricity consumption in the Duquesne Light territory (8.4 percent).³ The Phase II reported gross energy savings achieved in the low-income sector is 16,465 MWh/yr; this is 6.1 percent of the Phase II total portfolio reported gross energy savings. This exceeds the percentage required (4.5%) of the Phase II goal.

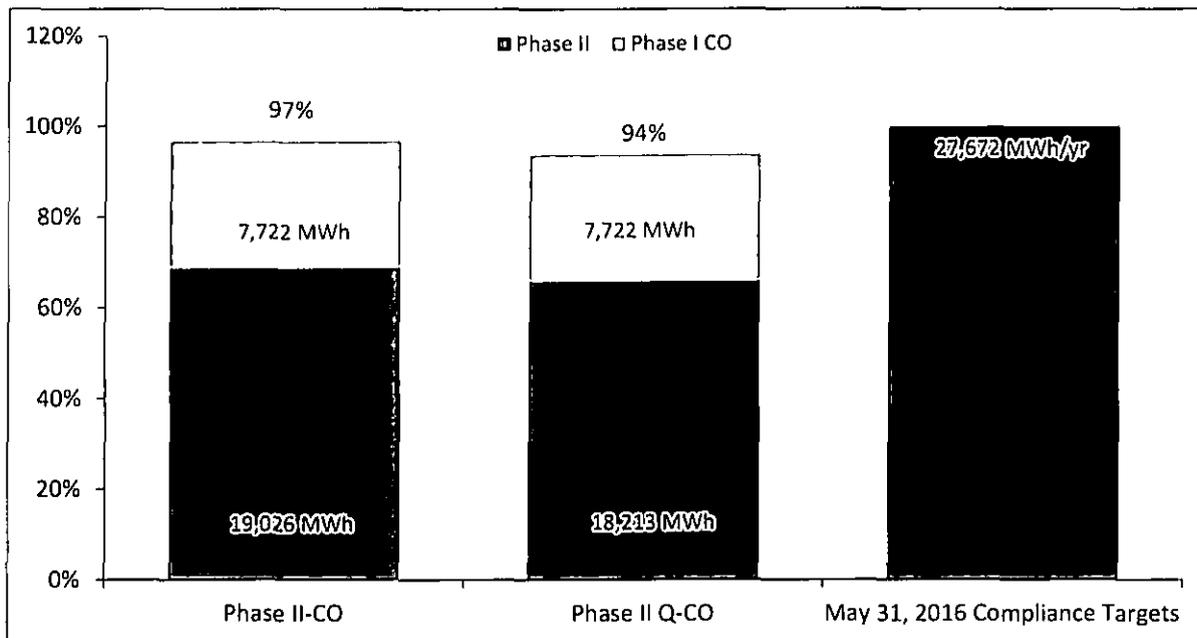
Duquesne Light achieved 97 percent of the May 31, 2016, energy reduction compliance target for government, nonprofit and institutional sector, based on Phase II reported gross energy savings⁴, and 94

³ Act 129 includes a provision requiring electric distribution companies to offer a number of energy efficiency measures to low-income households that are "proportionate to those households' share of the total energy usage in the service territory." 66 Pa.C.S. §2806.1(b)(i)(G). Per SWE's "Low-income Measures Memo Clarification 10102012", dated October 10, 2012, consumption of low-income households as a percentage of all consumption for Duquesne Light customers is 8.402%.

⁴ Phase II Reported Gross Savings = Phase II Reported Gross Savings from the beginning of Phase II through the end of the current quarter. All savings reported as Phase II reported gross savings are computed this way.

percent of the target based on Phase II-Q-CO⁵ gross energy savings achieved through Quarter 2, as shown in Figure 1-3.

Figure 1-3: Government, Nonprofit, and Institutional Sectors⁶



1.2 Program Updates and Findings

The energy efficiency programs which participants took part in during PY7Q2 have not changed substantially from those offered in PY7Q1. Near the end of PY7Q2, JACO, the Residential Appliance Recycling Program (RARP) Conservation Service Provider (CSP) ceased operations unexpectedly. As a result, RARP is temporarily not being offered, while Duquesne Light investigates alternatives.

1.3 Evaluation Updates and Findings

During this quarter, evaluation activity primarily involved completing analyses needed for the PY7Q1 quarterly report submitted in October and the PY6 final report submitted in November.

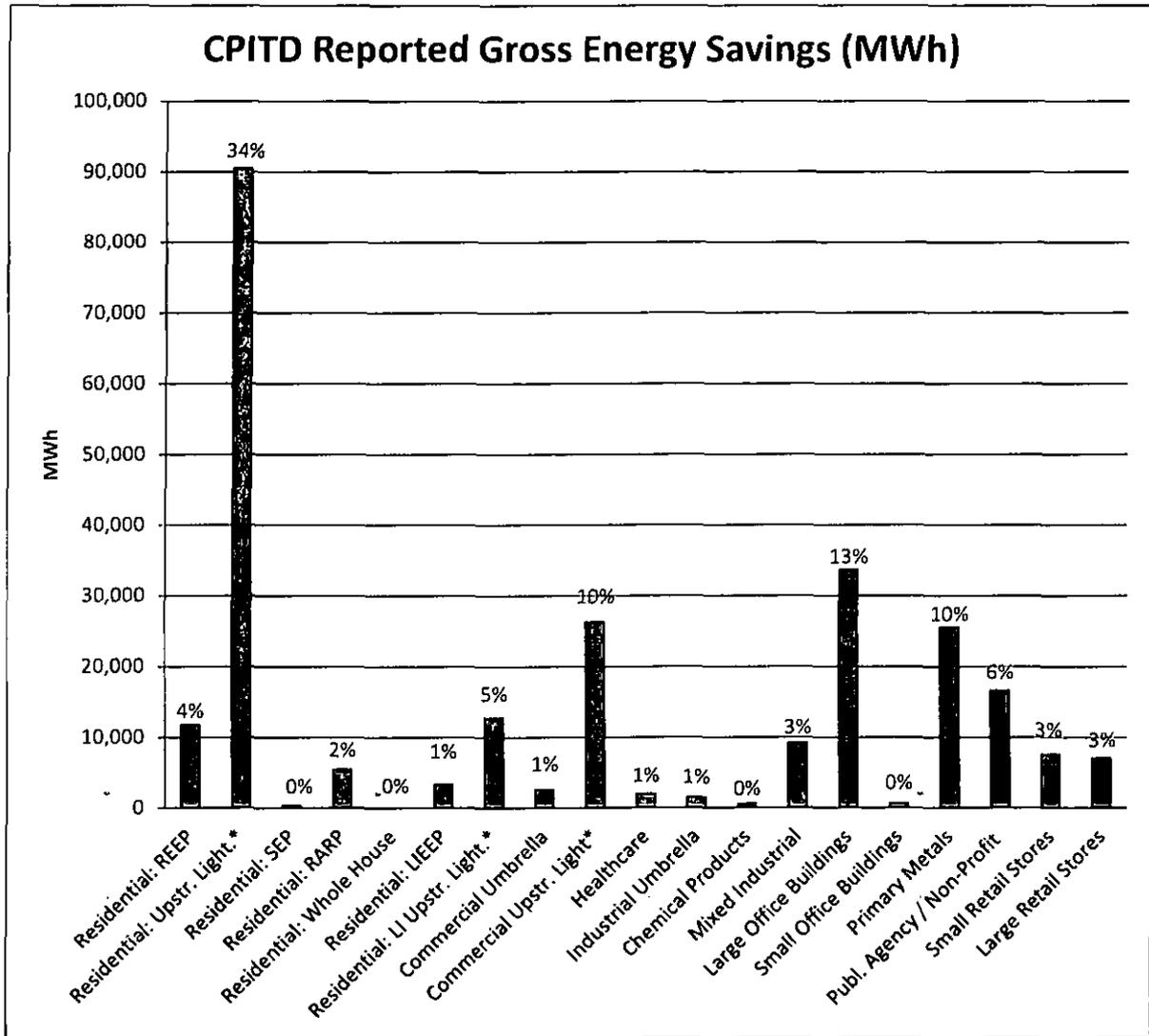
⁵ Phase II-Q-CO Gross Savings = Phase II verified gross savings from the beginning of Phase II including verified Carry Over Savings from Phase I + PYS verified gross savings, PY6 verified gross savings and PYTD reported gross savings.

⁶ GNI savings include savings from Public Agency/Non-profit and Multifamily Housing Retrofit 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: Phase II Reported Gross Energy Savings by Program*



* The allocation of Upstream Lighting CFL savings into Residential and Low-income Upstream Lighting was updated based on evaluation research Navigant conducted in Program Year 6. The research determined that 0% of CFL bulbs were sold to commercial customers and 4.9% of CFLs and 2.3% of LEDs were sold to low income customers.

A summary of energy impacts by program through PY7Q2 is presented in Table 2-1.

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

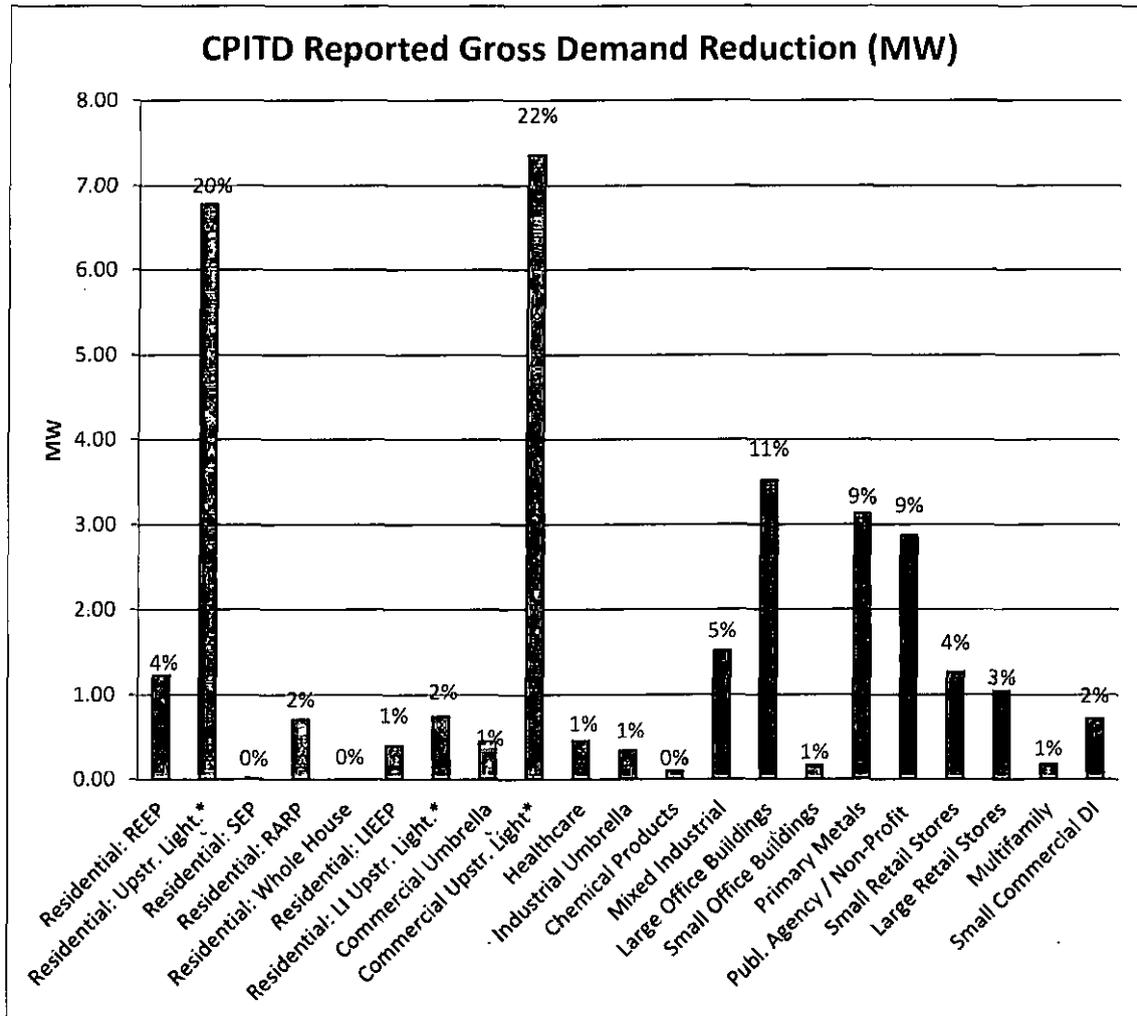
Program	Participants			Reported Gross Impact (MWh)*			
	IQ	PYTD	Phase II	IQ	PYTD	Phase II	Phase II-Q
Residential: EE Program (REEP): Rebate Program	3,391	5,953	38,493	605	955	11,938	8,020
Residential: EE Program (Upstream Lighting)*	N/A	N/A	N/A	13,713	15,498	90,598	91,465
Residential: School Energy Pledge	0	0	1,573	0	0	582	411
Residential: Appliance Recycling	576	1,246	6,206	587	1,269	5,649	5,722
Residential: Whole House	18	31	153	10	16	101	98
Residential: Low Income EE	481	960	8,552	200	446	3,557	3,065
Residential: Low Income EE (Upstream Lighting)*	N/A	N/A	N/A	578	623	12,908	13,096
Commercial Sector Umbrella EE	9	9	45	1,490	1,490	2,816	2,794
Commercial Sector Umbrella EE (Upstream Lighting)*	N/A	N/A	N/A	0	0	26,400	27,079
Healthcare EE	0	0	10	0	0	2,218	2,273
Industrial Sector Umbrella EE	2	2	5	57	57	1,698	1,734
Chemical Products EE	2	2	16	162	162	769	781
Mixed Industrial EE	9	9	61	283	283	9,376	9,492
Office Building – Large – EE	2	2	111	4,241	4,241	33,836	32,630
Office Building – Small EE	0	0	35	0	0	827	838
Primary Metals EE	1	1	26	73	73	25,700	26,197
Public Agency / Non-Profit	13	13	117	3,104	3,104	16,714	15,977
Retail Stores – Small EE	0	1	350	0	49	7,761	7,467
Retail Stores – Large EE	0	0	70	0	0	7,247	6,896
Multifamily Housing Retrofit	16	16	55	141	141	2,313	2,236
Small Commercial Direct Install	0	0	88	0	0	5,429	5,195
TOTAL PORTFOLIO	4,520	8,245	55,966	25,243	28,408	268,437	263,468

* The allocation of Upstream Lighting CFL savings into Residential and Low-income Upstream Lighting was updated based on evaluation research Navigant conducted in Program Year 6. The research determined that 0% of CFL bulbs were sold to commercial customers and 4.9% of CFLs and 2.3% of LEDs were sold to low-income customers.

3 Summary of Demand Impacts by Program

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

Figure 3-1: Phase II Demand Reduction by Program*



* The allocation of Upstream Lighting CFL savings into Residential and Low-income Upstream Lighting was updated based on evaluation research Navigant conducted in Program Year 6. The research determined that 0% of CFL bulbs were sold to commercial customers and 4.9% of CFLs and 2.3% of LEDs were sold to low income customers.

A summary of total demand reduction impacts by program through PY7Q2 is presented in Table 3-1.

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

Program	Participants			Reported Gross Impact (MW)*			
	IQ	PYTD	Phase II	IQ	PYTD	Phase II	Phase II-Q
Residential: EE Program (REEP): Rebate Program	3,391	5,953	38,493	0.112	0.225	1.246	0.929
Residential: EE Program (Upstream Lighting)*	N/A	N/A	N/A	1.372	1.551	6.796	7.084
Residential: School Energy Pledge	0	0	1,573	0.000	0.000	0.035	0.025
Residential: Appliance Recycling	576	1,246	6,206	0.071	0.153	0.723	0.727
Residential: Whole House	18	31	153	0.001	0.002	0.010	0.010
Residential: Low Income EE	481	960	8,552	0.022	0.050	0.414	0.385
Residential: Low Income EE (Upstream Lighting)*	N/A	N/A	N/A	0.058	0.062	0.760	0.786
Commercial Sector Umbrella EE	9	9	45	0.201	0.201	0.467	0.546
Commercial Sector Umbrella EE (Upstream Lighting)*	N/A	N/A	N/A	0.000	0.000	7.373	7.591
Healthcare EE	0	0	10	0.000	0.000	0.469	0.486
Industrial Sector Umbrella EE	2	2	5	0.014	0.014	0.353	0.341
Chemical Products EE	2	2	16	0.014	0.014	0.110	0.107
Mixed Industrial EE	9	9	61	0.038	0.038	1.528	1.516
Office Building – Large – EE	2	2	111	0.000	0.000	3.532	4.700
Office Building – Small EE	0	0	35	0.000	0.000	0.181	0.203
Primary Metals EE	1	1	26	0.009	0.009	3.140	3.051
Public Agency / Non-Profit	13	13	117	0.222	0.222	2.884	3.115
Retail Stores – Small EE	0	1	350	0.000	0.007	1.279	1.708
Retail Stores – Large EE	0	0	70	0.000	0.000	1.063	1.546
Multifamily Housing Retrofit	16	16	55	0.000	0.000	0.196	0.160
Small Commercial Direct Install	0	0	88	0.000	0.000	0.731	0.717
TOTAL PORTFOLIO	4,520	8,245	55,966	2.133	2.548	33.290	35.733

* The allocation of Upstream Lighting CFL savings into Residential and Low-income Upstream Lighting was updated based on evaluation research Navigant conducted in Program Year 6. The research determined that 0% of CFL bulbs were sold to commercial customers and 4.9% of CFLs and 2.3% of LEDs were sold to low income customers.

4 Summary of Finances

4.1 Portfolio Level Expenditures

Table 4-1: Summary of Portfolio Finances – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$1,938	\$2,740	\$15,600
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	1,938	2,740	15,600
Design & Development	0	0	239
Administration, Management and Technical Assistance ^[1]	2,131	4,888	24,467
Marketing	0	7	979
Subtotal EDC Implementation Costs	2,131	4,895	25,685
EDC Evaluation Costs	238	511	1,899
SWE Audit Costs	0	225	1,900
Total EDC Costs^[2]	4,307	8,371	45,084
Participant Costs^[3]			
Total TRC Costs^[4]			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-2: Summary of Program Finances – Residential Energy Efficiency – November 30, 2015*

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$917	\$1,080	\$4,885
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	917	1,080	4,885
Design & Development	0	0	52
Administration, Management and Technical Assistance ^[1]	301	1,003	6,940
Marketing	0	2	967
Subtotal EDC Implementation Costs	301	1,005	7,959
EDC Evaluation Costs	48	104	395
SWE Audit Costs	0	46	399
Total EDC Costs^[2]	1,266	2,235	13,638
Participant Costs ^[3]			
Total TRC Costs^[4]			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.			
Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

* All Upstream Lighting program costs for PY7 are currently shown in the Summary of Program Finances table for REEP. The final report for PY7 will disaggregate these costs to REEP and LIEEP, as appropriate.

Table 4-3: Summary of Program Finances – Schools Energy Pledge – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II: (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	0	0	0
Design & Development	0	0	6
Administration, Management and Technical Assistance ^[1]	27	52	378
Marketing	0	0	0
Subtotal EDC Implementation Costs	27	52	384
EDC Evaluation Costs	6	13	50
SWE Audit Costs	0	6	48
Total EDC Costs^[2]	33	71	482
Participant Costs ^[3]			
Total TRC Costs^[4]			
NOTES			
Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.			
Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order – Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-4: Summary of Program Finances – Appliance Recycling Program – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$21	\$45	\$230
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	21	45	230
Design & Development	0	0	6
Administration, Management and Technical Assistance ^[1]	135	261	1,113
Marketing	0	0	0
Subtotal EDC Implementation Costs	135	261	1,119
EDC Evaluation Costs	6	13	47
SWE Audit Costs	0	6	47
Total EDC Costs^[2]	162	325	1,443
Participant Costs^[3]			
Total TRC Costs^[4]			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order – Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-5: Summary of Program Finances – Residential Home Energy Reporting – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	0	0	0
Design & Development	0	0	0
Administration, Management and Technical Assistance ^[1]	155	208	1,835
Marketing	0	0	0
Subtotal EDC Implementation Costs	155	208	1,835
EDC Evaluation Costs	0	0	0
SWE Audit Costs	0	0	0
Total EDC Costs^[2]	155	208	1,835
Participant Costs ^[3]			
Total TRC Costs^[4]			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-6: Summary of Program Finances – Residential Whole House Audit Retrofit – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	0	0	0
Design & Development	0	0	0
Administration, Management and Technical Assistance ⁽¹⁾	28	262	612
Marketing	0	0	0
Subtotal EDC Implementation Costs	28	262	612
EDC Evaluation Costs	3	6	16
SWE Audit Costs	0	3	10
Total EDC Costs⁽²⁾	31	271	638
Participant Costs ⁽³⁾			
Total TRC Costs⁽⁴⁾			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-7: Summary of Program Finances – Low Income Energy Efficiency – November 30, 2015*

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$4	\$11	\$483
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	4	11	483
Design & Development	0	0	15
Administration, Management and Technical Assistance ⁽¹⁾	92	146	1,104
Marketing	0	5	5
Subtotal EDC Implementation Costs	92	151	1,124
EDC Evaluation Costs	15	32	119
SWE Audit Costs	0	14	119
Total EDC Costs⁽²⁾	111	208	1,845
Participant Costs ⁽³⁾			
Total TRC Costs⁽⁴⁾			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.			
Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

* All Upstream Lighting program costs for PY7 are currently shown in the Summary of Program Finances table for REEP. The final report for PY7 will disaggregate these costs to REEP and LIEEP, as appropriate.

Table 4-8: Summary of Program Finances – Commercial Umbrella – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$235	\$285	\$1,041
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	235	285	1,041
Design & Development	0	0	10
Administration, Management and Technical Assistance ^[1]	54	234	1,069
Marketing	0	0	7
Subtotal EDC Implementation Costs	54	234	1,086
EDC Evaluation Costs	7	16	66
SWE Audit Costs	0	7	68
Total EDC Costs^[2]	296	542	2,261
Participant Costs^[3]			
Total TRC Costs^[4]			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-9: Summary of Program Finances – Healthcare – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$11	\$1,165
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	0	11	1,165
Design & Development	0	0	13
Administration, Management and Technical Assistance ^[1]	24	49	159
Marketing	0	0	0
Subtotal EDC Implementation Costs	24	49	172
EDC Evaluation Costs	13	28	106
SWE Audit Costs	0	13	107
Total EDC Costs^[2]	37	101	1,550
Participant Costs ^[3]			
Total TRC Costs^[4]			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order – Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-10: Summary of Program Finances – Industrial Umbrella – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$11	\$11	\$156
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	11	11	156
Design & Development	0	0	4
Administration, Management and Technical Assistance ⁽¹⁾	13	26	119
Marketing	0	0	0
Subtotal EDC Implementation Costs	13	26	123
EDC Evaluation Costs	4	8	30
SWE Audit Costs	0	4	31
Total EDC Costs⁽²⁾	28	49	340
Participant Costs⁽³⁾			
Total TRC Costs⁽⁴⁾			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-11: Summary of Program Finances – Chemicals – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$8	\$45	\$86
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	8	45	86
Design & Development	0	0	9
Administration, Management and Technical Assistance ^[1]	18	269	649
Marketing	0	0	0
Subtotal EDC Implementation Costs	18	269	658
EDC Evaluation Costs	9	19	70
SWE Audit Costs	0	9	72
Total EDC Costs^[2]	35	342	886
Participant Costs ^[3]			
Total TRC Costs^[4]			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC Incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs.			

Table 4-12: Summary of Program Finances – Mixed Industrial – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$42	\$84	\$470
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	42	84	470
Design & Development	0	0	8
Administration, Management and Technical Assistance ⁽¹⁾	21	90	828
Marketing	0	0	0
Subtotal EDC Implementation Costs	21	90	836
EDC Evaluation Costs	8	17	63
SWE Audit Costs	0	7	64
Total EDC Costs⁽²⁾	71	198	1,433
Participant Costs ⁽³⁾			
Total TRC Costs⁽⁴⁾			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.			
Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-13: Summary of Program Finances – Office Buildings – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$332	\$339	\$2,239
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	332	339	2,239
Design & Development	0	0	36
Administration, Management and Technical Assistance ⁽¹⁾	310	454	1,696
Marketing	0	0	0
Subtotal EDC Implementation Costs	310	454	1,732
EDC Evaluation Costs	24	51	228
SWE Audit Costs	0	23	243
Total EDC Costs⁽²⁾	666	867	4,442
Participant Costs ⁽³⁾			
Total TRC Costs⁽⁴⁾			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only.			
Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-14: Summary of Program Finances – Primary Metals – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$4	\$189	\$1,055
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	4	189	1,055
Design & Development	0	0	24
Administration, Management and Technical Assistance ⁽¹⁾	44	200	2,321
Marketing	0	0	0
Subtotal EDC Implementation Costs	44	200	2,345
EDC Evaluation Costs	24	52	191
SWE Audit Costs	0	23	193
Total EDC Costs⁽²⁾	72	464	3,784
Participant Costs⁽³⁾			
Total TRC Costs⁽⁴⁾			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order – Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-15: Summary of Program Finances – Government (Non-Profit & Education) – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$364	\$467	\$2,755
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	364	467	2,755
Design & Development	0	0	42
Administration, Management and Technical Assistance ⁽¹⁾	84	150	1,228
Marketing	0	0	0
Subtotal EDC Implementation Costs	84	150	1,270
EDC Evaluation Costs	35	75	299
SWE Audit Costs	0	33	307
Total EDC Costs⁽²⁾	483	725	4,631
Participant Costs ⁽³⁾			
Total TRC Costs⁽⁴⁾			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-16: Summary of Program Finances – Retail Stores – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase III (\$000)
EDC Incentives to Participants	\$0	\$172	\$1,038
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	0	172	1,038
Design & Development	0	0	14
Administration, Management and Technical Assistance ⁽¹⁾	31	89	729
Marketing	0	0	0
Subtotal EDC Implementation Costs	31	89	743
EDC Evaluation Costs	14	30	113
SWE Audit Costs	0	14	115
Total EDC Costs⁽²⁾	45	305	2,009
Participant Costs ⁽³⁾			
Total TRC Costs⁽⁴⁾			
NOTES			
Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-17: Summary of Program Finances – Small Commercial Direct Install – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	0	0	0
Design & Development	0	0	0
Administration, Management and Technical Assistance ⁽¹⁾	336	671	2,349
Marketing	0	0	0
Subtotal EDC Implementation Costs	336	671	2,349
EDC Evaluation Costs	14	30	67
SWE Audit Costs	0	13	52
Total EDC Costs⁽²⁾	350	714	2,468
Participant Costs ⁽³⁾			
Total TRC Costs⁽⁴⁾			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

Table 4-18: Summary of Program Finances – Multi-Family Housing Retrofit – November 30, 2015

	Quarter 2 (\$000)	PYTD (\$000)	Phase II (\$000)
EDC Incentives to Participants	\$0	\$0	\$0
EDC Incentives to Trade Allies			
Subtotal EDC Incentive Costs	0	0	0
Design & Development	0	0	0
Administration, Management and Technical Assistance ⁽¹⁾	457	724	1,340
Marketing	0	0	0
Subtotal EDC Implementation Costs	457	724	1,340
EDC Evaluation Costs	7	15	34
SWE Audit Costs	0	7	28
Total EDC Costs⁽²⁾	464	746	1,402
Participant Costs ⁽³⁾			
Total TRC Costs⁽⁴⁾			
NOTES			
<i>Per PUC direction, TRC inputs and calculations are required in the Annual Report only and should comply with the 2013 Total Resource Cost Test Order approved August 30, 2012.</i>			
¹ Includes the administrative CSP (rebate processing), tracking system, general administration and clerical costs, EDC program management, CSP program management, general management oversight major accounts and technical assistance			
² Per the 2013 Total Resource Cost Test Order – Total EDC Costs, here, refer to EDC incurred expenses only. Total EDC Costs = Subtotal EDC Incentive Costs + Subtotal EDC Implementation Costs + EDC Evaluation Costs + SWE Audit Costs.			
³ Per the 2013 Total Resource Cost Test Order –Net participant costs; in PA, the costs of the end-use customer.			
⁴ Total TRC Costs = Total EDC Costs + Participant Costs			

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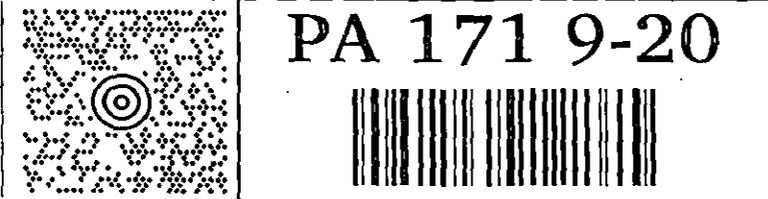
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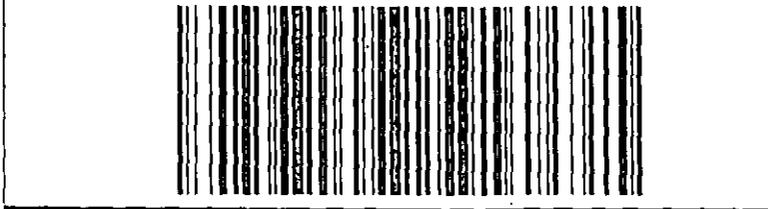
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