



PPL EU Stakeholder Meeting – Energy Efficiency & Conservation

February 26, 2026

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Manager - Energy Efficiency



PPL Electric Utilities

1

Commitment to Safety

Ladder Safety

2

Act 129 Phase V Updates

Plan Filing
Enhancements and Offerings

3

EE&C Performance – PY17 Semi-Annual Report

Portfolio – Savings and Financial Overview
Residential Energy Efficiency Program Update
Low-Income Energy Efficiency Program Update
Non-Residential Energy Efficiency Program Update

4

Questions & Answers

Please use the chat function



Stakeholder Meeting Agenda



Ladder Safety

March is right around the corner, and it is National Ladder Safety Month. Falls from ladders are a leading cause of injury and fatalities with over 500,000 injuries and 300 deaths annually.

- Choose the right ladder for the job
- Place the ladder on a stable surface and set with the proper angle
- Check your surroundings and inspect the ladder for damage before you climb
- Step up safely, maintaining three points of contact
- Never carry tools while climbing
- Stay centered and never overreach

Act 129 Phase V Updates

The Company filed its Act 129 Phase V EE&C Plan on December 1, 2025. New proposed elements in Phase V include:

- Significant increase to comprehensive measures available through the Resource Constrained Energy Efficiency Program
- Additional health and safety dedicated funding for income-eligible customers
- Additional participation components/channels for income-eligible customers
- A Moderate-Income Tier in Residential Energy Efficiency Program
- Third-party financing for moderate income and business customers
- Heat Pump Installer Trade Ally Network
- Persistent Peak Demand: EV managed charging, Battery Storage and Thermostat Optimization for Residential demand response daily load shifting; C&I load shift pilot
- Business Support Services for C&I customers which includes engineering support, virtual commissioning, strategic energy management, feasibility studies, etc.

A tentative settlement with stakeholders has been reached and has been submitted as part of the Plan approval process.

EE&C Portfolio Performance

- Portfolio – Savings and Financial Overview
- Residential Energy Efficiency Program Update
- Low-Income Energy Efficiency Program Update
- Non-Residential Energy Efficiency Program Update

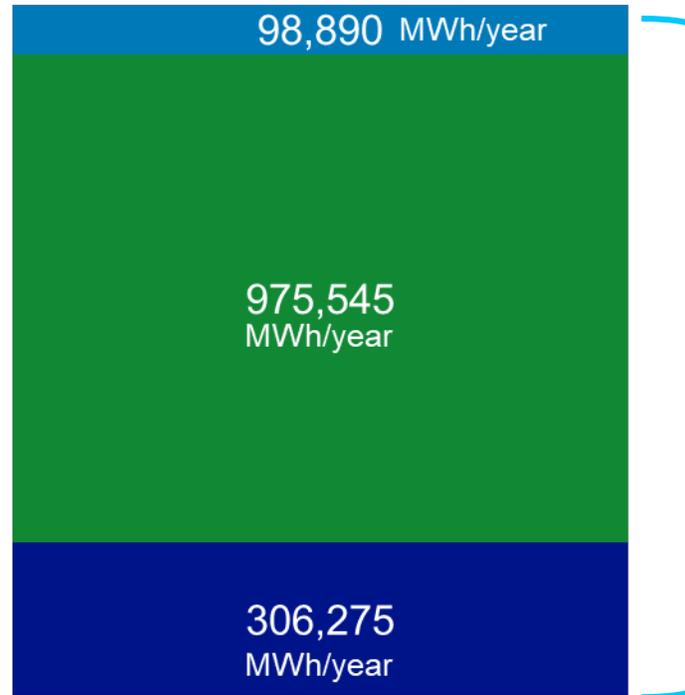


Portfolio Savings – MWh

- Phase IV Compliance Target
- PTD Savings
- Carryover from Phase III
- Unverified



Phase IV Compliance Target



Progress Toward Compliance Target

The PPL Electric Utilities portfolio has verified savings of **1,281,820** MWh/yr and has reported but unverified savings of 98,890 MWh/yr. The portfolio is on track to exceed the compliance target by **27%** with 6 months remaining in Phase IV.

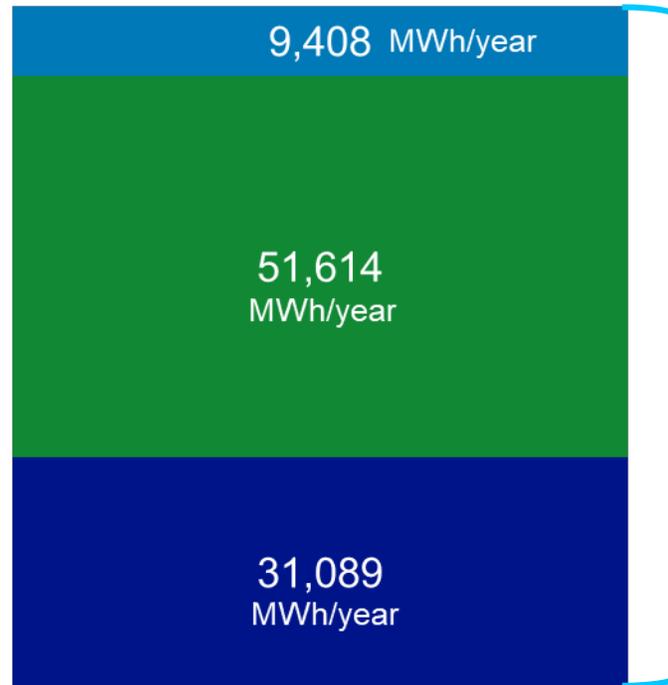
PTD = Phase IV verified-to-date; Unverified = PY15 through PY17 unverified. All unverified savings will be verified at the end of the program year.

Low-Income Savings – MWh

- Phase IV Compliance Target
- PTD Savings
- Carryover from Phase III
- Unverified



Phase IV Compliance Target

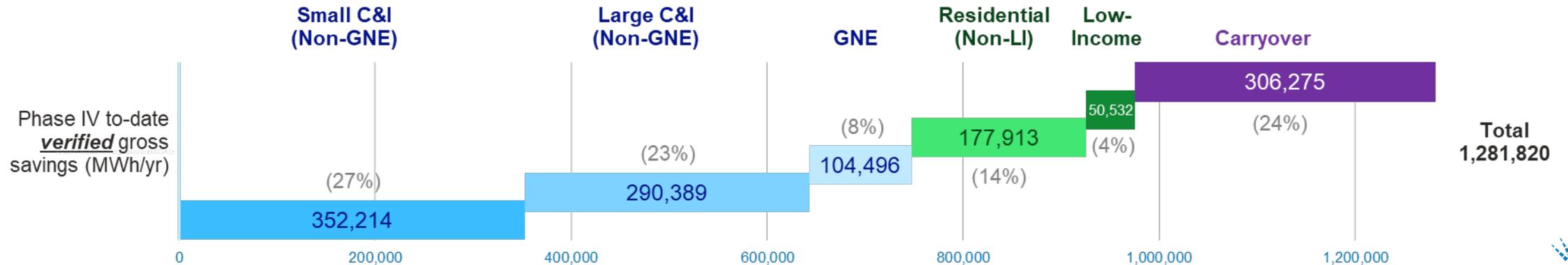
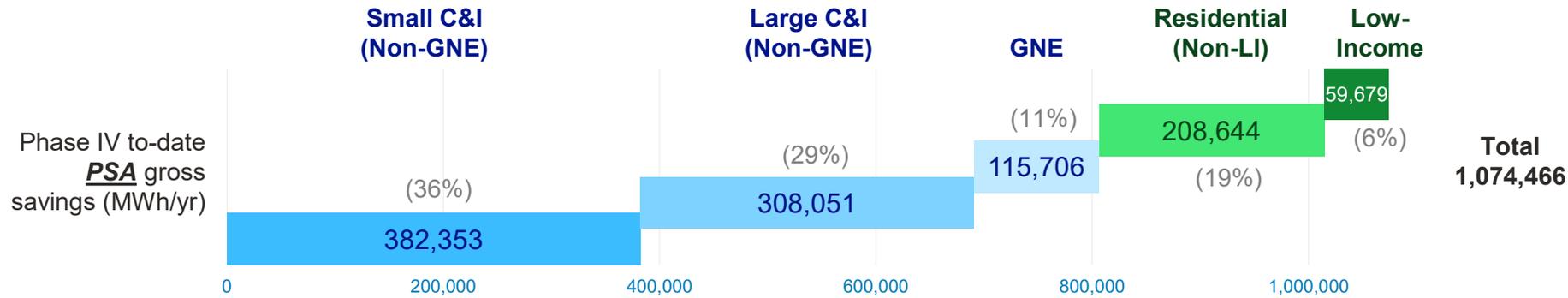


Progress Toward Compliance Target

The Low-Income Program has verified savings of **82,703 MWh/yr** and savings of 9,408 MWh/yr to be verified at the end of the program year. Currently, projected to exceed the compliance target by at least **33%**.

Sector Savings – MWh

Small C&I has achieved the **most savings** in Phase IV to-date, accounting for 27% of all **verified** portfolio savings. The portfolio will likely meet compliance targets without carryover.

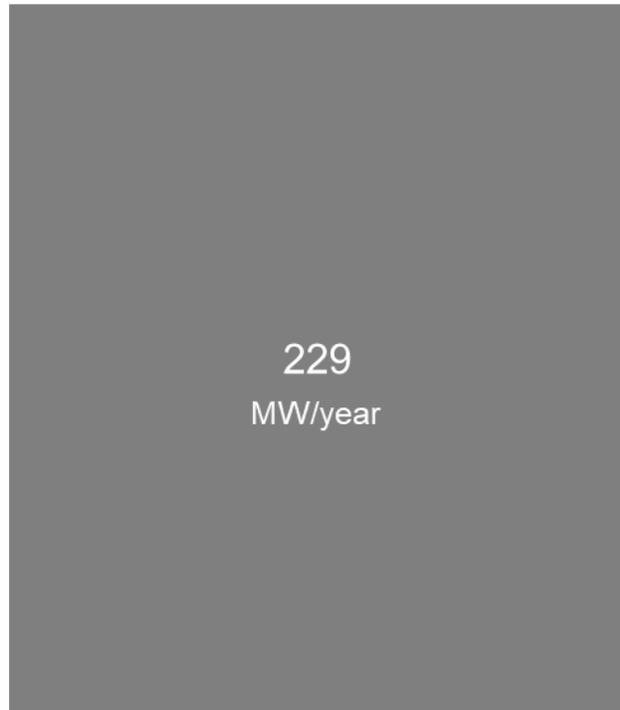


Totals may not sum due to rounding.

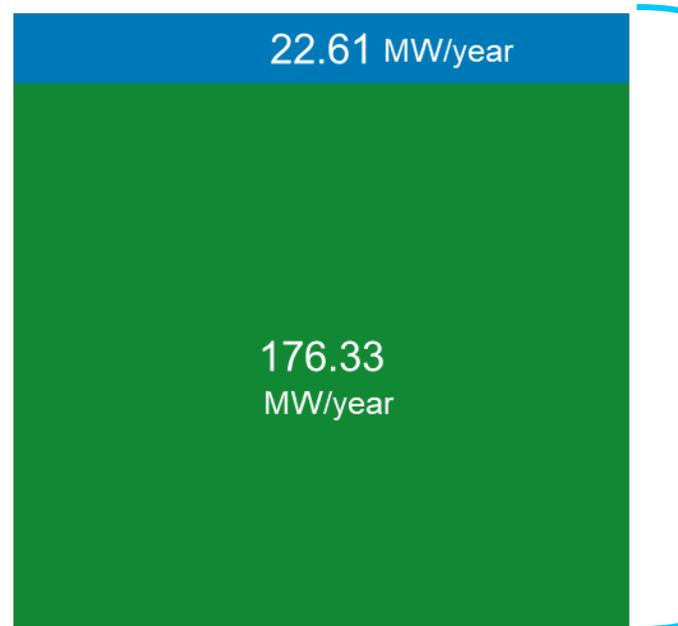
GNE – Government, nonprofit, and educational sector

Portfolio Savings – MW

■ Phase IV Compliance Target ■ PTD Savings ■ Unverified



Phase IV Compliance Target



Progress Toward Compliance Target

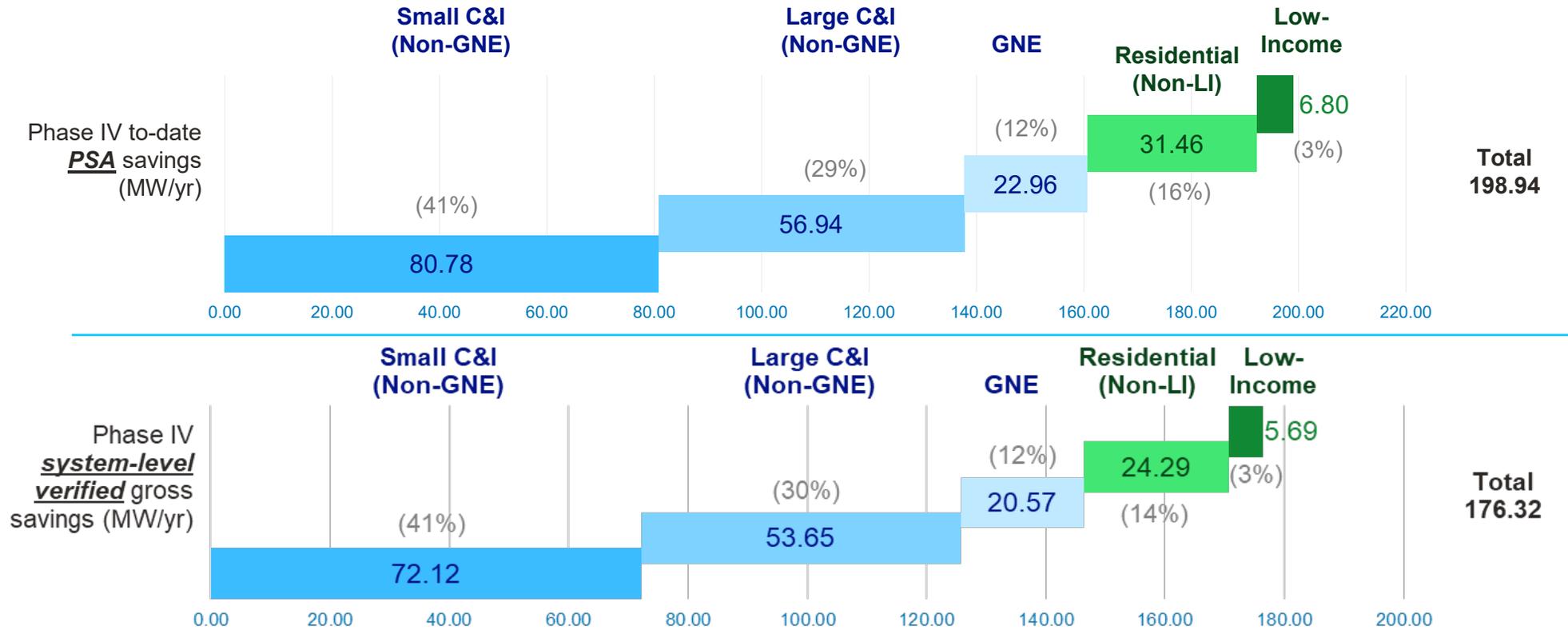
PPL Electric Utilities has achieved verified demand reductions of **176.33** MW/year and has reported but unverified savings of 22.61 MW/yr and currently, on track to meet the target for the phase.



PPL Electric Utilities

Portfolio Savings – MW

Small C&I achieved the most demand reductions in Phase IV to-date, representing **41%** of all verified demand reductions to date. There is no carryover for peak demand reductions in Phase IV.

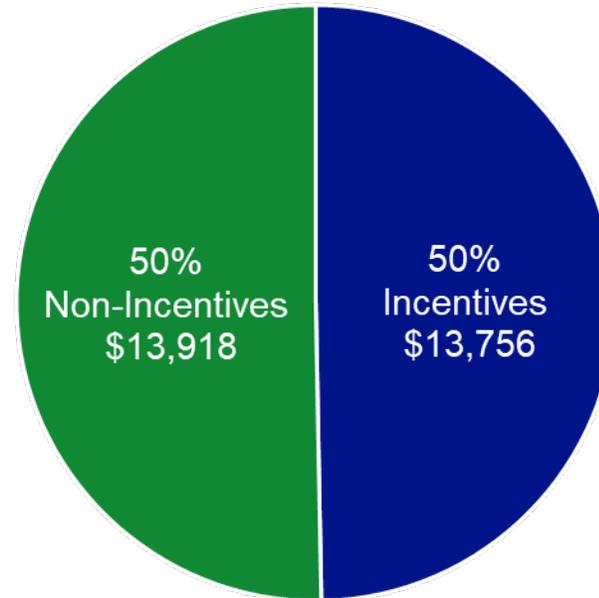


PPL Electric Utilities

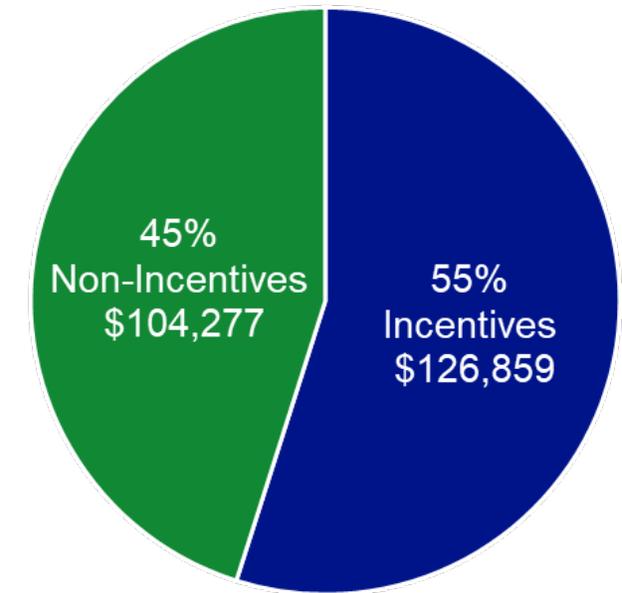
Portfolio Costs

In Phase IV, 55% of the total spend has gone directly to customer incentives. The PY16 portfolio TRC of 1.42 will be updated for the PY17 annual report, which will also include the final Phase IV cost-effectiveness.

PY17 Portfolio Total
Finances (\$1,000)
Total = \$27,674



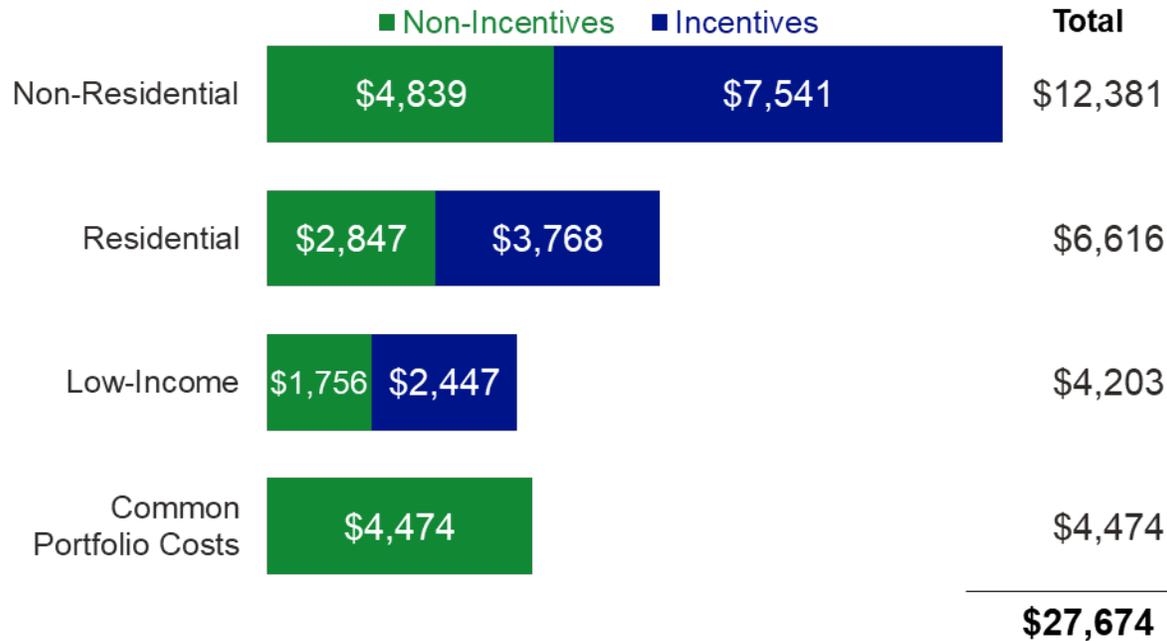
Phase IV Portfolio Total
Finances (\$1,000)
Total = \$231,135



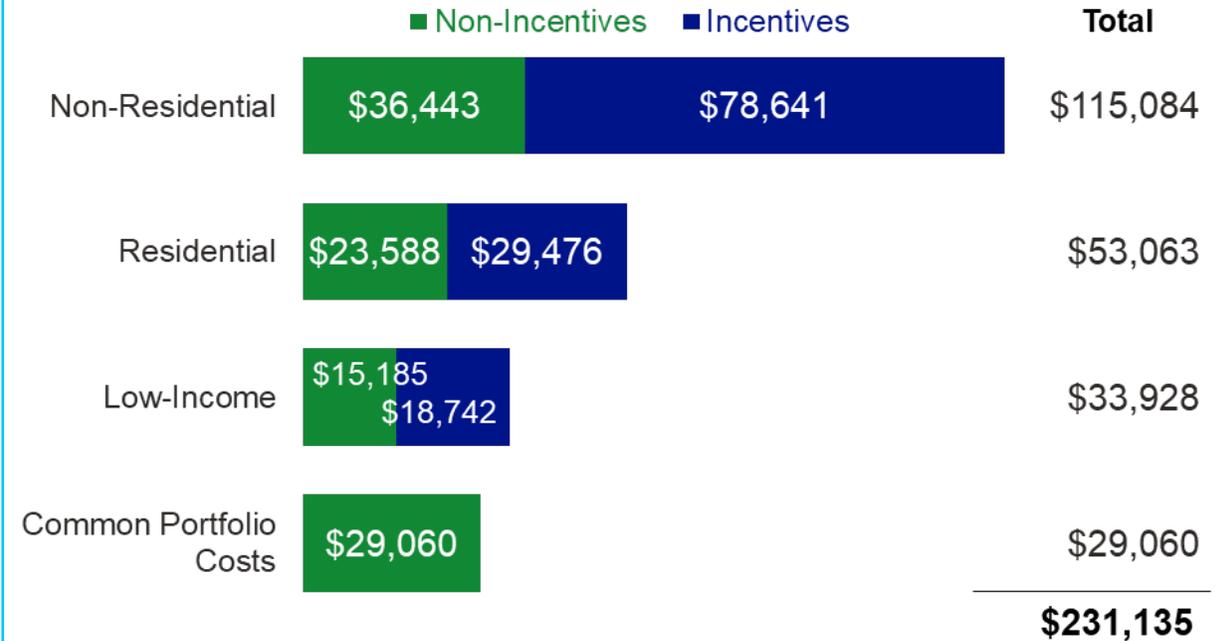
Sector Costs

Non-Residential comprises 50% of Phase IV portfolio costs, Residential 23%, Low-Income 15%, and Common Portfolio Costs 13%.

PY17 Sector Total Finances (\$1,000)



Phase IV Sector Total Finances (\$1,000)





Residential Energy Efficiency Program Update

Residential Program Components

Efficient Homes



Energy Savings

PY17: 15,988 MWh

PTD:

103,575 MWh

Peak Demand

PY17: 1.92 MW

PTD:

10.16 MW

Appliance Recycling



Energy Savings

PY17: 9,405 MWh

PTD:

35,998 MWh

Peak Demand

PY17: 4.03 MW

PTD:

9.80 MW

Student Energy Education



Energy Savings

PY17: 0 MWh

PTD:

20,215 MWh

Peak Demand

PY17: 0.00 MW

PTD:

2.07 MW

Home Energy Reports



Energy Savings

PY17: 0 MWh

PTD:

7,562 MWh

Peak Demand

PY17: 0.00 MW

PTD:

0.00 MW

Efficient Lighting was sunset though contributes 8,969 MWh and 1.41 MW to the Phase IV totals.

PTD = Phase IV verified-to-date

Note: PY17 savings and PY15/PY16 unverified savings will be verified at the end of the program year. SEE and HER are recognized at the end of the program year.



Energy Savings

PY17: 15,988 MWh

PTD:

103,575 MWh

Peak Demand

PY17: 1.92 MW

PTD:

10.16 MW



	PY17 Reported Energy Savings (MWh/year)	PY17 Reported Demand Savings (MW/year)	PY17 Participants
Downstream Equipment	9,692	0.61	5,269
Instant Discount	2,818	0.59	44,256
New Homes	2,729	0.66	801
Online Marketplace	355	0.04	1,623
Audit and Weatherization	349	0.02	884
Midstream Equipment	23	0.00	7
EV Pilot	23	0.00	379

- EEH comprises 59% of PTD Residential Energy Efficiency Program energy savings and 43% of PTD demand reductions to date
- Instant Discount and Online Marketplace participants are number of units sold

Energy Efficient Homes





Energy Savings

PY17: 9,405 MWh

PTD:

35,998 MWh

Peak Demand

PY17: 4.03 MW

PTD:

9.80 MW



Energy Savings

PY17 Reported

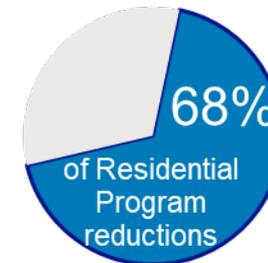


PTD



Demand Reductions

PY17 Reported



PTD



- ARP comprises 20% of Residential Program savings, though represents 42% of peak demand reductions PTD with 73,951 appliances recycled.

Appliance Recycling Component



Energy Savings

PY17: 0 MWh

PTD:

20,215 MWh

Peak Demand

PY17: 0.00 MW

PTD:

2.07 MW



Energy Savings

PY17 Reported



PTD



Demand Reductions

PY17 Reported



PTD



- While the program is fully subscribed in PY17 for in-class presentations, savings have not been reported yet in PY17.

Student Energy Education





Energy Savings

PY17: 0 MWh

PTD:

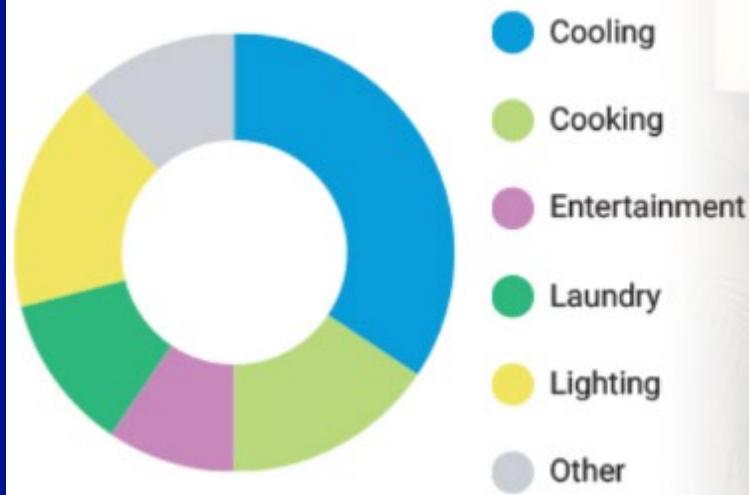
7,562 MWh

Peak Demand

PY17: 0.00 MW

PTD:

0.00 MW



Energy Savings

PY17 Reported



PTD



Demand Reductions

PY17 Reported



PTD



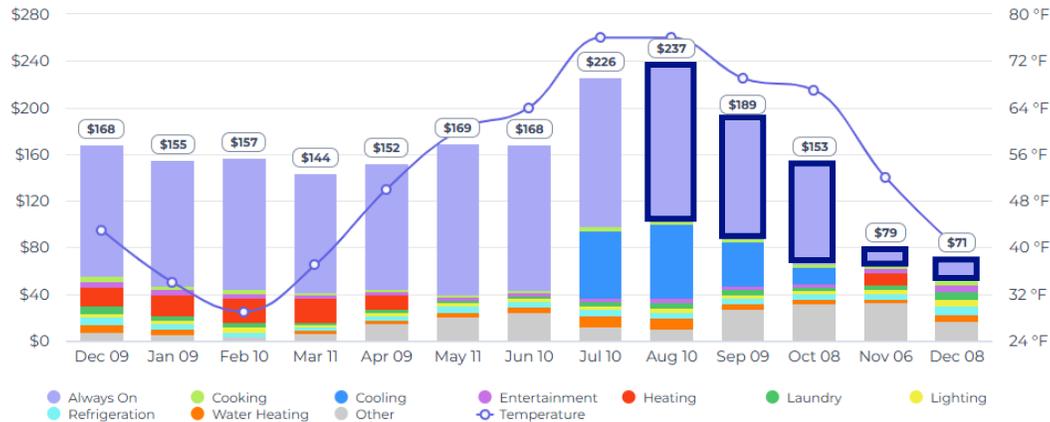
- Home Energy Reports does not report savings until the end of the program year.
- There were no demand reductions in PY16 as the component launched after the peak period.

Home Energy Reports

Customer Feedback

1 Go Beyond: Increasing Customer Affordability through Energy Efficiency

Using our Energy Analyzer tool, a program energy auditor helped a customer to discover a constantly running HVAC blower motor in her home. Identifying and correcting the issue will lead to savings of almost \$90 per month.



Residential Energy Efficiency Program

1 Go Beyond Moment

The customer had completed a virtual assessment, and with the help of the Energy Analyzer, we deduced that her high usage was likely due to an always-on appliance.

3 Energy Analyzer Webinar

"I joined this webinar to learn how the energy analyzer worked. I've seen similar tools in the past that were way off. This one is very accurate"

2 Virtual Assessment

"Thank you, John for your overt efforts to provide the replacement items for the virtual assessment and your courtesy in educating us on the phone. You went above and beyond from afar and we are grateful... A+ all around!"

4 Virtual Assessment

"I participated in a PPL Electric Utility Virtual Home Energy Assessment ... I left the session with a much better understanding of how our home operates ... I was very happy with this session. In a short time, I was able to have a lot of questions answered, with clear explanations".

Electric Vehicle Charging Equipment Pilot

Participant registration is closed and the Company is transitioning to data analysis.



Customer Participation

The pilot achieved total enrollment of 404* customers to date

- 291 customers submitted downstream applications
- 113 customers received an instant-discount through the Online Marketplace



Data Collection

The Company is finalizing the report template and will be analyzing data from the pilot to inform the EV Managed Charging program in Phase V.

*379 participants in the PY17 Semi-Annual Report reporting period

Residential Energy Efficiency Program



Low-Income Energy Efficiency Program Update



Energy Savings

PY17: 9,408 MWh

PTD:

82,703 MWh

Peak Demand

PY17: 1.14 MW

PTD:

5.82 MW



Energy Savings

PY17 Reported

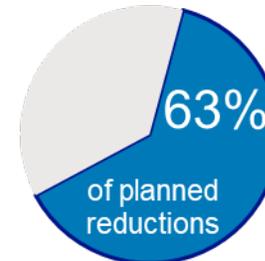


PTD

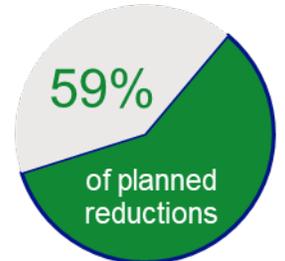


Demand Reductions

PY17 Reported



PTD



- The Low-Income program has already exceeded Phase IV compliance targets for energy savings including Phase III carryover.

Low-Income Energy Efficiency Program



Program Updates



Multifamily Participation

Participation in PY17

- Individually Metered Multifamily – 2,217 participants
- Master-Metered Multifamily – 1,042 participants across 16 buildings
 - 100 units across two buildings scheduled for completion



Health and Safety Pilot

The EE&C team has exhausted the \$750K budget for H&S as of November 2025. The program will relaunch in Phase V with \$2 million in available funding.

Low-Income Program

Program Updates (continued)

Improving Post-Audit Follow-up

PPL Electric Utilities and our partner CSP have increased the frequency and usefulness of post-audit follow-up to ensure customers clearly understand next steps.

LIHEAP Coordination

The Company has developed a plan for demographic targeting of Low-Income Home Energy Assistance Program (LIHEAP) customers to support continued cross-promotion of the program to On-Track customers.

New Marketing Approaches

PPL Electric Utilities is updating its marketing approach in PY17 to reach additional customers, including bus and bus stop campaigns and targeted events. This supports a wide variety of digital, email, postcard and letters. The Company will also participate in resource fairs and community events across the territory.



Customer Feedback

1 Go Beyond: Improving customer satisfaction through better service

The Company successfully installed 270 small appliances in a single month for income-eligible customers through logistics enhancements and a concerted effort to reach unresponsive customers. This effort was in response to annual report findings that customers were not satisfied with the communication and wait times to receive eligible measures. This supported an increase in customer satisfaction:



Low-Income Program

1 Improving Satisfaction

The Company responded to customer feedback and worked with the CSP to resolve a backlog of appliance deliveries for eligible customers.

3 In-Home Assessment

“Great customer service and amazing advice”

2 In-Home Assessment

“(T)he energy advisor was awesome. Thank you for your time and effort for me. Wonderful job!”

4 In-Home Assessment

“The technician was amazing at his job. He was nice, respectful, and very helpful. He explained everything and was open to questions”



Non-Residential Energy Efficiency Program Update

Non-Residential Program Components

Efficient Equipment Channels

Downstream



Energy Savings

PY17: 12,309

PTD:

176,263 MWh

Peak Demand

PY17: 1.95

PTD:

28.01 MW

Midstream



Energy Savings

PY17: 21,353

PTD:

112,366 MWh

Peak Demand

PY17: 6.26

PTD:

22.81 MW

Direct Discount



Energy Savings

PY17: 2,839

PTD:

81,660 MWh

Peak Demand

PY17: 0.59

PTD:

11.15 MW

Custom



Energy Savings

PY17: 20,109

PTD:

377,323 MWh

Peak Demand

PY17: 4.84

PTD:

85.09 MW

PTD = Phase IV verified-to-date

Note: PY17 savings will be verified at the end of the program year.



Energy Savings

PY17: 12,309

PTD:

176,263 MWh

Peak Demand

PY17: 1.95

PTD:

28.01 MW

Energy Savings: Downstream Lighting



Phase IV
has saved
167,741 MWh/yr



PY17
reported savings
11,578 MWh/yr



Energy Savings: Downstream Equipment



Phase IV
has saved
8,522 MWh/yr



PY17
reported savings
731 MWh/yr



- Non-Residential lighting opportunities continue to exist in the PPL EU territory and will into Phase V.

Efficient Equipment – Downstream Energy Savings



Energy Savings

PY17: 12,309

PTD:

176,263 MWh

Peak Demand

PY17: 1.95

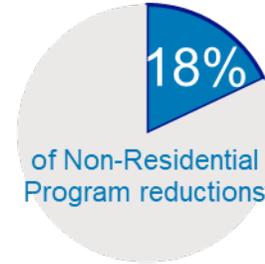
PTD:

28.01 MW

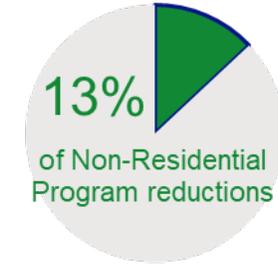
Demand Reductions: Downstream Lighting



Phase IV
has saved
26.81 MW/yr



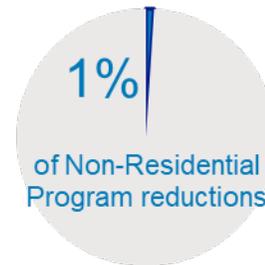
PY17
reported
1.78 MW/yr



Demand Reductions: Downstream Equipment



Phase IV
has saved
1.20 MW/yr



PY17
has saved
0.17 MW/yr



Efficient Equipment – Downstream Demand Reductions



Energy Savings

PY17: 21,353

PTD:

112,366 MWh

Peak Demand

PY17: 6.26

PTD:

22.81 MW

Energy Savings: Midstream Lighting



Phase IV
has saved
110,513 MWh/yr



PY17
reported
21,097 MWh/yr



Energy Savings: Midstream Equipment



Phase IV
has saved
1,853 MWh/yr



PY17
reported
256 MWh/yr



- Midstream measures are lower administrative burden; channel participation has grown in PY17.

Efficient Equipment – Midstream Energy Savings



Energy Savings

PY17: 21,353

PTD:

112,366 MWh

Peak Demand

PY17: 6.26

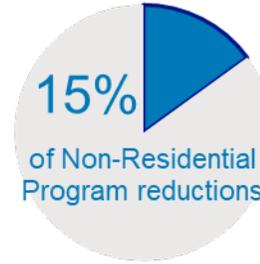
PTD:

22.81 MW

Demand Reductions: Midstream Lighting



Phase IV
has saved
22.09 MW/yr



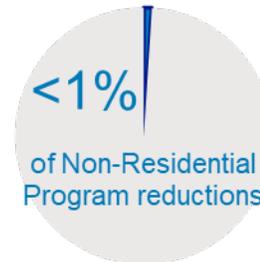
PY17
reported
6.16 MW/yr



Demand Reductions: Midstream Equipment



Phase IV
has saved
0.72 MW/yr



PY17
reported
0.10 MW/yr



Efficient Equipment – Midstream Peak Demand



Energy Savings

PY17: 2,839

PTD:

81,660 MWh

Peak Demand

PY17: 0.59

PTD:

11.15 MW

**Demand Reductions:
Direct Discount
Lighting**



Phase IV
has saved
77,910 MWh/yr



PY17
saved
2,084 MWh/yr



**Demand Reductions:
Direct Discount
Equipment**



Phase IV
has saved
3,750 MWh/yr



PY17
has saved
755 MWh/yr



Direct Discount Energy Savings



Energy Savings

PY17: 2,839

PTD:

81,660 MWh

Peak Demand

PY17: 0.59

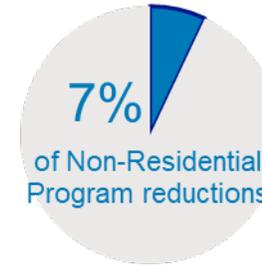
PTD:

11.15 MW

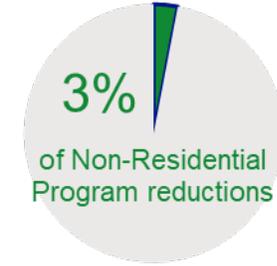
**Demand Reductions:
Direct Discount
Lighting**



Phase IV
has saved
10.36 MW/yr



PY17
saved
0.35 MW/yr



**Energy Savings:
Direct Discount
Equipment**



Phase IV
has saved
0.79 MW/yr



PY17
has saved
0.24 MW/yr



Direct Discount Peak Demand



Energy Savings

PY17: 20,109

PTD:

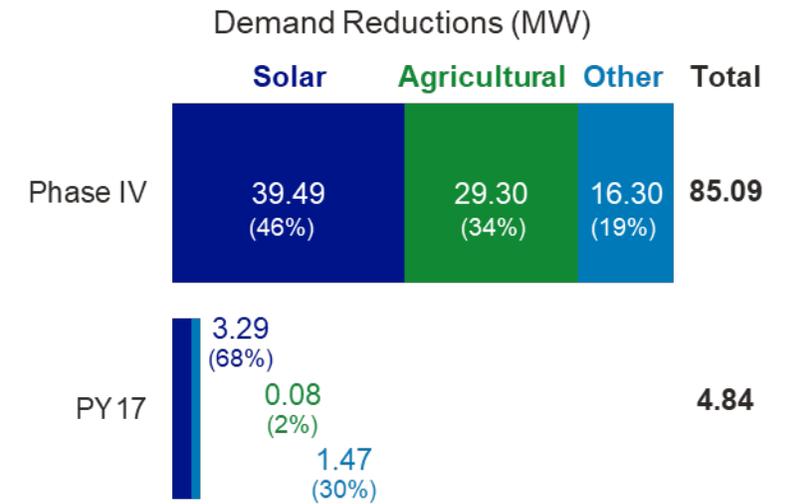
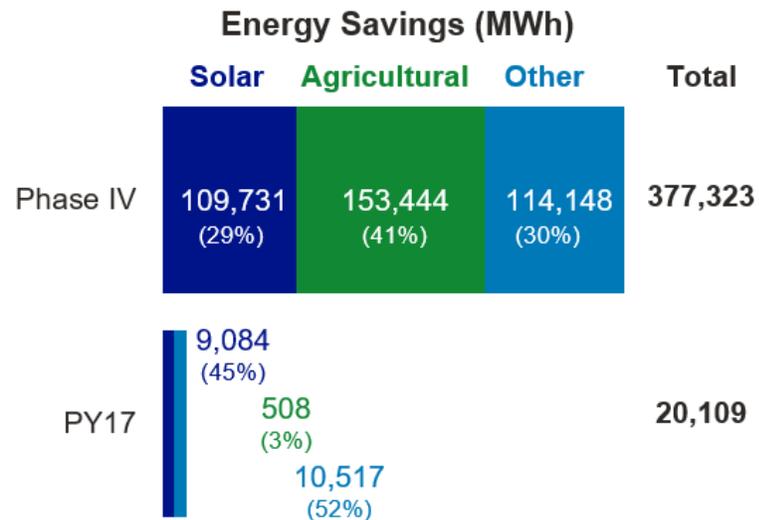
377,323 MWh

Peak Demand

PY17: 4.84

PTD:

85.09 MW



- In PY17, non-solar projects contributed the most to energy savings while solar projects contributed the most to demand reductions.
- Overall, in Phase IV, Solar comprised nearly half of all Custom demand reductions while Agricultural comprised 41% of energy savings.

Custom

Program Updates



Midstream

PPL EU expanded midstream offerings to include:

- Compressed Air
- Refrigeration
- Variable Frequency Drives



Custom

- Retro-commissioning lite was introduced as an offering for smaller buildings to optimize existing equipment, calibrate sensors, and set points.
- BOC Level 2 course was launched in PY17 to help prior participants deepen their building operations knowledge.

Non-Residential Program

Questions & Answers



PPL Electric Utilities

**PARTNERS
IN POWER**

Thank you!

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