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**VIA FEDEX NEXT DAY**

April 23, 2010

James J. McNulty, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street  
Harrisburg, PA 17120

Re: Petition of West Penn Power Company d/b/a Allegheny Power for Approval of its Energy Efficiency and Conservation Plan, Approval of Recovery of Costs through a Reconcilable Adjustment Clause and Approval of Matters Relating to the Energy Efficiency and Conservation Plan; Docket No. M-2009-2093218

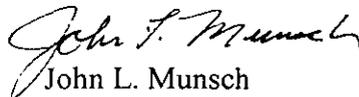
Dear Secretary McNulty:

Enclosed for filing with the Pennsylvania Public Utility Commission, please find four copies of the Plan Year 2009 Third Quarter Report of West Penn Power Company d/b/a Allegheny Power of the Company's Energy Efficiency and Conservation Program for the period December 2009 to February 2010.

The Pennsylvania Statewide Evaluator, GDS Associates, and Wayne Williams, Director, Bureau of CEEP, will receive copies today via email.

This filing is made by express delivery and is deemed filed today pursuant to 52 Pa. Code § 1.11.

Respectfully submitted,

  
John L. Munsch  
Attorney

JLM:sac

Enclosures

**RECEIVED**

**APR 23 2010**

PA PUBLIC UTILITY COMMISSION  
SECRETARY      FAU

# Quarterly Report to the Pennsylvania Public Utility Commission

For the period  
December 2009 to February 2010

For Act 129 of 2008  
Energy Efficiency and Conservation Program



GDS Associates, Inc.  
Engineers and Consultants

 **Nexant**



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APR 23 2010

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

Prepared by: West Penn Power Company d/b/a Allegheny Power  
April 23<sup>rd</sup> 2010

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## 1 Overview of Portfolio

Act 129, signed October 15<sup>th</sup>, 2008, mandated energy savings and demand reduction goals for the largest electric distribution companies (EDC) in Pennsylvania. Pursuant to their goals, energy efficiency and conservation (EE&C) plans were submitted by each EDC and approved by the Pennsylvania Public Utility Commission (PUC). This quarterly report is intended to document the progress and effectiveness of the EE&C plan for West Penn Power.

Highlights through the 3<sup>rd</sup> Quarter, Program Year 1:

- The “Program Year to Date (PYTD)”<sup>1</sup> reported<sup>2</sup> gross energy savings is 0 MWh. The compliance annual energy savings target for May 31<sup>st</sup> 2011 is 209,387 MWh and the compliance annual energy savings target for May 31<sup>st</sup> 2013 is 628,160 MWh.
- The PYTD reported gross demand reduction<sup>3</sup> is 0 MW. The compliance annual demand reduction target for May 31<sup>st</sup> 2013 is 157.3 MW.
- The PYTD reported participation is 0 participants. Although programs began to launch in the Third Quarter, no incentives have been paid. Participation will begin to be reported in the 2009 Plan Year Fourth Quarter.
- The PYTD reported reduction in emissions is 0 tons of CO<sub>2</sub>.<sup>4</sup>

Describe portfolio implementation status, highlights, risks, changes, and other key issues.

- The PA PUC issued a written Order on October 23, 2009 approving 20 programs of the Company’s EE&C and DR Plan. The Order denied two programs, the Distributed Generation Program and the Contracted Demand Response Program, and directed the Company to file an amended plan.
- The Company’s amended EE&C Plan filed on December 21, 2009 proposed a new Customer Resources Demand Response Program to replace the Contracted Demand Response and Distributed Generation programs. The amended Plan was approved in part and denied in part by written Order on March 1, 2010 with direction to provide more transparency into the costs of the proposed Customer Resources Demand Response Program.
- Data and information presented in this report is based on the EE&C and DR Plan filed December 21, 2009.
- West Penn Power Company soft-launched<sup>5</sup> the following programs in the 2009 Plan Year Third Quarter:
  - Residential CFL Rewards Program
  - Residential Energy Star and High Efficiency Appliance Program
  - Residential HVAC Program
  - Low Income Home Performance Check-Up & Appliance Replacement Program
  - Low Income Joint Utility Usage Management Program

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<sup>1</sup> “Program Year to Date” is defined as the timeframe from the start of the Program Year, defined as June 1<sup>st</sup>, to the end of the reporting period.

<sup>2</sup> “Reported” values are unverified, and include projects where (1) the energy conservation measures (ECMs) are installed, (2) the ECMs are commercially operational, and (3) the rebates have been issued.

<sup>3</sup> The term “Demand Reduction” as used henceforth in the quarterly report refers to the “Summer Peak Demand Reduction” as defined in the TRM.

<sup>4</sup> Emissions estimated by assuming 1845.16 lb/MWh of CO<sub>2</sub> for annual non-baseload output emissions in Pennsylvania (EPA eGRID2007, Year 2005, <http://cfpub.epa.gov/egridweb/index.cfm>).

<sup>5</sup> The soft-launch made programs available to customers on the Allegheny Watt Watchers website and to those inquiring, but no active marketing began in Third Quarter.

- Low Income Room Air Conditioner Replacement Program
- Commercial HVAC Efficiency Program
- *Commercial Lighting Efficiency Program*
- Commercial and Industrial Drives Program
- In 2009 Plan Year fourth quarter, the Company will launch:
  - Residential Home Performance Program – Online Energy Audit Measure
  - Custom Technology Applications Program
  - Custom Application Program
  - Government/School/non-Profit Portfolio Program
- In 2010 Plan Year first quarter, the Company will launch:
  - Home Performance Program - Check-up Audit and Comprehensive Audit Measures
  - Rate-based and Demand Response Programs
- The Company had no reported participants in the third quarter as programs launched mid-to-late quarter and no rebate forms or program applications were completed by rebate processor or the Company. Participation, energy savings, and demand reduction will be reported beginning with the Plan Year 2009 Annual Report.
- The Company will increase current EE&C and DR Plan support staffing by approximately 20% and expects to be fully staffed by Plan year 2010 end of first quarter.
- The Company's interim tracking and reporting database is in the final stages of data collection and development with completion expected June 2010.

Describe portfolio M&V Status

- West Penn Power's Measurement and Verification Plan will be forwarded to PA Statewide Evaluator (SWE) and PUC Staff May 2010. The Company anticipates implementing its EM&V Plan in the 2010 Plan Year second quarter.

## 1.1 Summary of Portfolio Impacts

A summary of the total impacts for the portfolio through the 3<sup>rd</sup> Quarter, Program Year 1 is presented in Table 1-1 and Table 1-2.

Table 1-1: Portfolio Reported Impacts through the 3<sup>rd</sup> Quarter, Program Year 1

	Incremental Quarterly Reported Gross Impact <sup>(a)</sup>	PYTD Reported Gross Impact <sup>(b)</sup>	Estimated for Projects In Progress <sup>(c)</sup>	PYTD Total Anticipated <sup>(d)</sup>
Total Energy Savings (MWh)	0	0	0	0
Total Demand Reduction (MW)	0	0	0	0
TRC Benefits (\$) <sup>(e)</sup>	0	0	0	0
TRC Costs (\$) <sup>(f)</sup>	0	0	0	0
TRC Benefit-Cost Ratio <sup>(g)</sup>	0	0	0	0
CO <sub>2</sub> Emissions Reduction (Tons)	0	0	0	0

**NOTES:**

[a] Implementer reported unverified results from projects completed during the reporting quarter only. A project is complete when (1) the energy conservation measure (ECM) has been installed, (2) the ECM is commercially operable, and (3) the rebate check has been issued.

[b] Implementer reported unverified results from projects completed during the Program Year.

[c] Projects in progress (i.e. application submitted but project not complete as defined by note [a]) and under PUC approved protocols.

[d] Total for "PYTD Reported Gross Impact" and "Estimated for Projects in Progress", as defined by notes [a] and [b].

[e] Avoided supply costs, including the reduction in costs of electric energy, generation, transmission, and distribution capacity, and natural gas valued at marginal cost for periods when there is a load reduction. Subject to TRC Order. TRC Benefits reporting requirement is waived for the 3Q1Y quarterly report.

[f] Costs paid by the program administrator and participants plus the increase in supply costs for any period when load is increased. Subject to TRC Order.

[g] Subject to TRC Order. TRC Benefit-Cost Ratio reporting requirement is waived for the 3Q1Y quarterly report.

A summary of total evaluation adjusted impacts for the portfolio is presented in Table 1-2.

**Table 1-2: Portfolio Total Evaluation Adjusted Impacts through the 3<sup>rd</sup> Quarter, Program Year 1**

	PYTD Reported Gross Impact	Interim PYTD Verified Impact <sup>[a]</sup>	Interim PYTD Net Impact <sup>[b]</sup>
Total Energy Savings (MWh)	0	0	0
Total Demand Reduction (MW)	0	0	0
TRC Benefits (\$) <sup>[c]</sup>	0	0	0
TRC Costs (\$) <sup>[d]</sup>	0	0	0
TRC Benefit-Cost Ratio	0	0	0
CO <sub>2</sub> Emissions Reduction (Tons)	0	0	0

**NOTES:**

[a] Adjusted by applying realization rate determined by independent EM&V contractor to the Portfolio PYTD Reported Gross Impact, which is calculated by aggregating Program PYTD Verified Impacts. Program PYTD Verified Impacts are calculated by multiplying Program PYTD Reported Gross Impacts by program realization rates. Interim realization rates for the Program Year and impacts are to be used for quarterly reports, i.e. realization rates are to be calculated with available data. Interim realization rates are used to calculate Interim PYTD Verified Impacts. Interim realization rates are based on realization rate calculations from a portion of the sample anticipated over the entire Program Year.

[b] Adjusted by applying net-to-gross ratio to the Portfolio PYTD Verified Impact, which is calculated by aggregating Program Net Impacts. Program Net Impacts are calculated by multiplying Program PYTD Verified Impacts by program Net-to-Gross ratios. Interim net-to-gross ratios for the Program Year are to be used for quarterly reports, i.e. net-to-gross ratios are to be calculated with available data. Net-to-Gross ratio is 1.0 for Program Year 1.

[c] Avoided supply costs, including the reduction in costs of electric energy, generation, transmission, and distribution capacity, and natural gas valued at marginal cost for periods when there is a load reduction. Subject to TRC Order. TRC Benefits reporting requirement is waived for the 3Q1Y quarterly report.

[d] Costs paid by the program administrator and participants plus the increase in supply costs for any period when load is increased. Subject to TRC Order.

[e] Subject to TRC Order. TRC Benefit-Cost Ratio reporting requirement is waived for the 3Q1Y quarterly report.

## 1.2 Summary of Energy Impacts by Program

A summary of the reported energy savings by program is presented in Figure 1-1. *Data for Figure 1-1 are not available at this time and therefore the Figure is excluded from this Report. Participation, energy savings, and demand reduction will be reported beginning with the Plan Year 2009 Annual Report.*

A summary of energy impacts by program through the 3<sup>rd</sup> Quarter, Program Year 1 is presented in Table 1-3 and Table 1-4.

Table 1-3: Participation and Reported Gross Energy Savings by Program through the 3rd Quarter, Program Year 1.

Program	Incremental Quarterly Participants <sup>(a)</sup>	YTD Participants <sup>(b)</sup>	Incremental Quarterly Reported Gross Impact <sup>(c)</sup> (MWh)	YTD Reported Gross Impact <sup>(d)</sup> (MWh)
Compact Fluorescent Lighting (CFL) Rewards Program	0	0	0	0
Critical Peak Rebate Program	0	0	0	0
Residential Energy Star and High Efficiency Appliance Program	0	0	0	0
Residential Home Performance Program	0	0	0	0
Programmable Controllable Thermostat (PCT) Program	0	0	0	0
Residential HVAC Efficiency Program	0	0	0	0
Residential Efficiency Rewards Rate	0	0	0	0
Pay Ahead Smart Meter Service Rate	0	0	0	0
Residential Low Income Home Performance Check-Up Audit & Appliance Replacement Program	0	0	0	0
Residential Low Income Joint Utility Usage Management Program	0	0	0	0
Residential Low Income Room Air Conditioner Replacement Program	0	0	0	0
Governmental/ Non-Profit Lighting Efficiency Program	0	0	0	0
Commercial HVAC Efficiency Program	0	0	0	0
Commercial Lighting Efficiency Program	0	0	0	0
Customer Resources Demand Response Program	0	0	0	0
Custom Technology/Applications Program	0	0	0	0
Time of Use (TOU) with Critical Peak Pricing Rate	0	0	0	0
Hourly Pricing Option (HPO) Rate	0	0	0	0
Custom Applications Program	0	0	0	0
Customer Load Response Program	0	0	0	0
Commercial and Industrial Drives Program	0	0	0	0
Total	0	0	0	0

NOTES:  
 (a) Number of participants completing projects during the reported quarter.  
 (b) Number of participants completing projects during the program year.  
 (c) Implementer reported unverified results from projects completed during the reporting quarter. A project is complete when (1) the energy conservation measure (ECM) has been installed, (2) the ECM is commercially operable, and (3) the rebate check has been issued.  
 (d) Implementer reported unverified results from projects completed during the Program Year.

Table 1-4: Reported Gross Energy Savings by Program through the 3<sup>rd</sup> Quarter, Program Year 1

Program	Estimated for Projects In Progress <sup>(a)</sup>	PYTD Total Anticipated <sup>(b)</sup>	Program Year Energy Savings Target <sup>(c)</sup> (MWh)	% of Goal Anticipated <sup>(d)</sup>
Compact Fluorescent Lighting (CFL) Rewards Program	0	0	7,002	0
Critical Peak Rebate Program	0	0	0	0
Residential Energy Star and High Efficiency Appliance Program	0	0	3,062	0
Residential Home Performance Program	0	0	1,872	0
Programmable Controllable Thermostat (PCT) Program	0	0	0	0
Residential HVAC Efficiency Program	0	0	163	0
Residential Efficiency Rewards Rate	0	0	0	0
Pay Ahead Smart Meter Service Rate	0	0	0	0
Residential Low Income Home Performance Check-Up Audit & Appliance Replacement Program	0	0	368	0
Residential Low Income Joint Utility Usage Management Program	0	0	589	0
Residential Low Income Room Air Conditioner Replacement Program	0	0	21	0
Governmental/Non-Profit Lighting Efficiency Program	0	0	2,842	0
Commercial HVAC Efficiency Program	0	0	142	0
Commercial Lighting Efficiency Program	0	0	8,166	0
Customer Resources Demand Response Program	0	0	0	0
Custom Technology Applications Program	0	0	0	0
Time of Use (TOU) with Critical Peak Pricing Rate	0	0	0	0
Hourly Pricing Option (HPO) Rate	0	0	0	0
Custom Applications Program	0	0	0	0
Customer Load Response Program	0	0	0	0
Commercial and Industrial Drives Program	0	0	399	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>24,626</b>	<b>0</b>

NOTES:  
 (a) Projects in progress (i.e. application submitted but project not complete as defined above) and under PUC approved protocols.  
 (b) Total for "PYTD Reported Gross Impacts" and "Estimated for Projects In Progress," as defined in above table.  
 (c) Predicted energy savings target for whole Program Year, as filed in EDC EE&C plan.  
 (d) Ratio of PYTD Total Anticipated to 2011 Energy Savings Target.

A summary of evaluation adjusted energy impacts by program is presented in Table 1-5.

Table 1-5: Adjusted Gross Energy Savings by Program through the 3<sup>rd</sup> Quarter, Program Year 1

Program	PYTD Reported Gross Impact	Interim Verified Realization Rate <sup>(a)</sup>	Interim PYTD Verified Impact <sup>(a)</sup> (MWh)	Net-to-Gross Ratio <sup>(b)</sup>	PYTD Net Impact <sup>(b)</sup>
Compact Fluorescent Lighting (CFL) Rewards Program	0	0	0	0	0
Critical Peak Rebate Program	0	0	0	0	0
Residential Energy Star and High Efficiency Appliance Program	0	0	0	0	0
Residential Home Performance Program	0	0	0	0	0
Programmable Controllable Thermostat (PCT) Program	0	0	0	0	0
Residential HVAC Efficiency Program	0	0	0	0	0
Residential Efficiency Rewards Rate	0	0	0	0	0
Pay Ahead Smart Meter Service Rate	0	0	0	0	0
Residential Low Income Home Performance Check-Up Audit & Appliance Replacement Program	0	0	0	0	0
Residential Low Income Joint Utility Usage Management Program	0	0	0	0	0
Residential Low Income Room Air Conditioner Replacement Program	0	0	0	0	0
Governmental/ Non-Profit Lighting Efficiency Program	0	0	0	0	0
Commercial HVAC Efficiency Program	0	0	0	0	0
Commercial Lighting Efficiency Program	0	0	0	0	0
Customer Resources Demand Response Program	0	0	0	0	0
Custom Technology Applications Program	0	0	0	0	0
Time of Use (TOU) with Critical Peak Pricing Rate	0	0	0	0	0
Hourly Pricing Option (HPO) Rate	0	0	0	0	0
Custom Applications Program	0	0	0	0	0
Customer Load Response Program	0	0	0	0	0
Commercial and Industrial Drives Program	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

NOTES:  
 (a) Adjusted by applying realization rate determined by independent EM&V contractor. PYTD Verified Impacts calculated by multiplying PYTD Reported Gross Impacts by EM&V realization rates. Interim realization rates for the Program Year and Impacts are to be used for quarterly reports, i.e. realization rates are to be calculated with available data. Interim realization rates are used to calculate Interim PYTD Verified Impacts. Interim realization rates are based on realization rate calculations from a portion of the sample anticipated over the entire Program Year.  
 (b) Adjusted by applying net-to-gross ratio. PYTD Net Impacts calculated by multiplying PYTD Verified Impacts by net-to-gross ratios. Net-to-Gross ratio is 1.0 for Program Year 1.

### 1.3 Summary of Demand Impacts by Program

A summary of the reported demand reduction by program is presented in Figure 1-2. Data for Figure 1-2 are not available at this time and therefore the Figure is excluded from this Report. Participation, energy savings, and demand reduction will be reported beginning with the Plan Year 2009 Annual Report.

A summary of demand reduction impacts by program through the 3<sup>rd</sup> Quarter, Program Year 1 is presented in Table 1-6 and Table 1-7.

Table 1-6: Participation and Reported Gross Demand Reduction by Program through the 3<sup>rd</sup> Quarter, Program Year 1

Program	Incremental Quarterly Reported Gross Impact (MW)	PTD Participants	Incremental Quarterly Reported Gross Impact (MW)	PTD Reported Gross Impact (MW)
Compact Fluorescent Lighting (CFL) Rewards Program	0	0	0	0
Critical Peak Rebate Program	0	0	0	0
Residential Energy Star and High Efficiency Appliance Program	0	0	0	0
Residential Home Performance Program	0	0	0	0
Programmable Controllable Thermostat (PCT) Program	0	0	0	0
Residential HVAC Efficiency Program	0	0	0	0
Residential Efficiency Rewards Rate	0	0	0	0
Pay Ahead Smart Meter Service Rate	0	0	0	0
Residential Low Income Home Performance Check-Up Audit & Appliance Replacement Program	0	0	0	0
Residential Low Income Joint Utility Usage Management Program	0	0	0	0
Residential Low Income Room Air Conditioner Replacement Program	0	0	0	0
Governmental/ Non-Profit Lighting Efficiency Program	0	0	0	0
Commercial HVAC Efficiency Program	0	0	0	0
Commercial Lighting Efficiency Program	0	0	0	0
Customer Resources Demand Response Program	0	0	0	0
Custom Technology/Applications Program	0	0	0	0
Time of Use (TOU) with Critical Peak Pricing Rate	0	0	0	0
Hourly Pricing Option (HPO) Rate	0	0	0	0
Custom Applications Program	0	0	0	0
Customer Load Response Program	0	0	0	0
Commercial and Industrial Drives Program	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

NOTES:  
 (a) Number of participants completing projects during the reported quarter.  
 (b) Number of participants completing projects during the program year.  
 (c) Implementer reported unverified results from projects completed during the 3<sup>rd</sup> Quarter. A project is complete when (1) the energy conservation measure (ECM) has been installed, (2) the ECM is commercially operable, and (3) the rebate check has been issued.  
 (d) Implementer reported unverified results from projects completed during the Program Year.

Table 1-7: Reported Gross Demand Reduction by Program through the 3<sup>rd</sup> Quarter, Program Year 1

Program	Estimated for Projects In Progress <sup>(a)</sup>	PYTD Total Anticipated <sup>(b)</sup>	Program Year Demand Reduction Target <sup>(c)</sup> (MW)	% of Goal Anticipated <sup>(d)</sup>
Compact Fluorescent Lighting (CFL) Rewards Program	0	0	0.0	0
Critical Peak Rebate Program	0	0	0.0	0
Residential Energy Star and High Efficiency Appliance Program	0	0	1.0	0
Residential Home Performance Program	0	0	0.2	0
Programmable Controllable Thermostat (PCT) Program	0	0	0.0	0
Residential HVAC Efficiency Program	0	0	0.2	0
Residential Efficiency Rewards Rate	0	0	0.0	0
Pay Ahead Smart Meter Service Rate	0	0	0.0	0
Residential Low Income Home Performance Check-Up Audit & Appliance Replacement Program	0	0	0.1	0
Residential Low Income Joint Utility Usage Management Program	0	0	0.1	0
Residential Low Income Room Air Conditioner Replacement Program	0	0	0.0	0
Governmental/ Non-Profit Lighting Efficiency Program	0	0	0.3	0
Commercial HVAC Efficiency Program	0	0	0.1	0
Commercial Lighting Efficiency Program	0	0	1.8	0
Customer Resources Demand Response Program	0	0	0.0	0
Custom Technology/Applications Program	0	0	0.0	0
Time of Use (TOU) with Critical Peak Pricing Rate	0	0	0.0	0
Hourly Pricing Option (HPO) Rate	0	0	0.0	0
Custom Applications Program	0	0	0.0	0
Customer Load Response Program	0	0	0.0	0
Commercial and Industrial Drives Program	0	0	0.1	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>3.8</b>	<b>0</b>

NOTES:  
 (a) Projects in progress (i.e. application submitted but project not complete as defined above) and under PUC approved protocols.  
 (b) Total for "PYTD Reported Gross Impact" and "Estimated for Projects In Progress", as defined in above table.  
 (c) Predicted demand reduction target for whole Program Year, as filed in EDC EE&C plan.  
 (d) Ratio of PYTD Total Anticipated to 2013 Demand Reduction Target.

A summary of evaluation adjusted demand impacts by program is presented in Table 1-8.

Table 1-8: Adjusted Gross Demand Reduction by Program through the 3<sup>rd</sup> Quarter, Program Year 1

Program	PYTD Reported Gross Impact	Interim Verified Realization Rate <sup>(a)</sup>	Interim PYTD Verified Impact <sup>(a)</sup> (MW)	Net-to-Gross Ratio <sup>(b)</sup>	PYTD Net Impact <sup>(b)</sup>
Compact Fluorescent Lighting (CFL) Rewards Program	0	0	0	0	0
Critical Peak Rebate Program	0	0	0	0	0
Residential Energy Star and High Efficiency Appliance Program	0	0	0	0	0
Residential Home Performance Program	0	0	0	0	0
Programmable Controllable Thermostat (PCT) Program	0	0	0	0	0
Residential HVAC Efficiency Program	0	0	0	0	0
Residential Efficiency Rewards Rate	0	0	0	0	0
Pay Ahead Smart Meter Service Rate	0	0	0	0	0
Residential Low Income Home Performance Check-Up Audit & Appliance Replacement Program	0	0	0	0	0
Residential Low Income Joint Utility Usage Management Program	0	0	0	0	0
Residential Low Income Room Air Conditioner Replacement Program	0	0	0	0	0
Governmental/ Non-Profit Lighting Efficiency Program	0	0	0	0	0
Commercial HVAC Efficiency Program	0	0	0	0	0
Commercial Lighting Efficiency Program	0	0	0	0	0
Customer Resources Demand Response Program	0	0	0	0	0
Custom Technology Applications Program	0	0	0	0	0
Time of Use (TOU) with Critical Peak Pricing Rate	0	0	0	0	0
Hourly Pricing Option (HPO) Rate	0	0	0	0	0
Custom Applications Program	0	0	0	0	0
Customer Load Response Program	0	0	0	0	0
Commercial and Industrial Drives Program	0	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

NOTES:  
 (a) Adjusted by applying realization rate determined by independent EM&V contractor. PYTD Verified Impacts calculated by multiplying PYTD Reported Gross Impacts by EM&V realization rates. Interim realization rates for the Program Year and impacts are to be used for quarterly reports, i.e. realization rates are to be calculated with available data. Interim realization rates are used to calculate Interim PYTD Verified Impacts. Interim realization rates are based on realization rate calculations from a portion of the sample anticipated over the entire Program Year.  
 (b) Adjusted by applying net-to-gross ratio. PYTD Net Impacts calculated by multiplying PYTD Verified Impacts by net-to-gross ratios. Net-to-Gross ratio is 1.0 for Program Year 1.

### 1.4 Summary of Evaluation

Realization rates are calculated to adjust reported savings based on statistically significant verified savings measured by independent evaluators. The realization rate is defined as the percentage of reported savings that is achieved, as determined through the independent evaluation review. A realization rate of 1 or 100% indicates no difference between the reported and achieved savings. Realization rates are determined by certain attributes relative to one of three protocol types. Fully deemed TRM measure realization rates are driven by differences in the number of installed measures. Partially deemed TRM measure<sup>6</sup> realization rates are driven by (1) differences in the number of installed measures and (2) differences in the variables. Custom measure realization rates are driven by differences in the energy savings determined by approved protocols. The protocol type determines the data type that is sampled.

The realization rates for each program are presented in Table 1-9. The Company's EM&V Plan is expected to be implemented in Plan Year 2010 second quarter as it is expected there will be enough participation to warrant cost effective measurement and verification at that time. Therefore, no data is available for this table for this Report.

Table 1-9: Summary of Realization Rates and Confidence Intervals (CI) for kWh

Program	PYTD Sample Participants <sup>(a)</sup>	Program Year Sample Participant Target <sup>(b)</sup>	Interim Realization Rate for kWh <sup>(c)</sup>	Confidence and Precision For kWh <sup>(c)</sup>	Interim Realization Rate for kWh <sup>(c)</sup>	Confidence and Precision for kWh <sup>(c)</sup>
Compact Fluorescent Lighting (CFL) Rewards Program						
Critical Peak Rebate Program						
Residential Energy Star and High Efficiency Appliance Program						
Residential Home Performance Program						
Programmable Controllable Thermostat (PCT) Program						
Residential HVAC Efficiency Program						
Residential Efficiency Rewards Rate						
Pay Ahead Smart Meter Service Rate						
Residential Low Income Home Performance Check-Up/Audit & Appliance Replacement Program						
Residential Low Income Joint Utility Usage Management Program						
Residential Low Income Room Air Conditioner Replacement Program						
Governmental/Non-Profit Lighting Efficiency Program						
Commercial HVAC Efficiency Program						
Commercial Lighting Efficiency Program						
Customer Resources Demand Response Program						
Custom Technology Applications Program						
Time of Use (TOU) with Critical Peak Pricing Rate						
Hourly Pricing Option (HPO) Rate						
Custom Applications Program						
Customer Load Response Program						
Commercial and Industrial Drives Program						
Total						

NOTES:  
 (a) Number of participants sampled during program year to date.  
 (b) Target number of participants to sample during whole program year to achieve statistical significance.  
 (c) Confidence interval shown as uncertainty range associated with the realization rate at the confidence level selected for the program in accordance with the sampling and uncertainty protocol of the Act-129 Audit Plan. Interim realization rates for the Program Year and Impacts are to be used for quarterly reports; final realization rates are to be calculated with available data. Interim realization rates are used to calculate Interim PYTD Verified Impacts. Interim realization rates are based on realization rate calculations from a portion of the sample anticipated over the entire Program Year.

<sup>6</sup> TRM measures with stipulated values and variables.

## 1.5 Summary of Finances

The TRC test demonstrates the cost-effectiveness of a program by comparing the total economic benefits to the total costs. A breakdown of the portfolio finances is presented in Table 1-10<sup>7</sup>.

**Table 1-10: Summary of Portfolio Finances: TRC Test**

Summary	Quarter	YTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$506,999	\$2,771,672
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$506,999</b>	<b>\$2,771,672</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$200,000	\$291,879
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$706,999</b>	<b>\$3,063,551</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits</b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		
<sup>1</sup> Allegheny cost category description included in parentheses. <sup>2</sup> SWE Cost included at Portfolio Level only. <sup>3</sup> Costs included are actual cost incurred. <sup>4</sup> Data not available for this report.		

<sup>7</sup> Definitions for terms in following table are subject to TRC Order.

The TRC for each program is presented in Table 1-11. *Data for Table 1-11 are not available at this time.*

Program	TRC Benefits <sup>(a)</sup> (\$)	TRC Costs <sup>(b)</sup> (\$)	TRC Benefit-Cost Ratio <sup>(c)</sup>
Compact Fluorescent Lighting (CFL) Rewards Program			
Critical Peak Rebate Program			
Residential Energy Star and High Efficiency Appliance Program			
Residential Home Performance Program			
Programmable Controllable Thermostat (PCT) Program			
Residential HVAC Efficiency Program			
Residential Efficiency Rewards Rate			
Pay Ahead Smart Meter Service Rate			
Replacement Program			
Residential Low Income Joint Utility Usage Management Program			
Residential Low Income Room Air Conditioner Replacement Program			
Governmental/ Non-Profit Lighting Efficiency Program			
Commercial HVAC Efficiency Program			
Commercial Lighting Efficiency Program			
Customer Resources Demand Response Program			
Custom Technology Applications Program			
Time of Use (TOU) with Critical Peak Pricing Rate			
Hourly Pricing Option (HPO) Rate			
Custom Applications Program			
Customer Load Response Program			
Commercial and Industrial Drives Program			
Total for Plan			
<b>NOTES:</b>			
[a] Avoided supply costs, including the reduction in costs of electric energy, generation, transmission, and distribution capacity, and natural gas valued at marginal cost for periods when there is a load reduction. Subject to TRC Order. TRC Benefits are not required to be reported for the 3Q1Y quarterly report.			
[b] Costs paid by the program administrator and participants plus the increase in supply costs for any period when load is increased. Subject to TRC Order			
[c] Subject to TRC Order. TRC Benefit-Cost Ratios are not required to be reported for the 3Q1Y quarterly report.			

## 2 Portfolio Results by Sector

The EE&C Implementation Order issued on January 15<sup>th</sup>, 2009 states requirements for specific sectors on page 11. In order to comply with these requirements, each program has been categorized into one of the following sectors:

1. Residential EE (excluding Low-Income)
2. Residential Low-Income EE
3. Small Commercial & Industrial EE
4. Large Commercial & Industrial EE
5. Government & Non-Profit EE

A summary of portfolio gross energy savings and gross demand reduction by sector is presented in Figure 2-1 and Figure 2-2. *Data for Figures 2-1 and 2-2 are not available at this time and therefore the Figures are excluded from this Report. Participation, energy savings, and demand reduction will be reported beginning with the Plan Year 2009 Annual Report.*

### 2.1 Residential EE Sector

The sector target<sup>8</sup> for annual energy savings is 12,100 MWh and the sector target for annual peak demand reduction is 1.4 MW. At the end of the reporting quarter, the total energy savings was 0 MWh and the total peak demand reduction was 0 MW.

A sector summary of results by program is presented in Table 2-1 and Table 2-2.

The Company had no reported participants in the third quarter as programs launched mid-quarter and no rebate forms were completed by rebate processor and there were no contractor invoices processed by the Company. Participation, energy savings, and demand reduction will be reported beginning with the Plan Year 2009 Annual Report.

Table 2-1: Summary of Residential EE Sector 3<sup>rd</sup> Quarter Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Residential EE Sector	Incremental Quarterly Participants	Incremental Quarterly Reported Gross Energy Savings (MWh)	Incremental Quarterly Reported Gross Demand Reduction (MW)
Compact Fluorescent Lighting (CFL) Rewards Program	0	0	0
Critical Peak Rebate Program	0	0	0
Residential Energy Star and High Efficiency Appliance Program	0	0	0
Residential Home Performance Program	0	0	0
Programmable Controllable Thermostat (PCT) Program	0	0	0
Residential HVAC Efficiency Program	0	0	0
Residential Efficiency Rewards Rate	0	0	0
Pay Ahead Smart Meter Service	0	0	0
<b>Total for Residential Programs</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>8</sup> Data from AP filing dated 12/21/2009.

Table 2-2: Summary of Residential EE Sector PYTD Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Residential EE Sector	PYTD Participants	PYTD Reported Gross Energy Savings (MWh)	PYTD Reported Gross Demand Reduction (MW)
Compact Fluorescent Lighting (CFL) Rewards Program	0	0	0
Critical Peak Rebate Program	0	0	0
Residential Energy Star and High Efficiency Appliance Program	0	0	0
Residential Home Performance Program	0	0	0
Programmable/Controllable Thermostat (PCT) Program	0	0	0
Residential HVAC Efficiency Program	0	0	0
Residential Efficiency Rewards Rate	0	0	0
Pay Ahead Smart Meter Service	0	0	0
<b>Total for Residential Programs</b>	0	0	0

A summary of the sector energy savings by program is presented in Figure 2-3. Data for Figure 2-3 are not available at this time and therefore the Figure is excluded from this Report. Participation, energy savings, and demand reduction will be reported beginning with the Plan Year 2009 Annual Report.

A summary of the sector demand reduction by program is presented in Figure 2-4. Data for Figure 2-4 are not available at this time and therefore the Figure is excluded from this Report. Participation, energy savings, and demand reduction will be reported beginning with the Plan Year 2009 Annual Report.

## 2.2 Residential Low-Income EE Sector

The sector target<sup>9</sup> for annual energy savings is 979 MWh and the sector target for annual peak demand reduction is 0.15 MW. At the end of the reporting quarter, the total energy savings was 0 MWh and the total peak demand reduction was 0 MW.

A sector summary of results by program is presented in Table 2-3 and Table 2-4.

The Company had no reported participants in the third quarter as programs launched mid-quarter and no contractor invoices were completed by the Company. Participation, energy savings, and demand reduction will be reported beginning with the Plan Year 2009 Annual Report.

Table 2-3: Summary of Residential Low Income EE Sector 3<sup>rd</sup> Quarter Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Residential Low Income EE Sector	Incremental Quarterly Participants	Incremental Quarterly Reported Gross Energy Savings (MWh)	Incremental Quarterly Reported Gross Demand Reduction (MW)
Residential Low Income Home Performance Check-Up/Audit & Appliance Replacement Program	0	0	0
Residential Low Income Joint Utility Usage Management Program	0	0	0
Residential Low Income Room Air Conditioner Replacement Measure	0	0	0
<b>Total for Low Income Sector</b>	<b>0</b>	<b>0</b>	<b>0</b>

Table 2-4: Summary of Residential Low Income EE Sector PYTD Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Residential Low Income EE Sector	PYTD Participants	PYTD Reported Gross Energy Savings (MWh)	PYTD Reported Gross Demand Reduction (MW)
Residential Low Income Home Performance Check-Up/Audit & Appliance Replacement Program	0	0	0
Residential Low Income Joint Utility Usage Management Program	0	0	0
Residential Low Income Room Air Conditioner Replacement Measure	0	0	0
<b>Total for Low Income Sector</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>9</sup> Data from AP filing dated 12/21/2009.

### 2.3 Small Commercial & Industrial EE Sector

The sector target<sup>10</sup> for annual energy savings is 8,307 MWh and the sector target for annual peak demand reduction is 1.9 MW. At the end of the reporting quarter, the total energy savings was 0 MWh and the total peak demand reduction was 0 MW.

A sector summary of results by program is presented in Table 2-5 and Table 2-6.

The Company had no reported participants in the third quarter as programs began to be launched late-quarter and no program rebate applications were completed by the Company. Participation, energy savings, and demand reduction are expected to be reported beginning with the Plan Year 2009 Annual Report.

Table 2-5: Summary of Small Commercial & Industrial EE Sector 3<sup>rd</sup> Quarter Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Small Commercial & Industrial EE Sector	Incremental Quarterly Participants	Incremental Quarterly Reported Gross Energy Savings (MWh)	Incremental Quarterly Reported Gross Demand Reduction (MW)
Commercial HVAC Efficiency Program	0	0	0
Commercial Lighting Efficiency Program	0	0	0
Commercial Demand Response Program	0	0	0
Custom Technology Applications Program	0	0	0
Time of Use (TOU) with Critical Peak Pricing Rate	0	0	0
Hourly Pricing Option (HPO) Rate	0	0	0
<b>Total for Small C &amp; I</b>	<b>0</b>	<b>0</b>	<b>0</b>

Table 2-6: Summary of Small Commercial & Industrial EE Sector PYTD Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Small Commercial & Industrial EE Sector	PYTD Participants	PYTD Reported Gross Energy Savings (MWh)	PYTD Reported Gross Demand Reduction (MW)
Commercial HVAC Efficiency Program	0	0	0
Commercial Lighting Efficiency Program	0	0	0
Commercial Demand Response Program	0	0	0
Custom Technology Applications Program	0	0	0
Time of Use (TOU) with Critical Peak Pricing Rate	0	0	0
Hourly Pricing Option (HPO) Rate	0	0	0
<b>Total for Small C &amp; I</b>	<b>0</b>	<b>0</b>	<b>0</b>

<sup>10</sup> Data from AP filing dated 12/21/2009.

## 2.4 Large Commercial & Industrial EE Sector

The sector target<sup>11</sup> for annual energy savings is 399 MWh and the sector target for annual peak demand reduction is 0.079 MW. At the end of the reporting quarter, the total energy savings was 0 MWh and the total peak demand reduction was 0 MW.

A sector summary of results by program is presented in Table 2-7 and Table 2-8.

The Company had no reported participants in the third quarter as programs were launched in late third quarter. Participation, energy savings, and demand reduction are expected to be reported beginning with the Plan Year 2010 first quarter.

Table 2-7: Summary of Large Commercial & Industrial Sector 3<sup>rd</sup> Quarter Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Large Commercial & Industrial EE Sector	Incremental Quarterly Participants	Incremental Quarterly Reported Gross Energy Savings (MWh)	Incremental Quarterly Reported Gross Demand Reduction (MW)
Custom Applications Program	0	0	0
Customer Load Response Program	0	0	0
Distributed Generation Program	0	0	0
Commercial and Industrial Drives Program	0	0	0
<b>Total for Large C&amp;I Sector</b>	0	0	0

Table 2-8: Summary of Large Commercial & Industrial EE Sector PYTD Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Large Commercial & Industrial EE Sector	PYTD Participants	PYTD Reported Gross Energy Savings (MWh)	PYTD Reported Gross Demand Reduction (MW)
Custom Applications Program	0	0	0
Customer Load Response Program	0	0	0
Distributed Generation Program	0	0	0
Commercial and Industrial Drives Program	0	0	0
<b>Total for Large C&amp;I Sector</b>	0	0	0

<sup>11</sup> Data from AP filing dated 12/21/2009.

## 2.5 Government & Non-Profit EE Sector

The sector target<sup>12</sup> for annual energy savings is 2,842 MWh and the sector target for annual peak demand reduction is 0.255 MW. At the end of the reporting quarter, the total energy savings was 0 MWh and the total peak demand reduction was 0 MW.

A sector summary of results by program is presented in Table 2-9 and Table 2-10.

The Company had no reported participants in the third quarter as programs were launched in the fourth quarter. Participation, energy savings, and demand reduction are expected to be reported beginning with the Plan Year 2010 First Quarter Report.

Table 2-9: Summary of Gov't and Non-Profit EE Sector 3<sup>rd</sup> Quarter Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Gov't. & Non-Profit EE Sector	Incremental Quarterly Participants	Incremental Quarterly Reported Gross Energy Savings (MWh)	Incremental Quarterly Reported Gross Demand Reduction (MW)
Governmental/ Non-Profit Lighting Efficiency Program	0	0	0

Table 2-10: Summary of Gov't and Non-Profit EE Sector PYTD Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Gov't. & Non-Profit EE Sector	PYTD Participants	PYTD Reported Gross Energy Savings (MWh)	PYTD Reported Gross Demand Reduction (MW)
Governmental/ Non-Profit Portfolio Program	0	0	0

<sup>12</sup> Data from AP filing dated 12/21/2009.

### 3 Demand Response

Demand response programs specifically target the reduction of peak demand through various demand-side management strategies. A summary of demand response by sector is presented in Figure 3-1. *Data for Figure 3-1 are not available at this time and therefore the Figure is excluded from this Report.*

Demand Response programs will launch in Plan Year 2011 and therefore, participation, energy savings, and demand reduction will be reported beginning in Plan Year 2011.

#### 3.1 Residential DR Sector

A sector summary of results by program is presented in Table 3-1 and Table 3-2.

Table 3-1: Summary of Residential DR Sector 3<sup>rd</sup> Quarter Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Residential DR Sector	Incremental Quarterly Participants	Incremental Quarterly Reported Gross Energy Savings <sup>(a)</sup> (MWh)	Incremental Quarterly Reported Gross Demand Reduction <sup>(b)</sup> (MW)
Critical Peak Rebate Program	0	0	0
Programmable Controllable Thermostat (PCT) Program	0	0	0
Time of Use with Critical Peak Pricing Rate	0	0	0
Hourly Pricing Option rate	0	0	0
<b>Total for Residential Programs</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NOTES:</b>			
[a] Energy savings in the top 100 peak hours.			
[b] Demand reduction in MW to be a function of the top 100 peak hours as interpreted by the PA PUC under Act 129.			

Table 3-2: Summary of Residential DR Sector PYTD Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Residential DR Sector	PYTD Participants	PYTD Reported Gross Energy Savings <sup>(a)</sup> (MWh)	PYTD Reported Gross Demand Reduction <sup>(b)</sup> (MW)
Critical Peak Rebate Program	0	0	0
Programmable Controllable Thermostat (PCT) Program	0	0	0
Time of Use with Critical Peak Pricing Rate	0	0	0
Hourly Pricing Option rate	0	0	0
<b>Total for Residential Programs</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NOTES:</b>			
[a] Energy savings in the top 100 peak hours.			
[b] Demand reduction in MW to be a function of the top 100 peak hours as interpreted by the PA PUC under Act 129.			

### 3.2 Residential Low-Income DR Sector

A sector summary of results by program is presented in Table 3-3 and Table 3-4.

Table 3-3: Summary of Residential Low Income DR Sector 3<sup>rd</sup> Quarter Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Residential Low Income DR Sector	Incremental Quarterly Participants	Incremental Quarterly Reported Gross Energy Savings <sup>[a]</sup> (MWh)	Incremental Quarterly Reported Gross Demand Reduction <sup>[b]</sup> (MW)
Critical Peak Rebate Program	Low Income Sector Demand Response Programs will be reported with the Residential Sector Demand Response Programs.		
Programmable (Controllable) Thermostat (PCT) Program			
Time of Use with Critical Peak Pricing Rate			
Hourly Pricing Option rate			
Total for Residential Programs			
<b>NOTES:</b> [a] Energy savings in the top 100 peak hours. [b] Demand reduction in MW to be a function of the top 100 peak hours as interpreted by the PA PUC under Act 129. <sup>1</sup> Low Income Sector are eligible for the same DR programs as Residential Sector under the same terms.			

Table 3-4: Summary of Residential Low Income DR Sector PYTD Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Residential Low Income DR Sector	PYTD Participants	PYTD Reported Gross Energy Savings <sup>[a]</sup> (MWh)	PYTD Reported Gross Demand Reduction <sup>[b]</sup> (MW)
Critical Peak Rebate Program	Low Income Sector Demand Response Programs will be reported with the Residential Sector Demand Response Programs.		
Programmable (Controllable) Thermostat (PCT) Program			
Time of Use with Critical Peak Pricing Rate			
Hourly Pricing Option rate			
Total for Residential Programs			
<b>NOTES:</b> [a] Energy savings in the top 100 peak hours. [b] Demand reduction in MW to be a function of the top 100 peak hours as interpreted by the PA PUC under Act 129. <sup>1</sup> Low Income Sector are eligible for the same DR programs as Residential Sector under the same terms.			

### 3.3 Small Commercial & Industrial DR Sector

A sector summary of results by program is presented in Table 3-5 and Table 3-6.

Table 3-5: Summary of Small Commercial & Industrial DR Sector 3<sup>rd</sup> Quarter Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Small Commercial & Industrial DR Sector	Incremental Quarterly Participants	Incremental Quarterly Reported Gross Energy Savings <sup>(a)</sup> (MWh)	Incremental Quarterly Reported Gross Demand Reduction <sup>(b)</sup> (MW)
Customer Load Response Program	0	0	0
Customer Resources Demand Response Program	0	0	0
Programmable Controllable Thermostat (PCT) Program	0	0	0
Time of Use (TOU) with Critical Peak Pricing Rate	0	0	0
Hourly Pricing Option (HPO) Rate	0	0	0
Critical Peak Rebate Rate	0	0	0
<b>Total for Small C&amp;I</b>	<b>0</b>	<b>0</b>	<b>0</b>

NOTES:  
 (a) Energy savings in the top 100 peak hours.  
 (b) Demand reduction in MW to be a function of the top 100 peak hours as interpreted by the PA PUC under Act 129.

Table 3-6: Summary of Small Commercial & Industrial DR Sector PYTD Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Small Commercial & Industrial DR Sector	PYTD Participants	PYTD Reported Gross Energy Savings <sup>(a)</sup> (MWh)	PYTD Reported Gross Demand Reduction <sup>(b)</sup> (MW)
Customer Load Response Program	0	0	0
Customer Resources Demand Response Program	0	0	0
Programmable Controllable Thermostat (PCT) Program	0	0	0
Time of Use (TOU) with Critical Peak Pricing Rate	0	0	0
Hourly Pricing Option (HPO) Rate	0	0	0
Critical Peak Rebate Rate	0	0	0
<b>Total for Small C&amp;I</b>	<b>0</b>	<b>0</b>	<b>0</b>

NOTES:  
 (a) Energy savings in the top 100 peak hours.  
 (b) Demand reduction in MW to be a function of the top 100 peak hours as interpreted by the PA PUC under Act 129.

### 3.4 Large Commercial & Industrial DR Sector

A sector summary of results by program is presented in Table 3-7 and Table 3-8.

Table 3-7: Summary of Large Commercial & Industrial DR Sector 3<sup>rd</sup> Quarter Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Large Commercial & Industrial DR Sector	Incremental Quarterly Participants	Incremental Quarterly Reported Gross Energy Savings <sup>(a)</sup> (MWh)	Incremental Quarterly Reported Gross Demand Reduction <sup>(b)</sup> (MW)
Customer Load Response Program	0	0	0
Customer Resources Demand Response Program	0	0	0
<b>Total for Large C &amp; I</b>	0	0	0

NOTES:  
 (a) Energy savings in the top 100 peak hours.  
 (b) Demand reduction in MW to be a function of the top 100 peak hours as interpreted by the PA PUC under Act 129.

Table 3-8: Summary of Large Commercial & Industrial DR Sector PYTD Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Large Commercial & Industrial DR Sector	PYTD Participants	PYTD Reported Gross Energy Savings <sup>(a)</sup> (MWh)	PYTD Reported Gross Demand Reduction <sup>(b)</sup> (MW)
Customer Load Response Program	0	0	0
Customer Resources Demand Response Program	0	0	0
<b>Total for Large C &amp; I</b>	0	0	0

NOTES:  
 (a) Energy savings in the top 100 peak hours.  
 (b) Demand reduction in MW to be a function of the top 100 peak hours as interpreted by the PA PUC under Act 129.

### 3.5 Government & Non-Profit DR Sector

A sector summary of results by program is presented in Table 3-9 and Table 3-10.

Table 3-9: Summary of Gov't./Non-Profit DR Sector 3<sup>rd</sup> Quarter Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Gov't. & Non-Profit DR Sector	Incremental Quarterly Participants	Incremental Quarterly Reported Gross Energy Savings <sup>(a)</sup> (MWh)	Incremental Quarterly Reported Gross Demand Reduction <sup>(b)</sup> (MW)
Customer Load Response Program	0	0	0
Customer Resources Demand Response Program	0	0	0
Programmable Controllable Thermostat (PCT) Program	0	0	0
Time of Use (TOU) with Critical Peak Pricing Rate	0	0	0
Hourly Pricing Option (HPO) Rate	0	0	0
Critical Peak Rebate Rate	0	0	0
<b>Total for Gov't. &amp; Non-Profit</b>	<b>0</b>	<b>0</b>	<b>0</b>

NOTES:  
 [a] Energy savings in the top 100 peak hours.  
 [b] Demand reduction in MW to be a function of the top 100 peak hours as interpreted by the PA PUC under Act 129.

Table 3-10: Summary of Gov't. & Non-Profit DR Sector PYTD Results by Program through the 3<sup>rd</sup> Quarter, Year 1

Gov't. & Non-Profit DR Sector	PYTD Participants	PYTD Reported Gross Energy Savings <sup>(a)</sup> (MWh)	PYTD Reported Gross Demand Reduction <sup>(b)</sup> (MW)
Customer Load Response Program	0	0	0
Customer Resources Demand Response Program	0	0	0
Programmable Controllable Thermostat (PCT) Program	0	0	0
Time of Use (TOU) with Critical Peak Pricing Rate	0	0	0
Hourly Pricing Option (HPO) Rate	0	0	0
Critical Peak Rebate Rate	0	0	0
<b>Total for Gov't. &amp; Non-Profit</b>	<b>0</b>	<b>0</b>	<b>0</b>

NOTES:  
 [a] Energy savings in the top 100 peak hours.  
 [b] Demand reduction in MW to be a function of the top 100 peak hours as interpreted by the PA PUC under Act 129.

## **4 Portfolio Results by Program**

### **4.1 Compact Fluorescent Lighting (CFL) Rewards Program**

The CFL Rebate Program encourages customers to purchase CFLs instead of incandescent bulbs. To encourage participation and to overcome cost barriers, this program provides mail-in and retailer point-of-sale rebates and will evaluate manufacturer markdowns in parts of West Penn Power's service territory.

The CFL Rebate Program launched January 18, 2010.

#### **4.1.1 Program Logic**

Program Logic will be provided in Plan Year 2009 Annual Report.

#### **4.1.2 Program M&V Methodology**

Program M&V Methodology to be provided in the Plan Year 2009 Annual Report.

#### **4.1.3 Program Sampling**

Program Sampling to be provided in Plan Year 2009 Annual Report.

#### **4.1.4 Program Partners and Trade Allies**

The Company is in the process of establishing partnerships with manufacturers and major retailers.

#### 4.1.5 Program Finances

A summary of the project finances are presented in Table 4-1<sup>13</sup>.

Table 4-1 CFL	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$37,938	\$207,403
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$37,938</b>	<b>\$207,403</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$37,938</b>	<b>\$207,403</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits<sup>4</sup></b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		
<sup>1</sup> Allegheny cost category description included in parentheses.		
<sup>2</sup> SWE Cost included at Portfolio Level only.		
<sup>3</sup> Costs included are actual cost incurred.		
<sup>4</sup> Data not available for this report.		

<sup>13</sup> Definitions for terms in following table are subject to TRC Order.

## **4.2 Critical Peak Rebate Program**

The Critical Peak Rebate Program (CPR) demand response program encourages customers to lower their demand during peak load hours by offering a rate discount/rebate based on actual demand reduction. The reduction can occur during predefined or notified peak hours. CPR relies on the installation of a smart meter to measure the customer's demand during peak hours. The addition of an in-home/in-facility display improves customer notification and communication of peak periods.

The Critical Peak Rebate Program will launch in Plan Year 2011.

### **4.2.1 Program Logic**

Program Logic will be provided in Plan Year 2010.

### **4.2.2 Program M&V Methodology**

Program M&V Methodology will be determined in Plan Year 2010.

### **4.2.3 Program Sampling**

Program Sampling will be determined in Plan Year 2010.

### **4.2.4 Program Partners and Trade Allies**

Program Partners and Trade Allies are to be determined.

**4.2.5 Program Finances**

A summary of the project finances are presented in Table 4-2<sup>14</sup>.

Table 4-2 Residential/Critical/Peak Rebate	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$0	\$0
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$0</b>	<b>\$0</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$0</b>	<b>\$0</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits</b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio</b>		
<sup>1</sup> Allegheny cost category description included in parentheses.		
<sup>2</sup> SWE Cost included at Portfolio Level only.		
<sup>3</sup> Costs included are actual cost incurred.		
<sup>4</sup> Data not available for this report.		

<sup>14</sup> Definitions for terms in following table are subject to TRC Order.

### **4.3 Residential Energy Star and High Efficiency Appliance Program**

The Energy Star and High Efficiency Appliance Program encourages customers to purchase the most energy-efficient appliances available instead of less energy-efficient appliances. To encourage participation and to overcome cost barriers, this program provides rebates (equal to about 50% of the appliance's incremental cost in most cases) for the purchase of appliances that meet or exceed Energy Star or other energy efficiency ratings.

Mail-in and point-of-sale (where possible) rebates will be offered for clothes washers, clothes dryers, dishwashers, refrigerators (with turn-in), freezers (with turn-in), programmable thermostats, and room air conditioners.

This Program launched January 18, 2010.

#### **4.3.1 Program Logic**

Program Logic will be provided in Plan Year 2009 Annual Report.

#### **4.3.2 Program M&V Methodology**

Program M&V Methodology to be provided in the Plan Year 2009 Annual Report.

#### **4.3.3 Program Sampling**

Program Sampling to be provided in the Plan Year 2009 Annual Report.

#### **4.3.4 Program Partners and Trade Allies**

The Company evaluating partnerships with retailers.

**4.3.5 Program Finances**

A summary of the project finances are presented in Table 4-3<sup>15</sup>.

Table 4-3 Residential Energy Star Appliances	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$37,938	\$207,402
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$37,938</b>	<b>\$207,402</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$37,938</b>	<b>\$207,402</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits</b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		

<sup>1</sup> Allegheny cost category description included in parentheses.  
<sup>2</sup> SWE Cost included at Portfolio Level only.  
<sup>3</sup> Costs included are actual cost incurred.  
<sup>4</sup> Data not available for this report.

<sup>15</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.4 Residential Home Performance Program**

The Residential Home Performance Program provides a holistic approach to educating customers on energy efficiency and conservation, and to improve overall home performance, by providing customers with a choice of three energy audit measures including an On-line Audit, a Check-Up Audit and a Comprehensive Audit. Customers receive a \$50 incentive for the Check-Up Audit and Comprehensive Audit. The customer is eligible to receive an additional incentive for the installation of measures recommended by the audit up to the balance of the audit cost.

The measures directly available through this program for electric heat customers are attic insulation and home sealing via the comprehensive audit and attic insulation via the Check-Up audit. Home sealing is not offered to the Check-Up Audit customer due to the concern of reducing air exchanges in the home to a level which may produce poor air quality from, for example, carbon monoxide, moisture and mold.

The measures directly supported by this program and available to all audit participants are:

- Residential Energy Star and High Efficiency Appliance Program;
- Residential CFL Rewards Program;
- Residential HVAC Efficiency Program

The Online Audit measure launched March 2, 2010.

The Check-up and Comprehensive Audit measures will launch in Plan Year 2010 first quarter.

##### **4.4.1 Program Logic**

Program Logic to be provided in the Plan Year 2009 Annual Report.

##### **4.4.2 Program M&V Methodology**

Program M&V Methodology to be provided in the Plan Year 2009 Annual Report.

##### **4.4.3 Program Sampling**

Program Sampling to be provided in the Plan Year 2009 Annual Report.

##### **4.4.4 Program Partners and Trade Allies**

The Company is negotiating a contract with a vendor to provide administrative services and an auditor network for this program.

#### 4.4.5 Program Finances

A summary of the project finances are presented in Table 4-4<sup>16</sup>.

Table 4-4 Residential Home Performance	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$37,939	\$207,403
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$37,939</b>	<b>\$207,403</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$37,939</b>	<b>\$207,403</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits<sup>4</sup></b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		
<sup>1</sup> Allegheny cost category description included in parentheses. <sup>2</sup> SWE Cost included at Portfolio Level only. <sup>3</sup> Costs included are actual cost incurred. <sup>4</sup> Data not available for this report.		

<sup>16</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.5 Programmable Controllable Thermostat (PCT) Program**

A Programmable Controllable Thermostat coupled with smart metering infrastructure will provide energy consumption and price information to the customer to enable them to control their monthly energy consumption and electric bills. An automated demand response will be accomplished by directly controlling the air conditioning system via the thermostat in the residential home. Participating customers will receive a professionally installed Programmable Controllable Thermostat that will have the following capabilities:

- **Pricing Signals**  
Customer will receive price signals and/or notices of peak-period events from West Penn Power.
- **Programmable Set-Points to Reduce Energy Consumption**  
By using pre-programmed set-points, the customer can conserve energy. According to the U.S. Department of Energy, an Energy Star programmable thermostat compared to a non-programmable thermostat can reduce energy usage by as much as 16%.

The PCT Program will launch in Plan Year 2011.

##### **4.5.1 Program Logic**

Program Logic will be provided in Plan Year 2010.

##### **4.5.2 Program M&V Methodology**

Program M&V Methodology will be provided in Plan Year 2010.

##### **4.5.3 Program Sampling**

Program Sampling will be provided in Plan Year 2010.

##### **4.5.4 Program Partners and Trade Allies**

Program Partners and Trade Allies are to be determined.

#### 4.5.5 Program Finances

A summary of the project finances are presented in Table 4-5<sup>17</sup>.

Table 4-5 Programmable Controllable Thermostat	Quarter	YTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$0	\$0
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$0</b>	<b>\$0</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$0</b>	<b>\$0</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits<sup>4</sup></b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio</b>		
<sup>1</sup> Allegheny cost category description included in parentheses. <sup>2</sup> SWE Cost included at Portfolio Level only. <sup>3</sup> Costs included are actual cost incurred. <sup>4</sup> Data not available for this report.		

<sup>17</sup> Definitions for terms in following table are subject to TRC Order.

## **4.6 Residential HVAC Efficiency Program**

The Residential HVAC Efficiency Program encourages customers to purchase a high efficiency central air conditioner or heat pump (SEER ratings of 14.5 or greater). To encourage participation and to overcome cost barriers, this program provides rebates (equal to about 50% of the appliance's incremental cost in most cases) for the purchase of units that exceed the federal energy efficient standard (SEER ratings of 13). To qualify for these rebates under this program, the work must be completed by a certified contractor and a programmable thermostat must be installed.

This Program launched January 18, 2010.

### **4.6.1 Program Logic**

Program Logic to be provided in the Plan Year 2009 Annual Report.

### **4.6.2 Program M&V Methodology**

Program M&V Methodology to be provided in the Plan Year 2009 Annual Report.

### **4.6.3 Program Sampling**

Program Sampling to be provided in the Plan Year 2009 Annual Report.

### **4.6.4 Program Partners and Trade Allies**

The Company is developing a trade ally network. The network will be used as the primary advertising and deliver channel for this program.

**4.6.5 Program Finances**

A summary of the project finances are presented in Table 4-6<sup>18</sup>.

<b>Table 4-6 Residential HVAC</b>	<b>Quarter</b>	<b>PYTD</b>
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$37,938	\$207,403
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$37,938</b>	<b>\$207,403</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$37,938</b>	<b>\$207,403</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits</b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		

<sup>1</sup> Allegheny cost category description included in parentheses.  
<sup>2</sup> SWE Cost included at Portfolio Level only.  
<sup>3</sup> Costs included are actual cost incurred.  
<sup>4</sup> Data not available for this report.

<sup>18</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.7 Residential Efficiency Rewards Rate**

This rate offering encourages the reduction in energy consumption by providing bill credits to customers based on the amount of reduction in their electricity consumption from historical consumption levels. Coupled with the smart metering infrastructure, customers will have access to energy consumption and price information enabling them to control their monthly energy consumption and electric bills. Studies show that customers become more efficient by virtue of receiving direct feedback regarding their energy usage.

This rate offering will be offered to customers on a voluntary basis. If the customer achieves the energy savings goal they will receive a bill credit based on the amount of their reduction.

This Program will launch Plan Year 2011.

##### **4.7.1 Program Logic**

Program Logic will be determined in Plan Year 2010.

##### **4.7.2 Program M&V Methodology**

Program M&V Methodology will be determined in Plan Year 2010.

##### **4.7.3 Program Sampling**

Program Sampling will be determined in Plan Year 2010.

##### **4.7.4 Program Partners and Trade Allies**

Program Partners and Trade Allies are to be determined.

#### 4.7.5 Program Finances

A summary of the project finances are presented in Table 4-7<sup>19</sup>.

Table 4-7 Residential Efficiency Rewards Rate	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$0	\$0
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$0</b>	<b>\$0</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$0</b>	<b>\$0</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits<sup>4</sup></b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		
<sup>1</sup> Allegheny cost category description included in parentheses. <sup>2</sup> SWE Cost included at Portfolio Level only. <sup>3</sup> Costs included are actual cost incurred. <sup>4</sup> Data not available for this report.		

<sup>19</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.8 Pay Ahead Smart Meter Service**

Participants will repay for electric consumption and will receive a monthly report mailed with their bill depicting their electricity consumption for the month. Each of the participants will also be offered a thermostat/in-home display device that can provide customer messages including energy usage information and pricing.

This Program will launch Plan Year 2011.

##### **4.8.1 Program Logic**

Program Logic will be determined in Plan Year 2010.

##### **4.8.2 Program M&V Methodology**

Program M&V Methodology will be determined in Plan Year 2010.

##### **4.8.3 Program Sampling**

Program Sampling will be determined in Plan Year 2010.

##### **4.8.4 Program Partners and Trade Allies**

Program Partners and Trade Allies are to be determined.

**4.8.5 Program Finances**

A summary of the project finances are presented in Table 4-8<sup>20</sup>.

Table 4-8: Pay Ahead Smart Service Rate	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$0	\$0
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$0</b>	<b>\$0</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$0</b>	<b>\$0</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits<sup>4</sup></b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		
<sup>1</sup> Allegheny cost category description included in parentheses. <sup>2</sup> SWE Cost included at Portfolio Level only. <sup>3</sup> Costs included are actual cost incurred. <sup>4</sup> Data not available for this report.		

<sup>20</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.9 Residential Low Income Home Performance Check-Up Audit & Appliance Replacement Program**

Program consists of a Home Check-Up Audit along with standard installed measures. The auditors will provide and install standard EE&C measures, with the customer's consent. The installed measures are as follows:

- Non Electric Hot Water heating customers – up to 6 CFLs
- Electric Hot Water heating customers – 6 CFLs, up to 3 Faucet Aerators, and 1 Low Flow Shower Head.

Under the Appliance Replacement component, the refrigerator and/or room air conditioner may qualify for replacement.

- Refrigerator – The auditor will determine if the customer's existing refrigerator is eligible for replacement based on the age and operational effectiveness. If eligible, the refrigerator will be replaced with a like-size Energy Star model. In addition, should the customer also have an older, inefficient freezer in use, the customer will be provided the opportunity to replace both the refrigerator and freezer with a larger, more efficient refrigerator, so that the freezer may be removed.
- Room Air Conditioner - The auditor will determine if the customer's existing room air conditioner is eligible for replacement based on the age and operational effectiveness.

The Program launched January 18, 2010.

##### **4.9.1 Program Logic**

Program Logic to be provided in the Plan Year 2009 Annual Report.

##### **4.9.2 Program M&V Methodology**

Program M&V Methodology to be provided in the Plan Year 2009 Annual Report.

##### **4.9.3 Program Sampling**

Program Sampling to be provided in the Plan Year 2009 Annual Report.

##### **4.9.4 Program Partners and Trade Allies**

Lowe's provides replacement and recycling of the Refrigerator and Room Air Conditioner component for this program.

#### 4.9.5 Program Finances

A summary of the project finances are presented in Table 4-9<sup>21</sup>.

Table 4-9: Res Low Income Home Perf. Check-up & Appl. Repl.	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$3,449	\$18,855
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$3,449</b>	<b>\$18,855</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$3,449</b>	<b>\$18,855</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits</b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		
<sup>1</sup> Allegheny cost category description included in parentheses. <sup>2</sup> SWE Cost included at Portfolio Level only. <sup>3</sup> Costs included are actual cost incurred. <sup>4</sup> Data not available for this report.		

<sup>21</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.10 Residential Low Income Joint Utility Usage Management Program**

The program consists of a Home Check-Up Audit with Appliance Replacement and/or LIURP Program measures for gas and electric customers in conjunction with partnering gas utilities.

Under the Appliance Replacement component, the refrigerator and/or room air conditioner may qualify for replacement.

- Refrigerator – The auditor will determine if the customer’s existing refrigerator is eligible for replacement based on the age and operational effectiveness. If eligible, the refrigerator will be replaced with a like-size Energy Star model. In addition, should the customer also have an older, inefficient freezer in use, the customer will be provided the opportunity to replace both the refrigerator and freezer with a larger, more efficient refrigerator, so that the second freezer may be removed.
- Room Air Conditioner - The auditor will determine if the customer’s existing room air conditioner is eligible for replacement based on the age and operational effectiveness.

The Program launched January 18, 2010.

##### **4.10.1 Program Logic**

Program Logic to be provided in the 2009 Plan Year Annual Report.

##### **4.10.2 Program M&V Methodology**

Program M&V Methodology to be provided in the 2009 Plan Year Annual Report.

##### **4.10.3 Program Sampling**

Program Sampling to be provided in the 2009 Plan Year Annual Report.

##### **4.10.4 Program Partners and Trade Allies**

West Penn Power is currently partnering with Columbia Gas Company for the completion of the Home Check-Up Audit and the installation of full program measures. Lowe’s provides replacement and recycling of the Refrigerator and Room Air Conditioner component for this program.

**4.10.5 Program Finances**

A summary of the project finances are presented in Table 4-10<sup>22</sup>.

<b>Table 4-10 Residential Low Income UUMP</b>	<b>Quarter</b>	<b>YTD</b>
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$3,449	\$18,855
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$3,449</b>	<b>\$18,855</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$3,449</b>	<b>\$18,855</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits</b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		

<sup>1</sup> Allegheny cost category description included in parentheses.  
<sup>2</sup> SWE Cost included at Portfolio Level only.  
<sup>3</sup> Costs included are actual cost incurred.  
<sup>4</sup> Data not available for this report.

<sup>22</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.11 Residential Low Income Room Air Conditioner Replacement Measure**

The program consists of Room Air Conditioner replacement for customers who have received LIURP Program measures. Under the Appliance Replacement component, the room air conditioner may qualify for replacement. The auditor will determine if the customer's existing room air conditioner is eligible for replacement based on the age and operational effectiveness.

##### **4.11.1 Program Logic**

Program Logic to be provided in the Plan Year 2009 Annual Report.

##### **4.11.2 Program M&V Methodology**

Program M&V Methodology to be provided in the Plan Year 2009 Annual Report.

##### **4.11.3 Program Sampling**

Program Sampling to be provided in the Plan Year 2009 Annual Report.

##### **4.11.4 Program Partners and Trade Allies**

Lowe's provides replacement and recycling of the Room Air Conditioner component for this program.

#### 4.11.5 Program Finances

A summary of the project finances are presented in Table 4-11<sup>23</sup>.

Table 4-11 Residential Low Income Room/AG Replacement	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$3,449	\$18,855
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$3,449</b>	<b>\$18,855</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$3,449</b>	<b>\$18,855</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits<sup>4</sup></b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		
<sup>1</sup> Allegheny cost category description included in parentheses. <sup>2</sup> SWE Cost included at Portfolio Level only. <sup>3</sup> Costs included are actual cost incurred. <sup>4</sup> Data not available for this report.		

<sup>23</sup> Definitions for terms in following table are subject to TRC Order.

## **4.12 Governmental/School/Non-Profit Portfolio Program**

The program encourages government, school, and non-profit customers in Allegheny Power's Pennsylvania service territory to upgrade to state-of-the-art energy efficient lighting technologies. The program provides increased incentives and equipment to these customer classes, for installing:

- T8 lamps: Conversion from magnetic to electronic ballasts, and reducing the number of lamps per fixture by 1 to 2 fewer lamps or reducing wattage by 67 watts per fixture (increased rebate).
- LED Exit Signs: Replace or retrofit existing incandescent exist signs w/ LED (provided to the customer at no upfront cost).
- LED Traffic Signals: Retrofit LED packs into existing incandescent units
- CFLs: Supply CFLs to this customer class via customer application (Provided to the customer at no upfront cost)

Program will launch in the Plan Year 2009 fourth quarter.

### **4.12.1 Program Logic**

Program Logic to be provided in the *Plan Year 2009 Annual Report*.

### **4.12.2 Program M&V Methodology**

Program M&V Methodology to be provided in the *Plan Year 2009 Annual Report*.

### **4.12.3 Program Sampling**

Program Sampling to be provided in the *Plan Year 2009 Annual Report*.

### **4.12.4 Program Partners and Trade Allies**

Allegheny Power will leverage the Local Development District Associations (LDDA) of Pennsylvania to market this program to this customer sector. These associations have established relationships with this target market. A pilot offering of CFLs and LED Exit Signs utilizing these LDDAs is underway as of 4/12/2010.

#### 4.12.5 Program Finances

A summary of the project finances are presented in Table 4-12<sup>24</sup>.

Table 4-12: Govt./Non-Profit Lighting Efficiency	Quarter	YTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$31,868	\$174,218
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$31,868</b>	<b>\$174,218</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$31,868</b>	<b>\$174,218</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits</b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>	<b>0</b>	<b>0</b>
<sup>1</sup> Allegheny cost category description included in parentheses.		
<sup>2</sup> SWE Cost included at Portfolio Level only.		
<sup>3</sup> Costs included are actual cost incurred.		
<sup>4</sup> Data not available for this report.		

<sup>24</sup> Definitions for terms in following table are subject to TRC Order.

### **4.13 Commercial HVAC Efficiency Program**

The commercial HVAC Efficiency Program encourages small and large commercial, industrial, and governmental/school/non-profit customers in to purchase unitary air conditioners and heat pumps that are more energy efficient than the federal energy efficiency standard requires. To encourage participation and to overcome cost barriers, this program provides a rebate for the customer to purchase a more energy-efficient unit.

This Program launched February 8, 2010.

#### **4.13.1 Program Logic**

Program Logic to be provided in the Plan Year 2009 Annual Report.

#### **4.13.2 Program M&V Methodology**

Program M&V Methodology to be provided in the Plan Year 2009 Annual Report.

#### **4.13.3 Program Sampling**

Program Sampling to be provided in the Plan Year 2009 Annual Report.

#### **4.13.4 Program Partners and Trade Allies**

Program Partners and Trade Allies are to be determined.

#### 4.13.5 Program Finances

A summary of the project finances are presented in Table 4-13<sup>25</sup>.

Table 4-13 Commercial HVAC	Quarter	YTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$44,719	\$244,468
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$44,719</b>	<b>\$244,468</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$44,719</b>	<b>\$244,468</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits</b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		
<sup>1</sup> Allegheny cost category description included in parentheses. <sup>2</sup> SWE Cost included at Portfolio Level only. <sup>3</sup> Costs included are actual cost incurred. <sup>4</sup> Data not available for this report.		

<sup>25</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.14 Commercial Lighting Efficiency Program**

The Commercial Lighting Efficiency Program encourages small and large, commercial, and industrial customers to upgrade to state-of-the-art energy efficient lighting technologies. The program provides rebates to for installing:

- T8 lamps: Reducing the number of lamps per fixture by 1 to 2 fewer lamps, and installing high-efficiency electronic ballasts;
- T5 lights: Replace high-intensity discharge high bay style lights;
- Occupancy Sensors (wall-plate style sensors to replace conventional switches); and
- LED Exit Signs: Replacing incandescent exit signs.

The Program launched February 8, 2010.

##### **4.14.1 Program Logic**

*Program Logic to be provided in the Plan Year 2009 Annual Report.*

##### **4.14.2 Program M&V Methodology**

*Program M&V Methodology to be provided in the Plan Year 2009 Annual Report.*

##### **4.14.3 Program Sampling**

*Program Sampling to be provided in the Plan Year 2009 Annual Report.*

##### **4.14.4 Program Partners and Trade Allies**

*Program Partners and Trade Allies are to be determined.*

**4.14.5 Program Finances**

A summary of the project finances are presented in Table 4-14<sup>26</sup>.

Table 4-14 Commercial Lighting	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$44,719	\$244,468
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$44,719</b>	<b>\$244,468</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs</b>	<b>\$44,719</b>	<b>\$244,468</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits</b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio</b>		
<sup>1</sup> Allegheny cost category description included in parentheses. <sup>2</sup> SWE Cost included at Portfolio Level only. <sup>3</sup> Costs included are actual cost incurred. <sup>4</sup> Data not available for this report.		

<sup>26</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.15 Custom Technology Applications Program**

This program is targeted to improve the efficiency of customer operations through the application of custom measures that will result in energy usage reduction and improved operating efficiency.

The program encourages energy and demand reductions in small and large commercial and industrial, and governmental/non-profit customers. The program will focus on improving the energy efficiency for specific processes and applications, such as: lighting systems, compressed air, chillers, refrigeration, variable speed drives, motors, energy management systems, fan and pump systems, renewable energy, LED, and combined heat-power systems, for which there are no current prescriptive measures offered.

The Custom Technology Applications Program is focused on reducing energy use and demand in the small and large, commercial and industrial and governmental/non-profit customers with usage of 1 million to 2.5 million kWh / year. Customers are eligible for up to 25% of the capital investment, and up to \$100,000 of the project cost to obtain the energy and demand savings.

The Program is capped the annual program incentive budget at \$1 million. Projects will be awarded based on kWh savings.

The Program launched March 12, 2010.

##### **4.15.1 Program Logic**

Program Logic to be provided in the Plan Year 2009 Annual Report.

##### **4.15.2 Program M&V Methodology**

Program M&V Methodology to be provided in the 2009 Plan Year Annual Report.

##### **4.15.3 Program Sampling**

Program Sampling to be provided in the Plan Year 2009 Annual Report.

##### **4.15.4 Program Partners and Trade Allies**

Program Partners and Trade Allies are to be determined.

**4.15.5 Program Finances**

A summary of the project finances are presented in Table 4-15<sup>27</sup>.

Table 4-15 Custom Technology/Applications	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$44,719	\$244,468
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$44,719</b>	<b>\$244,468</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$44,719</b>	<b>\$244,468</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits<sup>4</sup></b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		
<sup>1</sup> Allegheny cost category description included in parentheses.		
<sup>2</sup> SWE Cost included at Portfolio Level only.		
<sup>3</sup> Costs included are actual cost incurred.		
<sup>4</sup> Data not available for this report.		

<sup>27</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.16 Time of Use (TOU) with Critical Peak Pricing Rate**

TOU rates reflect the cost of serving customers during different time periods, but do not change as frequently as hourly. TOU encourages residential and commercial, industrial, government, school, and non-profit customers under 500 kW to lower their demand and energy consumption during on-peak periods by charging a higher price that reflects the higher cost of serving customers, and charging lower prices during off-peak periods that reflects the lower cost of serving customers. TOU also includes critical peak pricing that is designed to address the short-term need to reduce demand at the time of the system peak by charging prices significantly higher than on-peak periods. Critical peak pricing periods will vary in frequency and duration using predefined or notified peak hours, but will balance the need to keep the period as short as possible to effectively allow customers to reduce demand or shift usage to lower cost periods. TOU is voluntary and is only available to customers that are receiving utility-provided default service. TOU relies on a smart meter to measure the customer's demand and energy usage during the various TOU periods and the addition of an in-home/in-facility display improves customer notification/communication regarding peak periods.

This Program will launch Plan Year 2011.

##### **4.16.1 Program Logic**

Program Logic will be determined in Plan Year 2010.

##### **4.16.2 Program M&V Methodology**

Program M&V Methodology will be determined in Plan Year 2010.

##### **4.16.3 Program Sampling**

Program Sampling will be determined in Plan Year 2010.

##### **4.16.4 Program Partners and Trade Allies**

Program Partners and Trade Allies are to be determined.

#### 4.16.5 Program Finances

A summary of the project finances are presented in Table 4-16<sup>28</sup>.

Table 4-16 Time of Use with Critical Peak Pricing	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$0	\$0
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$0</b>	<b>\$0</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$0</b>	<b>\$0</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits<sup>4</sup></b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		
<sup>1</sup> Allegheny cost category description included in parentheses.		
<sup>2</sup> SWE Cost included at Portfolio Level only.		
<sup>3</sup> Costs included are actual cost incurred.		
<sup>4</sup> Data not available for this report.		

<sup>28</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.17 Hourly Pricing Option (HPO) Rate**

The HPO reflects the different cost of energy during each hour and encourages residential and commercial, industrial, government, school, and non-profit customers under 500 kW to lower their demand and energy consumption during high priced periods and/or shift usage to low priced periods. Billing for the HPO is calculated from the PJM hourly market pricing for the AP Zone and includes the price of energy, capacity, ancillary services, alternative energy compliance, and any other Federal Energy Regulatory Commission and/or PJM charges directly related to the HPO, as adjusted for taxes. Participants can receive a daily updated approximation of their monthly bill, to date (since the prior bill), as well as an approximation of their electricity cost for the prior day. The HPO is voluntary and is only available to customers that are receiving utility-provided default service. The HPO relies on the installation of a smart meter to collect the customer's hourly energy consumption and the addition of an in-home/in-facility display improves customer communications regarding their energy consumption and billing.

This Program will launch Plan Year 2011.

##### **4.17.1 Program Logic**

Program Logic will be determined in Plan Year 2010.

##### **4.17.2 Program M&V Methodology**

Program M&V Methodology will be determined in Plan Year 2010.

##### **4.17.3 Program Sampling**

Program Sampling will be determined in Plan Year 2010.

##### **4.17.4 Program Partners and Trade Allies**

Program Partners and Trade Allies are to be determined.

#### 4.17.5 Program Finances

A summary of the project finances are presented in Table 4-17<sup>29</sup>.

Table 4-17 Hourly Pricing Option (HPO)	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$0	\$0
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$0</b>	<b>\$0</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$0</b>	<b>\$0</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits<sup>4</sup></b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		

<sup>1</sup> Allegheny cost category description included in parentheses.  
<sup>2</sup> SWE Cost included at Portfolio Level only.  
<sup>3</sup> Costs included are actual cost incurred.  
<sup>4</sup> Data not available for this report.

<sup>29</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.18 Custom Applications Program**

This program encourages energy and demand reductions for commercial and industrial customers by providing custom rewards for highly specialized processes and applications. The program will focus on improving the energy efficiency for specific processes and applications, such as: lighting systems, compressed air, chillers, refrigeration, variable speed drives, motors, energy management systems, fan and pump systems, combined heat-power systems, and other relevant measures, for which there are no current prescriptive measures offered.

The customer is eligible for up to 50% of the customer's project cost, with a per project cap of \$500,000.

Awards will be based on a review of kWh savings per project's cost.

This Program launched March 12, 2010.

##### **4.18.1 Program Logic**

Program Logic to be provided in the Plan Year 2009 Annual Report.

##### **4.18.2 Program M&V Methodology**

Program M&V Methodology to be provided in the Plan Year 2009 Annual Report.

##### **4.18.3 Program Sampling**

Program Sampling to be provided in the Plan Year 2009 Annual Report.

##### **4.18.4 Program Partners and Trade Allies**

Program Partners and Trade Allies are to be determined.

#### 4.18.5 Program Finances

A summary of the project finances are presented in Table 4-18<sup>30</sup>.

Table 4-18 Custom Applications	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$44,719	\$244,468
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$44,719</b>	<b>\$244,468</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$44,719</b>	<b>\$244,468</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits</b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		
<sup>1</sup> Allegheny cost category description included in parentheses. <sup>2</sup> SWE Cost included at Portfolio Level only. <sup>3</sup> Costs included are actual cost incurred. <sup>4</sup> Data not available for this report.		

<sup>30</sup> Definitions for terms in following table are subject to TRC Order.

**4.19 Customer Load Response Program**

West Penn Power will assist customers by providing load management services by actively educating and providing assistance with the transition to market prices, load shaping, participation in PJM energy and capacity markets, and advanced metering technology. Contracting with customers for load reduction as well as assisting customers with entry into the real time energy markets will help control the demand during peak hours.

This Program will launch Plan Year 2011.

**4.19.1 Program Logic**

Program Logic will be determined in Plan Year 2010.

**4.19.2 Program M&V Methodology**

Program M&V Methodology will be determined in Plan Year 2010.

**4.19.3 Program Sampling**

Program Sampling will be determined in Plan Year 2010.

**4.19.4 Program Partners and Trade Allies**

Program Partners and Trade Allies are to be determined.

#### 4.19.5 Program Finances

A summary of the project finances are presented in Table 4-19<sup>31</sup>.

Table 4-19 Customer Load Response	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$44,719	\$244,468
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$44,719</b>	<b>\$244,468</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$44,719</b>	<b>\$244,468</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits</b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		
<sup>1</sup> Allegheny cost category description included in parentheses.		
<sup>2</sup> SWE Cost included at Portfolio Level only.		
<sup>3</sup> Costs included are actual cost incurred.		
<sup>4</sup> Data not available for this report.		

<sup>31</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.20 Customer Resources Demand Response Program**

The Customer Resources Demand Response Program is focused on reducing kW demand by deploying customer load and generation resources. Under this program, the Company will contract with PJM curtailment service providers for load and generation resources and a distributed generation manager that would operate, maintain, and dispatch a customer's standby generator. The PJM curtailment service providers and distributed generation manager would dispatch the customer resources to meet a portion of the demand reduction requirements during peak load hours. Based on typical operating scenarios, standby generators are typically used less than 500 hours year, with 100 of those hours being used for demand response events, with the remaining hours being used by the customer for planned maintenance and/or unplanned outages.

This Program will launch Plan Year 2011.

##### **4.20.1 Program Logic**

Program Logic will be determined in Plan Year 2010.

##### **4.20.2 Program M&V Methodology**

Program M&V Methodology will be determined in Plan Year 2010.

##### **4.20.3 Program Sampling**

Program Sampling will be determined in Plan Year 2010.

##### **4.20.4 Program Partners and Trade Allies**

Program Partners and Trade Allies are to be determined.

**4.20.5 Program Finances**

A summary of the project finances are presented in Table 4-20<sup>32</sup>.

Table 4-20 Customer Resources Demand Response	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$44,719	\$244,468
Administration (Internal labor, overheads, training)	\$0	\$0
Management (included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$44,719</b>	<b>\$244,468</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$44,719</b>	<b>\$244,468</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits<sup>4</sup></b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio</b>		
<sup>1</sup> Allegheny cost category description included in parentheses. <sup>2</sup> SWE Cost included at Portfolio Level only. <sup>3</sup> Costs included are actual cost incurred. <sup>4</sup> Data not available for this report.		

<sup>32</sup> Definitions for terms in following table are subject to TRC Order.

#### **4.21 Commercial and Industrial Drives Program**

The application of a variable frequency/adjustable speed drive will enhance the performance of the driven equipment using speed control, instead of the existing mechanical means (vane, throttling valves, etc.). These types of variable torque loads offer the best energy savings return with the application of a variable frequency drive. Other benefits realized from the use of variable frequency drives include less maintenance on mechanical parts, and ability to provide much finer speed control of the motor.

This program will be offered to industrial, manufacturing, water treatment, and commercial customers that have motor-driven fan and pump applications that presently utilize mechanical vanes or throttling valves to control fluid flow. According to the EPRI ASD Master User's Guide, the following applications can provide fair to good savings results.

- Adjustable Speed Drive (ASD) Application – Centrifugal Fans, Pumps, Compressors, Blowers
- Load Duty Cycle – Full range of operation from 20 – 100% of rated load
- Motor Size – Above 30 hp
- Annual Operating Hours – Over 2500 hours

The rebate strategy will be to provide 50% of the drive's cost. The rebate will be limited to the retrofit of an existing motor that drives a variable torque load that "fits" into the application criteria described above. New installations of drives for motors and maintenance or replacement of existing failed drive components are not included in the program.

Program launched February 24, 2010.

##### **4.21.1 Program Logic**

Program Logic to be provided in the 2009 Plan Year Annual Report.

##### **4.21.2 Program M&V Methodology**

Program M&V Methodology to be provided in the 2009 Plan Year Annual Report.

##### **4.21.3 Program Sampling**

Program Sampling to be provided in the 2009 Plan Year Annual Report.

##### **4.21.4 Program Partners and Trade Allies**

Program Partners and Trade Allies are to be determined.

#### 4.21.5 Program Finances

A summary of the project finances are presented in Table 4-21<sup>33</sup>.

Table 4-21 (C&I Drives)	Quarter	PYTD
EDC Incentives to Participants	\$0	\$0
EDC Incentives to Trade Allies	\$0	\$0
<b>Subtotal EDC Incentive Costs</b>	<b>\$0</b>	<b>\$0</b>
Design & Development (Start-up Costs)	\$44,719	\$244,468
Administration (Internal labor, overheads, training)	\$0	\$0
Management (Included in Administration above)	\$0	\$0
Marketing (Marketing Plan development & implementation)	\$0	\$0
Technical Assistance (All contracted services)	\$0	\$0
<b>Subtotal EDC Implementation Costs<sup>1</sup></b>	<b>\$44,719</b>	<b>\$244,468</b>
EDC Evaluation Costs	\$0	\$0
SWE Audit Costs <sup>2</sup>	\$0	\$0
Participant Costs	\$0	\$0
<b>Total Costs<sup>3</sup></b>	<b>\$44,719</b>	<b>\$244,468</b>
Annualized Avoided Supply Costs	\$0	\$0
Lifetime Supply Costs	\$0	\$0
<b>Total Lifetime Economic Benefits</b>	<b>\$0</b>	<b>\$0</b>
<b>Portfolio Benefit-to-Cost Ratio<sup>4</sup></b>		
<sup>1</sup> Allegheny cost category description included in parentheses. <sup>2</sup> SWE Cost included at Portfolio Level only. <sup>3</sup> Costs included are actual cost incurred. <sup>4</sup> Data not available for this report.		

<sup>33</sup> Definitions for terms in following table are subject to TRC Order.

Label should be compatible with the FedEx Large Pak?

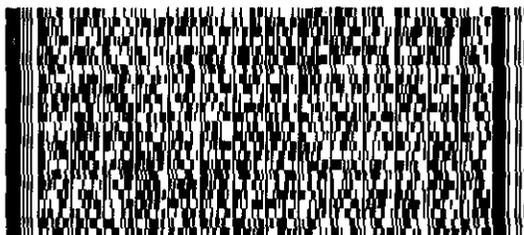
From: Origin ID: CVAA (724) 838-6738  
John Munsch  
Allegheny Power  
800 Cabin Hill Drive

Greensburg, PA 15601



4181010222824

SHIP TO: (724) 838-6738 BILL SENDER  
**James J. McNulty, Secretary**  
**Pennsylvania Public Utility Commiss**  
**400 NORTH ST**  
**COMMONWEALTH KEYSTONE BLDG**  
**HARRISBURG, PA 17120**



FOR UPS SHIPPING ONLY sdn

Ship Date: 23APR10  
ActWgt: 1.5 LB  
CAD: 8924375/NET3010

Delivery Address Bar Code



Ref # 4001-100077-43000818  
Invoice #  
PO #  
Dept #

RT 205 1  
FZ

1102  
04.26

TRK# 7985 9920 1102.  
0201

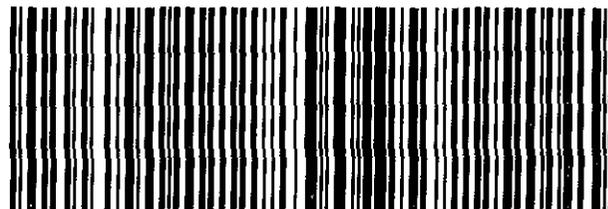
MON - 26 APR A1  
PRIORITY OVERNIGHT

17120

PA-US

MDT

SH MDTA



68610822824

Label should be compatible with the FedEx Large Pak?

TO: MCNULTY, J. PUC (MCNULTY)  
Agency: PUC  
Floor:  
External Carrier: FEDEX



798599201102



more information, typically 1  
edex.com 0.247.4747  
pak is made with non-toxic inks, v

FedEx 154169/1