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February 18, 2011

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

Dear Secretary Chiavetta:

Re: Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company and Pennsylvania Power Company for Expedited Approval of Amendments to the Residential HVAC Program and Governmental & Institutional Components of the C/I Equipment Programs (Docket No. M-2009-2092222, M-2009-2112952 and M-2009-2112956)

Metropolitan Edison Company ("Met-Ed"), Pennsylvania Electric Company ("Penelec") and Pennsylvania Power Company ("Penn Power") hereby submit an original and three (3) copies of the above-referenced Joint Petition for approval on an expedited basis of three changes to the Companies' Energy Efficiency and Conservation ("EE&C") Plans currently in effect ("Current Plans") and approved by this Commission in an earlier phase of this proceeding in an Order dated February 26, 2011. Concurrent with this filing is a separate filing of a Joint Petition ("Main Petition") in which the Companies are requesting approval of all other changes to the Current Plans that are being proposed.

In addition to the enclosed Joint Petition and the instant Transmittal Letter, this filing includes Attachments 1, 2 and 3, which are relevant pages from the Current Plans of Met-Ed, Penelec and Penn Power, respectively, that have been black-lined to reflect the changes being proposed. Testimony in support of the proposed changes herein is being filed with the Main Petition, with relevant portions of said testimony being incorporated herein by reference. A disk of all documents relevant to both this Petition and the Main Petition is being provided with the Main Petition.

If you have any questions, or require additional information, please feel free to contact me.

Respectfully submitted,

Kathy J. Kolich

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cc: All Parties of Record

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Received at 4:28 pm

Kc

**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Joint Petition of Metropolitan Edison Company, Pennsylvania Electric Company and Pennsylvania Power Company for Expedited Approval of Amendments to the Residential HVAC Program and Governmental & Institutional Components of the C/I Equipment Programs :
: **Docket No. M-2009-2092222**
: **M-2009-2112952**
: **M-2009-2112956**
:

**JOINT PETITION OF METROPOLITAN EDISON COMPANY,
PENNSYLVANIA ELECTRIC COMPANY AND
PENNSYLVANIA POWER COMPANY**

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Dated: February 18, 2011

Counsel for:
Metropolitan Edison Company,
Pennsylvania Electric Company and
Pennsylvania Power Company

INTRODUCTION

Pursuant to 52 Pa. Code §§ 5.41 and 5.572, Metropolitan Edison Company (“Met-Ed”), Pennsylvania Electric Company (“Penelec”) and Pennsylvania Power Company (“Penn Power”) (collectively the “Companies”) hereby file this Petition, requesting that the Commission amend its February 26, 2010 Order in which the Companies’ Energy Efficiency and Conservation (“EE&C”) Plans currently in effect (“Current Plans”) were approved.¹ Pursuant to the Commission’s October 28, 2009 Order in this docket², the Companies hereby request expedited review of this Petition because, as discussed below, the need for the program changes described herein is immediate. Therefore, the Companies respectfully ask that the Commission issue an order approving the changes requested in this Petition as soon as practically possible and no later than March 17, 2011.

In support of this Joint Petition, the Companies state as follows:

BACKGROUND

1. In a separate petition (Joint Petition for Amendment of the Orders Approving Energy Efficiency and Conservation Plans and Petition for Approval of First Amended Energy Efficiency and Conservation Plans) being filed concurrent herewith (“Joint Petition - First Amended Plans”), the Companies are seeking approval of various changes to their Current Plans which are presented as amended plans included as Exhibits A, B and C (collectively, “First Amended Plans”) to the Joint Petition – First Amended Plans.

¹ The Companies are also filing contemporaneously herewith a separate petition in which the Companies are seeking approval by May 19, 2011 of all other changes to the Current Plans as approved by the Commission in its February 26, 2010 Order.

² October 28, 2009 Order entered in Docket Nos. 2009-2092222, 2009-2112952 and 2009-2112956 at p. 126.

2. The Companies' Witness, Mr. George L. Fitzpatrick, Managing Director within the Management Consulting division of Black & Veatch Corporation, is testifying in support of all of the proposed changes included in the First Amended Plans, including the changes being proposed in this Joint Petition for approval of: (i) an amendment to increase incentives paid for the Residential HVAC and Heat Pump Maintenance/Tune-ups ("HVAC Tune-Ups"); (ii) an amendment to add an Energy Conservation Kit offering to Governmental & Institutional customers within the Small Commercial and Industrial ("C/I") Equipment Program; and (iii) an amendment to increase incentives paid to Governmental & Institutional customers for various measures within the C/I Equipment Programs. Relevant portions of Mr. Fitzpatrick's testimony (Met-Ed/Penelec/Penn Power Statement No. 1) being submitted in support of the Joint Petition – First Amended Plans are incorporated herein by reference.³
3. The history of this proceeding is set forth in Paragraphs 1 through 12 of the Joint Petition – First Amended Plans, which are incorporated herein by reference.

THE REQUESTED CHANGES

4. The Companies are seeking approval of three changes. The first involves an increase in the incentive amounts to be paid for HVAC Tune-Ups. In the Current Plans, the incentive is \$25 and up to \$40 with a qualified furnace fan replacement. In the First Amended Plans, this incentive is increased to a maximum of \$60 for HVAC Tune-Ups and up to \$75 with a qualified furnace fan replacement.⁴ The Companies believe that the incentive

³ See specifically Section .VI of Mr. Fitzpatrick's testimony for a description of the proposed changes and the need for expedited approval.

⁴ The \$15 incremental increase in the incentive for the furnace fan replacement is not a change from the Current Plan.

- adjustment is necessary to increase participation in HVAC Tune-Ups in Program Years 2, 3 & 4.
5. The second change involves the addition of an Energy Conservation Kit offering to Governmental & Institutional customers within the Small C/I Equipment Program through opt-in distribution. The kit will initially only offer CFL bulbs, partly to test market acceptance while also increasing market penetration for this popular measure, with the intent to include additional measures as market conditions warrant. The Companies believe that the Energy Conservation Kit offering to Governmental & Institutional customers will increase market adoption of low-cost energy savings measures in this customer segment in Program Years 2, 3 & 4 and make them aware of other program opportunities offered by the Companies.
 6. The third change involves an increase in the Government & Institutional incentive levels consistent with those being offered Large and Small C/I customers within both the Large and Small C/I Equipment Programs. The Companies believe that the incentive adjustments are necessary in order to generate or renew interest in these offerings by Governmental & Institutional customers.
 7. Mr. Fitzpatrick addresses each of these changes in his direct testimony contemporaneously being filed in support of the Joint Petition - First Amended Plans, and is incorporated herein by reference.
 8. The changes described herein are also summarized in Section 1.1.1(B) of the First Amended Plans and can generally be found within the First Amended Plans in Met-Ed, Penelec and Penn Power Tables 5, and Section 3 Program Descriptions. The relevant pages of the Current Plans affected by these changes are included as part of this Petition as

Attachments 1 (Met-Ed), 2 (Penelec) and 3 (Penn Power), with all changes to the text being black-lined and changes to relevant tables being highlighted by cell.

9. The change to the HVAC Tune-Ups incentive level will be implemented within the currently approved Residential HVAC and Solar Equipment Program budget. The addition of the Energy Conservation Kit offering and adjustments to the Governmental & Institutional customer incentive levels will be implemented within the currently approved Small and Large C/I Equipment Programs budgets applicable to the Governmental/Non-Profit segment. Thus, the changes described herein do not impact overall rates or other aspects of the Current Plans.

REQUEST FOR AN EXPEDITED RULING

10. The Companies seek expedited approval of the change to the HVAC Tune-Up incentives because the change must be incorporated in time for the start of the HVAC Tune-Up season, which starts in early spring. Therefore, this change must launch by April 1, 2011 in order to maximize results from this measure. If the regulatory process for approval of the First Amended Plans is consistent with past practice to date, the Companies will miss a significant number of opportunities without expedited approval of this change.
11. The Companies seek expedited approval of the aforementioned changes involving the Governmental & Institutional customer segment in an effort to overcome limited participation by this segment thus far in the Companies' EE&C program offerings. These changes must be made no later than April 1, 2011 so as to increase the probabilities of achieving the goal specific to this customer segment as set forth in Act 129.
12. Because the Companies do not anticipate a ruling on the Joint Petition - First Amended Plans prior to April 1, 2011, the Companies request an expedited ruling in which the

Commission separately approves the changes described herein and illustrated on Attachment I as soon as practically possible and no later than March 17, 2011.

13. The Joint Petitioner's attorney in this matter is identified below. All correspondence, notices, documents, orders or other communications with respect to the above-captioned proceedings should be addressed, with a copy (electronic if possible) to Kathy J. Kolich at the address provided below.

CONCLUSION

WHEREFORE, in light of the foregoing, the Companies respectfully ask that the Commission issue an order amending its February 26, 2010 Order as appropriate to approve the changes consistent with this filing, with such Order being issued as soon as practically possible and no later than March 17, 2011.

Respectfully submitted,

Dated: February 18, 2011



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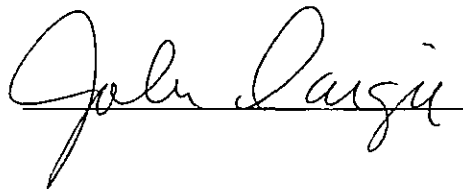
**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Joint Petition of Metropolitan Edison	:	
Company, Pennsylvania Electric Company	:	
and Pennsylvania Power Company for	:	Docket Nos. M-2009-2092222
Expedited Approval of Amendment to the	:	M-2009-2112952
Residential HVAC Program	:	M-2009-2112956

VERIFICATION

I, John Dargie, hereby declare that I am Manager, National Accounts and Energy Efficiency Portfolio Management, FirstEnergy Service Company; that as such I am authorized to make this Verification on behalf of Metropolitan Edison Company, Pennsylvania Electric Company and Pennsylvania Power Company; that the facts set forth in the foregoing documents are true and correct to the best of my knowledge, information and belief; and that I expect that it will be able to be able to proved at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. § 4904, relating to unsworn falsifications to authorities.

Date: February 11, 2011



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**BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Joint Petition of Metropolitan Edison	:	
Company, Pennsylvania Electric Company	:	
and Pennsylvania Power Company for	:	Docket No. M-2009-2092222
Amendment of the Orders Approving	:	M-2009-2112952
Energy Efficiency and Conservation Plans	:	M-2009-2112956
and Petition for Approval of First	:	
Amended Energy Efficiency and	:	
Conservation Plans	:	

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true and correct copy of the foregoing document upon the individuals listed below, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

Service via Personal Delivery, as follows:

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

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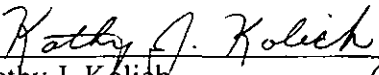
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Dated: February 18, 2011

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PA PUBLIC UTILITY COMMISSION
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Met-Ed Table 5: Met-Ed EE&C Program Rebate Schedule¹²

Energy Efficiency Program	Technology	Rebate or Incentive Amount
Direct Load Control	Direct Load Control - CAC	Up to \$50 per Year
Direct Load Control	Direct Load Control – Pool Pumps	Up to \$75 per Year
Direct Load Control	Direct Load Control – Water Heat	Up to \$75 per Year
Residential Appliance Turn-In Program	Refrigerator/Freezer Recycling	Up to \$50 Payment
Residential Appliance Turn-In Program	Room Air Conditioners	Up to \$50* Payment
Residential Energy Efficient HVAC and Solar Equipment Program	ASHP - SEER 15	\$325** per Unit
Residential Energy Efficient HVAC and Solar Equipment Program	CAC - SEER 15	\$225** per Unit
Residential Energy Efficient HVAC and Solar Equipment Program	CAC/ASHP - Maintenance/Tune-up With Qualified Furnace Fan Replacement	<u>Up to \$60.25 offered for Qualified Service</u> <u>Add \$40.15</u>
Residential Energy Efficient HVAC and Solar Equipment Program	EE Ground Source Heat Pump	\$217 per ton
Residential Energy Efficient Products Program	Solar Water Heating	\$500 per Unit
Residential Energy Efficient Products Program	HP Water Heater	\$300 per Unit
Residential Energy Efficient Products Program	EE Water Heater	\$50 per Unit
Residential Energy Efficient Products Program	Programmable Thermostat, if CAC	\$25* per Unit
Residential Energy Efficient Products Program	CFL bulbs regular 15 watts	\$1 off shelf price through retail store
Residential Energy Efficient Products Program	CFL bulbs regular 19 watts	\$1 off shelf price through retail store

¹² All rebates proposed are initial values; maximum values are subject to change based on program experience or other factors.

Energy Efficiency Program	Technology	Rebate or Incentive Amount
Residential Energy Efficient Products Program	Clothes Washer ENERGY STAR®, if home uses Electric Water heater	\$75* per Unit
Residential Energy Efficient Products Program	Dehumidifiers	\$10 per Unit
Residential Energy Efficient Products Program	Freezers ENERGY STAR® -Chest Freezer	\$25* per Unit
Residential Energy Efficient Products Program	LED Holiday Light Sets	\$20 Max for 6 Boxes \$3.33 per Box
Residential Energy Efficient Products Program	Pump and Motor Single Speed	\$20 per Unit
Residential Energy Efficient Products Program	Refrigerators-Freezers ENERGY STAR® - Side by Side	\$50* per Unit
Residential Energy Efficient Products Program	Refrigerators-Freezers ENERGY STAR® - Top Freezer	\$50* per Unit
Residential Energy Efficient Products Program	Room Air Conditioners	\$25 per Unit
Residential Energy Efficient Products Program	Smart Strip plug outlet	\$10 per Unit
Residential Energy Efficient Products Program	Torchiere Floor Lamps	\$10 per Unit
Residential New Construction	Residential New Construction - 15% better than energy code	Formula Based on Savings estimated at 70% of Incremental Costs*
Residential New Construction	Residential New Construction - 30% better than energy code	Formula Based on Savings estimated at 70% of Incremental Costs*
Multiple Family	T8-Lighting	\$1 a Watt Rebate base on TRM Table
Governmental Programs	<u>Lighting and Lighting Control Upgrades</u> Exterior HID replacement above 250W to 400W HID retrofit	Up to \$0.65 \$0.15 a Watt Rebate base on TRM Table

Energy Efficiency Program	Technology	Rebate or Incentive Amount
Governmental Programs	HPT8 4ft 4 lamp, T12 to HPT8	<u>Up to \$0.45-65 a Watt</u> Rebate base on TRM Table
Governmental Programs	LED Auto Traffic Signals	\$25 Green 8''** \$20 Red 8''**
Governmental Programs	LED Exit Signs Electronic Fixtures (Retrofit Only)	<u>Up to \$15 per Exit Sign</u> <u>\$2 a Fixture</u>
Governmental Programs	LED Pedestrian Signals	\$25 per Unit
Governmental Programs	Occupancy Sensors under 500 W	<u>\$35** Others based on the amount of Controlled Load</u> <u>\$2 a Unit</u>
Governmental Programs	Street Lighting - 175 Mercury to 100 HPS	\$200 Offset 1st cost plus initial O&M
Governmental Programs	Water-Cooled Centrifugal Chiller 150 - 300 ton 0.57 kW/ton with 0.46 kW/ton IPLV	\$50 per Unit
Governmental Programs	Water-Cooled Centrifugal Chiller < 150 ton 0.56 kW/ton with 0.53 kW/ton IPLV	\$50 per Unit
Commercial and Industrial Equipment Program	AC <65,000 1 Ph	\$150 per Unit*
Commercial and Industrial Equipment Program	AC 65,000 - 135,000	\$250 per Unit*
Commercial and Industrial Equipment Program	AC 240,000 - 760,000	\$350 per Unit
Commercial and Industrial Equipment Program - <u>Small C/I Customers</u>	Commercial CFL Program Kits	<u>CFL Kit - Up to \$200 per Kit contents</u> <u>\$1 per Unit</u>
Commercial and Industrial Equipment Program	Clothes Washer CEE Tier I, if Electric Water heater	\$50 per Unit
Commercial and Industrial Equipment Program	Demand-controlled ventilation (DCV)	15% of cost up to \$500
Commercial and Industrial Equipment Program	Efficient Refrigeration Condenser	\$10 per Unit

Program Title and Program years during which program will be implemented	Residential Energy Efficient HVAC Equipment Program
Objective(s)	Providing a rebate to participating customers or local contractors and dealers is expected to increase penetration of high efficiency HVAC systems. To qualify for this program, the equipment must exceed the efficiency standards as published by the Department of Energy under the ENERGY STAR® program.
Target market	The target market for this program is existing households, multifamily and single family, renters and home owners as well as new construction.
Program description	<p>Provides incentives supporting implementation of contractor-installed HVAC, or other eligible systems in existing or new residential buildings. This program involves promoting the sale of high-efficiency, ENERGY STAR® compliant equipment through installation contractors selling to residential customers who are replacing existing home HVAC equipment. The program will replace existing or standard HVAC equipment in residential applications with heating and cooling systems approved by the ENERGY STAR® program of the US EPA/DOE.</p> <p>The program also provides incentives for maintenance (tune-ups) of existing central air conditioners or heat pump equipment, and will offer a \$40-75 incentive toward replacement of furnace fans meeting Energy Star efficiency guidelines.</p>
Implementation strategy (including expected changes that may occur in different program years)	Program services would be delivered to customers by qualified local contractors identified by an implementation vendor or manufacturer of such equipment. Contractors will certify the proper sizing and installation of high efficiency equipment.
Program issues and risks and risk management strategy	Challenges with vendors or manufacturers, cost of energy efficient equipment, changing technology impact lifecycle cost, current economic environment may limit customer's ability to purchase energy efficient equipment and technology, customer choosing to buy less efficient equipment. With respect to risk management, refer to Section 4.1.4 of the EE&C plan. The Company provides further details on "early warning systems" as well as a description of contingency plans.
Anticipated costs to participating customers	The end user would have the shared rebate as a benefit and also will benefit from lower bills.
Ramp up strategy	Qualifying Service Providers for Maintenance Program.

<p>year and cumulative tables that document key assumptions of savings per measure or project</p>																			
<p>Cost-effectiveness – include TRC for each program</p>	<p>See PUC Table 7a</p>																		
<p>Other information deemed appropriate</p>	<p>Additional Residential Efficient Equipment Incentives</p> <table border="1" data-bbox="711 720 1437 1243"> <tr> <td>Central Air Conditioner SEER 14.5 / EER 12</td> <td>\$150</td> </tr> <tr> <td>Central Air Conditioner SEER 15 / EER 12</td> <td>\$225</td> </tr> <tr> <td>Central Air Conditioner SEER 16 / EER 12</td> <td>\$300</td> </tr> <tr> <td>Air-Source Heat Pump SEER 14.5 / HSPF 8.5</td> <td>\$250</td> </tr> <tr> <td>Air-Source Heat Pump SEER 15 / HSPF 8.5</td> <td>\$325</td> </tr> <tr> <td>Air-Source Heat Pump SEER 16 / HSPF 8.5</td> <td>\$400</td> </tr> <tr> <td>Qualified Maintenance / Tune-up</td> <td><u>\$2560</u></td> </tr> <tr> <td>With Qualified Furnace Fan Replacement</td> <td><u>\$4075</u></td> </tr> <tr> <td>Ground Source Heat Pump</td> <td>\$217/ton</td> </tr> </table>	Central Air Conditioner SEER 14.5 / EER 12	\$150	Central Air Conditioner SEER 15 / EER 12	\$225	Central Air Conditioner SEER 16 / EER 12	\$300	Air-Source Heat Pump SEER 14.5 / HSPF 8.5	\$250	Air-Source Heat Pump SEER 15 / HSPF 8.5	\$325	Air-Source Heat Pump SEER 16 / HSPF 8.5	\$400	Qualified Maintenance / Tune-up	<u>\$2560</u>	With Qualified Furnace Fan Replacement	<u>\$4075</u>	Ground Source Heat Pump	\$217/ton
Central Air Conditioner SEER 14.5 / EER 12	\$150																		
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Air-Source Heat Pump SEER 16 / HSPF 8.5	\$400																		
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Ground Source Heat Pump	\$217/ton																		

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

Penelec Table 5: Penelec EE&C Program Rebate Schedule¹¹

Energy Efficiency Program	Technology	Rebate or Incentive Amount
Direct Load Control	Direct Load Control - CAC	Up to \$50 per Year
Direct Load Control	Direct Load Control -- Pool Pumps	Up to \$75 per Year
Direct Load Control	Direct Load Control -- Water Heat	Up to \$75 per Year
Residential Appliance Turn-In Program	Refrigerator/Freezer Recycling	Up to \$50 Payment
Residential Appliance Turn-In Program	Room Air Conditioners	Up to \$50* Payment
Residential Energy Efficient HVAC and Solar Equipment Program	ASHP - SEER 15	\$325** per Unit
Residential Energy Efficient HVAC and Solar Equipment Program	CAC - SEER 15	\$225** per Unit
Residential Energy Efficient HVAC and Solar Equipment Program	CAC/ASHP - Maintenance/Tune-Up With Qualified Furnace Fan Replacement	<u>Up to \$60 \$25 offered for Qualified Service</u> <u>Add \$4015</u>
Residential Energy Efficient HVAC and Solar Equipment Program	EE Ground Source Heat Pump	\$217 per ton
Residential Energy Efficient Products Program	Solar Water Heating	\$500 per Unit
Residential Energy Efficient Products Program	HP Water Heater	\$300 per Unit
Residential Energy Efficient Products Program	EE Water Heater	\$50 per Unit
Residential Energy Efficient Products Program	Programmable Thermostat, if CAC	\$25* per Unit
Residential Energy Efficient Products Program	CFL bulbs regular 15 watts	\$1 off shelf price through retail store
Residential Energy Efficient Products Program	CFL bulbs regular 19 watts	\$1 off shelf price through retail store

¹¹ All rebates proposed are initial values; maximum values are subject to change based on program experience or other factors.

Energy Efficiency Program	Technology	Rebate or Incentive Amount
Residential Energy Efficient Products Program	Clothes Washer ENERGY STAR®, if home uses Electric Water heater	\$75* per Unit
Residential Energy Efficient Products Program	Dehumidifiers	\$10 per Unit
Residential Energy Efficient Products Program	Freezers ENERGY STAR® -Chest Freezer	\$25* per Unit
Residential Energy Efficient Products Program	LED Holiday Light Sets	\$20 Max for 6 Boxes \$3.33 per Box
Residential Energy Efficient Products Program	Pump and Motor Single Speed	\$20 per Unit
Residential Energy Efficient Products Program	Refrigerators-Freezers ENERGY STAR® - Side by Side	\$50* per Unit
Residential Energy Efficient Products Program	Refrigerators-Freezers ENERGY STAR® - Top Freezer	\$50* per Unit
Residential Energy Efficient Products Program	Room Air Conditioners	\$25 per Unit
Residential Energy Efficient Products Program	Smart Strip plug outlet	\$10 per Unit
Residential Energy Efficient Products Program	Torchiere Floor Lamps	\$10 per Unit
Residential New Construction	Residential New Construction - 15% better than energy code	Formula Based on Savings estimated at 70% of Incremental Costs*
Residential New Construction	Residential New Construction - 30% better than energy code	Formula Based on Savings estimated at 70% of Incremental Costs*
Multiple Family	T8-Lighting	\$1 a Watt Rebate base on TRM Table
Governmental Programs	Lighting and Lighting Control Upgrades Exterior HID replacement above 250W to 400W HID retrofit	Up to \$0.45-65 a Watt Rebate base on TRM Table

Energy Efficiency Program	Technology	Rebate or Incentive Amount
Governmental Programs	HPT8 4ft 4 lamp, T12 to HPT8	<u>Up to \$0.15-65 a Watt</u> Rebate base on TRM Table
Governmental Programs	LED Auto Traffic Signals	\$25 Green 8"**, \$20 Red 8"**
Governmental Programs	LED Exit Signs Electronic Fixtures (Retrofit Only)	<u>Up to \$15 per Exit Sign</u> <u>\$2 a Fixture</u>
Governmental Programs	LED Pedestrian Signals	\$25 per Unit
Governmental Programs	Occupancy Sensors under 500 W	<u>\$35** Others based on the amount of Controlled Load</u> <u>\$2 a Unit</u>
Governmental Programs	Street Lighting - 175 Mercury to 100 HPS	\$200 Offset 1st cost plus initial O&M
Governmental Programs	Water-Cooled Centrifugal Chiller 150 - 300 ton 0.57 kW/ton with 0.46 kW/ton IPLV	\$50 per Unit
Governmental Programs	Water-Cooled Centrifugal Chiller < 150 ton 0.56 kW/ton with 0.53 kW/ton IPLV	\$50 per Unit
Commercial and Industrial Equipment Program	AC <65,000 1 Ph	\$150 per Unit*
Commercial and Industrial Equipment Program	AC 65,000 - 135,000	\$250 per Unit*
Commercial and Industrial Equipment Program	AC 240,000 - 760,000	\$350 per Unit
Commercial and Industrial Equipment Program – <u>Small C/I Customers</u>	Commercial CFL Program Kits	<u>CFL Kit – Up to \$200 per Kit contents \$1 per Unit</u>
Commercial and Industrial Equipment Program	Clothes Washer CEE Tier1, if Electric Water heater	\$50 per Unit
Commercial and Industrial Equipment Program	Demand-controlled ventilation (DCV)	15% of cost up to \$500
Commercial and Industrial Equipment Program	Efficient Refrigeration Condenser	\$10 per Unit

Program Title and Program years during which program will be implemented	Residential Energy Efficient HVAC Equipment Program
Objective(s)	Providing a rebate to participating customers or local contractors and dealers is expected to increase penetration of high efficiency HVAC systems. To qualify for this program, the equipment must exceed the efficiency standards as published by the Department of Energy under the ENERGY STAR® program.
Target market	The target market for this program is existing households, multifamily and single family, renters and home owners as well as new construction.
Program description	<p>Provides incentives supporting implementation of contractor-installed HVAC, or other eligible systems in existing or new residential buildings. This program involves promoting the sale of high-efficiency, ENERGY STAR® compliant equipment through installation contractors selling to residential customers who are replacing existing home HVAC equipment. The program will replace existing or standard HVAC equipment in residential applications with heating and cooling systems approved by the ENERGY STAR® program of the US EPA/DOE.</p> <p>The program also provides incentives for maintenance (tune-ups) of existing central air conditioners or heat pump equipment, and will offer a \$40-75 incentive toward replacement of furnace fans meeting Energy Star efficiency guidelines.</p>
Implementation strategy (including expected changes that may occur in different program years)	Program services would be delivered to customers by qualified local contractors identified by an implementation vendor or manufacturer of such equipment. Contractors will certify the proper sizing and installation of high efficiency equipment.
Program issues and risks and risk management strategy	Challenges with vendors or manufacturers, cost of energy efficient equipment, changing technology impact lifecycle cost, current economic environment may limit customer's ability to purchase energy efficient equipment and technology, customer choosing to buy less efficient equipment. With respect to risk management, refer to Section 4.1.4 of the EE&C plan. <i>The Company provides further details on "early warning systems" as well as a description of contingency plans.</i>
Anticipated costs to participating customers	The end user would have the shared rebate as a benefit and also will benefit from lower bills.
Ramp up strategy	Qualifying Service Providers for Maintenance Program.

<p>year and cumulative tables that document key assumptions of savings per measure or project</p>																				
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**Energy Efficiency and Conservation Plan
Overview of Plan**

**PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU**

The following table lists the planned rebates and customer incentives associated with each of the programs above. Incentives to trade allies and other delivery agents are not included here. More detail is provided in the individual program descriptions in Section 3. It should be noted that for some measures, there will be limits as to the number of units that will be rebated to any one customer or through any one program in order to stay within the budgetary assumptions. In addition, all commercial and industrial rebates require pre-approval by the Company to enable process management and verification of existing equipment.

Penn Power Table 5: Penn Power EE&C Program Rebate Schedule¹¹

Energy Efficiency Program	Technology	Rebate or Incentive Amount
Direct Load Control	Direct Load Control - CAC	Up to \$50 per Year
Direct Load Control	Direct Load Control – Pool Pumps	Up to \$75 per Year
Direct Load Control	Direct Load Control – Water Heat	Up to \$75 per Year
Residential Appliance Turn-In Program	Refrigerator/Freezer Recycling	Up to \$50 Payment
Residential Appliance Turn-In Program	Room Air Conditioners	Up to \$50* Payment
Residential Energy Efficient HVAC and Solar Equipment Program	ASHP - SEER 15	\$325** per Unit
Residential Energy Efficient HVAC and Solar Equipment Program	CAC - SEER 15	\$225** per Unit
Residential Energy Efficient HVAC and Solar Equipment Program	CAC/ASHP - Maintenance/Tune-Up With Qualified Furnace Fan Replacement	<u>Up to \$60 \$25-offered for Qualified Service</u> <u>Add \$4015</u>
Residential Energy Efficient HVAC and Solar Equipment Program	EE Ground Source Heat Pump	\$217 per ton
Residential Energy Efficient Products Program	Solar Water Heating	\$500 per Unit
Residential Energy Efficient Products Program	HP Water Heater	\$300 per Unit
Residential Energy Efficient Products Program	EE Water Heater	\$50 per Unit
Residential Energy Efficient Products Program	Programmable Thermostat, if CAC	\$25* per Unit

¹¹ All rebates proposed are initial values; maximum values are subject to change based on program experience or other factors.

Energy Efficiency Program	Technology	Rebate or Incentive Amount
Governmental Programs	<u>Lighting and Lighting Control Upgrades Exterior</u> HID replacement above 250W to 400W HID retrofit	\$0.45-65 a Watt Rebate base on TRM Table
Governmental Programs	HPT8 4ft 4 lamp, T12 to HPT8	\$0.45-65 a Watt Rebate base on TRM Table
Governmental Programs	LED Auto Traffic Signals	\$25 Green 8'***, \$20 Red 8'***
Governmental Programs	LED Exit Signs Electronic Fixtures (Retrofit Only)	Up to \$15 per Exit Sign \$2 a Fixture
Governmental Programs	LED Pedestrian Signals	\$25 per Unit
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Commercial and Industrial Equipment Program	AC 240,000 - 760,000	\$350 per Unit
Commercial and Industrial Equipment Program = <u>Small C/I Customers</u>	Commercial CFL Program <u>Kits</u>	<u>CFL Kit – Up to \$200 per Kit contents \$1 per Unit</u>
Commercial and Industrial Equipment Program	Clothes Washer CEE Tier I, if Electric Water heater	\$50 per Unit

Program Title and Program years during which program will be implemented	Residential Energy Efficient HVAC Equipment Program
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