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January 15, 2026

**VIA ELECTRONIC FILING**

Matthew Homsher, Secretary  
Pennsylvania Public Utility Commission  
400 North Street  
Harrisburg, PA 17120

**RE: Semi-Annual Report to the Pennsylvania Public Utility Commission and Act 129 Statewide Evaluator; Phase IV Program year Period June 1, 2025 to May 31, 2026, for Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company and West Penn Power Company;  
Docket Nos. M-2020-3020820, M-2020-3020821, M-2020-3020822, and M-2020-3020823**

Dear Secretary Homsher:

Enclosed please find the Semi-Annual Report to the Pennsylvania Public Utility Commission in the above-captioned matter for the FirstEnergy Pennsylvania Electric Company's Rate Districts, formally known as Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company, and West Penn Power Company.

Should you have any questions regarding this matter, please do not hesitate to contact me.

Very truly yours,



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Timothy K. McHugh

TKM/mlr

Enclosure

cc: Certificate of Service

# **Semi-Annual Report to the Pennsylvania Public Utility Commission**

**Phase IV of Act 129**

**Program Year 17**

**(June 1, 2025 – May 31, 2026)**

For Pennsylvania Act 129 of 2008

Energy Efficiency and Conservation Plan

Prepared by ADM

and the FirstEnergy Pennsylvania EDCs for:

Metropolitan Edison Company	M-2020-3020820
Pennsylvania Electric Company	M-2020-3020821
Pennsylvania Power Company	M-2020-3020822
West Penn Power Company	M-2020-3020823

Filed January 15, 2026

For the Reporting Period Ending November 30, 2025

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## Acronyms

BDR	Behavioral Demand Response
C&I	Commercial and Industrial
CSP	Conservation Service Provider or Curtailment Service Provider
DLC	Direct Load Control
DR	Demand Response
EDC	Electric Distribution Company
EDT	Eastern Daylight Time
EE&C	Energy Efficiency and Conservation
EM&V	Evaluation, Measurement, and Verification
EUL	Effective Useful Life
GNI	Government, Non-Profit, Institutional
HVAC	Heating, Ventilating, and Air Conditioning
ICSP	Implementation Conservation Service Provider
kW	Kilowatt
kWh	Kilowatt-hour
LED	Light-Emitting Diode
LIURP	Low-Income Usage Reduction Program
M&V	Measurement and Verification
MW	Megawatt
MWh	Megawatt-hour
NTG	Net-to-Gross
P4TD	Phase IV to Date
PA PUC	Pennsylvania Public Utility Commission
PSA	Phase IV to Date Preliminary Savings Achieved; equal to VTD + PYTD
PSA+CO	PSA savings plus Carryover from Phase III
PY	Program Year: e.g., PY13, from June 1, 2021 to May 31, 2022
PYRTD	Program Year Reported to Date
PYVTD	Program Year Verified to Date
RTD	Phase IV to Date Reported Gross Savings
SWE	Statewide Evaluator
TRC	Total Resource Cost
TRM	Technical Reference Manual
VTD	Phase IV to Date Verified Gross Savings

## Types of Savings

**Gross Savings:** The change in energy consumption and/or peak demand that results directly from program-related actions taken by participants in an EE&C program, regardless of why they participated.

**Net Savings:** The total change in energy consumption and/or peak demand that is attributable to an EE&C program. Depending on the program delivery model and evaluation methodology, the net savings estimates may differ from the gross savings estimate due to adjustments for the effects of free riders, changes in codes and standards, market effects, participant and nonparticipant spillover, and other causes of changes in energy consumption or demand not directly attributable to the EE&C program.

**Reported Gross:** Also referred to as *ex ante* (Latin for “beforehand”) savings. The energy savings and peak demand reduction values calculated by the EDC or its program Implementation Conservation Service Providers (ICSP) and stored in the program tracking system.

**Verified Gross:** Also referred to as *ex post* (Latin for “from something done afterward”) gross savings. The energy savings and peak demand reduction estimates reported by the independent evaluation contractor after the gross impact evaluation and associated M&V efforts have been completed.

**Verified Net:** Also referred to as *ex post* net savings. The energy savings and peak demand reduction estimates reported by the independent evaluation contractor after application of the results of the net impact evaluation. Typically calculated by multiplying the verified gross savings by a net-to-gross (NTG) ratio.

**Annual Savings:** Energy savings and demand reduction expressed on an annual basis, or the amount of energy and/or peak demand an EE&C measure or program can be expected to save over the course of a typical year. Annualized savings are noted as MWh/year or MW/year. The Pennsylvania TRM provides algorithms and assumptions to calculate annual savings, and Act 129 compliance targets for consumption reduction are based on the sum of the annual savings estimates of installed measures.

**Lifetime Savings:** Energy savings and demand reduction expressed in terms of the total expected savings over the useful life of the measure. Typically calculated by multiplying the annual savings of a measure by its effective useful life. The TRC Test uses savings from the full lifetime of a measure to calculate the cost-effectiveness of EE&C programs.

**Program Year Reported to Date (PYRTD):** The reported gross energy savings and peak demand reduction achieved by an EE&C program or portfolio within the current program year. PYTD values for energy efficiency will always be reported gross savings in a semi-annual report.

**Program Year Verified to Date (PYVTD):** The verified gross energy savings and peak demand reduction achieved by an EE&C program or portfolio within the current program year.

**Phase IV to Date (P4TD):** The energy savings and peak demand reduction achieved by an EE&C program or portfolio within Phase IV of Act 129. Reported in several permutations described below.

**Phase IV to Date Reported (RTD):** The sum of the reported gross savings recorded to date in Phase IV of Act 129 for an EE&C program or portfolio.

**Phase IV to Date Verified (VTD):** The sum of the verified gross savings recorded to date in Phase IV of Act 129 for an EE&C program or portfolio, as determined by the impact evaluation finding of the independent evaluation contractor.

**Phase IV to Date Preliminary Savings Achieved (PSA):** The sum of the verified gross savings (VTD) from previous program years in Phase IV where the impact evaluation is complete plus the reported gross savings from the current program year (PYTD).

**Phase IV to Date Preliminary Savings Achieved + Carryover (PSA+CO):** The sum of the verified gross savings from previous program years in Phase IV plus the reported gross savings from the current program year plus any verified gross carryover savings from Phase III of Act 129. This is the best estimate of an EDC's progress toward the Phase IV compliance targets.

## Section 1 Introduction

Pennsylvania Act 129 of 2008, signed on October 15, 2008, mandated energy savings and demand reduction goals for the largest electric distribution companies (“EDCs”) in Pennsylvania for Phases I (2008 through 2013), II (2013 through 2016) and III (2016 through 2021). In late 2020, each EDC filed a new energy efficiency and conservation (“EE&C”) plan with the Pennsylvania Public Utility Commission (“PA PUC” or “Commission”) detailing the proposed design of its portfolio for Phase IV. These plans were updated based on stakeholder input and subsequently approved by the PA PUC in 2021.

Implementation of Phase IV of the Act 129 programs began on June 1, 2021. This report documents the progress and effectiveness of the Phase IV EE&C accomplishments in Program Year 17 (“PY17”) for Metropolitan Edison Company (“Met-Ed” or “ME”), Pennsylvania Electric Company (“Penelec” or “PN”), Penn Power Company (“Penn Power” or “PP”), and West Penn Power Company (“West Penn Power” or “WPP”) (known collectively as the “FirstEnergy Pennsylvania EDCs” or “FirstEnergy” or “Companies”), as well as the cumulative accomplishments of the Phase IV programs since inception.<sup>1</sup> This report additionally documents the energy savings carried over from Phase III. The Phase III carryover savings count towards EDC energy efficiency savings compliance targets for Phase IV.

This report details the participation, spending, and reported gross impacts of the energy efficiency programs during the first six months of PY17. Compliance with Act 129 savings goals is ultimately based on verified gross savings. FirstEnergy has retained ADM Associates, Inc. (“ADM”) as an independent evaluation contractor for Phase IV of Act 129. ADM is responsible for the measurement and verification of the savings and calculation of verified gross savings. The verified gross savings for PY17 energy efficiency programs will be reported in the final annual report, to be filed on September 30, 2026.

Phase IV of Act 129 includes a peak demand reduction goal for Met-Ed, Penelec, Penn Power, and West Penn Power. Unlike previous phases of Act 129, Phase IV peak demand reduction targets must be met through coincident demand reductions from energy efficiency measures. The Act 129 peak demand reduction definition is non-holiday weekdays from 2:00 pm to 6:00 pm in June, July, and August. As in prior phases, compliance with Act 129 peak compliance goals is assessed at the system-level so all coincident peak demand impacts are adjusted for line losses.

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<sup>1</sup> By Order entered on December 7, 2023, the Commission approved FirstEnergy Corp.’s Pennsylvania distribution operating companies’ (i.e., Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company, and West Penn Power Company) request to merge into FirstEnergy Pennsylvania Electric Company (“FE PA”), and be “Rate Districts” of FE PA. See *Joint Application of Metropolitan Edison Company, Pennsylvania Electric Company, Pennsylvania Power Company, West Penn Power Company, Keystone Appalachian Transmission Company, Mid- Atlantic Interstate Transmission, LLC, and FirstEnergy Pennsylvania Electric Company, et al.*, Docket Nos. A-2023-3038771, *et al.* (Final Order entered December 7, 2023). For purposes of this report and continuance of Act 129 Phase IV reporting norms, EDC is used for the FE PA Rate Districts in this report to distinguish compliance targets.



## Section 2 Summary of Achievements

### 2.1 CARRYOVER SAVINGS FROM PHASE III OF ACT 129

The Commission's Phase IV Implementation Order<sup>2</sup> allowed EDCs to carry over verified savings above the Phase III portfolio and low-income savings goal and apply those savings toward Phase IV compliance targets. Table 2-1 shows total MWh/year carryover savings from Phase III for each of the FirstEnergy EDCs.

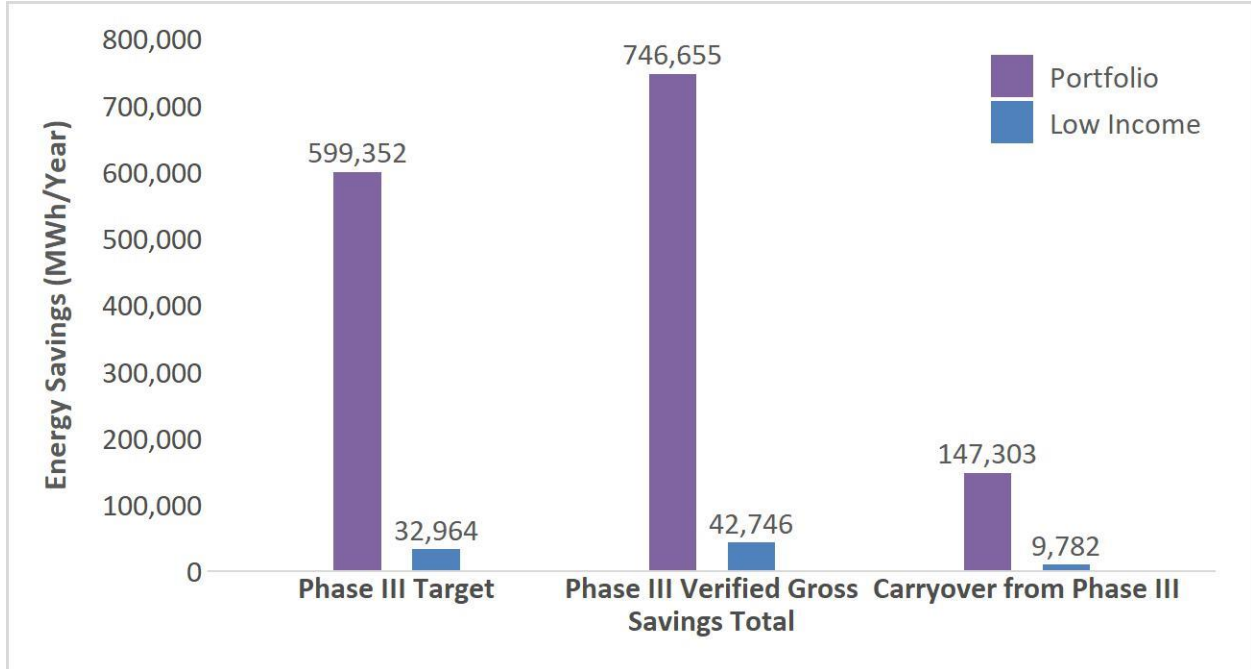
**Table 2-1: Phase III Carryover Savings**

EDC	Phase III Carryover Savings (MWh/Year)	Low-Income Phase III Carryover Savings (MWh/Year)
<b>Met-Ed</b>	147,303	9,782
<b>Penelec</b>	130,025	10,466
<b>Penn Power</b>	66,577	3,504
<b>West Penn Power</b>	168,480	8,270

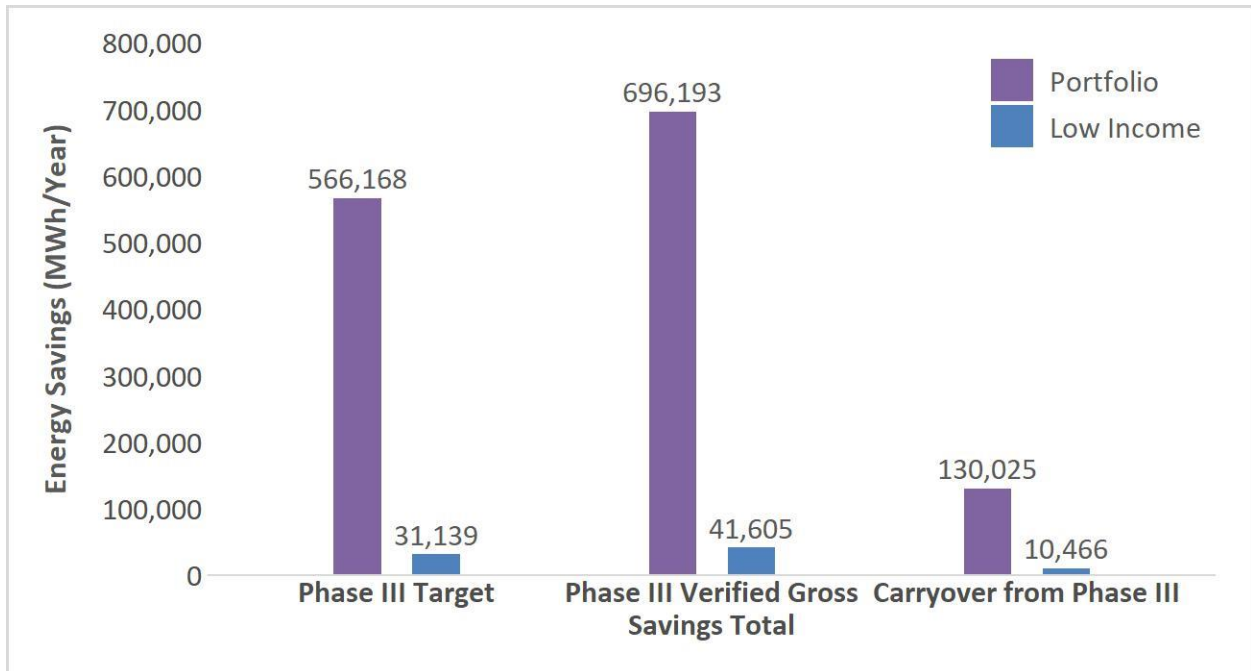
**Figure 1A-1D** compares each of the EDC's Phase III verified gross savings total to the Phase III compliance target to illustrate the carryover calculation.

<sup>2</sup> See *Energy Efficiency and Conservation Program Implementation Order*, Docket No. M-2020-3015228 (Order entered June 18, 2020) ("Phase IV Implementation Order").

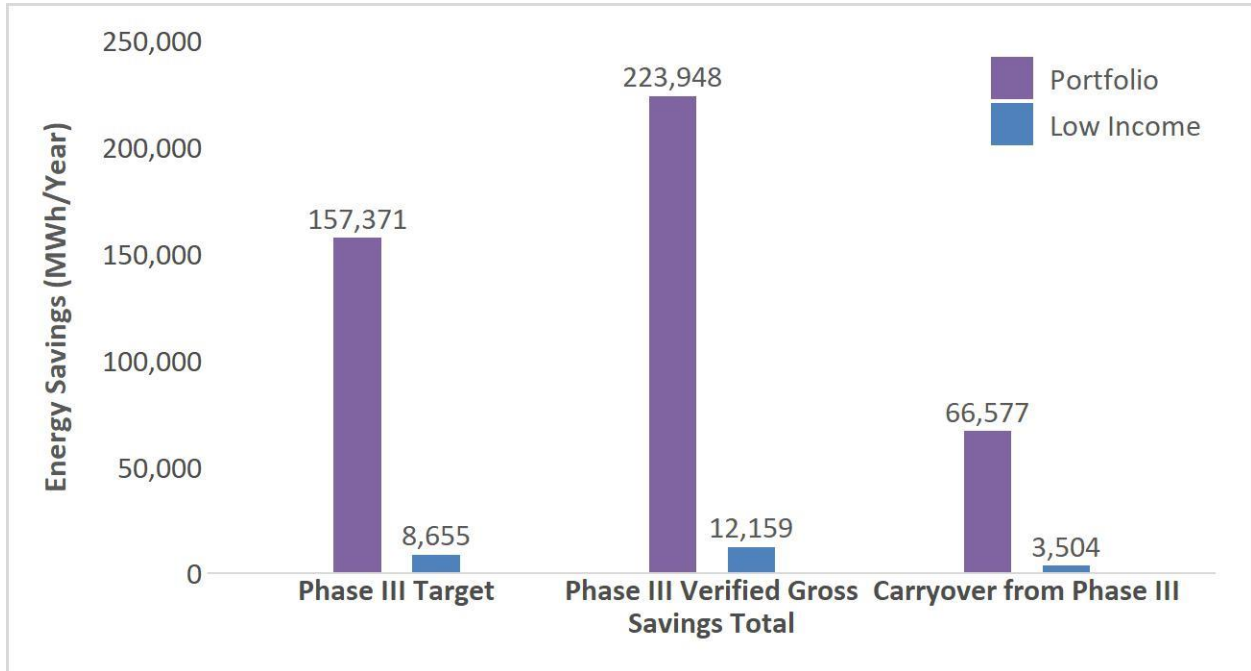
**Figure 1A: Carryover Savings from Phase III of Act 129 – Med-Ed**



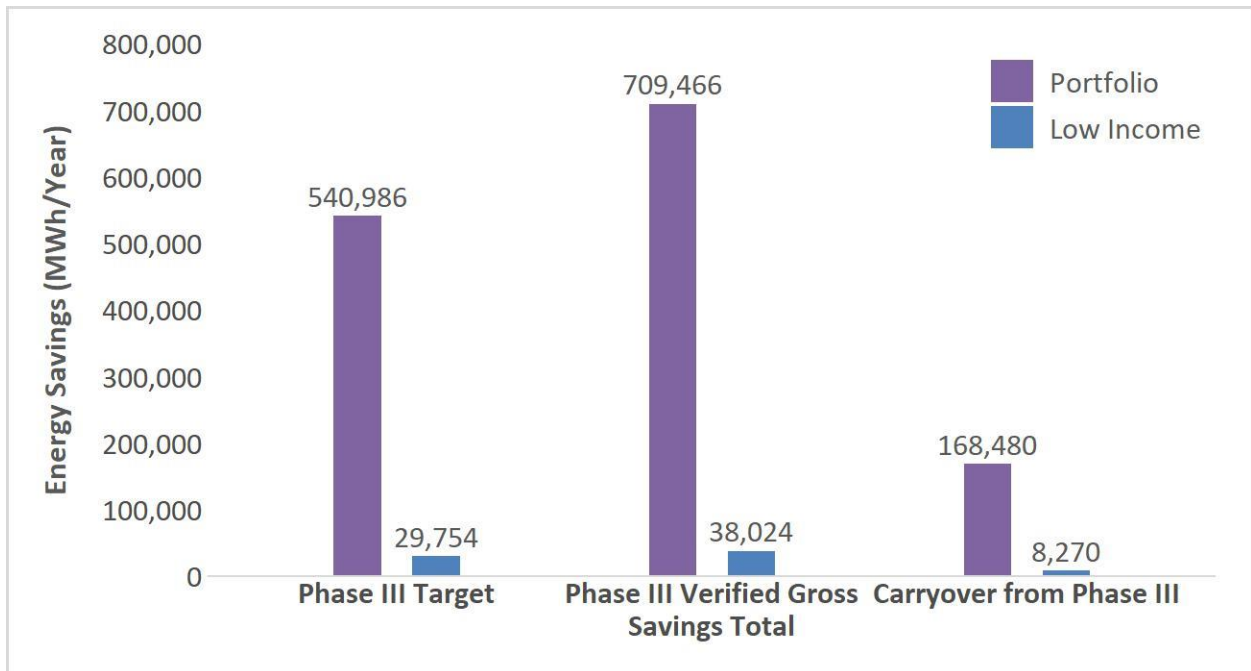
**Figure 1B: Carryover Savings from Phase III of Act 129 – Penelec**



**Figure 1C: Carryover Savings from Phase III of Act 129 – Penn Power**



**Figure 1D: Carryover Savings from Phase III of Act 129 – West Penn Power**



Phase III did not include a peak demand reduction target from energy efficiency, so there is no carryover savings toward the Phase IV peak demand reduction target.

## 2.2 PHASE IV ENERGY EFFICIENCY ACHIEVEMENTS TO DATE

Table 2-2 presents performance to date for each of the FirstEnergy EDCs for Program Year 17. Since the beginning of Program Year 17 on June 1, 2025, the FirstEnergy EDCs have claimed:

**Table 2-2: Gross Energy Savings and Demand Reduction for PY17**

EDC	Gross MWh/yr Savings (PYRTD)	Gross Peak Demand MW Savings (PYRTD)
<b>Met-Ed</b>	46,681	8.28
<b>Penelec</b>	67,811	13.25
<b>Penn Power</b>	16,787	3.95
<b>West Penn Power</b>	88,125	15.64

Table 2-3 and Table 2-4 show achievements to date in Phase IV. Since the beginning of Phase IV of Act 129 on June 1, 2021, the FirstEnergy EDCs have achieved:

**Table 2-3: Gross Energy Savings and Demand Reduction since the beginning of Phase IV of Act 129**

EDC	Reported Gross Electric Energy Savings MWh/yr Savings (RTD)	Reported Gross Peak Demand MW Savings (RTD)	Gross Electric Energy Savings MWh/yr Savings (PSA)	Gross Peak Demand MW Savings (PSA)
<b>Met-Ed</b>	431,448	75.72	426,594	68.67
<b>Penelec</b>	374,681	72.76	358,022	65.26
<b>Penn Power</b>	113,847	22.43	108,809	19.56
<b>West Penn Power</b>	471,756	86.25	456,132	74.92

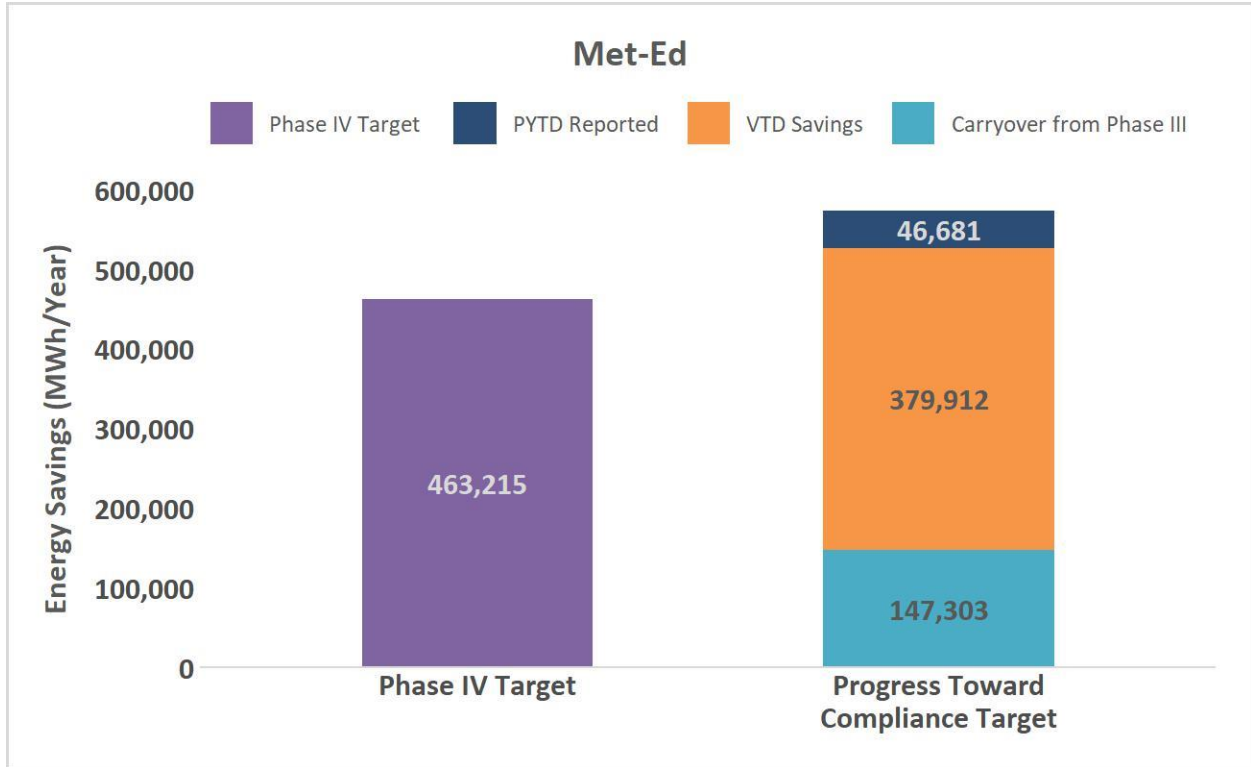
Including carryover savings from Phase III, the FirstEnergy EDCs have achieved:

**Table 2-4: Phase IV Energy Savings including Phase III carryover**

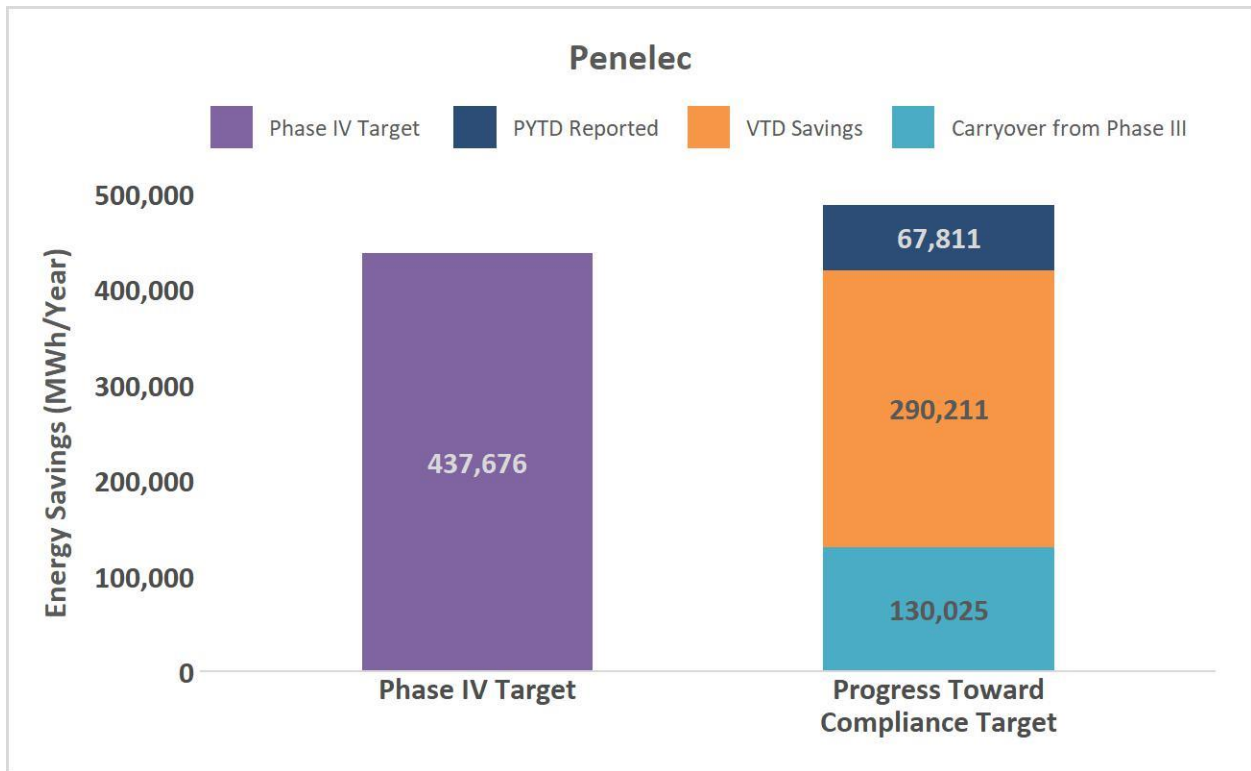
EDC	Gross/Verified Savings (PSA)	Carryover Savings MWh/yr (CO)	CO + Gross/Verified Savings (PSA + CO)	% of Compliance Target
<b>Met-Ed</b>	426,594	147,303	573,896	124%
<b>Penelec</b>	358,022	130,025	488,047	112%
<b>Penn Power</b>	108,809	66,577	175,386	136%
<b>West Penn Power</b>	456,132	168,480	624,612	124%

Figures 2A-2D show the FirstEnergy EDCs' EE&C Plan progress and achievement toward Phase IV energy savings compliance targets.

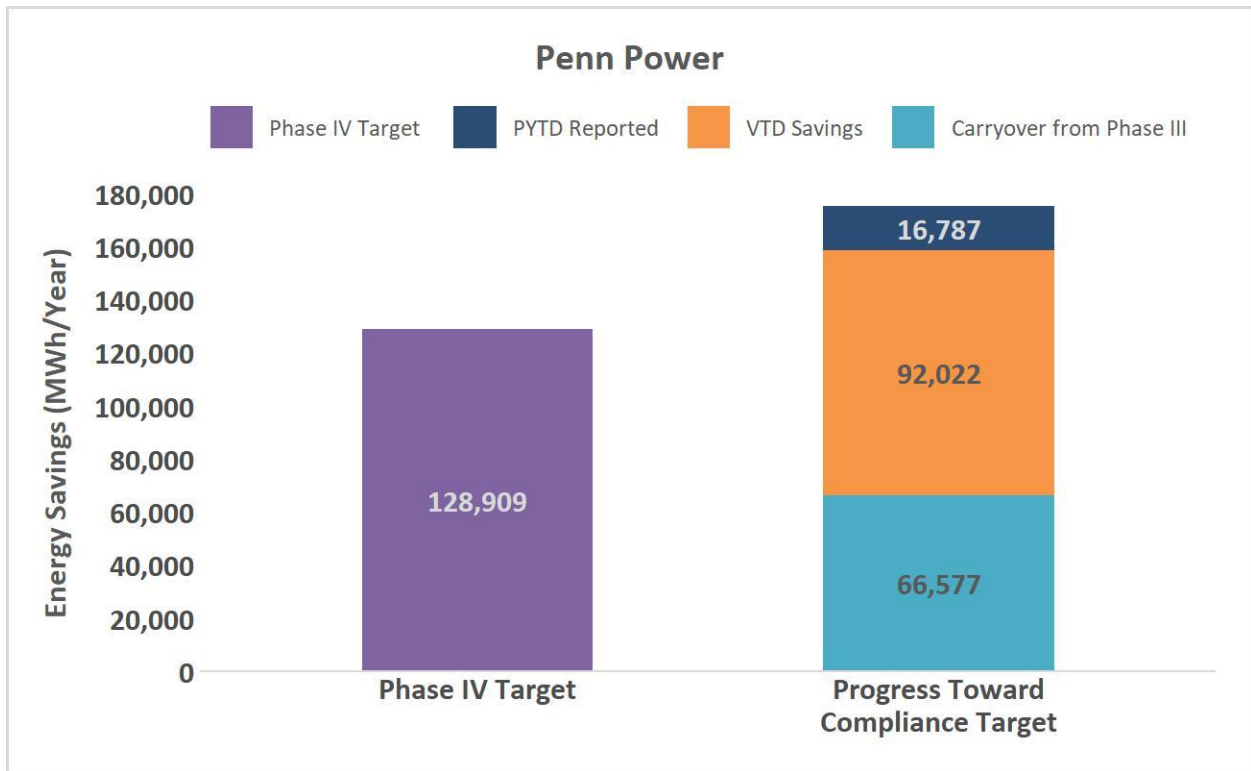
Figure 2A: Performance toward Phase IV Portfolio Energy Savings Target – Met-Ed



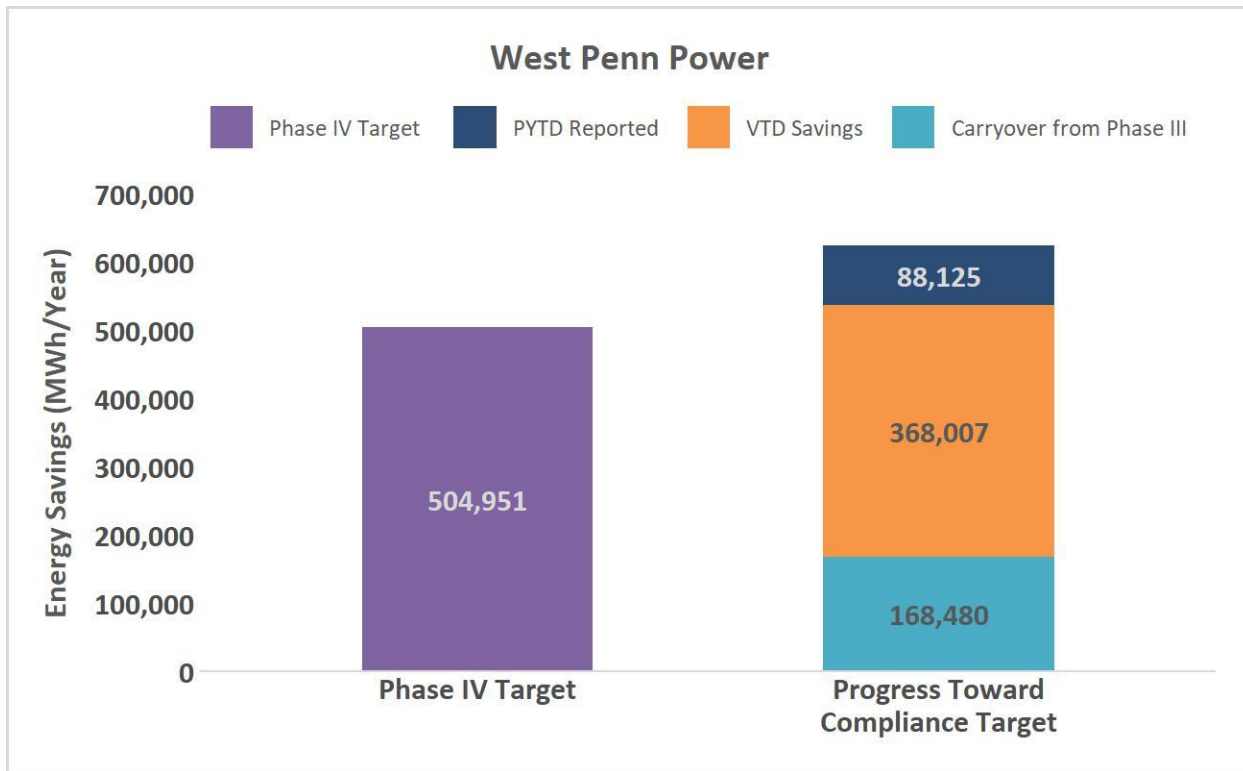
**Figure 2B: Performance toward Phase IV Portfolio Energy Savings Target – Penelec**



**Figure 2C: Performance toward Phase IV Portfolio Energy Savings Target – Penn Power**



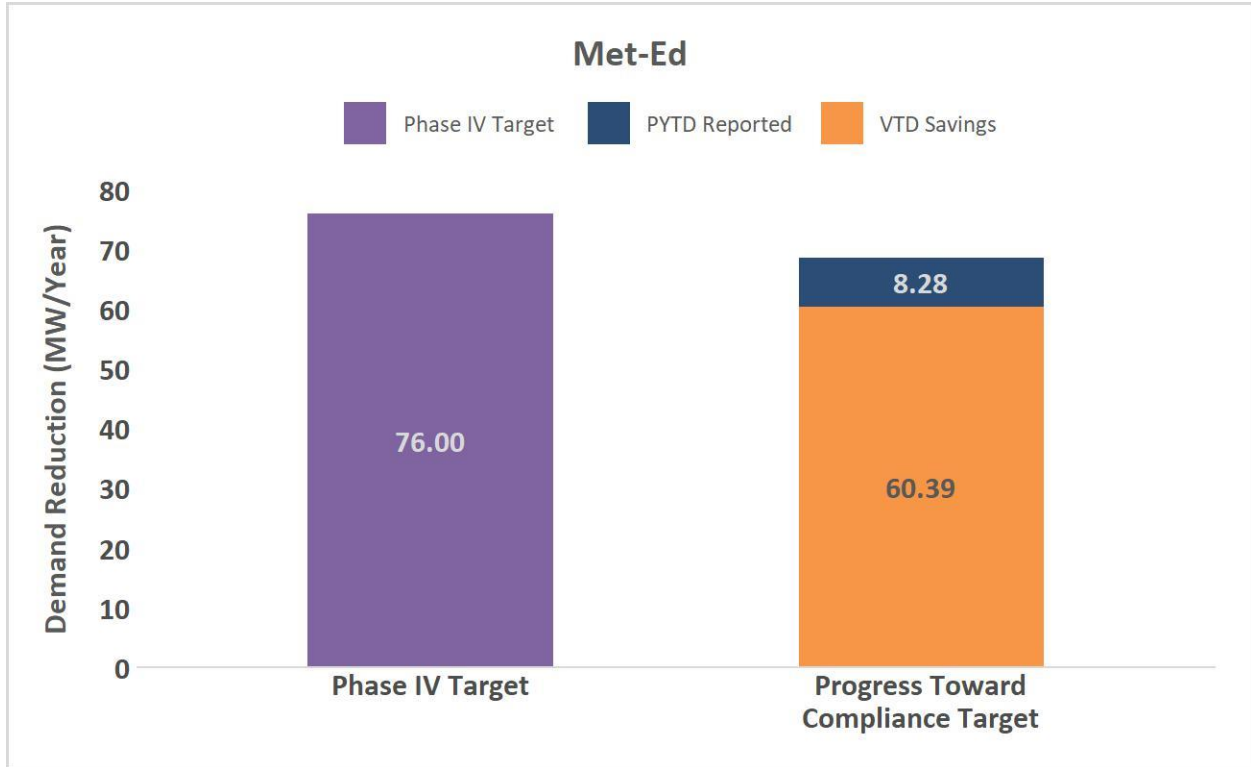
**Figure 2D: Performance toward Phase IV Portfolio Energy Savings Target – West Penn Power**



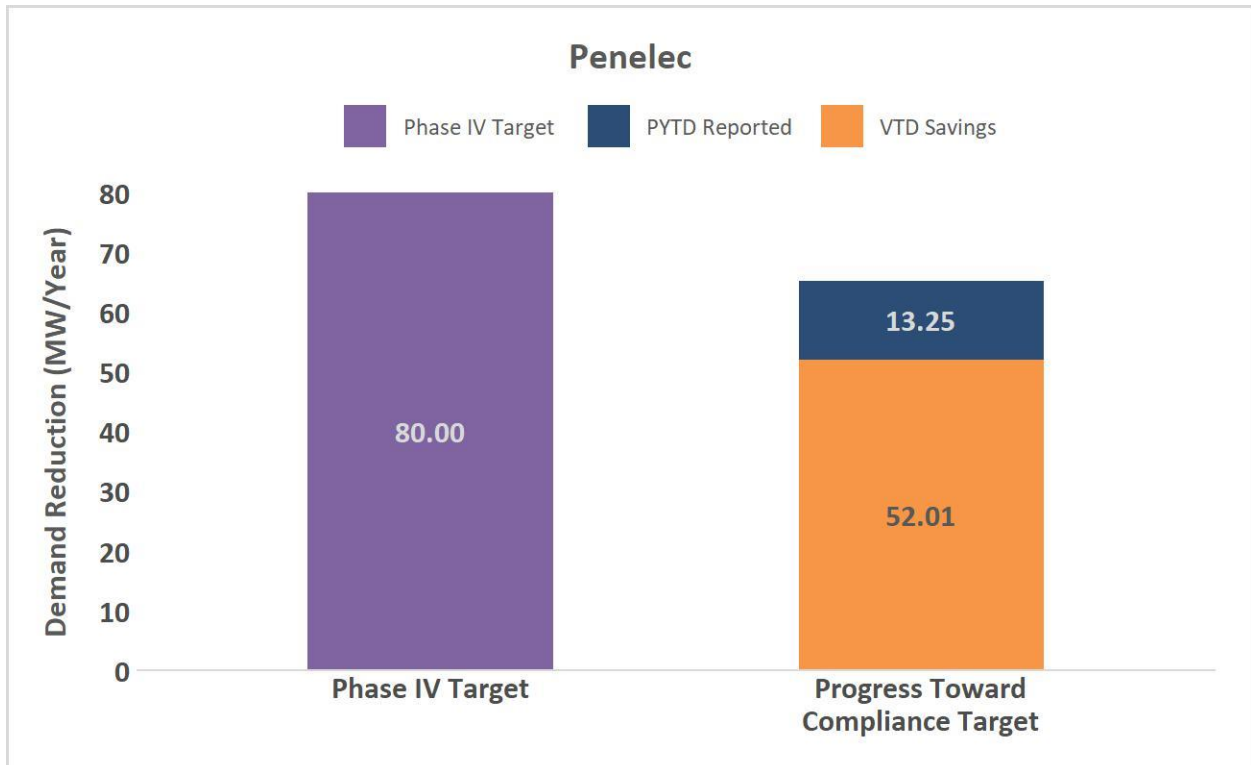
**Figures 3A-3D** show the FirstEnergy EDCs’ EE&C Plan progress toward Phase IV peak demand reduction compliance targets. As depicted in the figures below, while FirstEnergy has achieved 87% of the total FirstEnergy PA Phase IV peak demand reduction target and is projected to achieve peak demand reduction goals on a statewide basis, the FirstEnergy EDCs are at varying levels of achievement ranging from 98% to 82% for Penn Power and Penelec respectively. The FirstEnergy PA EDCs have been diligently pursuing the achievement of the Phase IV peak demand reduction compliance targets for each EDC including initiatives in place among our residential and C&I programs, actively focusing on measures that produce the highest peak demand savings, and engaging with external vendors and internal customer support teams, concentrating on customer engagement and outreach.



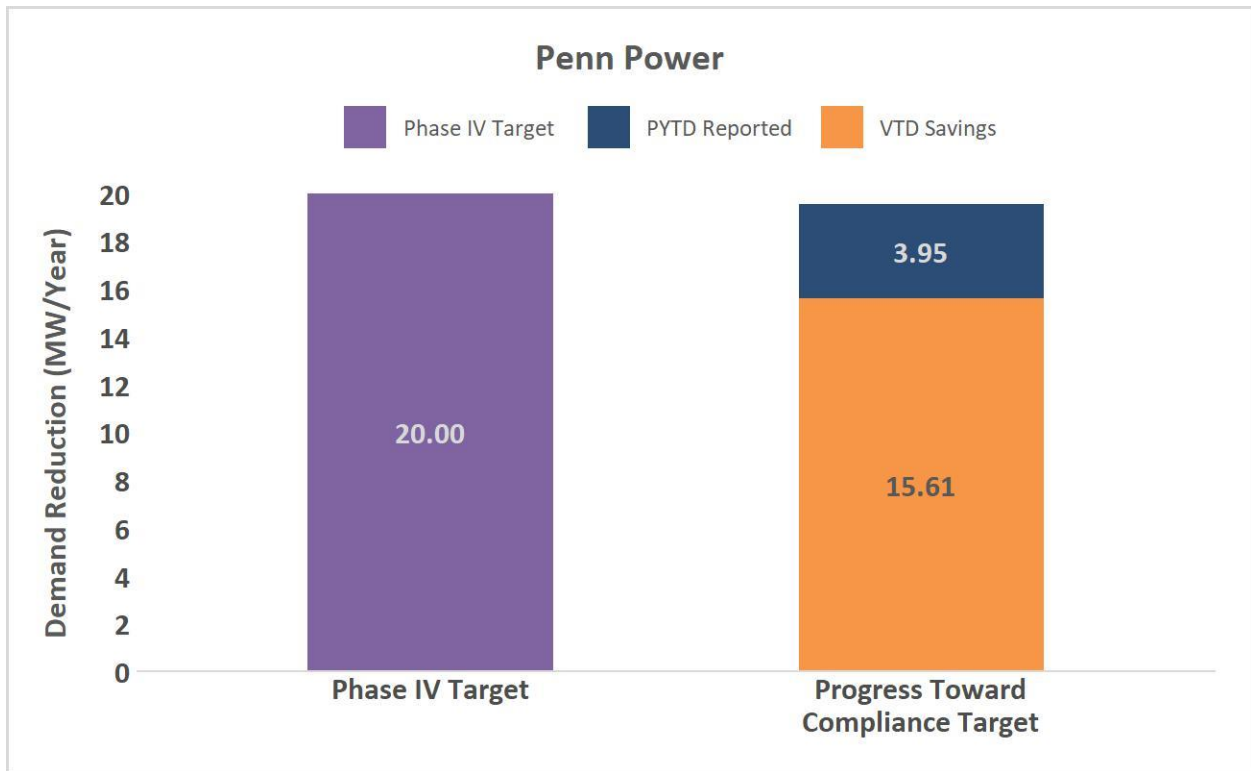
**Figure 3A: Performance toward Phase IV Portfolio Peak Demand Target – Met-Ed**

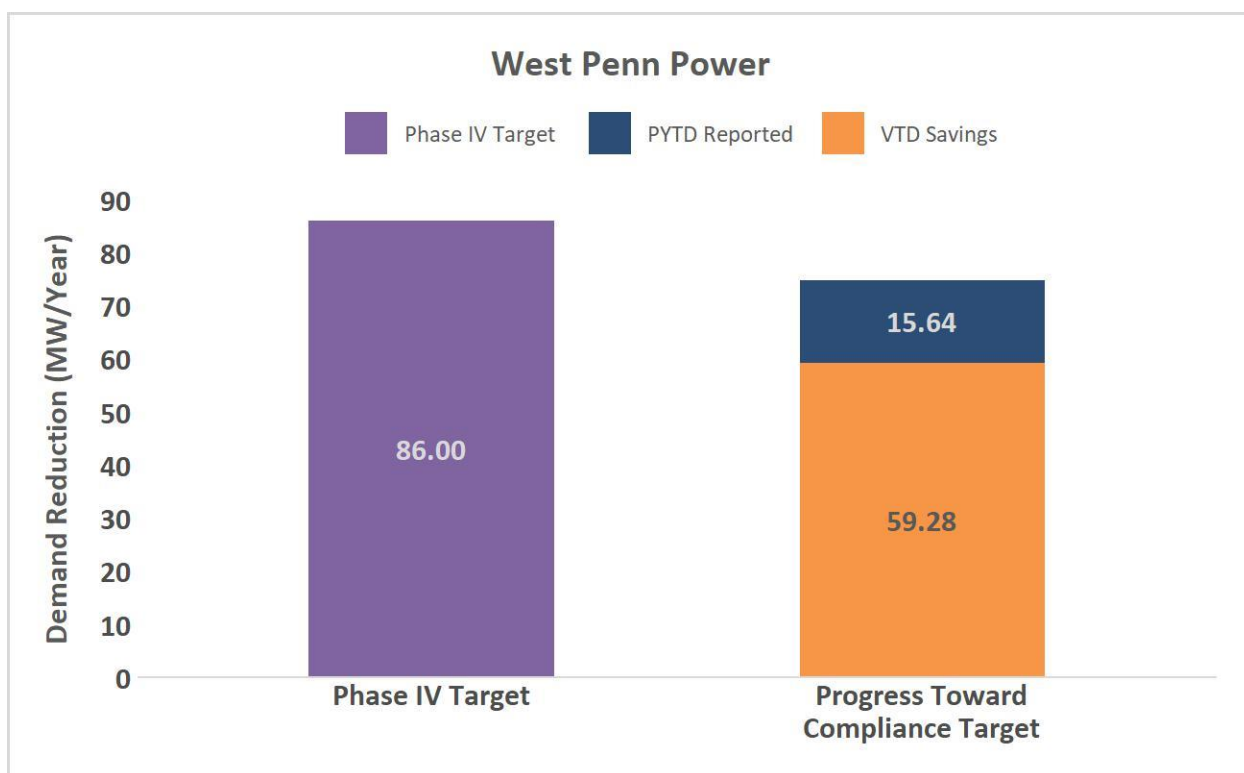


**Figure 3B: Performance toward Phase IV Portfolio Peak Demand Target – Penelec**



**Figure 3C: Performance toward Phase IV Portfolio Peak Demand Target – Penn Power**



**Figure 3D: Performance toward Phase IV Portfolio Peak Demand Target – West Penn Power**

### Reaching Low-Income Households

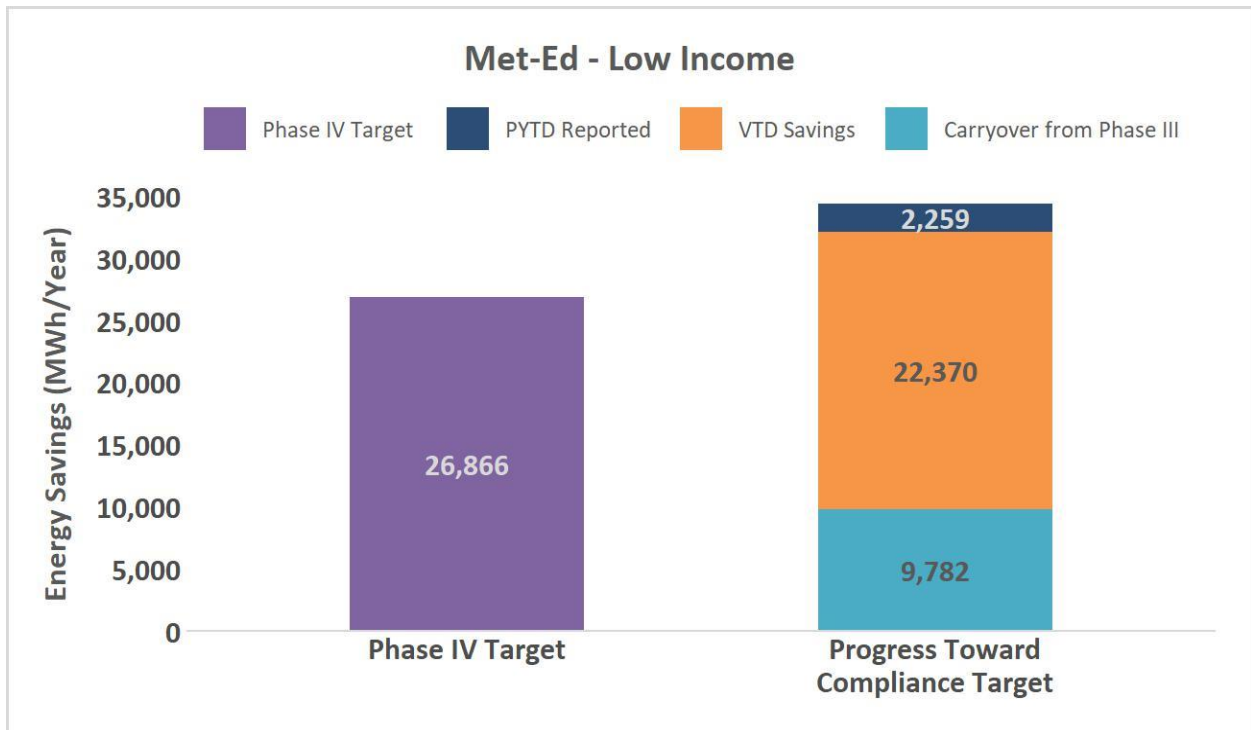
The Phase IV Implementation Order directed EDCs to offer conservation measures to the low-income customer segment based on the proportion of electric sales attributable to low-income households. The proportionate number of measures target for each FirstEnergy EDC is 8.79% for Met-Ed, 10.23% for Penelec, 10.64% for Penn Power and 8.79% for West Penn Power. Each FirstEnergy EDC offers a total of 136 distinct EE&C measures to its residential and non-residential customer classes. There are 29 measures available to each of the FirstEnergy EDC low-income customer segments at no cost to the customer. This represents 21.3% of the total measures offered in the EE&C plan and exceeds the proportionate number of measures target for each of the EDCs.

The PA PUC also established a low-income energy savings target of 5.8% of the portfolio savings goal. The low-income savings target for the FirstEnergy EDCs is presented in Table 2-5 and is based on verified gross savings. Figures 4A-4D compare the PSA+CO performance to date for the low-income customer segments to the Phase IV savings targets. Based on the latest available information, Table 2-5 presents the percent achievement of each EDC's Phase IV low-income energy savings target.

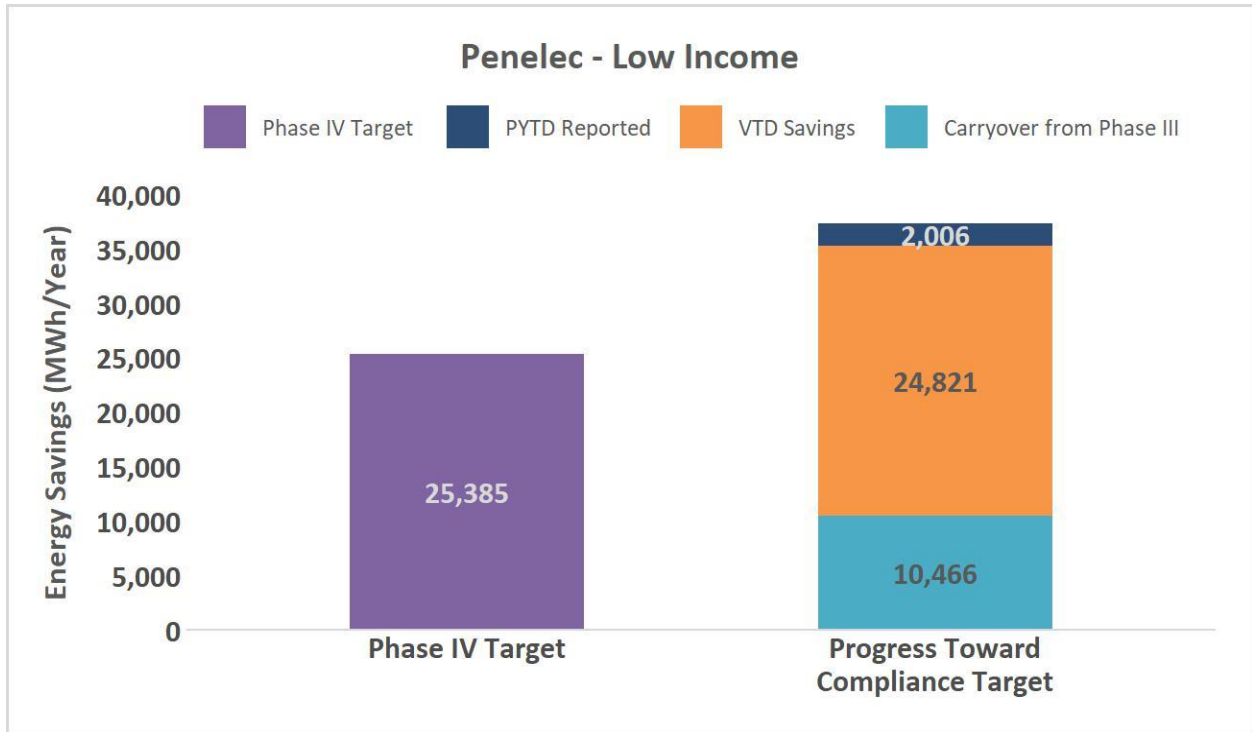
**Table 2-5: Low-Income Program Energy Savings and Targets**

EDC	Low-Income Target (MWh/yr)	PSA + CO (MWh/yr)	% of Low-Income Savings Target Achieved
<b>Met-Ed</b>	26,866	34,411	128%
<b>Penelec</b>	25,385	37,292	147%
<b>Penn Power</b>	7,477	9,300	124%
<b>West Penn Power</b>	29,287	38,371	131%

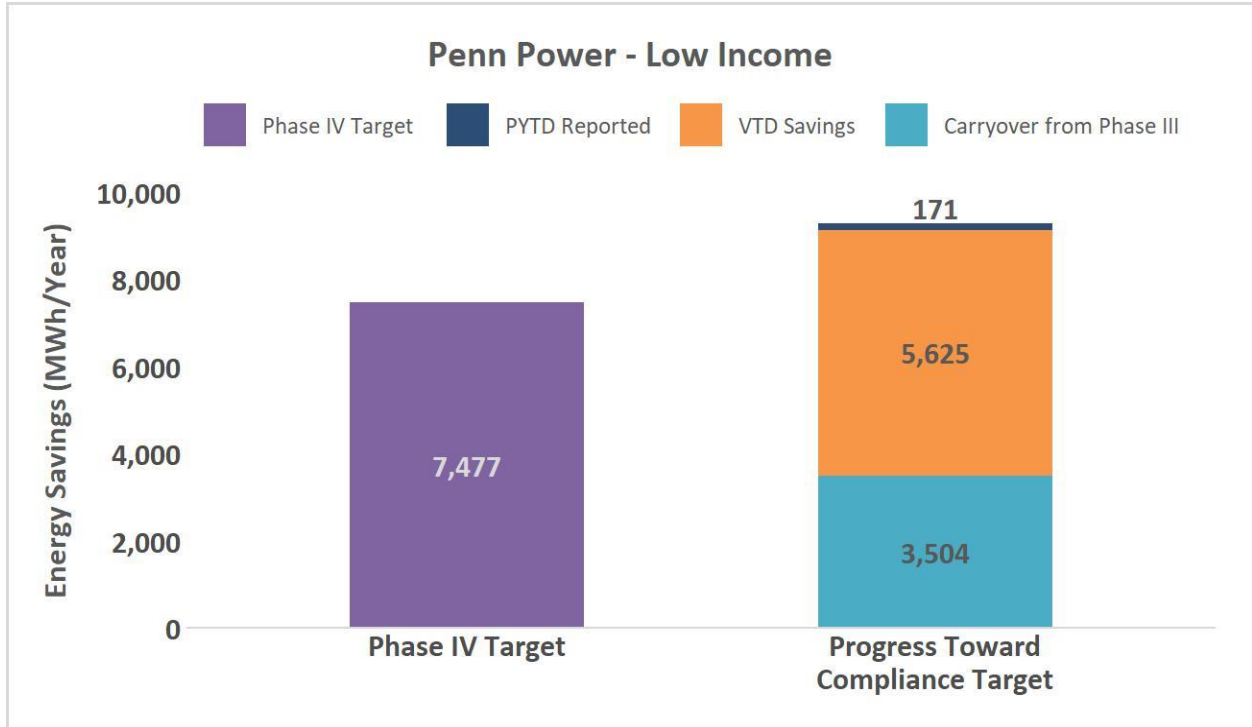
**Figure 4A: EE&C Plan Performance Toward Phase IV Low-Income Compliance Target – Met-Ed**



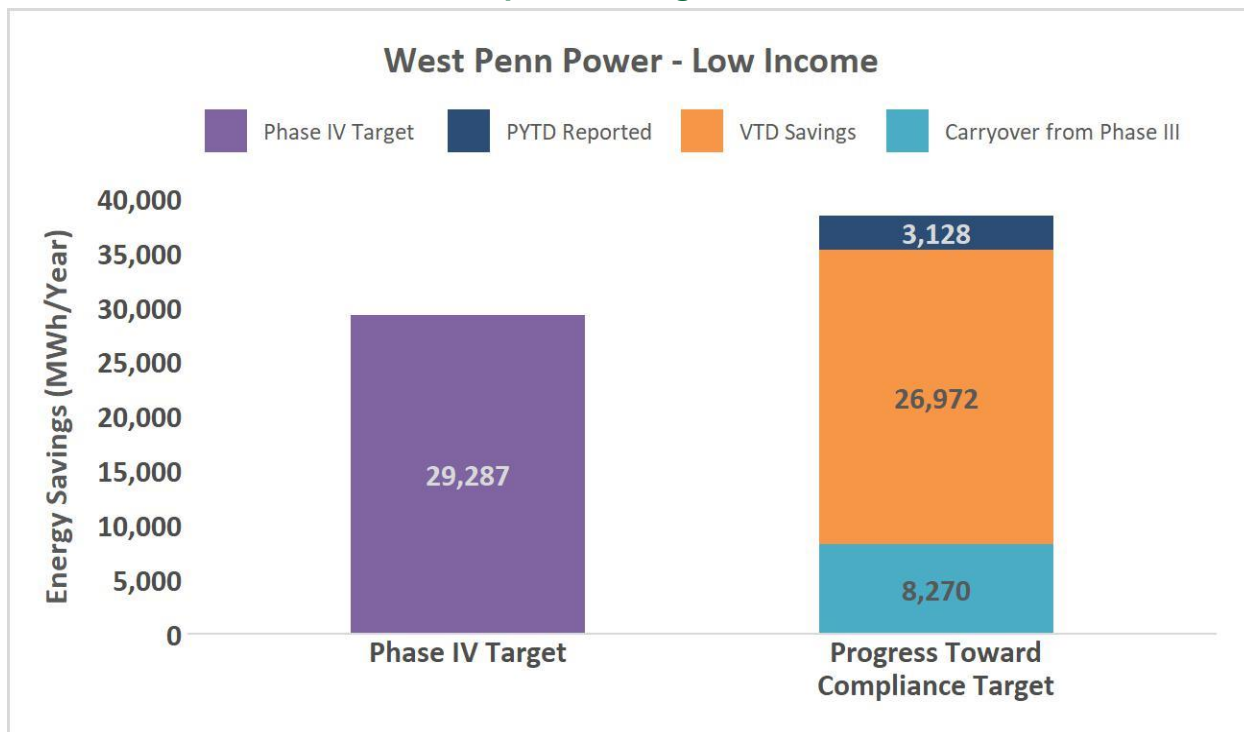
**Figure 4B: EE&C Plan Performance Toward Phase IV  
Low-Income Compliance Target – Penelec**



**Figure 4C: EE&C Plan Performance Toward Phase IV  
Low-Income Compliance Target – Penn Power**



**Figure 4D: EE&C Plan Performance Toward Phase IV Low-Income Compliance Target – West Penn Power**



### 2.4 PHASE IV PERFORMANCE BY CUSTOMER SEGMENT

Table 2-6 represents the participation, savings, and spending by customer sector for PY17. The residential, small C&I, and large C&I sectors are defined by EDC tariff and the residential low-income and governmental/educational/non-profit sector is defined by statute.<sup>3</sup> The residential low-income segment is a subset of the residential customer class, and the GNI segment is a subset of the Small C&I and Large C&I rate classes. The savings, spending, and participation values for the LI and GNI segments have been removed from the parent sectors in Table 2-6.

<sup>3</sup> 66 Pa. C.S. § 2806.1.

**Table 2-6: PY17 Summary Statistics by Customer Segment**

EDC	Parameter	Residential (Non-LI)	Residential LI	Small C&I (Non-GNI)	Large C&I (Non-GNI)	GNI
Met-Ed	# participants	186,248	20,717	429	200	11
	PYRTD MWh/yr	17,245	2,259	10,286	16,183	709
	PYRTD MW/yr	2.7	0.3	2.4	2.8	0.2
	Incentives (\$1000)	\$2,341.03	\$1,388.26	\$976.19	\$1,620.16	\$170.20
Penelec	# participants	188,810	22,763	1,030	261	46
	PYRTD MWh/yr	18,230	2,006	24,575	21,364	1,636
	PYRTD MW/yr	2.2	0.3	6.3	4.0	0.4
	Incentives (\$1000)	\$2,552.68	\$1,641.10	\$2,388.19	\$2,202.24	\$412.91
Penn Power	# participants	77,327	3,116	338	40	6
	PYRTD MWh/yr	4,179	171	7,966	4,279	191
	PYRTD MW/yr	0.6	0.0	2.3	1.0	0.0
	Incentives (\$1000)	\$764.38	\$32.81	\$755.25	\$558.23	\$25.76
West Penn Power	# participants	241,982	34,875	801	197	36
	PYRTD MWh/yr	26,003	3,128	29,214	29,199	582
	PYRTD MW/yr	3.4	0.4	7.7	4.0	0.1
	Incentives (\$1000)	\$3,631.90	\$1,239.75	\$2,772.16	\$2,866.13	\$110.47

Table 2-7 summarizes plan performance by sector since the beginning of Phase IV.

**Table 2-7: Phase IV Summary Statistics by Customer Segment**

EDC	Parameter	Residential (Non-LI)	Residential LI	Small C&I (Non-GNI)	Large C&I (Non-GNI)	GNI
Met-Ed	# participants	529,032	104,310	5,814	1,215	108
	PSA MWh/yr	126,270	22,708	96,105	177,501	4,010
	PSA MW	19.8	3.1	18.6	26.4	0.7
	Incentives (\$1000)	\$19,063.66	\$8,706.23	\$19,227.88	\$10,834.12	\$684.24
Penelec	# participants	630,181	92,482	8,090	1,093	180
	PSA MWh/yr	98,746	24,264	135,740	94,065	5,207
	PSA MW	15.3	2.6	29.8	16.5	1.0
	Incentives (\$1000)	\$14,408.20	\$11,723.12	\$24,303.77	\$9,347.98	\$1,214.24
Penn Power	# participants	204,490	22,884	1,368	296	58
	PSA MWh/yr	37,852	5,599	31,810	31,490	2,058
	PSA MW	5.9	0.8	7.3	5.2	0.4
	Incentives (\$1000)	\$6,159.06	\$2,769.52	\$5,973.86	\$3,142.70	\$434.96
West Penn Power	# participants	737,155	107,905	5,332	1,143	149
	PSA MWh/yr	120,201	28,018	135,674	125,059	47,180
	PSA MW	19.7	3.5	27.0	19.0	5.7
	Incentives (\$1000)	\$19,102.28	\$11,569.24	\$24,564.71	\$12,117.65	\$1,477.57

## Section 3 Updates and Findings

### 3.1 IMPLEMENTATION UPDATES AND FINDINGS

Implementation updates and findings through the first half of PY17 are as follows:

#### Energy Efficient Products Program

- **Appliance Recycling:** This subprogram resumed on May 13, 2024. CLEAResult is the implementer of the program. Residential, Low-Income and Commercial/Industrial customers with an active PA electric company account can receive incentives for recycling older, working inefficient refrigerators, freezers, dehumidifiers, room air conditioners and mini refrigerators. Appliances are recycled to EPA RAD standards with CLEAResult being responsible for providing yearly RAD reporting data. The program is marketed through a variety of consumer-focused media including bill inserts, emails and Facebook ads.
- **Appliances:** This subprogram is implemented by Franklin Energy. This subprogram offers instant discounts and/or mail-in rebates to customers for the purchase of ENERGY STAR® certified appliances. Refrigerators and smart thermostats were the appliances most rebated through this program. The Appliance Rebates subprogram is marketed through a variety of consumer-focused media including bill inserts, bill messages, e-mails, Facebook ads, through the Behavioral Home Energy Reports, the Online Audit tool, and approximately 250 retailers throughout the Company's service territory, including retail store associate training. Due to budget constraints in Met-Ed, instant discounts at participating retailers were discontinued in October. A limited time Marketplace offering was opened in July, which gave West Penn Power and Penelec customers the opportunity to purchase smart thermostats and advanced power strips at discounted amounts.
- **HVAC:** This subprogram is implemented by Franklin Energy and offers rebates for the purchase of high-efficiency HVAC equipment. The program continued to progress well during the first half of PY17 with activity from HVAC contractors across the EDCs contributing to the program meeting or exceeding goals. In Penelec and West Penn Power, instant discount DIY mini-splits were added to the program in November through participating retailers. The rebate submission process continues to offer flexibility for customers to submit applications by mail or email and allows for contractors to submit through an online portal on behalf of customers. Email notifications are also sent to contractors that use the online portal to provide processing status updates for the rebate applications they submit on behalf of their customers.

#### Energy Efficient Homes Program

- **Behavioral:** This subprogram is implemented by Oracle. The Home Energy Reports sent in the first half of the program year included targeted tips, energy star rebate information, promotion of the Comprehensive Audit program, and seasonal information on ways to prepare for summer and winter.



- **Comprehensive Audit:** This subprogram is implemented by CLEAResult and has met and/or exceeded the first half of their PY17 goals in all EDCs except Penelec. CLEAResult has continued to complete projects but at a slower pace to avoid exceeding the Plan budget. The Solar PV Rebate program continues to operate successfully and has expanded into a digital gift card incentive as part of the Major Measures rebates that are offered. Additional HVAC and appliance products have been added to the offering of Major Measures.
- **New Homes:** The New Homes subprogram is implemented by Performance Systems Development (PSD). The program continues outreach to re-enroll builders and raters in the program for the current phase. There are currently 196 builders and 24 raters enrolled in the program.
- **School Kits:** This subprogram is implemented by AM Conservation Group. The program provides energy efficiency education and awareness through a classroom-based education program for grades K-8. Each student receives low cost direct-install items that customers can install by themselves.
- **Energy Efficiency Kits:** The Kits subprogram is implemented by AM Conservation Group. The program targets new residents within the Companies' service territories. Customers may also opt-in to the program by phone or website by providing their account number or 8-digit invitation code via marketing materials.
- **Online Audit:** The software tool, referred to as the Home Energy Analyzer, is available on the Companies' website. Customers enter information about their home into the Analyzer and receive tips on how to save energy. Some of the tips direct customers to other Energy Efficiency programs. There is also a graph that displays where most of the energy use in the home occurs.

### Low Income Energy Efficiency Program

- **Appliance Rebate:** This subprogram is implemented by Franklin Energy. The Companies offer additional incentives to customers identified as low-income on purchases of select energy efficient appliances. During the first half of PY17, the Companies continued outreach through retailers to educate store associates about the program. Due to budget constraints in Penn Power, the low-income enhanced appliance rebate program was closed in May 2025.
- **New Homes:** The low-income New Homes subprogram is also implemented by Performance Systems Development (PSD). Raters have submitted low-income projects for Met Ed, Penelec and Penn Power in the first half of PY17.
- **School Kits:** This low-income School Kits subprogram is implemented by AM Conservation Group. The subprogram provides energy efficiency education and awareness through a classroom-based education program for grades K-8. Each student receives low cost direct-install items that customers can install by themselves. The Company offers additional measures in each kit for schools identified as low income.
- **Energy Efficiency Kits:** The low-income Energy Efficiency Kits subprogram is implemented by AM Conservation Group. The subprogram targets new residents within the Companies' service territories. Customers may also opt-in to the subprogram by phone

or website by providing their account number or 8-digit invitation code via marketing materials. The Company offers additional items for installation in each kit for those identified as low income.

- **Weatherization:** This subprogram, which is a combination of WARM Plus, implemented by CLEAResult, and WARM Extra Measures, implemented by FirstEnergy's Human Service Department, is progressing well. Both teams continue to improve processes and procedures to provide the best experience to the customer, while obtaining the maximum savings. Production in PP for WARM Plus and LI Residential MF have been suspended in PY17. Customers can still be served under WARM or the Comprehensive Audit programs.
- **Residential and SCI Multifamily:** This subprogram is implemented by CLEAResult. Production in PP for WARM Plus and LI Residential MF have been suspended in PY17. Customers can still be served under non-LI Residential MF program. As of September 2025, WP SCI and LI SCI Multifamily programs have been suspended.
- **Appliance Recycling:** This subprogram resumed on May 13, 2024. This subprogram is implemented by CLEAResult. Residential, Low-Income and Commercial/Industrial customers with an active PA EDC account can receive incentives for recycling older, working inefficient refrigerators, freezers, dehumidifiers, room air conditioners and mini refrigerators. Appliances are recycled to EPA RAD standards with CLEAResult being responsible for providing yearly RAD reporting data. The subprogram is marketed through a variety of consumer-focused media including bill inserts, emails and Facebook ads.
- **Behavioral:** This subprogram is implemented by Oracle. Customers identified as low-income receive Home Energy Reports with low or no cost tips to educate customers on how to use less energy. The reports sent in the first half of the program year also included detailed messaging and promotions for seasonal savings tips (summer then winter), audit programs for low-income customers, and enhanced rebates available for the purchase of certain ENERGY STAR certified appliances.

#### **Residential, LCI and SCI Multifamily – Market-Rate Rebate Programs**

- This subprogram is implemented by CLEAResult. The streamlined onboarding policy implemented in PY15 has resulted in higher and more consistent MWh savings due to improved customer enrollment.

#### **C/I Energy Solutions for Business – Small**

This program is implemented by Franklin Energy and Willdan, who were introduced to customers and program allies through a series of e-Blasts at the start of Phase IV. The program continues to gain momentum and is marketed through a variety of activities which helped the Companies reach a wider audience and increase program participation. These activities include:

- Coffee Breaks at various locations/dates for program allies or customers to stop in and ask questions about the programs.
  - Counter days with various distributors.
- Online portal training webinars that targeted program allies.

- Events for customers to learn about the programs.
  - PennTap Funding Presentation 7/17/25
  - Lunch and Learn Event Wilkes Barre 7/24/25
  - Lunch and Learn Event Erie 8/5/25
  - Green Building Alliance Community Initiative 9/10/25
  - Lunch and Learn Altoona 9/17/25
  - 2025 Lehigh Valley Manufacturing Forum 10/1/25
  - Erie County Association of Township Officials 10/23/25
  - Kutztown Sustainability Symposium 2025 11/5/25
- PA energy efficiency roundtables.
- Pennsylvania Technical Assistance Program (“PennTap”) Energy Advisor Training.
- 2025 Kutztown University Sustainability Symposium was an opportunity where FirstEnergy and Kutztown University partnered and had students spec out energy efficiency projects and do the analysis of savings and pay back at Kutztown University.
- High level marketing efforts.
  - New marketing collateral (flyers, emails, tradeshow assets) that focuses on incentives for large commercial projects completed in the last 180 days.

To support the outreach efforts, the Companies leverage their internal resources – Customer Support, National Accounts, Economic Development, Area Managers, and Energy Efficiency Staff – to support the program and promote the Act 129 portfolio of programs to assigned accounts or contacts.

- **Prescriptive and Custom Sub-Programs:** These sub-programs are implemented by Franklin Energy and continue to be fully operational for Phase IV.
- **Retro-commissioning, Building Tune-Up, Custom Building Improvements, and Commercial New Construction Sub-Programs:** These sub-programs are implemented by Willdan and continue to be fully operational for Phase IV.

### **C/I Energy Solutions for Business – Large**

This program is implemented by Franklin Energy and Willdan, who were introduced to customers and program allies through a series of e-Blasts at the start of Phase IV. The Companies have also retained CLEAResult for additional marketing and customer engagement support in the large commercial sector. The program continues to gain momentum and is marketed through a variety of activities which has helped the Companies reach a wider audience and increase program participation. These activities include:

- Coffee Breaks at various locations/dates for program allies or customers to stop in and ask questions about the programs.
  - Counter days with various distributors.
- Online portal training webinars that targeted programs allies.
- Events for customers to learn about the programs.
  - PennTap Funding Presentation 7/17/25
  - Lunch and Learn Event Wilkes Barre 7/24/25
  - Lunch and Learn Event Erie 8/5/25

- Green Building Alliance Community Initiative 9/10/25
- Lunch and Learn Altoona 9/17/25
- 2025 Lehigh Valley Manufacturing Forum 10/1/25
- Erie County Association of Township Officials 10/23/25
- Kutztown Sustainability Symposium 2025 11/5/25
- PA energy efficiency roundtables.
- Pennsylvania Technical Assistance Program (“PennTap”) Energy Advisor Training
- 2025 Kutztown University Sustainability Symposium was an opportunity where FirstEnergy and Kutztown University partnered and had students spec out energy efficiency projects and do the analysis of savings and pay back at Kutztown University.
- High level marketing efforts.
  - New marketing collateral (flyers, emails, tradeshow assets) that focuses on incentives for large commercial projects completed in the last 180 days.

To support the outreach efforts, the Companies leverage their internal resources – Customer Support, National Accounts, Economic Development, Area Managers, and Energy Efficiency Staff – to support the program and promote the Act 129 portfolio of programs to assigned accounts or contacts.

- **Prescriptive and Custom Sub-Programs:** These sub-programs are implemented by Franklin Energy and continue to be fully operational for Phase IV.
- **Retro-commissioning, Building Tune-Up, Custom Building Improvements, and Commercial New Construction Sub-Programs:** These sub-programs are implemented by Willdan and continue to be fully operational for Phase IV.

### 3.2 EVALUATION UPDATES AND FINDINGS

Evaluation updates and findings through the first half of PY17 are as follows:

- **Portfolio level:** ADM continually reviews the Companies’ Tracking and Reporting (T&R) database and collaborates with Companies’ staff and the T&R vendor, ICF, to investigate values that are flagged for review in an automated QA/QC process.
- **Energy Efficient Products Program:** ADM is currently reviewing invoices and applications to support the desk review process in PY17. ADM is conducting participant surveys for gross impact evaluation.
- **Energy Efficient Homes Program:** The gross impact evaluation effort for PY17 has launched and participant surveys are underway.
- **Low-Income Energy Efficiency Program:** ADM has made initial data requests for documentation and site inspection results to be used in the PY17 program evaluation.
- **C&I Energy Solutions for Business – Small and C&I Energy Solutions for Business – Large.** ADM has pulled two evaluation samples for nonresidential programs and has received project documentation for 101 projects from FirstEnergy. Data collection for impact evaluation is currently underway for some large lighting and custom projects, with field work for additional projects expected to ramp up in early 2026. Tetra Tech and ADM

attend biweekly meetings with the implementation team to review the project pipeline, discuss large projects, and coordinate evaluation efforts.

## Section 4 Summary of Participation by Program

Participation is defined differently for certain programs depending on the program delivery channel and data tracking practices. The nuances of the participant definition vary by program and within elements of a given program. The Phase IV participation counting logic is summarized by program in the bullets below, and Table 4-1A through Table 4-1D provides the current participation totals for PY17 and Phase IV.

- **Energy Efficient Homes Program**
  - **Energy Efficiency (EE) Kits:** the number of energy savings kits delivered to students' homes or the number of energy savings kits delivered to customer homes.
  - **Residential Audit and Direct Install (DI):** the number of customers who have had an energy audit with direct install measures installed.
  - **Home Energy Reports:** the number of customers currently receiving energy usage reports. P4TD participation numbers reflect the total number of customers that participated in the program since the beginning of Phase IV.
  - **Online Audits:** the number of customers that participated in the Online Audit program component.
  - **New Homes:** the count of new energy efficient homes being built with EnergyStar standards or higher efficiency level than the current building code.
  
- **Energy Efficient Products Program**
  - **Appliance Recycling:** the count of customer recycling pick-up incidents. If a homeowner recycles multiple appliances at one pick-up event, it is recorded as a single participant. In the midstream component, each lot of 25 appliances removed from a second-hand retailer is recorded as a single participant.
  - **Residential Downstream Appliances:** the number of appliances sold.
  - **Residential Downstream HVAC:** the number of HVAC units or programmable thermostats that are purchased and installed. If a customer purchases and installs both units at the same time they are counted as one participant.
  - **Residential Midstream Appliances:** the number of appliances sold.
  
- **Low Income Energy Efficiency Program**
  - **Appliance Recycling:** the count of customer recycling pick-up incidents. If a homeowner recycles multiple appliances at one pick-up event, it is recorded as a single participant.
  - **EE Kits:** the number of energy savings kits delivered to students' homes or the number of energy savings kits delivered to customer homes.
  - **Home Energy Reports:** the number of customers currently receiving energy usage reports. P4TD participation numbers reflect the total number of customers that participated in the program since the beginning of Phase IV.

- **LI Direct Install:** the number of customers receiving energy saving measures.
  - **New Homes:** the number of new energy efficient homes being built with EnergyStar standards or higher efficiency than the current building code.
  - **Online Audits:** the number of customers that participated in the Online Audit program component.
  - **Residential Downstream Appliances:** the number of appliances sold.
- **C&I Energy Solutions for Business Program – Small:** The count of completed project applications.
  - **C&I Energy Solutions for Business Program – Large:** The count of completed project applications.

**Table 4-1A: EE&C Plan Participation by Program Component – Met-Ed**

Program	Component	PYTD Participation	P4TD Participation
Energy Efficient Homes	EE Kits	42,527	283,378
Energy Efficient Homes	Home Energy Reports	133,345	117,324
Energy Efficient Homes	Multifamily - Res	90	279
Energy Efficient Homes	New Homes	397	3,365
Energy Efficient Homes	Online Audits	1,142	23,321
Energy Efficient Homes	Residential Audit and DI	351	1,932
Energy Efficient Products	Appliance Recycling	2,002	14,909
Energy Efficient Products	Residential Downstream Appliances	1,152	14,856
Energy Efficient Products	Residential Downstream HVAC	1,120	8,412
Energy Efficient Products	Residential Midstream Appliances	4,122	61,256
Low Income Energy Efficiency	Appliance Recycling	88	1,465
Low Income Energy Efficiency	EE Kits	5,881	42,919
Low Income Energy Efficiency	Home Energy Reports	13,510	48,110
Low Income Energy Efficiency	LI Direct Install	1,059	6,519
Low Income Energy Efficiency	New Homes	3	83
Low Income Energy Efficiency	Online Audits	102	2,035
Low Income Energy Efficiency	Residential Downstream Appliances	74	3,179
C&I Energy Solutions for Business - Small	Appliance Recycling	51	218
C&I Energy Solutions for Business - Small	CI Custom	32	111
C&I Energy Solutions for Business - Small	CI EMNC	112	3,489
C&I Energy Solutions for Business - Small	CI Multifamily	4	35
C&I Energy Solutions for Business - Small	CI Prescriptive	239	2,039
C&I Energy Solutions for Business - Large	CI Custom	29	67
C&I Energy Solutions for Business - Large	CI EMNC	18	179
C&I Energy Solutions for Business - Large	CI Prescriptive	155	999
<b>Portfolio Total</b>		<b>207,605</b>	<b>640,479</b>

**Table 4-1B: EE&C Plan Participation by Program Component – Penelec**

SEMI-ANNUAL REPORT TO THE PA PUC – PROGRAM YEAR 17

Program	Component	PYTD Participation	P4TD Participation
Energy Efficient Homes	EE Kits	51,105	282,860
Energy Efficient Homes	Home Energy Reports	116,077	227,269
Energy Efficient Homes	Multifamily - Res	84	456
Energy Efficient Homes	New Homes	76	502
Energy Efficient Homes	Online Audits	2,304	17,616
Energy Efficient Homes	Residential Audit and DI	289	1,674
Energy Efficient Products	Appliance Recycling	1,871	11,393
Energy Efficient Products	Residential Downstream Appliances	3,601	12,258
Energy Efficient Products	Residential Downstream HVAC	566	3,825
Energy Efficient Products	Residential Midstream Appliances	12,837	72,328
Low Income Energy Efficiency	Appliance Recycling	106	1,663
Low Income Energy Efficiency	EE Kits	3,192	38,857
Low Income Energy Efficiency	Home Energy Reports	17,519	33,346
Low Income Energy Efficiency	LI Direct Install	1,340	10,644
Low Income Energy Efficiency	New Homes	3	46
Low Income Energy Efficiency	Online Audits	534	3,406
Low Income Energy Efficiency	Residential Downstream Appliances	69	4,520
C&I Energy Solutions for Business - Small	Appliance Recycling	48	182
C&I Energy Solutions for Business - Small	CI Custom	39	142
C&I Energy Solutions for Business - Small	CI EMNC	102	3,521
C&I Energy Solutions for Business - Small	CI Multifamily	0	66
C&I Energy Solutions for Business - Small	CI Prescriptive	881	4,326
C&I Energy Solutions for Business - Large	CI Custom	47	77
C&I Energy Solutions for Business - Large	CI EMNC	7	81
C&I Energy Solutions for Business - Large	CI Prescriptive	213	968
<b>Portfolio Total</b>		<b>212,910</b>	<b>732,026</b>



**Table 4-1C: EE&C Plan Participation by Program Component – Penn Power**

Program	Component	PYTD Participation	P4TD Participation
Energy Efficient Homes	EE Kits	12,050	77,740
Energy Efficient Homes	Home Energy Reports	61,977	83,220
Energy Efficient Homes	Multifamily - Res	9	161
Energy Efficient Homes	New Homes	330	2,349
Energy Efficient Homes	Online Audits	922	6,230
Energy Efficient Homes	Residential Audit and DI	84	715
Energy Efficient Products	Appliance Recycling	0	3,109
Energy Efficient Products	Residential Downstream Appliances	318	4,484
Energy Efficient Products	Residential Downstream HVAC	198	1,978
Energy Efficient Products	Residential Midstream Appliances	1,439	24,504
Low Income Energy Efficiency	Appliance Recycling	0	345
Low Income Energy Efficiency	EE Kits	0	3,814
Low Income Energy Efficiency	Home Energy Reports	3,030	14,066
Low Income Energy Efficiency	LI Direct Install	0	2,783
Low Income Energy Efficiency	New Homes	0	4
Low Income Energy Efficiency	Online Audits	86	650
Low Income Energy Efficiency	Residential Downstream Appliances	0	1,222
C&I Energy Solutions for Business - Small	Appliance Recycling	0	33
C&I Energy Solutions for Business - Small	CI Custom	14	37
C&I Energy Solutions for Business - Small	CI EMNC	7	266
C&I Energy Solutions for Business - Small	CI Multifamily	1	12
C&I Energy Solutions for Business - Small	CI Prescriptive	321	1,067
C&I Energy Solutions for Business - Large	CI Custom	3	16
C&I Energy Solutions for Business - Large	CI EMNC	2	37
C&I Energy Solutions for Business - Large	CI Prescriptive	36	254
<b>Portfolio Total</b>		<b>80,827</b>	<b>229,096</b>

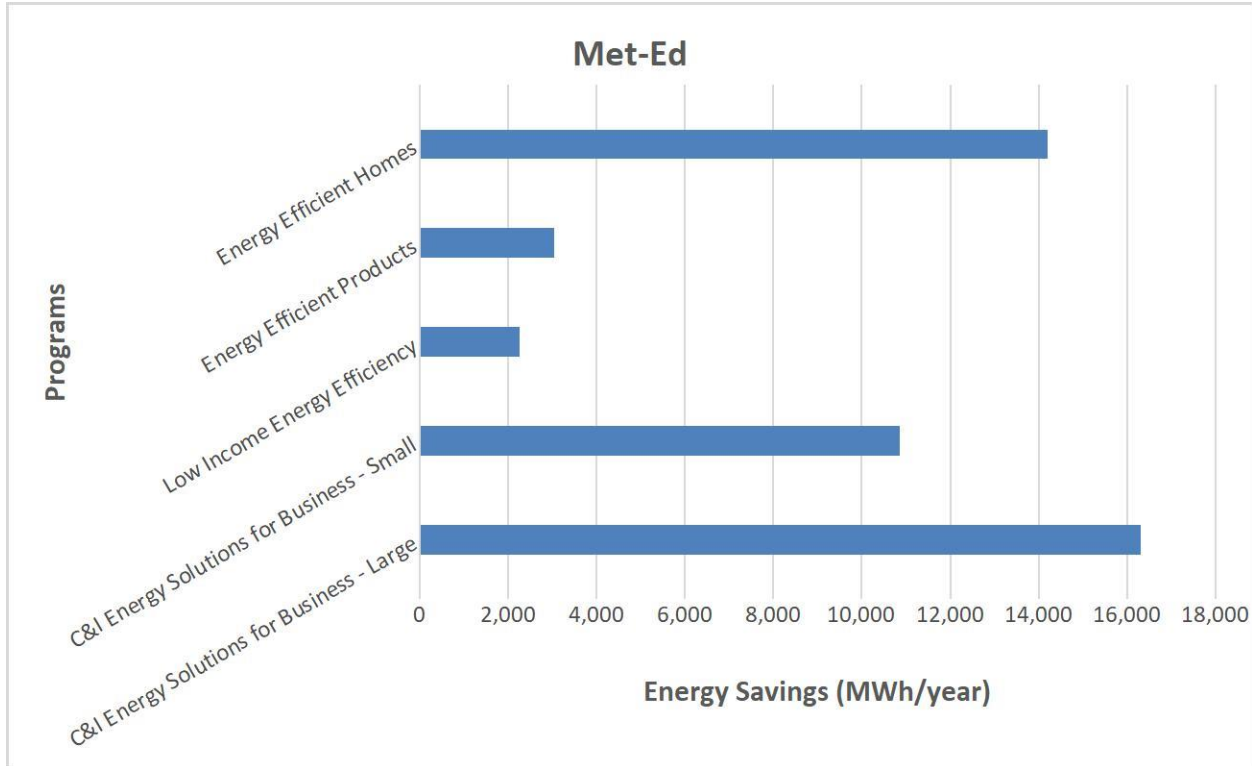
**Table 4-1D: EE&C Plan Participation by Program Component – West Penn Power**

Program	Component	PYTD Participation	P4TD Participation
Energy Efficient Homes	EE Kits	60,314	297,644
Energy Efficient Homes	Home Energy Reports	153,946	298,354
Energy Efficient Homes	Multifamily - Res	153	942
Energy Efficient Homes	New Homes	581	4,114
Energy Efficient Homes	Online Audits	2,472	22,879
Energy Efficient Homes	Residential Audit and DI	379	2,079
Energy Efficient Products	Appliance Recycling	1,929	14,847
Energy Efficient Products	Residential Downstream Appliances	5,648	20,247
Energy Efficient Products	Residential Downstream HVAC	1,497	9,064
Energy Efficient Products	Residential Midstream Appliances	15,063	66,985
Low Income Energy Efficiency	Appliance Recycling	103	1,486
Low Income Energy Efficiency	EE Kits	8,075	50,822
Low Income Energy Efficiency	Home Energy Reports	25,586	40,962
Low Income Energy Efficiency	LI Direct Install	697	8,603
Low Income Energy Efficiency	New Homes	1	5
Low Income Energy Efficiency	Online Audits	338	2,200
Low Income Energy Efficiency	Residential Downstream Appliances	75	3,827
C&I Energy Solutions for Business - Small	Appliance Recycling	20	168
C&I Energy Solutions for Business - Small	CI Custom	19	132
C&I Energy Solutions for Business - Small	CI EMNC	47	1,045
C&I Energy Solutions for Business - Small	CI Multifamily	5	102
C&I Energy Solutions for Business - Small	CI Prescriptive	745	4,021
C&I Energy Solutions for Business - Large	Appliance Recycling	0	1
C&I Energy Solutions for Business - Large	CI Custom	21	53
C&I Energy Solutions for Business - Large	CI EMNC	9	116
C&I Energy Solutions for Business - Large	CI Prescriptive	168	986
<b>Portfolio Total</b>		<b>277,891</b>	<b>851,684</b>

## Section 5 Summary of Energy Impacts by Program

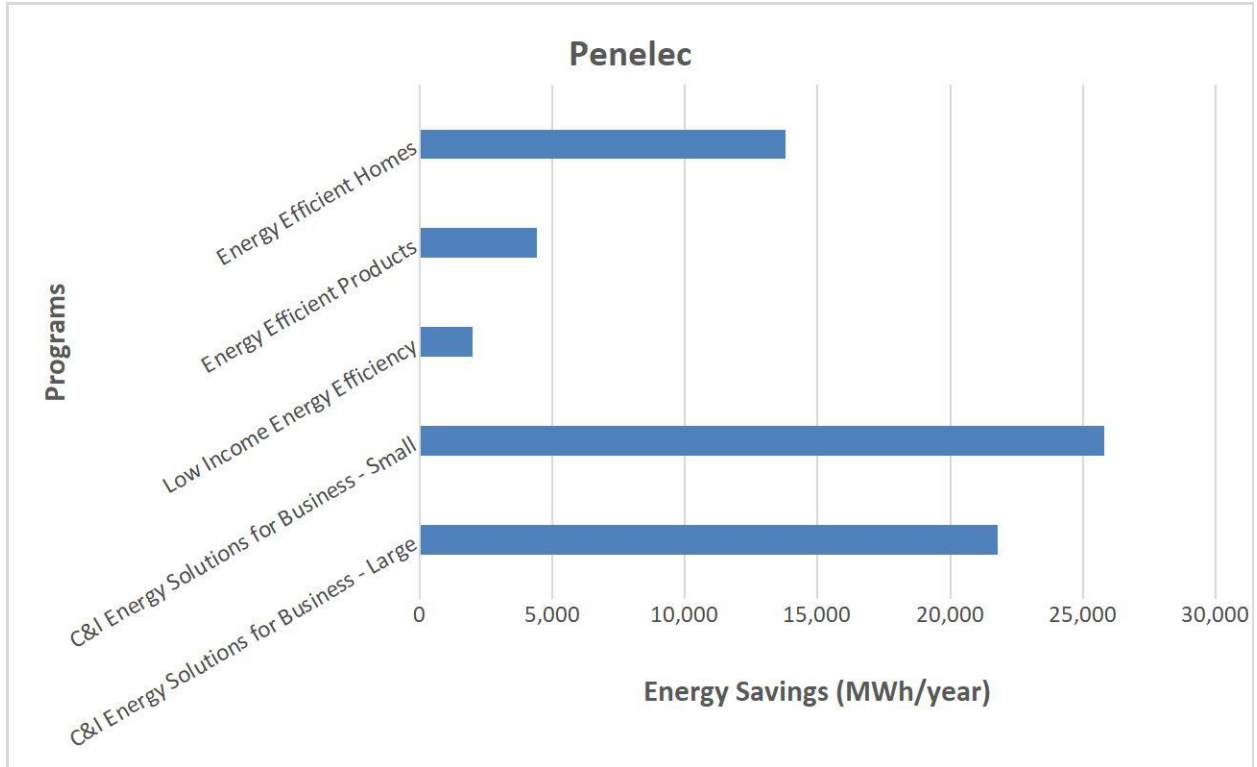
**Figure 5A-5D** presents a summary of the PYTD reported gross energy savings by program for Program Year 17. The energy impacts in this report are presented at the meter level and do not reflect adjustments for transmission and distribution losses.<sup>4</sup>

**Figure 5A: PYTD Reported Gross Energy Savings by Program - Met-Ed**



<sup>4</sup> Results for the Small & Large Energy Solutions for Business programs include GNI customers who participated in these programs.

**Figure 5B: PYTD Reported Gross Energy Savings by Program – Penelec**



**Figure 5C: PYTD Reported Gross Energy Savings by Program – Penn Power**

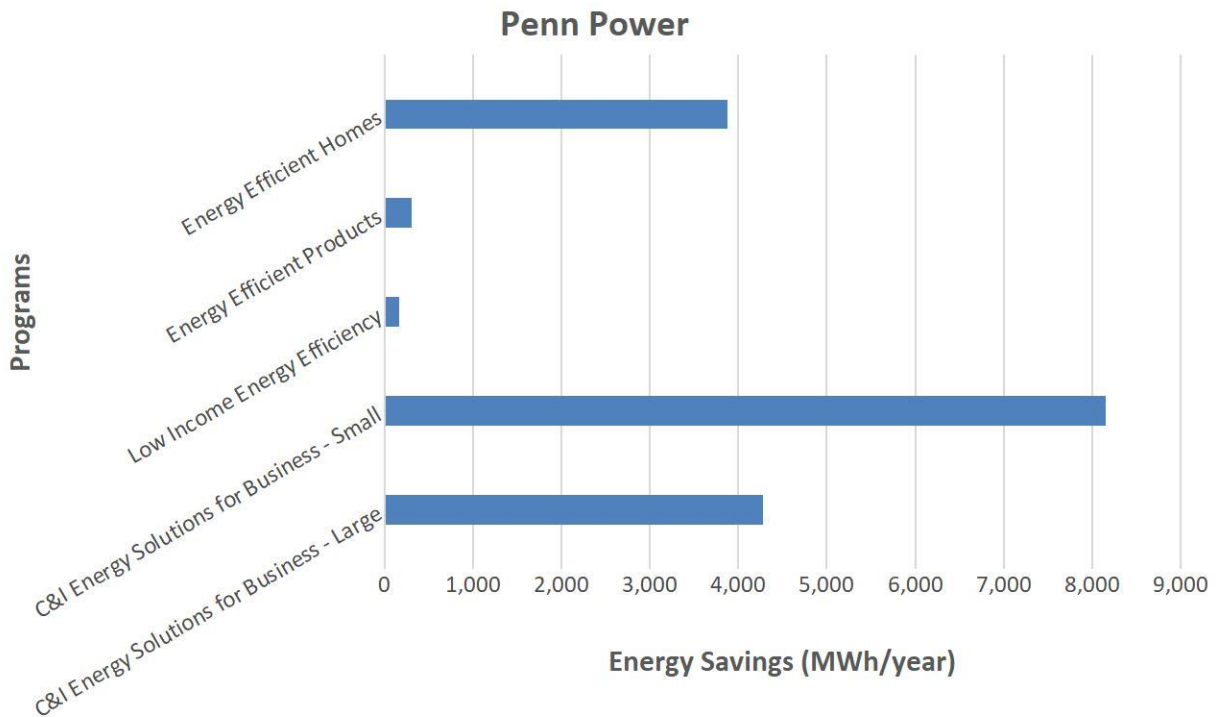


Figure 5D: PYTD Reported Gross Energy Savings by Program - West Penn Power

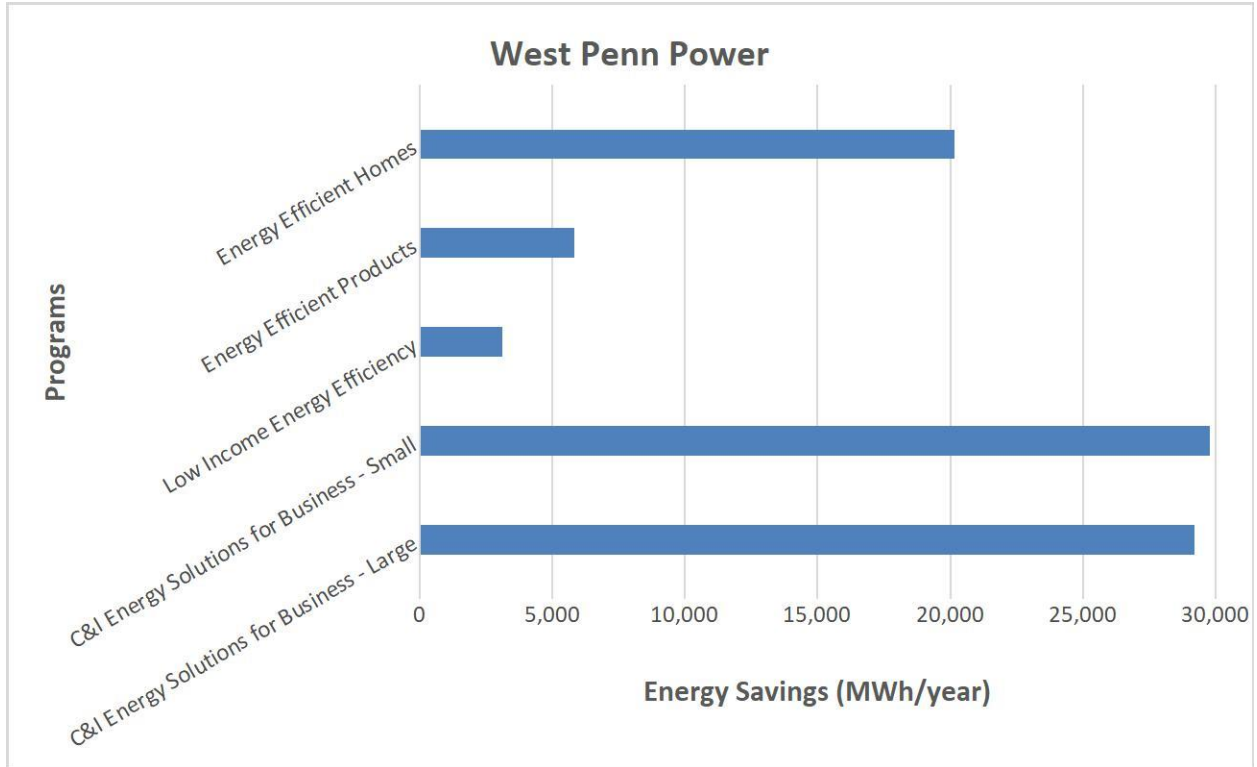
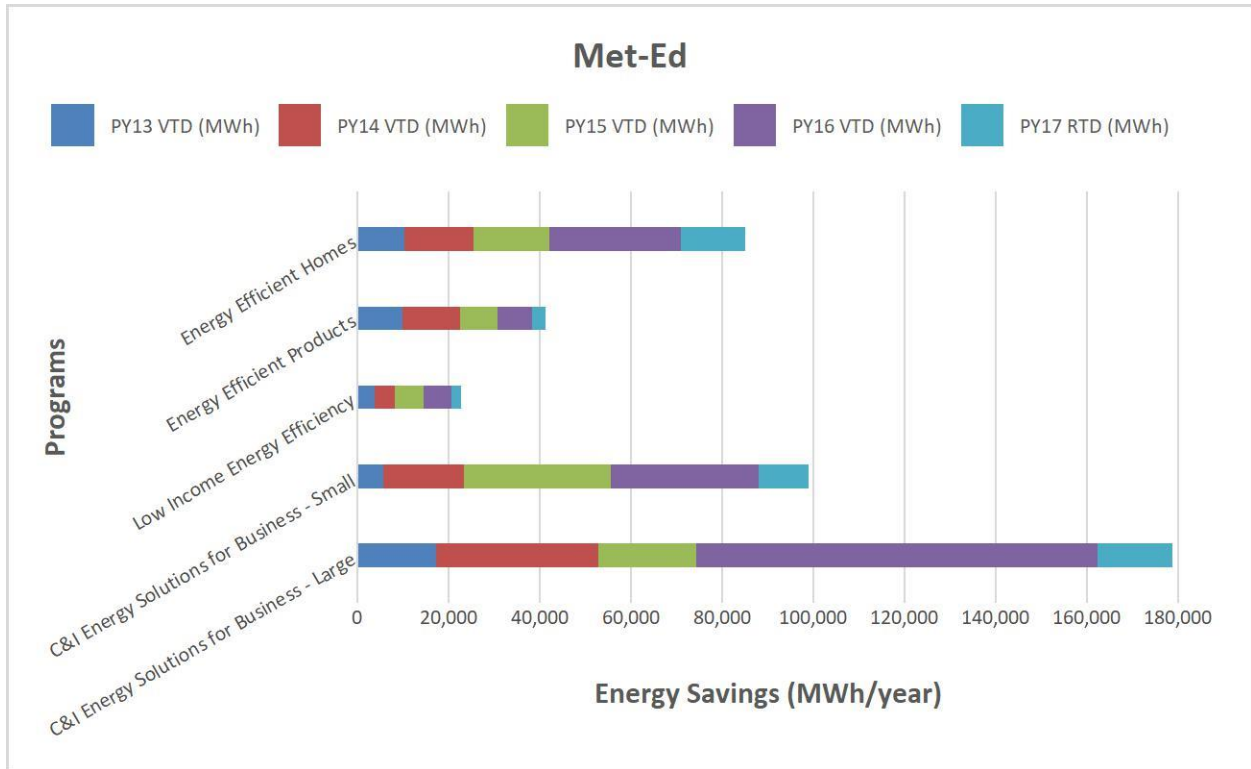


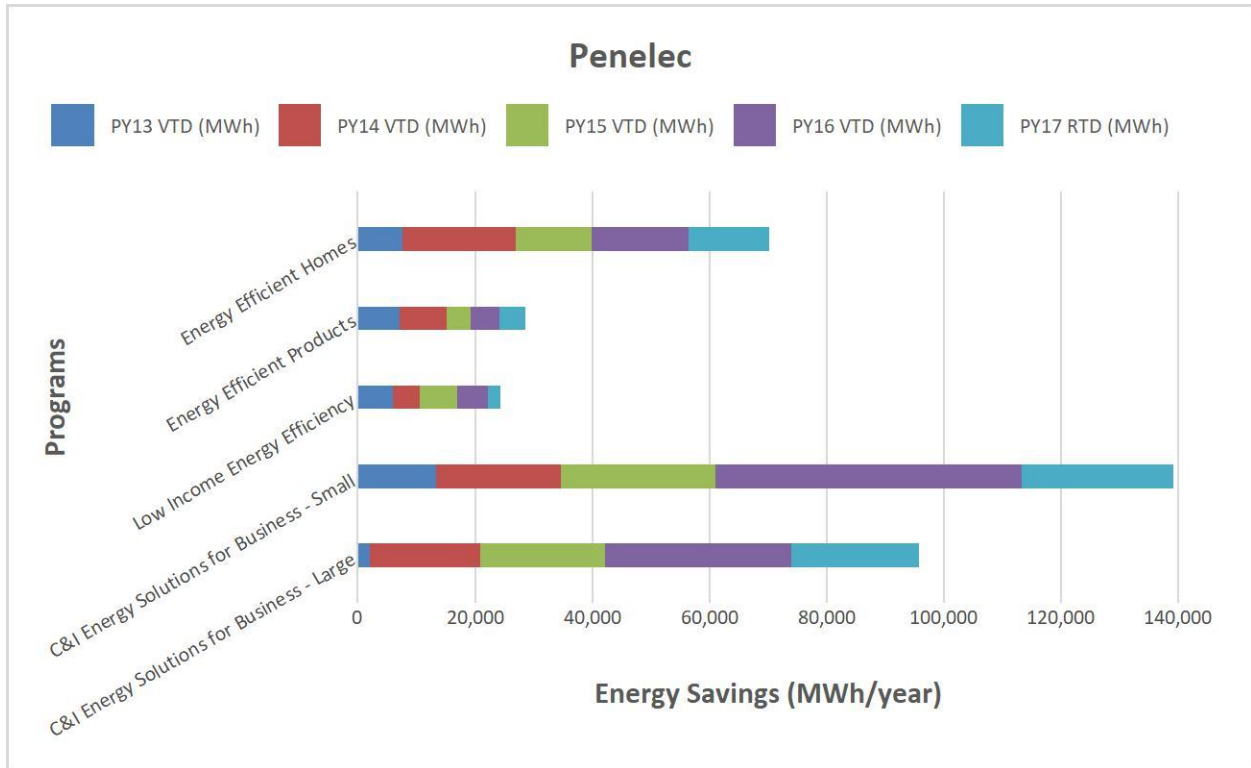
Figure 6A-6D presents a summary of the PSA gross energy savings by program for Phase IV of Act 129. PSA savings include verified gross savings from previous program years and the PYTD savings from the current program year.<sup>5</sup>

**Figure 6A: PSA Energy Savings by Program for Phase IV – Met-Ed**

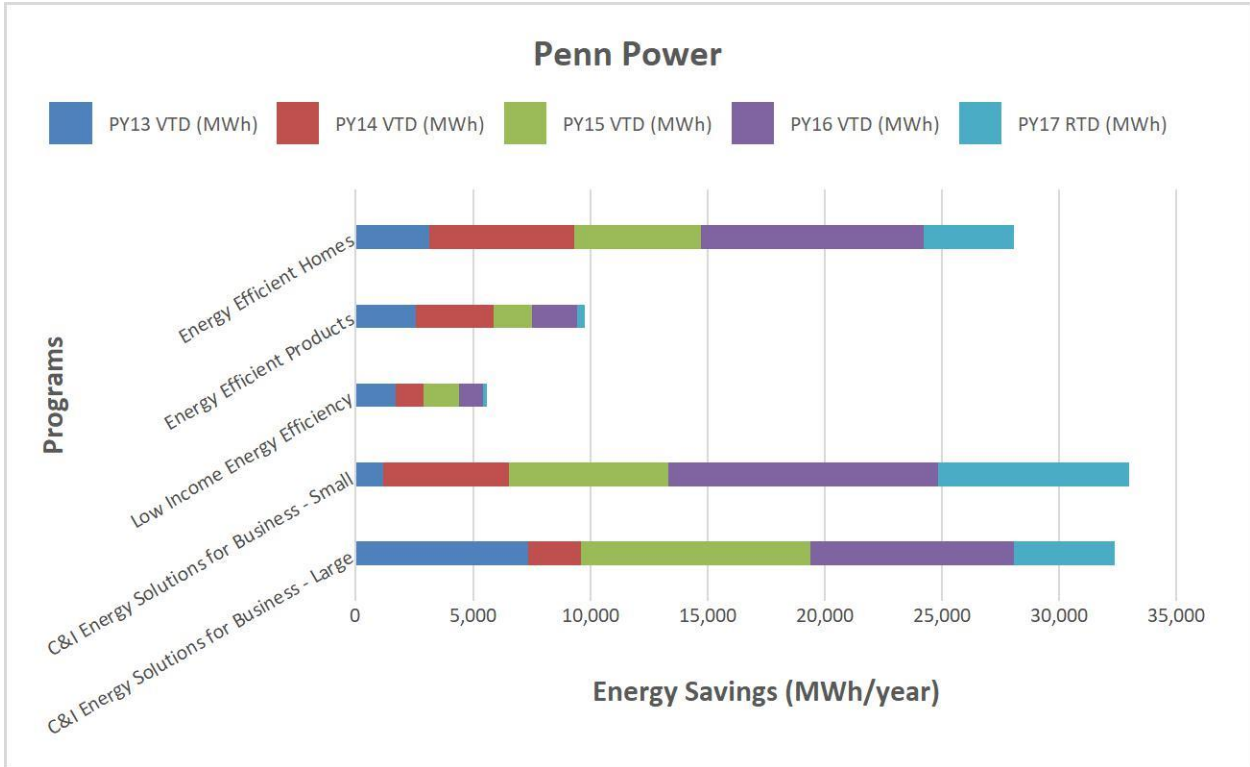


<sup>5</sup> Results for the Small & Large Energy Solutions for Business programs include GNI customers who participated in these programs.

**Figure 6B: PSA Energy Savings by Program for Phase IV – Penelec**



**Figure 6C: PSA Energy Savings by Program for Phase IV – Penn Power**



**Figure 6D: PSA Energy Savings by Program for Phase IV – West Penn Power**

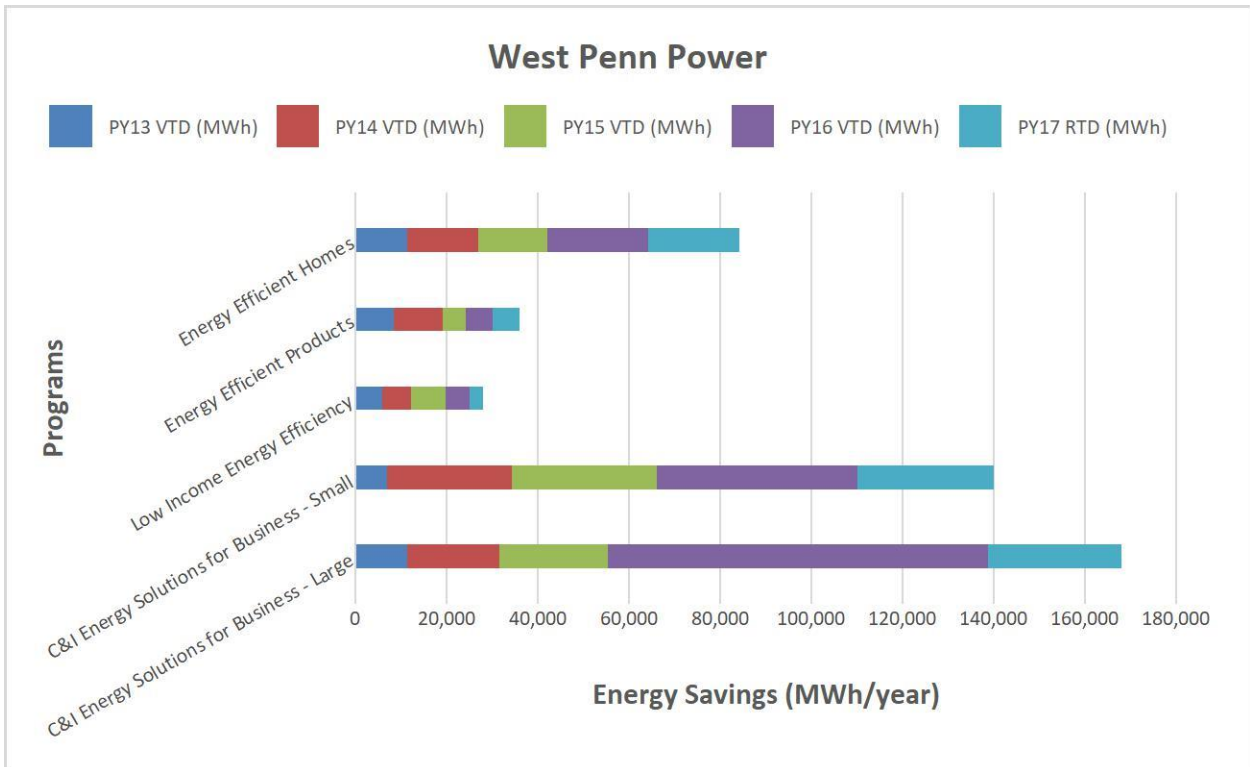




Table 5-1<sup>6</sup> presents a summary of energy impacts by program through the current reporting period.

**Table 5-1: Energy Savings by Program (MWh/Year)**

Utility	Program	PYRTD	RTD	VTD	PSA
<b>Met-Ed</b>	Energy Efficient Homes	14,202	96,327	70,870	85,072
	Energy Efficient Products	3,043	37,188	38,154	41,198
	Low Income Energy Efficiency	2,259	21,679	20,449	22,708
	C&I Energy Solutions for Business - Small	10,867	98,968	87,983	98,851
	C&I Energy Solutions for Business - Large	16,311	177,286	162,455	178,766
	<b>Portfolio Total</b>	<b>46,681</b>	<b>431,448</b>	<b>379,912</b>	<b>426,594</b>
<b>Penelec</b>	Energy Efficient Homes	13,799	81,978	56,415	70,214
	Energy Efficient Products	4,431	27,549	24,101	28,532
	Low Income Energy Efficiency	2,006	22,540	22,258	24,264
	C&I Energy Solutions for Business - Small	25,792	144,696	113,374	139,166
	C&I Energy Solutions for Business - Large	21,784	97,917	74,062	95,846
	<b>Portfolio Total</b>	<b>67,811</b>	<b>374,681</b>	<b>290,211</b>	<b>358,022</b>
<b>Penn Power</b>	Energy Efficient Homes	3,873	29,532	24,220	28,093
	Energy Efficient Products	306	9,360	9,453	9,759
	Low Income Energy Efficiency	171	6,226	5,427	5,599
	C&I Energy Solutions for Business - Small	8,156	35,241	24,833	32,989
	C&I Energy Solutions for Business - Large	4,280	33,488	28,089	32,369
	<b>Portfolio Total</b>	<b>16,787</b>	<b>113,847</b>	<b>92,022</b>	<b>108,809</b>
<b>West Penn Power</b>	Energy Efficient Homes	20,172	108,403	64,107	84,280
	Energy Efficient Products	5,830	33,827	30,091	35,921
	Low Income Energy Efficiency	3,128	27,296	24,890	28,018
	C&I Energy Solutions for Business - Small	29,795	137,899	110,175	139,970
	C&I Energy Solutions for Business - Large	29,199	164,331	138,743	167,942
	<b>Portfolio Total</b>	<b>88,125</b>	<b>471,756</b>	<b>368,007</b>	<b>456,132</b>

<sup>6</sup> Results for the Small & Large Energy Solutions for Business programs include GNI customers who participated in these programs.

## Section 6 Summary of Peak Demand Impacts by Program

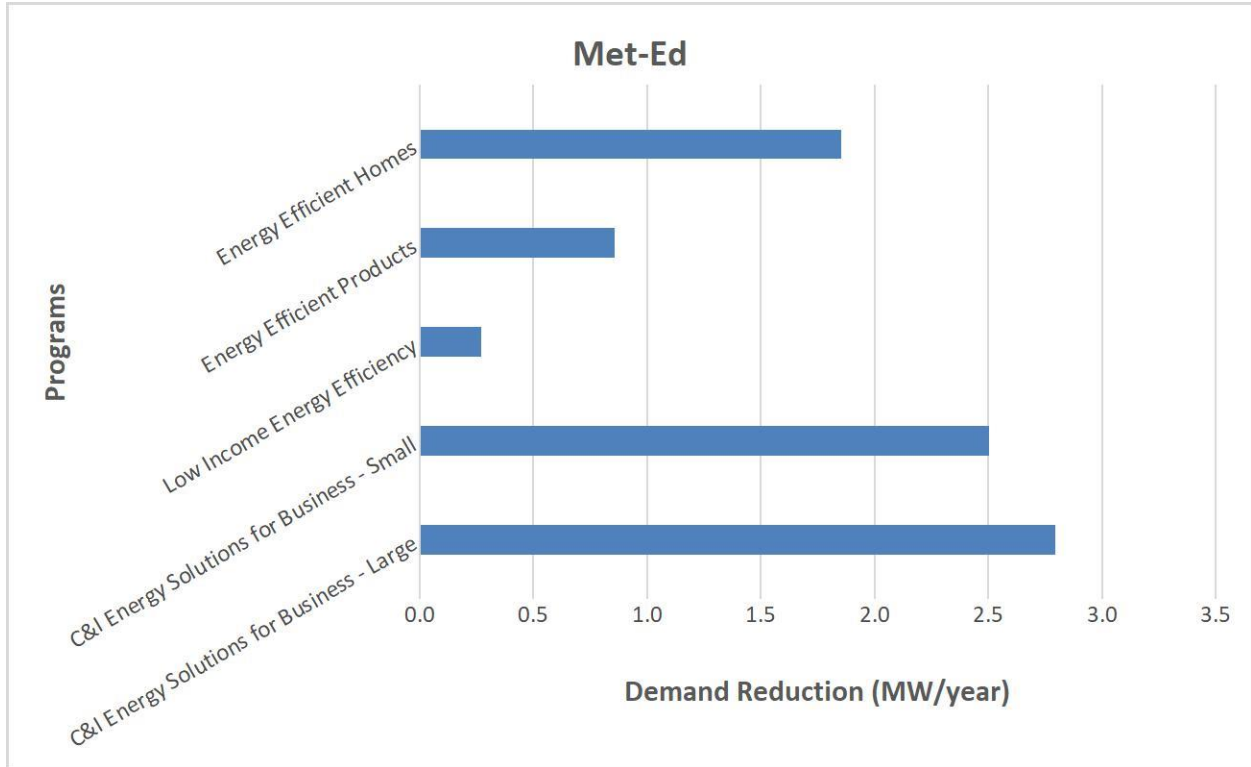
Act 129 defines peak demand reduction from energy efficiency as the average expected reduction in electric demand from 2:00 p.m. to 6:00 p.m. EDT on non-holiday weekdays from June to August. The peak demand impacts from energy efficiency in this report are presented at the system level, meaning they reflect adjustments for transmission and distribution losses. The FirstEnergy EDCs use the line loss factors by sector presented in Table 6-1.

**Table 6-1: Line Loss Factors by EDC**

EDC	Residential	Small C&I	Large C&I
<b>Met-Ed</b>	1.0945	1.0720	1.0720
<b>Penelec</b>	1.0945	1.0720	1.0720
<b>Penn Power</b>	1.0949	1.0545	1.0545
<b>West Penn Power</b>	1.0943	1.0790	1.0790

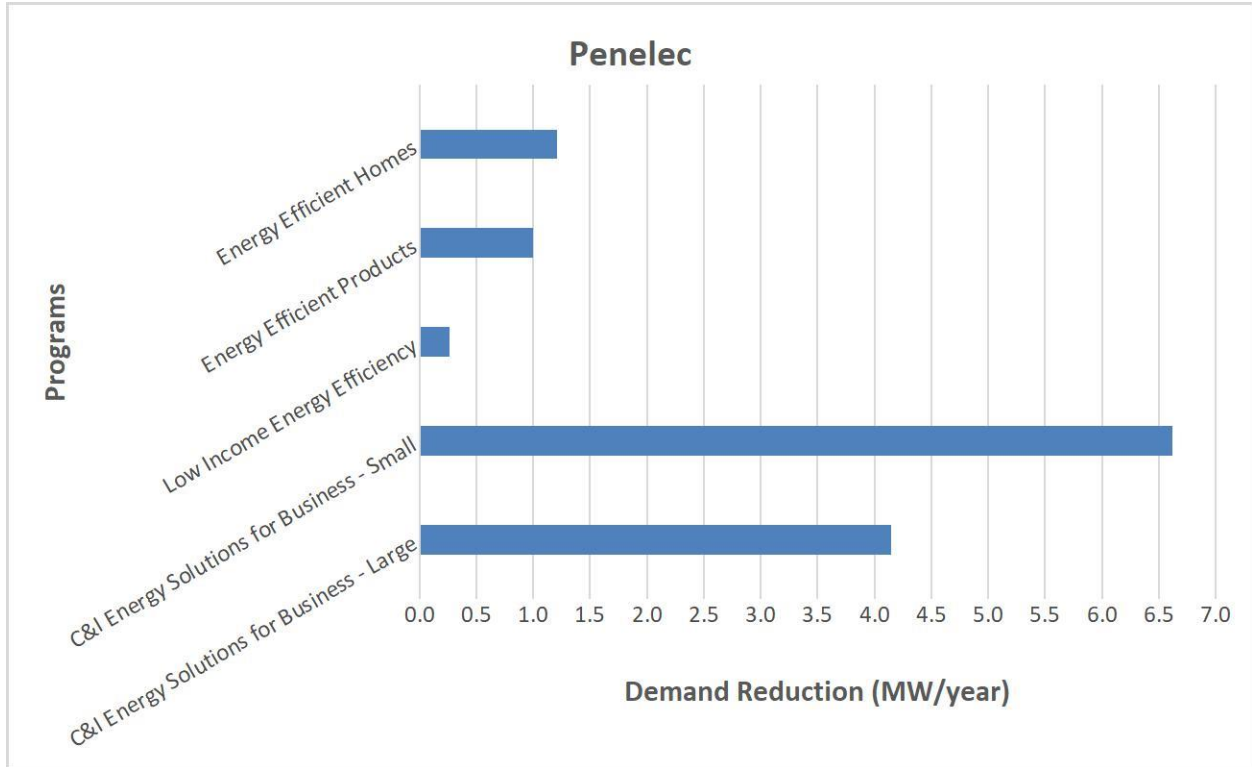
Figure 7A-7D present a summary of the PYRTD reported gross peak demand reduction by energy efficiency program for Program Year 17.<sup>7</sup>

**Figure 7A: PYRTD Gross Peak Demand Reduction by Program - Met-Ed**



<sup>7</sup> Results for the Small & Large Energy Solutions for Business programs include GNI customers who participated in these programs.

**Figure 7B: PYRTD Gross Peak Demand Reduction by Program – Penelec**



**Figure 7C: PYRTD Gross Peak Demand Reduction by Program - Penn Power**

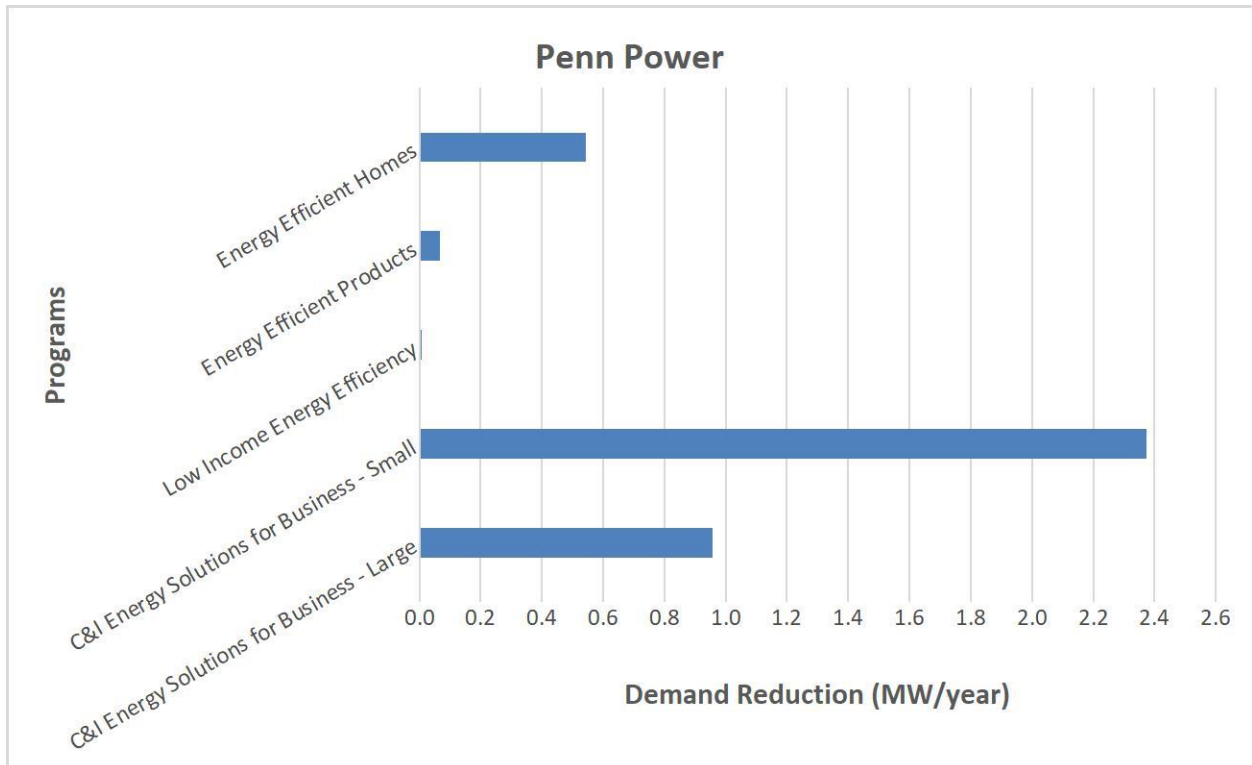
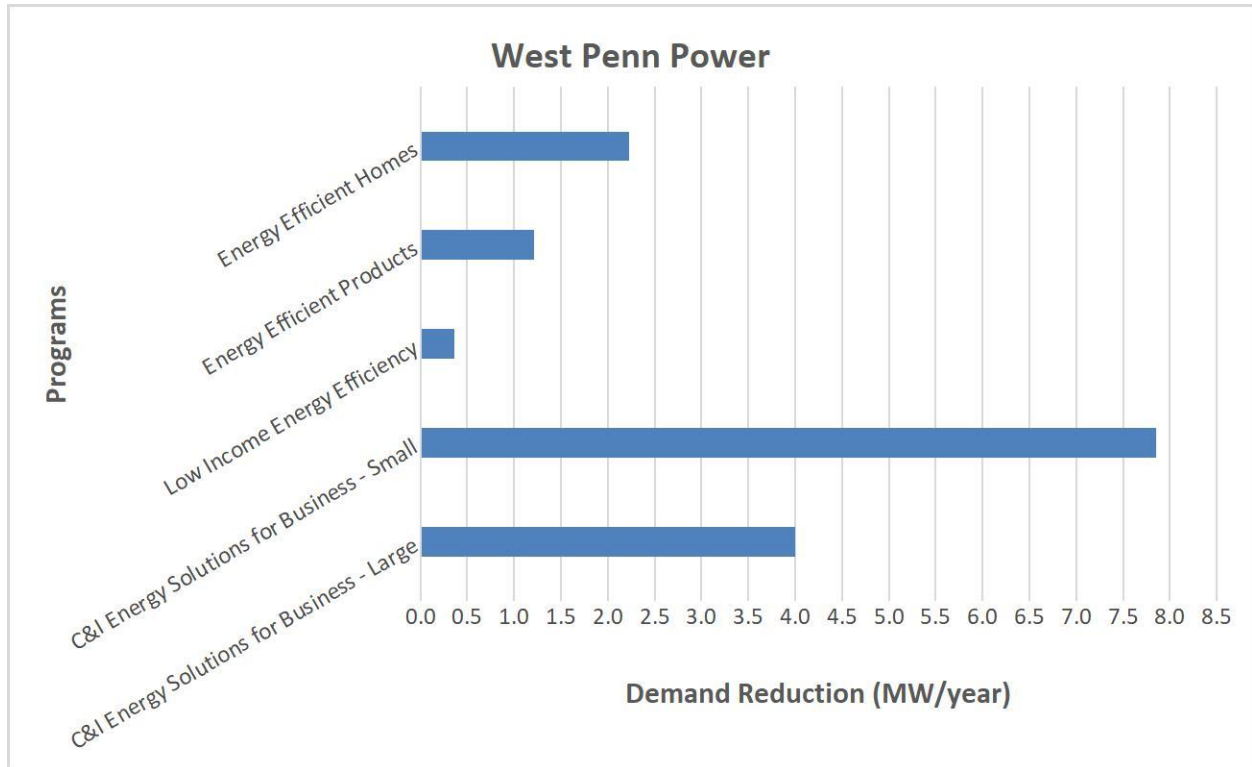
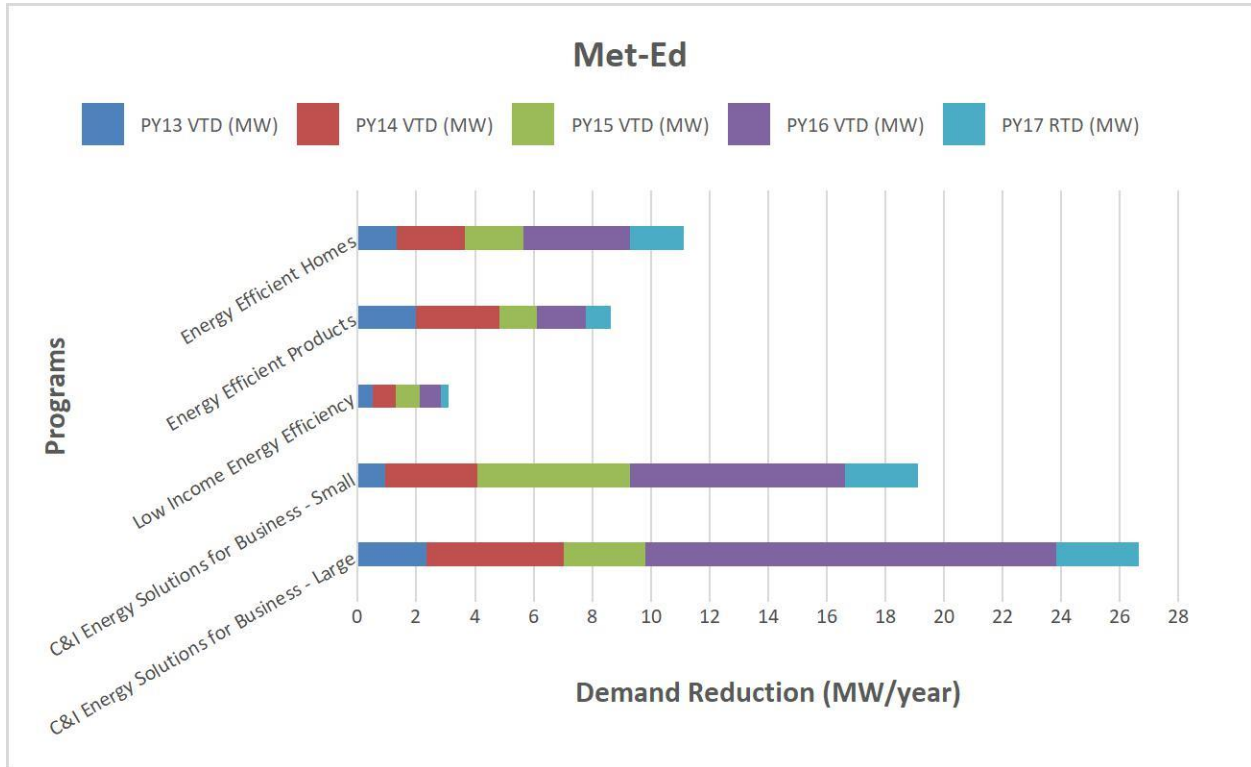


Figure 7D: PYRTD Gross Peak Demand Reduction by Program - West Penn Power



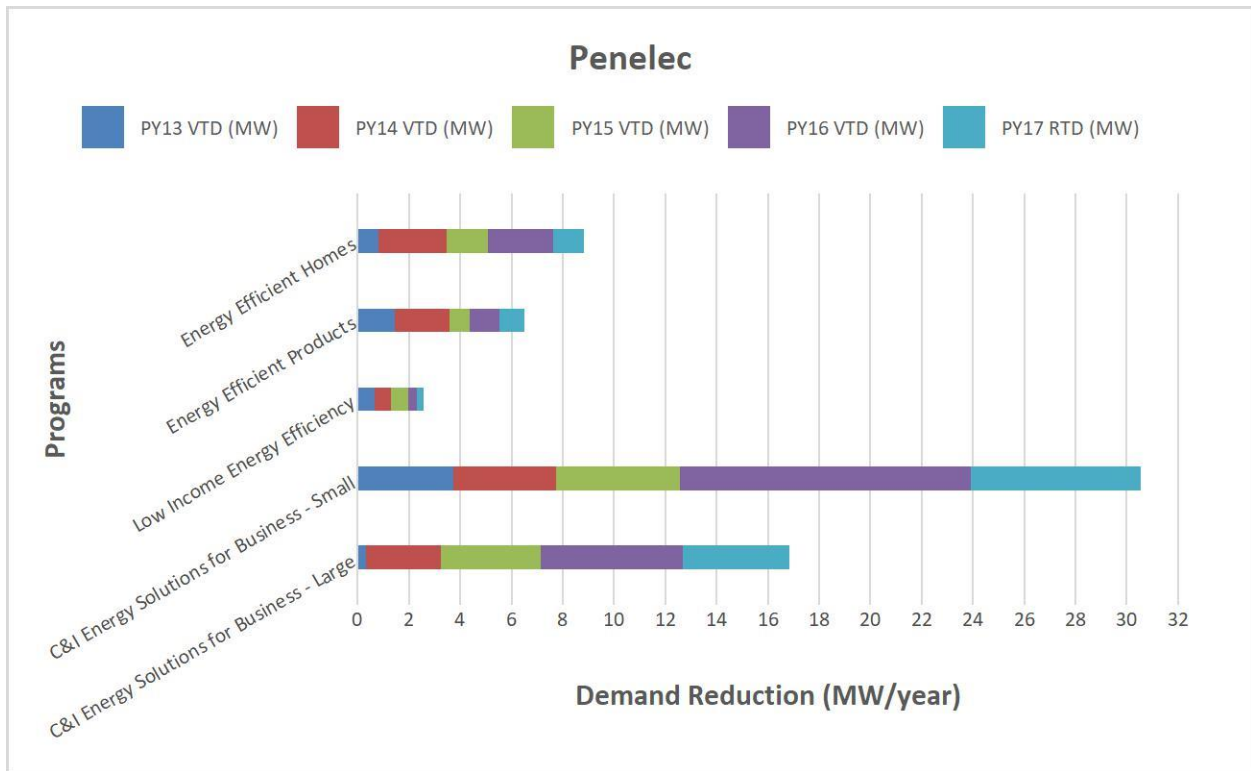
**Figure 8A-8D** a summary of the PSA gross peak demand reduction by energy efficiency program for Phase IV of Act 129.<sup>8</sup>

**Figure 8A: PSA Gross Peak Demand Reduction by Energy Efficiency Program for Phase IV - Met-Ed**

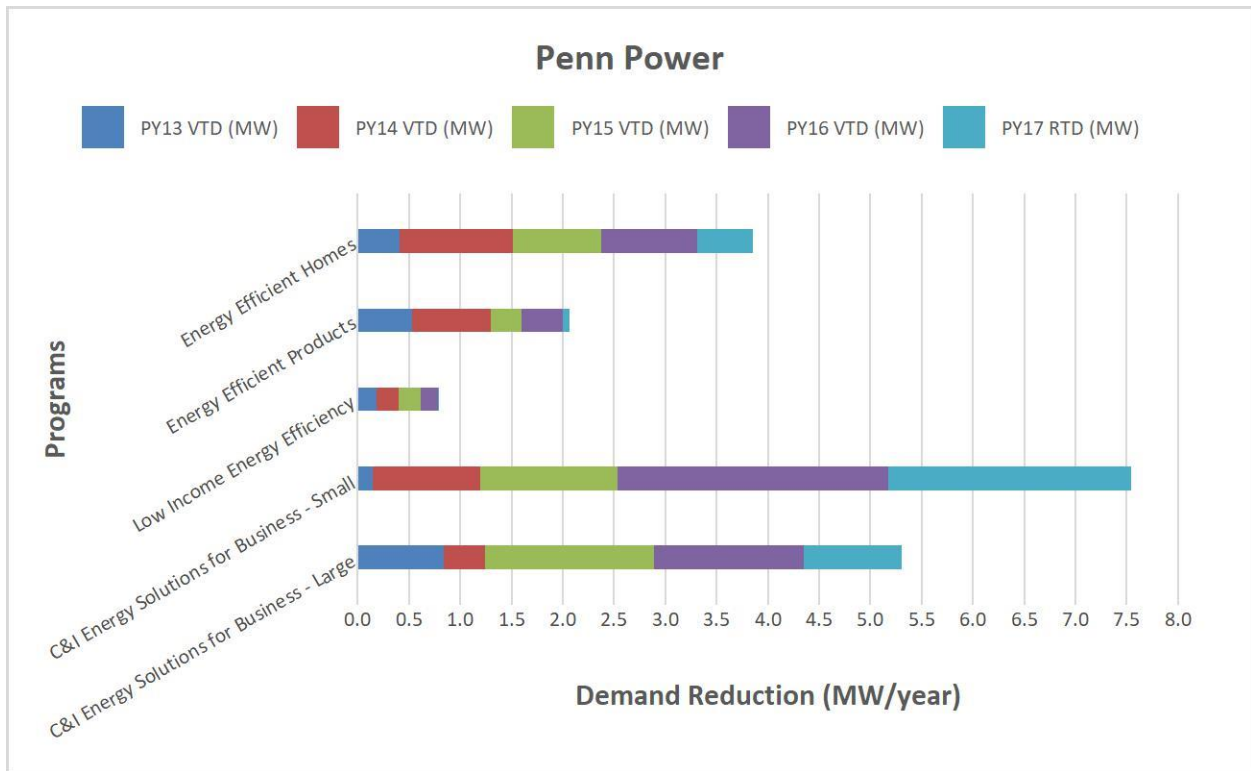


<sup>8</sup> Results for the Small & Large Energy Solutions for Business programs include GNI customers who participated in these programs.

**Figure 8B: PSA Gross Peak Demand Reduction by Energy Efficiency Program for Phase IV – Penelec**



**Figure 8C: PSA Gross Peak Demand Reduction by Energy Efficiency Program for Phase IV – Penn Power**





**Figure 8D: PSA Gross Peak Demand Reduction by Energy Efficiency Program for Phase IV – West Penn Power**

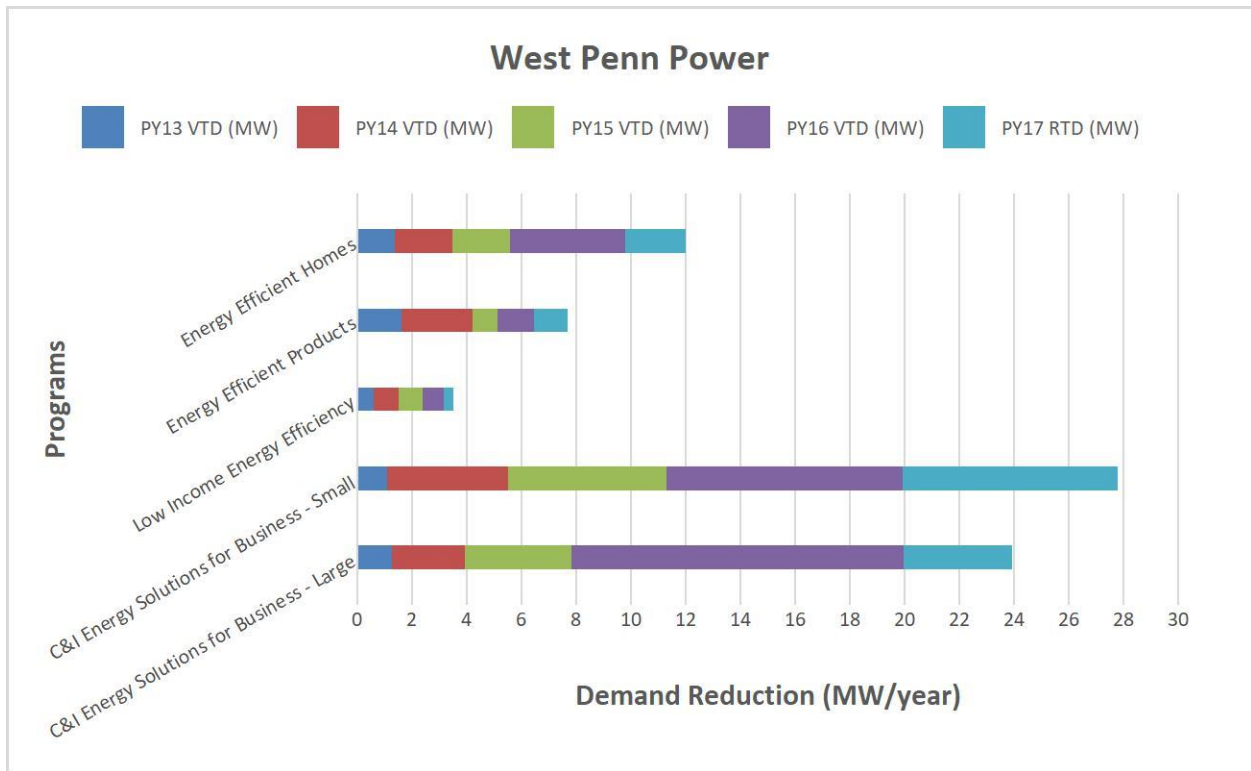


Table 6-2 presents a summary of the peak demand impacts by program through the current reporting period.

**Table 6-2: Peak Demand Reduction by Program (MW/Year)<sup>9</sup>**

Utility	Program	PYRTD	RTD	VTD	PSA
<b>Met-Ed</b>	Energy Efficient Homes	1.85	17.37	9.29	11.14
	Energy Efficient Products	0.86	8.34	7.80	8.65
	Low Income Energy Efficiency	0.27	3.23	2.82	3.10
	C&I Energy Solutions for Business - Small	2.50	20.11	16.63	19.13
	C&I Energy Solutions for Business - Large	2.79	26.68	23.85	26.65
	<b>Portfolio Total</b>	<b>8.28</b>	<b>75.72</b>	<b>60.39</b>	<b>68.67</b>
<b>Penelec</b>	Energy Efficient Homes	1.21	11.58	7.61	8.82
	Energy Efficient Products	1.00	6.46	5.51	6.51
	Low Income Energy Efficiency	0.27	2.78	2.30	2.57
	C&I Energy Solutions for Business - Small	6.62	33.40	23.92	30.54
	C&I Energy Solutions for Business - Large	4.15	18.54	12.67	16.82
	<b>Portfolio Total</b>	<b>13.25</b>	<b>72.76</b>	<b>52.01</b>	<b>65.26</b>
<b>Penn Power</b>	Energy Efficient Homes	0.54	5.83	3.31	3.85
	Energy Efficient Products	0.07	2.05	2.00	2.07
	Low Income Energy Efficiency	0.01	1.08	0.78	0.79
	C&I Energy Solutions for Business - Small	2.37	8.06	5.17	7.55
	C&I Energy Solutions for Business - Large	0.96	5.42	4.35	5.31
	<b>Portfolio Total</b>	<b>3.95</b>	<b>22.43</b>	<b>15.61</b>	<b>19.56</b>
<b>West Penn Power</b>	Energy Efficient Homes	2.22	19.99	9.79	12.01
	Energy Efficient Products	1.21	7.59	6.46	7.67
	Low Income Energy Efficiency	0.36	3.62	3.14	3.50
	C&I Energy Solutions for Business - Small	7.85	29.82	19.94	27.79
	C&I Energy Solutions for Business - Large	4.00	25.23	19.95	23.95
	<b>Portfolio Total</b>	<b>15.64</b>	<b>86.25</b>	<b>59.28</b>	<b>74.92</b>

<sup>9</sup> Results for the Small & Large Energy Solutions for Business programs include GNI customers who participated in these programs.

## Section 7 Summary of Finances

This section provides an overview of the expenditures associated with the FirstEnergy EDCs' portfolios and the recovery of those costs from ratepayers.

### 7.1 PROGRAM FINANCIALS

Program-specific and portfolio total finances for PY17 are shown in Table 7-1A to 7-1D.<sup>10</sup> The columns in these tables are adapted from the list of "Program Cost Elements" in the Commission's EE&C Plan template<sup>11</sup> for Phase IV. Thus far in PY17, 59% of Met-Ed, 61% of Penelec, 64% of Penn Power, and 62% of West Penn Power's EE&C Plan expenditures have been incentives to participants and trade allies.

- Incentives include rebates, point-of-sale "buydowns", kits, and direct installation materials and labor.
- EDC Materials, Labor, and Administration include costs associated with an EDC's own employees.
- ICSP Materials, Labor, and Administration include both the program implementation contractor and the costs of any other outside vendors an EDC employs to support program delivery.

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<sup>10</sup> Results for the Small & Large Energy Solutions for Business programs include GNI customers who participated in these programs. Statewide Evaluation costs are outside of the 2% spending cap.

<sup>11</sup> <https://www.puc.pa.gov/pcdocs/1676672.docx>

**Table 7-1A: Program Year to Date Financials – Met-Ed**

<b>Program</b>	<b>Incentives to Participants and Trade Allies</b>	<b>EDC Materials, Labor, and Administration</b>	<b>ICSP Materials, Labor, and Administration</b>	<b>EM&amp;V</b>	<b>Total EDC Cost</b>
<i>Energy Efficient Homes</i>	\$1,951,286	\$49,007	\$1,184,400	\$46,758	\$3,231,451
<i>Energy Efficient Products</i>	\$389,748	\$43,504	\$555,455	\$25,370	\$1,014,077
<i>Low Income Energy Efficiency</i>	\$1,388,264	\$38,605	\$297,906	\$14,819	\$1,739,595
<i>C&amp;I Energy Solutions for Business - Small</i>	\$1,126,103	\$92,565	\$603,499	\$117,103	\$1,939,269
<i>C&amp;I Energy Solutions for Business - Large</i>	\$1,640,454	\$115,426	\$1,302,071	\$166,093	\$3,224,043
<i>Common Portfolio Costs</i>					\$0
<i>Total Portfolio</i>	\$6,495,855	\$339,106	\$3,943,331	\$370,144	\$11,148,435
<i>SWE Costs<sup>5</sup></i>	\$0	\$0	\$0	\$0	\$168,960
<i>Total</i>	\$6,495,855	\$339,106	\$3,943,331	\$370,144	\$11,317,395

**Table 7-1B: Program Year to Date Financials – Penelec**

<b>Program</b>	<b>Incentives to Participants and Trade Allies</b>	<b>EDC Materials, Labor, and Administration</b>	<b>ICSP Materials, Labor, and Administration</b>	<b>EM&amp;V</b>	<b>Total EDC Cost</b>
<i>Energy Efficient Homes</i>	\$1,787,198	\$40,954	\$707,672	\$33,528	\$2,569,352
<i>Energy Efficient Products</i>	\$765,478	\$42,595	\$653,361	\$25,171	\$1,486,605
<i>Low Income Energy Efficiency</i>	\$1,641,098	\$43,617	\$394,102	\$16,154	\$2,094,971
<i>C&amp;I Energy Solutions for Business - Small</i>	\$2,717,169	\$109,436	\$951,645	\$130,288	\$3,908,538
<i>C&amp;I Energy Solutions for Business - Large</i>	\$2,286,164	\$90,143	\$1,402,809	\$122,615	\$3,901,732
<i>Common Portfolio Costs</i>					\$0
<i>Total Portfolio</i>	\$9,197,107	\$326,746	\$4,109,589	\$327,756	\$13,961,198
<i>SWE Costs<sup>5</sup></i>	\$0	\$0	\$0	\$0	\$153,120
<i>Total</i>	\$9,197,107	\$326,746	\$4,109,589	\$327,756	\$14,114,318

**Table 7-1C: Program Year to Date Financials – Penn Power**

<b>Program</b>	<b>Incentives to Participants and Trade Allies</b>	<b>EDC Materials, Labor, and Administration</b>	<b>ICSP Materials, Labor, and Administration</b>	<b>EM&amp;V</b>	<b>Total EDC Cost</b>
<i>Energy Efficient Homes</i>	\$701,632	\$21,992	\$244,743	\$17,317	\$985,683
<i>Energy Efficient Products</i>	\$62,745	\$16,971	\$40,767	\$7,400	\$127,883
<i>Low Income Energy Efficiency</i>	\$32,809	\$14,178	\$20,933	\$5,537	\$73,456
<i>C&amp;I Energy Solutions for Business - Small</i>	\$780,966	\$33,313	\$263,056	\$33,285	\$1,110,620
<i>C&amp;I Energy Solutions for Business - Large</i>	\$558,280	\$27,568	\$281,843	\$30,986	\$898,677
<i>Common Portfolio Costs</i>					\$0
<i>Total Portfolio</i>	\$2,136,431	\$114,021	\$851,341	\$94,525	\$3,196,319
<i>SWE Costs<sup>5</sup></i>	\$0	\$0	\$0	\$0	\$47,520
<i>Total</i>	\$2,136,431	\$114,021	\$851,341	\$94,525	\$3,243,839

**Table 7-1D: Program Year to Date Financials - West Penn Power**

<b>Program</b>	<b>Incentives to Participants and Trade Allies</b>	<b>EDC Materials, Labor, and Administration</b>	<b>ICSP Materials, Labor, and Administration</b>	<b>EM&amp;V</b>	<b>Total EDC Cost</b>
<i>Energy Efficient Homes</i>	\$2,585,925	\$54,938	\$1,077,863	\$54,479	\$3,773,206
<i>Energy Efficient Products</i>	\$1,045,977	\$51,164	\$798,308	\$30,765	\$1,926,214
<i>Low Income Energy Efficiency</i>	\$1,239,754	\$39,264	\$300,903	\$15,740	\$1,595,661
<i>C&amp;I Energy Solutions for Business - Small</i>	\$2,882,157	\$43,523	(\$373,530)	\$107,099	\$2,659,249
<i>C&amp;I Energy Solutions for Business - Large</i>	\$2,866,614	\$130,325	\$1,119,286	\$127,591	\$4,243,816
<i>Common Portfolio Costs</i>					\$0
<i>Total Portfolio</i>	\$10,620,427	\$319,215	\$2,922,830	\$335,674	\$14,198,146
<i>SWE Costs<sup>5</sup></i>	\$0	\$0	\$0	\$0	\$158,400
<i>Total</i>	\$10,620,427	\$319,215	\$2,922,830	\$335,674	\$14,356,546

Program-specific and portfolio total finances since the inception of Phase IV are shown in Table 7-2A to 7-2D.<sup>12</sup>

**Table 7-2A: Phase IV to Date Financials – Met-Ed**

Program	Incentives to Participants and Trade Allies	EDC Materials, Labor, and Administration	ICSP Materials, Labor, and Administration	EM&V	Total EDC Cost
<i>Energy Efficient Homes</i>	\$12,969,185	\$717,180	\$4,885,732	\$574,092	\$19,146,189
<i>Energy Efficient Products</i>	\$6,094,472	\$634,389	\$4,960,193	\$400,292	\$12,089,346
<i>Low Income Energy Efficiency</i>	\$8,706,235	\$502,308	\$2,205,176	\$308,559	\$11,722,278
<i>C&amp;I Energy Solutions for Business - Small</i>	\$19,806,795	\$1,092,988	\$5,937,422	\$1,033,319	\$27,870,524
<i>C&amp;I Energy Solutions for Business - Large</i>	\$10,939,448	\$1,360,932	\$8,066,690	\$1,291,490	\$21,658,560
<i>Common Portfolio Costs</i>					\$0
<i>Total Portfolio</i>	\$58,516,135	\$4,307,798	\$26,055,213	\$3,607,752	\$92,486,897
<i>SWE Costs</i> <sup>5</sup>	\$0	\$0	\$0	\$0	\$1,267,200
<i>Total</i>	\$58,516,135	\$4,307,798	\$26,055,213	\$3,607,752	\$93,754,097

<sup>12</sup> Results for the Small & Large Energy Solutions for Business programs include GNI customers who participated in these programs. Statewide Evaluation costs are outside of the 2% spending cap.



**Table 7-2B: Phase IV to Date Financials- Penelec**

<b>Program</b>	<b>Incentives to Participants and Trade Allies</b>	<b>EDC Materials, Labor, and Administration</b>	<b>ICSP Materials, Labor, and Administration</b>	<b>EM&amp;V</b>	<b>Total EDC Cost</b>
<i>Energy Efficient Homes</i>	\$10,202,183	\$605,922	\$3,344,019	\$475,625	\$14,627,750
<i>Energy Efficient Products</i>	\$4,206,020	\$623,435	\$3,527,156	\$369,348	\$8,725,959
<i>Low Income Energy Efficiency</i>	\$11,723,117	\$598,404	\$2,593,032	\$350,727	\$15,265,280
<i>C&amp;I Energy Solutions for Business - Small</i>	\$25,101,217	\$1,247,870	\$7,769,501	\$1,144,391	\$35,262,979
<i>C&amp;I Energy Solutions for Business - Large</i>	\$9,764,780	\$1,027,023	\$6,176,392	\$957,384	\$17,925,578
<i>Common Portfolio Costs</i>					\$0
<i>Total Portfolio</i>	\$60,997,318	\$4,102,654	\$23,410,099	\$3,297,475	\$91,807,546
<i>SWE Costs<sup>5</sup></i>	\$0	\$0	\$0	\$0	\$1,148,400
<i>Total</i>	\$60,997,318	\$4,102,654	\$23,410,099	\$3,297,475	\$92,955,946

**Table 7-2C: Phase IV to Date Financials- Penn Power**

<b>Program</b>	<b>Incentives to Participants and Trade Allies</b>	<b>EDC Materials, Labor, and Administration</b>	<b>ICSP Materials, Labor, and Administration</b>	<b>EM&amp;V</b>	<b>Total EDC Cost</b>
<i>Energy Efficient Homes</i>	\$4,676,605	\$307,362	\$1,643,650	\$190,255	\$6,817,872
<i>Energy Efficient Products</i>	\$1,482,452	\$233,870	\$1,111,618	\$110,664	\$2,938,603
<i>Low Income Energy Efficiency</i>	\$2,769,518	\$190,029	\$814,381	\$103,717	\$3,877,644
<i>C&amp;I Energy Solutions for Business - Small</i>	\$6,297,049	\$392,792	\$1,769,852	\$294,822	\$8,754,515
<i>C&amp;I Energy Solutions for Business - Large</i>	\$3,254,468	\$325,142	\$1,771,752	\$237,780	\$5,589,142
<i>Common Portfolio Costs</i>					\$0
<i>Total Portfolio</i>	\$18,480,092	\$1,449,195	\$7,111,253	\$937,237	\$27,977,777
<i>SWE Costs<sup>5</sup></i>	\$0	\$0	\$0	\$0	\$356,400
<i>Total</i>	\$18,480,092	\$1,449,195	\$7,111,253	\$937,237	\$28,334,177

**Table 7-2D: Phase IV to Date Financials- West Penn Power**

Program	Incentives to Participants and Trade Allies	EDC Materials, Labor, and Administration	ICSP Materials, Labor, and Administration	EM&V	Total EDC Cost
<i>Energy Efficient Homes</i>	\$13,732,645	\$816,676	\$5,352,869	\$640,962	\$20,543,153
<i>Energy Efficient Products</i>	\$5,369,636	\$739,969	\$4,560,561	\$451,501	\$11,121,668
<i>Low Income Energy Efficiency</i>	\$11,569,239	\$549,343	\$2,359,963	\$331,965	\$14,810,510
<i>C&amp;I Energy Solutions for Business - Small</i>	\$25,468,488	\$1,047,640	\$6,318,610	\$1,014,485	\$33,849,223
<i>C&amp;I Energy Solutions for Business - Large</i>	\$12,691,444	\$1,023,210	\$6,824,916	\$936,605	\$21,476,174
<i>Common Portfolio Costs</i>					\$0
<i>Total Portfolio</i>	\$68,831,452	\$4,176,838	\$25,416,920	\$3,375,519	\$101,800,729
<i>SWE Costs</i> <sup>5</sup>	\$0	\$0	\$0	\$0	\$1,188,000
<i>Total</i>	\$68,831,452	\$4,176,838	\$25,416,920	\$3,375,519	\$102,988,729

Cost-effectiveness testing for Act 129 EE&C programs is performed using the TRC Test. Benefit cost modeling is conducted annually using verified gross and verified net savings once the results of the independent impact evaluation are completed. TRC test results for PY17 will be presented in the final annual report to the PA PUC on September 30, 2026, along with a more granular breakdown of portfolio costs.

## 7.2 COST RECOVERY

Act 129 allows Pennsylvania EDCs to recover EE&C plan costs through a cost recovery mechanism. FirstEnergy's cost recovery charges are organized separately by four customer sectors to ensure that the electric rate classes that finance the programs are the rate classes that receive the direct energy and conservation benefits. Cost recovery is necessarily tied to the way customers are metered and charged for electric service. Readers should be mindful of the differences between Tables 7-3A to 7-3D and Section 2.3. For example, the low-income customer

segment is a subset of the FirstEnergy EDCs' residential tariff(s) and therefore not listed in Tables 7-3A to 7-3D.<sup>13</sup>

**Table 7-3A: EE&C Plan Expenditures by Cost Recovery Category – Met-Ed**

EDC	Cost Recovery Sector	Rate Schedules Included	PYTD \$ Spending (\$1,000)	P4TD \$ Spending (\$1,000)
Met-Ed	Residential (incl. Low Income)	RS	\$5,344	\$12,872
	Small C&I	GS-V, GS-S, GS-M, MS, Outdoor Area Lighting Service	\$1,623	\$3,378
	Large C&I	GS-L, GP, TP	\$795	\$2,575
	Street Lighting	Street Lighting Service (SLS), LED SLS	\$10	\$12
<b>Portfolio Total</b>			<b>\$7,771</b>	<b>\$18,837</b>

**Table 7-3B: EE&C Plan Expenditures by Cost Recovery Category – Penelec**

EDC	Cost Recovery Sector	Rate Schedules Included	PYTD \$ Spending (\$1,000)	P4TD \$ Spending (\$1,000)
Penelec	Residential (incl. Low Income)	RS	\$4,462	\$10,589
	Small C&I	GS-V, GS-S, GS-M, H, Outdoor Area Lighting Service	\$3,154	\$5,521
	Large C&I	GS-L, GP, TP	\$145	\$1,682
	Street Lighting	HPS SLS, Municipal SLS, LED SLS	\$2	\$5
<b>Portfolio Total</b>			<b>\$7,763</b>	<b>\$17,797</b>

<sup>13</sup> Includes allocation of SWE costs in each Cost Recovery Sector.

**Table 7-3C: EE&C Plan Expenditures by Cost Recovery Category – Penn Power**

EDC	Cost Recovery Sector	Rate Schedules Included	PYTD \$ Spending (\$1,000)	P4TD \$ Spending (\$1,000)
Penn Power	Residential (incl. Low Income)	RS	\$1,634	\$4,060
	Small C&I	GS-S, GSDS, GS-M, PLS, Outdoor Area Lighting, GS-V, PNP	\$808	\$1,451
	Large C&I	GS-L, GP, TP	\$265	\$1,061
	Street Lighting	SV, LED	\$5	\$5
Portfolio Total			\$2,712	\$6,578

**Table 7-3D: EE&C Plan Expenditures by Cost Recovery Category – West Penn Power**

EDC	Cost Recovery Sector	Rate Schedules Included	PYTD \$ Spending (\$1,000)	P4TD \$ Spending (\$1,000)
West Penn Power	Residential (incl. Low Income)	RS	\$5,475	\$12,755
	Small C&I	GS-V, GS-S, GS-M, Outdoor Area Lighting	\$2,947	\$6,130
	Large C&I	GS-L, GP, TP, 44, 46	\$702	\$2,215
	Street Lighting	51:58, 71, 72	\$1	\$4
Portfolio Total			\$9,125	\$21,104

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**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**Semi-Annual Report to the Pennsylvania Public** :  
**Utility Commission and Act 129 Statewide** : **Docket Nos. M-2020-3020820**  
**Evaluator; Phase IV Program Period June 1, 2025:** **M-2020-3020821**  
**to May 31, 2026, for Metropolitan Edison** : **M-2020-3020822**  
**Company, Pennsylvania Electric Company,** : **M-2020-3020823**  
**Pennsylvania Power Company and West Penn** :  
**Power Company** :

**CERTIFICATE OF SERVICE**

I hereby certify that I have this day served a true copy of the foregoing document upon the parties listed below by e-mail.

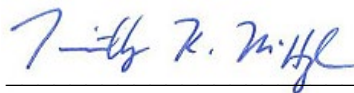
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Respectfully submitted,



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Dated: January 15, 2026

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