

PPL EU Stakeholder Meeting – Energy Efficiency & Conservation:

Phase IV of Act 129 PY17 Annual Report

October 29, 2026

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Commitment to Safety

Staying Safe During Hunting Season

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Act 129 Phase V Updates

Act 129 Phase V Launch Update

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EE&C Performance – PY17 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 Q&A function



Stakeholder Meeting Agenda

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X Staying Safe During Hunting Season

With hunting season under way across the territory, it is important to be careful when in or near wooded areas

- **Wear High-Visibility Orange:** Put on a bright orange hat, vest, or jacket so you stand out against natural forest backgrounds
- **Cover Your Gear:** If you wear a backpack, make sure it does not block your orange clothing; add an orange rain cover or wrap if needed
- **Outfit Pets:** Put a bright orange vest, bandana, or leash on your dog so they are clearly visible to hunters
- **Make Noise:** Talk loudly, sing, whistle, or attach a bell to your pack or bike so hunters and wildlife know you are approaching
- **Avoid Peak Hunting Hours**: Try to stay off trails during dawn and dusk, when deer and other game are most active and lighting is poor
- **Stick to Main Trails**: Remain on established, well-traveled paths and avoid wandering through dense brush or off-trail areas

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Act 129 Phase V Launch Update

All primary program offerings successfully launched June 1, 2026, with updated websites, marketing materials, and customer resources. The February 2027 Stakeholder Meeting will highlight performance per the Program Year 18 Semi-Annual Report.

Portfolio Updates

- Moderate-Income resources include the Company's Check Best Offer tool that guided 1,227 customers to appropriate offerings since launch, identifying an additional 559 income-eligible and moderate-income customers.
- Heat Pump Installer Trade Ally Network launched in September 2026 with 3 trade allies and 7 technicians. The Company is coordinating with PA DEP on technician training.

Key Settlement Topic Progress

- Third-party financing pilot plan for moderate income customers shared with stakeholders on June 24, 2026, with several follow up conversations to refine the approach. The pilot is currently in phase one analysis.
- Updated income-eligible appliance recycling customer marketing materials shared with stakeholders on May 1, 2026.
  - Data on income-eligible appliance recycling participants receiving an assessment will be part of the Phase V PY18 semi-annual report stakeholder meeting in February 2027.
- Income-eligible coordination meeting scheduled for November 10, 2026.

Persistent Peak Demand – All residential channels launched for the first Summer season:

- Optimized EV Charging – The channel overperformed with 719 participants through September 2026
- Thermostat Optimization – Over 25K active thermostats in the Company's territory
- Optimized Battery Storage – Participation is below target, though the Company is working with the CSP to add new OEMs
- Pilots – C&I Load Shift Pilot and Residential Peak Time Rebates Pilots on track for PY19 launch

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EE&C Portfolio Performance

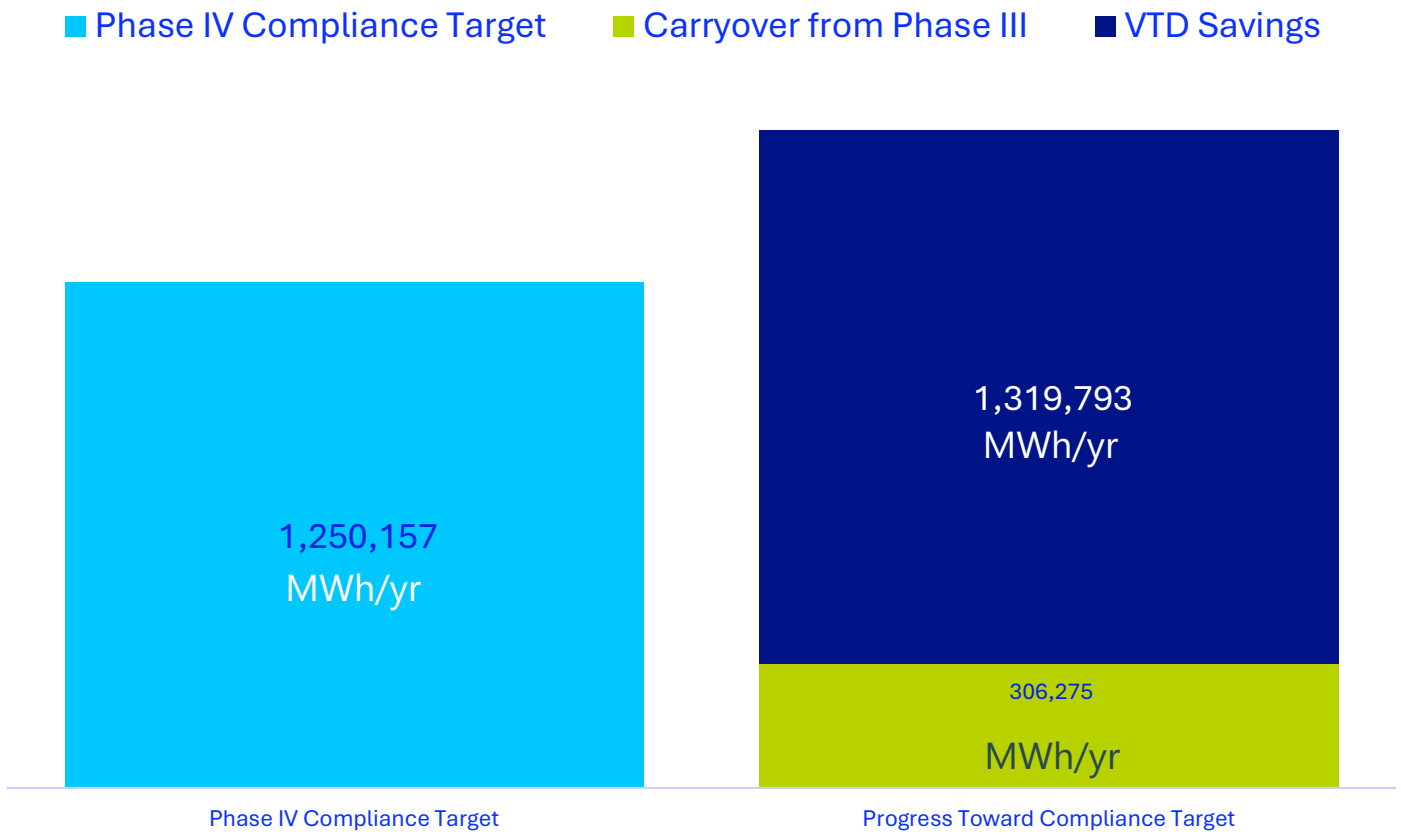
- Portfolio – Savings and Financial Overview
- Residential Energy Efficiency Program Update
- Low-Income Energy Efficiency Program Update
- Non-Residential Energy Efficiency Program Update



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Portfolio Savings – MWh



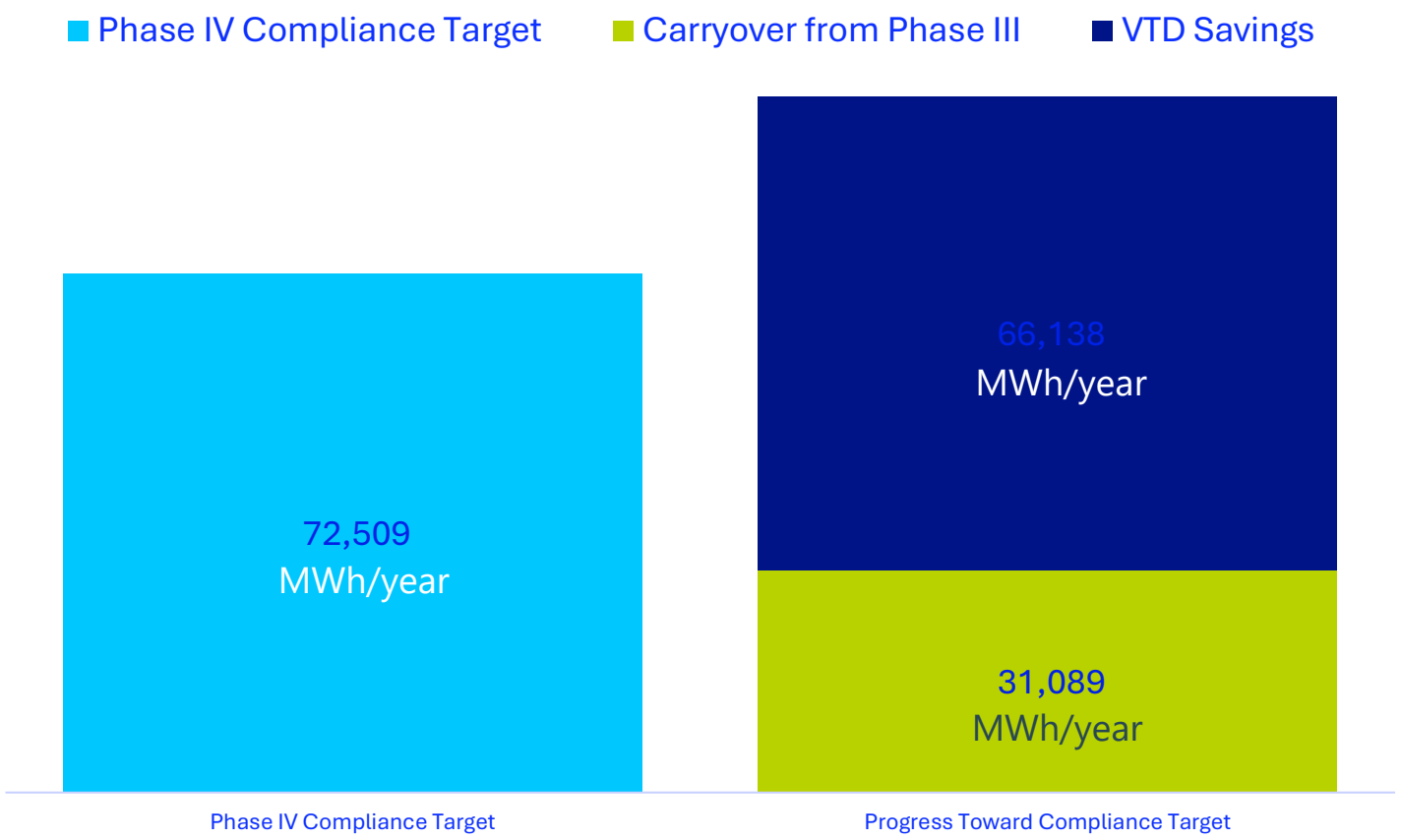
- The PPL Electric Utilities portfolio has saved 1,626,068 MWh/yr and has exceeded the compliance target by 30% reflecting all years in Phase IV.
- The portfolio achieved a 105% realization rate in PY17 and 100% overall.

The Company achieved the Phase IV compliance target without carryover savings from Phase III

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Low-Income Savings – MWh



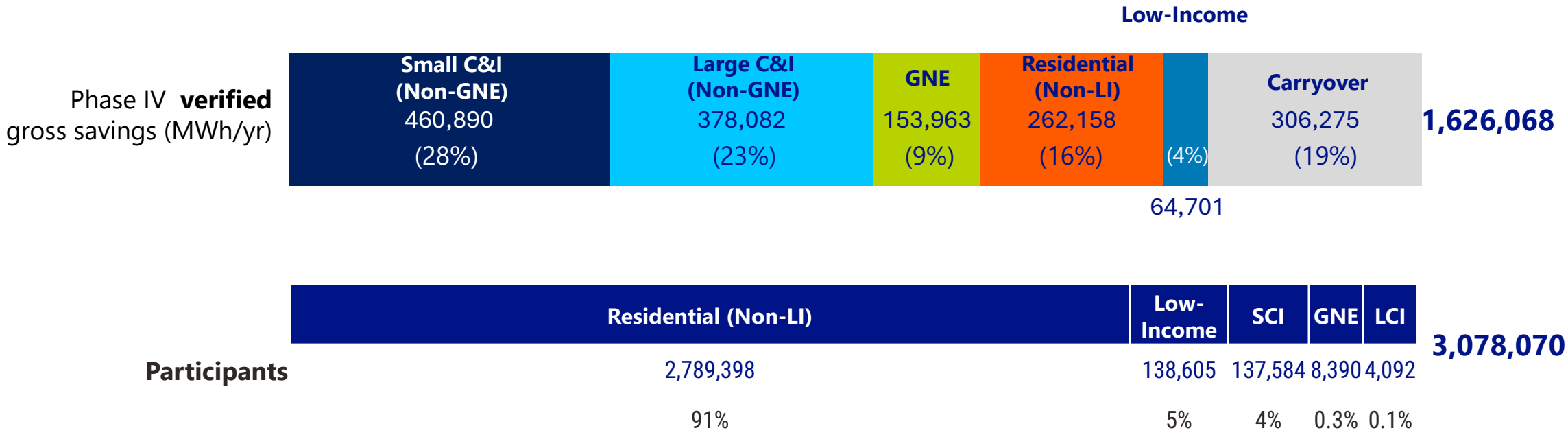
- The Low-Income Program has saved 97,227 MWh/yr and exceeded the compliance target by 34%.

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Sector Savings – MWh

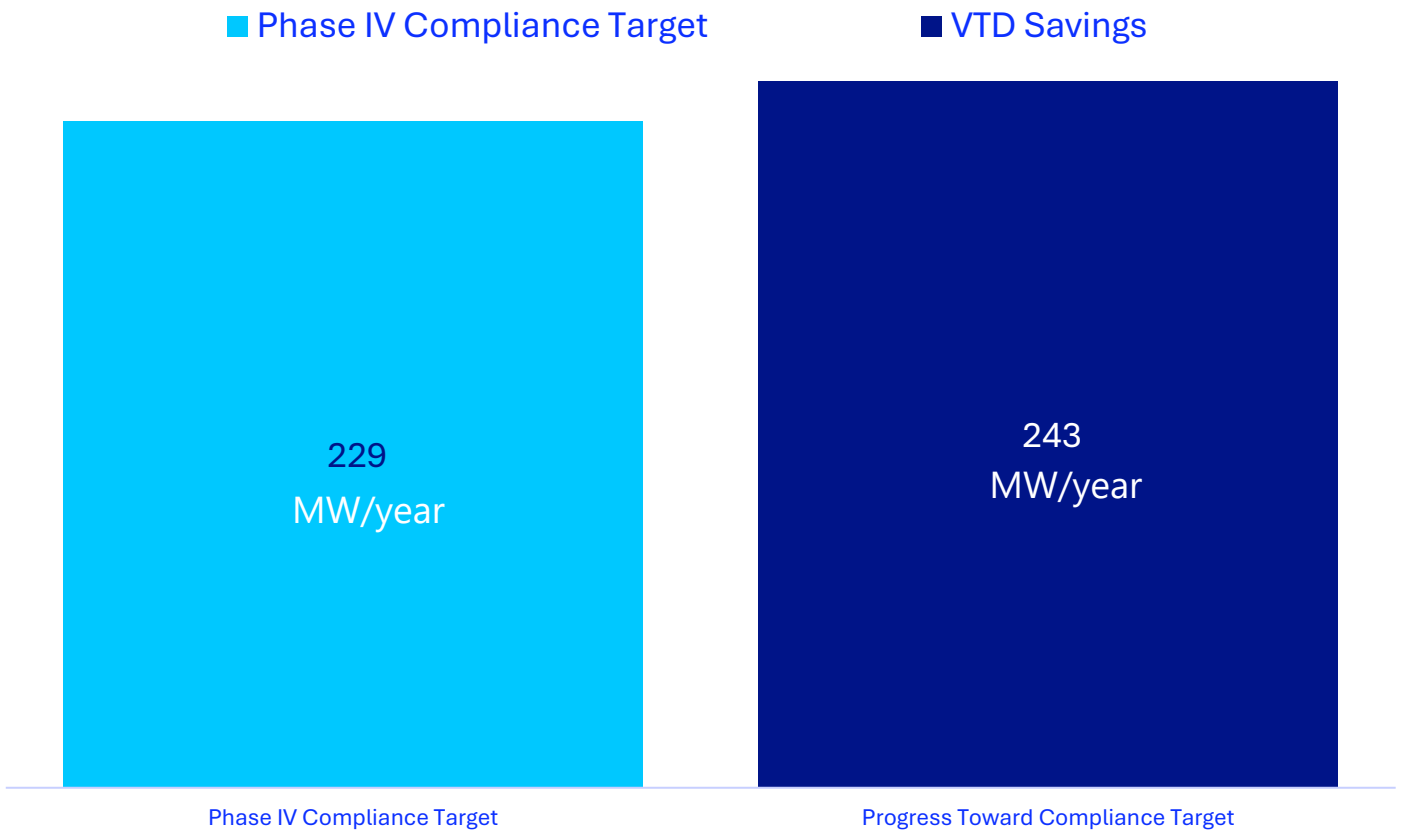
The Small C&I sector achieved the most savings in Phase IV, representing 28% of overall verified gross savings.



Totals may not sum due to rounding.
GNE – Government, nonprofit, and educational sector

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Portfolio Savings – MW



- Reflecting all years in Phase IV, PPL Electric Utilities achieved 106% of its compliance target for demand reductions.
- The portfolio achieved a realization rate of 103% for Phase IV.

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Portfolio Savings – MW

Like energy savings, the Small C&I sector achieved the most demand reductions in Phase IV, representing 40% of overall verified gross demand reductions.



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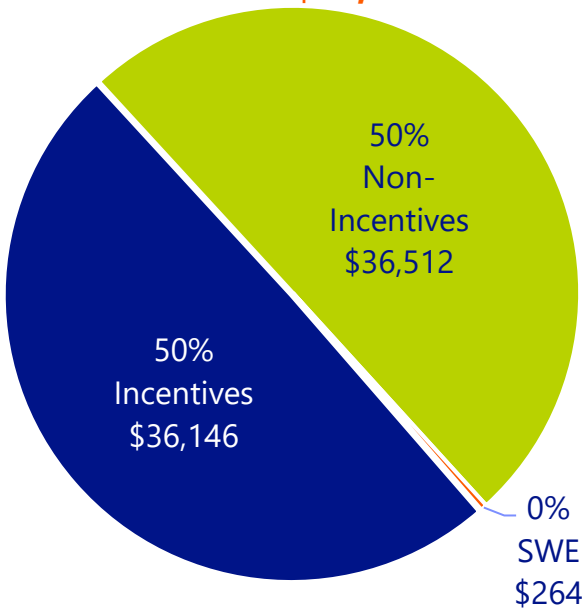
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Portfolio Costs

Across the portfolio, 54% of the total spend went directly to customer incentives. The portfolio achieved TRC is 1.41 in Phase IV, ensuring customer affordability of program offerings.

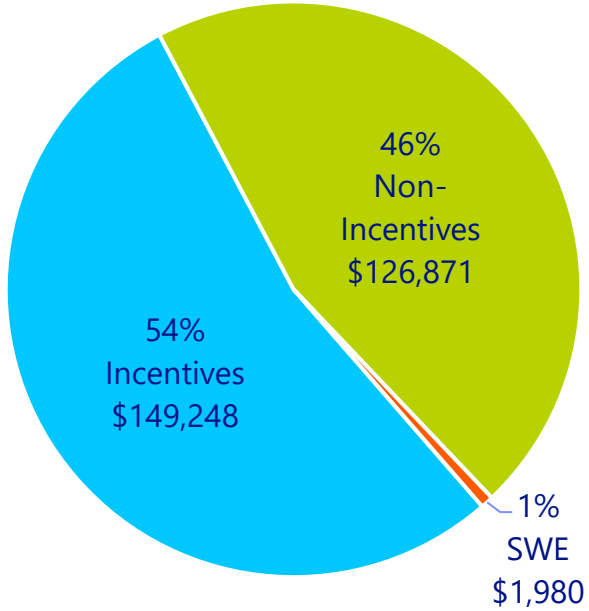
PY17 Portfolio Total Finances ($1,000)

Total = $72,922



Phase IV Portfolio Total Finances ($1,000)

Total = $278,100

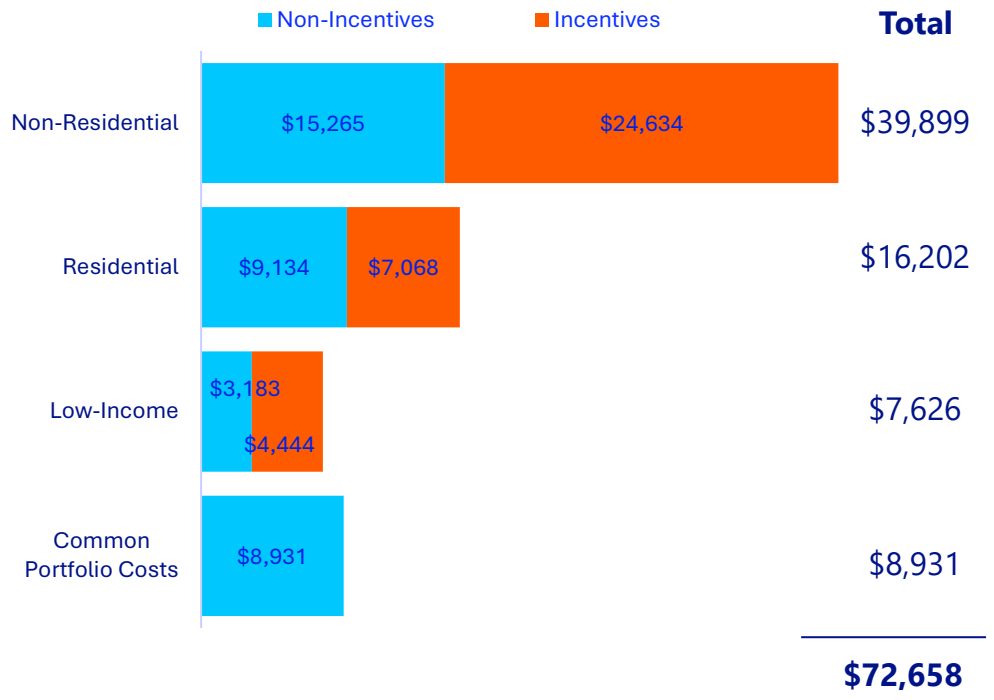


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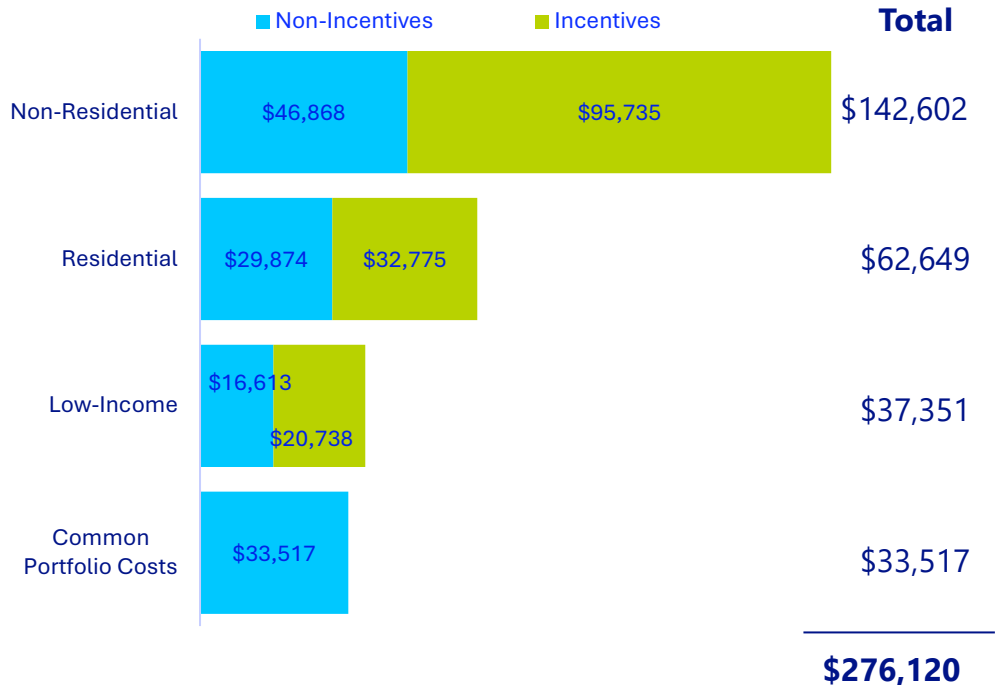
Sector Costs

The Non-Residential sector comprised 52% of Phase IV portfolio costs, Residential 23%, Low-Income 14%, and Common Portfolio Costs 12%.

PY17 Sector Total Finances ($1,000)



Phase IV Sector Total Finances ($1,000)



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Residential Energy Efficiency Program Update

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Residential Program Components

Efficient Homes



Energy Savings

PY17: 32,094 MWh

PTD:

141,825 MWh

Peak Demand

PY17: 4.07 MW

PTD:

16.36 MW

Appliance Recycling



Energy Savings

PY17: 13,523 MWh

PTD:

49,521 MWh

Peak Demand

PY17: 5.51 MW

PTD:

15.32 MW

Student Energy Education



Energy Savings

PY17: 4,929 MWh

PTD:

25,145 MWh

Peak Demand

PY17: 0.55 MW

PTD:

2.62 MW

Home Energy Reports



Energy Savings

PY17: 28,695 MWh

PTD:

36,257 MWh

Peak Demand

PY17: 2.85 MW

PTD:

2.85 MW

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

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Energy Savings

PY17: 32,094 MWh

PTD:

141,825 MWh

Peak Demand

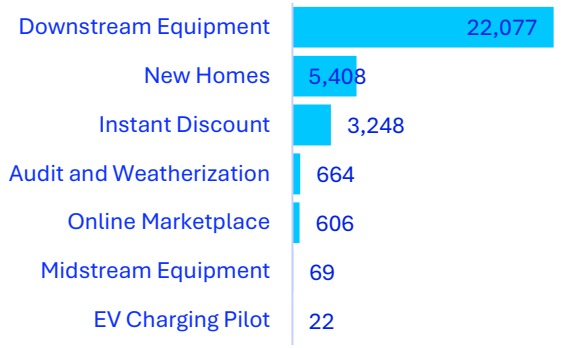
PY17: 4.07 MW

PTD:

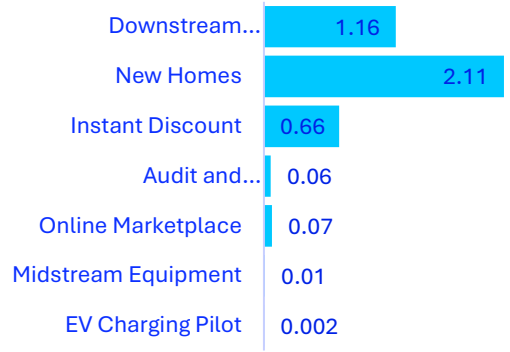
16.36 MW



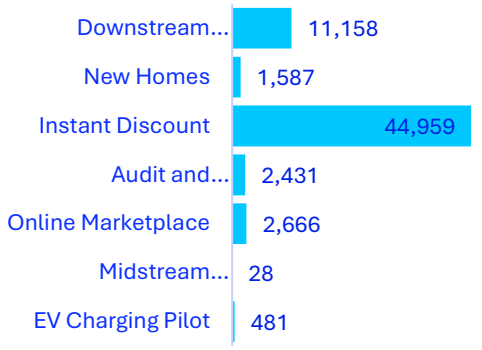
PY17 Verified Energy Savings (MWh/year)



PY17 Verified Demand Reductions (MW/year)



PY17 Participants



- For Instant Discount and Online Marketplace, the number of participants is represented as the number of units.
- EE Homes accounts for 41% of PY17 residential energy savings and 31% of demand reductions.
- 88% customer satisfaction

Energy Efficient Homes

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Energy Savings

PY17: 13,523 MWh

PTD:

49,521 MWh

Peak Demand

PY17: 5.51 MW

PTD:

15.32 MW





Energy Savings

PY17

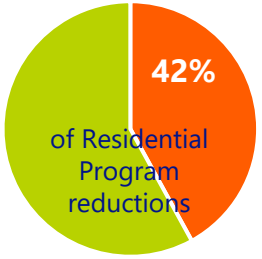


PTD

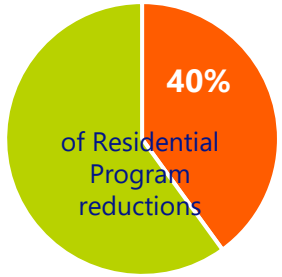


Demand Reductions

PY17



PTD



- Although Appliance Recycling only comprised 19% of Phase IV Residential Program savings, it represented a larger proportion (40%) of demand reductions.
- 97% customer satisfaction

Appliance Recycling Component

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Energy Savings

PY17: 4,929 MWh

PTD:

25,145 MWh

Peak Demand

PY17: 0.55 MW

PTD:

2.62 MW





Energy Savings

PY17

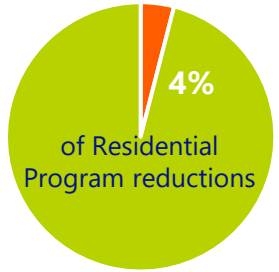


PTD



Demand Reductions

PY17



PTD



- Overall in Phase IV, the SEEE component comprised 10% of energy savings and 7% of demand reductions across the Residential Program.
- 84% customer satisfaction

Student Energy Education

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Energy Savings

PY17: 28,695 MWh

PTD:

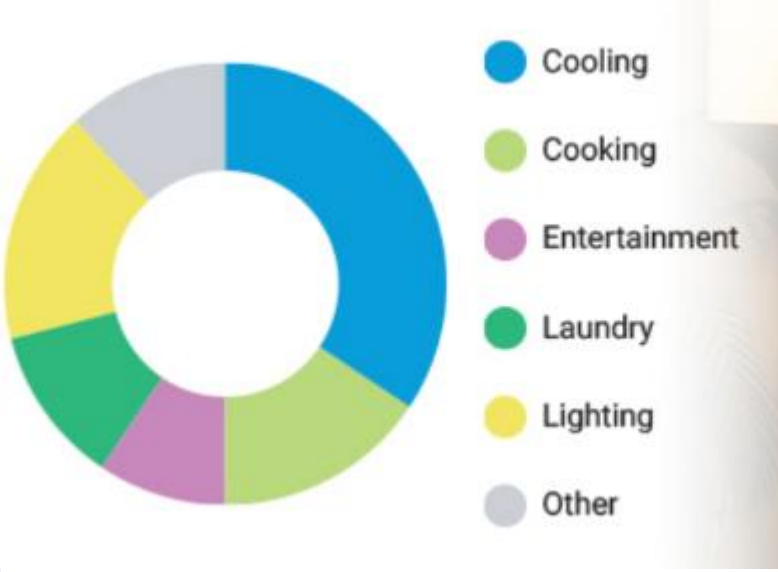
36,257 MWh

Peak Demand

PY17: 2.85 MW

PTD:

2.85 MW







Energy Savings

PY17

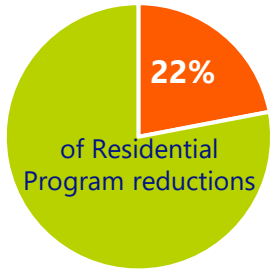


PTD



Demand Reductions

PY17



PTD



- The Phase IV Home Energy Report component comprised 14% of energy savings and 7% of demand reductions across the Residential Program.

Home Energy Reports

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Customer Feedback

Helping a customer recycle an appliance

A customer reached out because they were disappointed to find that their only option for recycling a small unit was through attending an event. They are elderly and couldn't pick up the unit or drive to the event.

1 Drop Off Event

The CSP team offered to pick up their unit and bring it to the Appliance Recycling Drop Off event in Allentown on 9/26, keeping the customers safe, while responsibly recycling their unit.
.

2 Virtual Assessment

“Aubrey was so pleasant to talk to and so informative. It’s rare today to come across someone like Aubrey in any customer service position. I was super impressed! Thank you!!”

3 Appliance Recycling

“”My interactions with PPL recycling have been wonderful. The crew that picked up the freezer were extremely polite and respectful.”

4 Virtual Assessment

“Thanks for the helpful phone call regarding efficiency of my PPL service. Much appreciate your helpful and professional interaction”.

Residential Energy Efficiency Program

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Electric Vehicle Charging Equipment Pilot

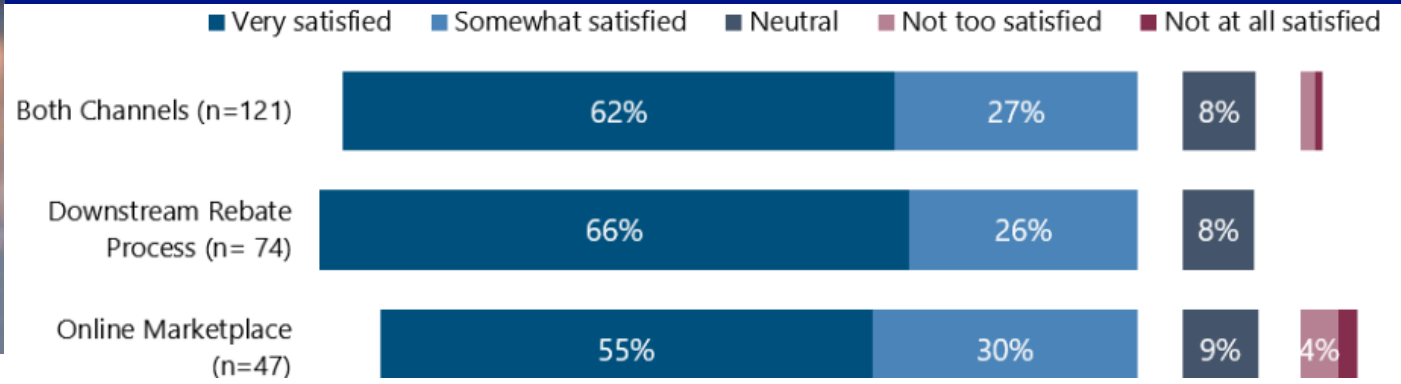
Data analysis and results can be found in the PY17 Annual Report



Key Pilot Take-Aways

- Pilot included Emporia, ChargePoint and Tesla chargers and vehicles
- Average daily plug in time was 7.5 hours
- Identified need to improve visibility through dealerships
- Data sharing issues with Tesla vehicles was identified
- Installation of charging equipment identified as a barrier due to electric work costs
- 73% were interested in EV TOU and EV Managed Charging

Customer Satisfaction – 89% were satisfied



Residential Energy Efficiency Program

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Low-Income Energy Efficiency Program Update

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Energy Savings

PY17: 14,524 MWh

PTD:

97,227 MWh

Peak Demand

PY17: 1.73 MW

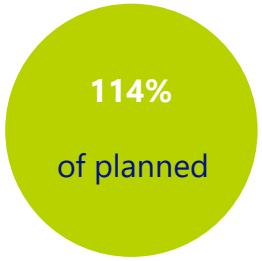
PTD:

7.56 MW



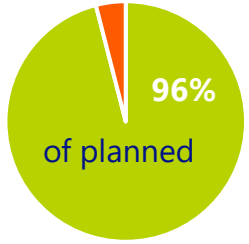


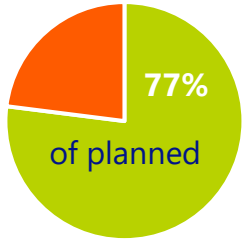
Energy Savings





Demand Reductions





- The program reached 36,534 participants in PY17

Low-Income Energy Efficiency Program

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Energy Education Impact





- In addition to measures, technicians provide education on site that empowers customers to better understand their bill and to take action
- PY17 evaluation results indicate that customers are utilizing the behavioral strategies presented during energy assessments

Low-Income Program

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Program Updates

Transition to Comprehensive

- Phase V shifts the program to a comprehensive focus, with greater emphasis on electric heat customers, as well as increasing tenant participation through landlord outreach

Coordination

- The Company is leading a conversation between CSPs, PPL LIURP, WAP agencies, PA American Water, and UGI to develop a framework for enhanced collaboration.

Identifying New Challenges

- Identifying installation technicians both for the CSP and within the trade ally network is a potential challenge.
- High levels of comprehensive work require new approaches to ensure timely installation; the team is working with local organizations to promote job opportunities



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Customer Feedback

Improved Customer Satisfaction for the Program

- The Company improved customer satisfaction from PY16 to PY17 from **78% to 87%.**
- PPL EU and the CSP introduced new post-audit follow-up communications and improved customer awareness for measure eligibility.

1 Direct Install Measures

"Electric plugs that shut off the TV, video games and appliances were not used in 1 hour. I love that!"

2 In-Home Assessment

"Very happy with the WRAP program! Excellent service from scheduling to installation. The technician was kind, professional, and explained everything very well. Highly recommend!"

3 In-Home Assessment

"Extremely knowledgeable, courteous, and a great Listener! Good communicator, has integrity and takes pride in her work. Highly recommend!"

4 In-Home Assessment

"(The technician) is very nice and very resourceful, he explained everything clearly and I understand so well."

Low-Income Program

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Non-Residential Energy Efficiency Program Update

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Non-Residential Program Components

Efficient Equipment Channels

Downstream



Energy Savings

PY17: 22,594 MWh

PTD: 198,856 MWh

Peak Demand

PY17: 3.62 MW

PTD: 31.64 MW

Midstream



Energy Savings

PY17: 80,409 MWh

PTD: 192,775 MWh

Peak Demand

PY17: 15.96 MW

PTD: 38.78 MW

Direct Discount



Energy Savings

PY17: 11,805 MWh

PTD: 93,410 MWh

Peak Demand

PY17: 2.18 MW

PTD: 13.32 MW

Custom



Energy Savings

PY17: 128,202 MWh

PTD: 506,843 MWh

Peak Demand

PY17: 27.27 MW

PTD: 112.78 MW

Additionally, Direct Install contributed 55 MWh and 0.01 MW to the Non-Residential Program total.

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Energy Savings

PY17: 22,594 MWh

PTD: 198,856 MWh

Peak Demand

PY17: 3.62 MW

PTD: 31.64 MW

Energy Savings: Downstream Lighting

Phase IV
187,679 MWh/yr



PY17
19,938 MWh/yr



Energy Savings: Downstream Equipment

Phase IV
11,177 MWh/yr



PY17
2,655 MWh/yr



- Downstream lighting projects comprised most of the savings generated by the downstream channel and accounted for 19% of Phase IV energy savings for the Non-Residential Program.

Efficient Equipment – Downstream Energy Savings

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Energy Savings

PY17: 22,594 MWh

PTD: 198,856 MWh

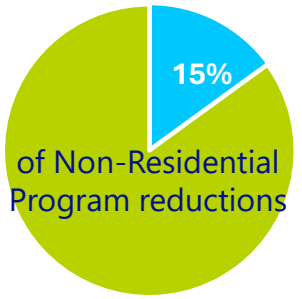
Peak Demand

PY17: 3.62 MW

PTD: 31.64 MW

Demand Reductions: Downstream Lighting

Phase IV
30.04 MW/yr



PY17
3.23 MW/yr



Demand Reductions: Downstream Equipment

Phase IV
1.60 MW/yr



PY17
0.39 MW/yr



- Downstream lighting projects comprised 15% of the demand reductions generated by the Non-Residential Program in Phase IV.

Efficient Equipment – Downstream Demand Reductions

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Energy Savings

PY17: 80,409 MWh

PTD:

192,775 MWh

Peak Demand

PY17: 15.96 MW

PTD:

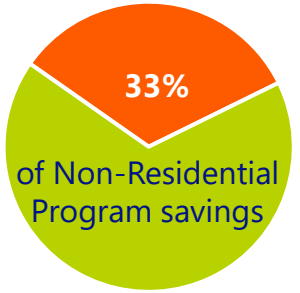
38.78 MW

Energy Savings: Midstream Lighting

Phase IV
190,251 MWh/yr



PY17
79,739 MWh/yr



Energy Savings: Midstream Equipment

Phase IV
2,523 MWh/yr



PY17
670 MWh/yr



Efficient Equipment – Midstream Energy Savings

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Energy Savings

PY17: 80,409 MWh

PTD:

192,775 MWh

Peak Demand

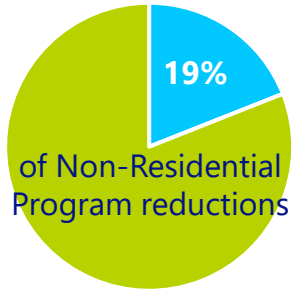
PY17: 15.96 MW

PTD:

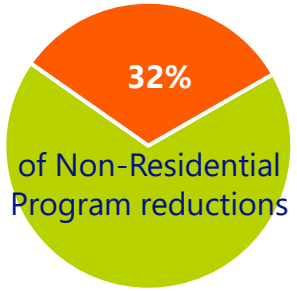
38.78 MW

Demand Reductions: Midstream Lighting

Phase IV
37.79 MW/yr



PY17
15.70 MW/yr



Demand Reductions: Midstream Equipment

Phase IV
0.98 MW/yr



PY17
0.26 MW/yr



- As with energy savings, lighting projects comprised most of the demand reductions generated by the Midstream channel and about 19% of total Phase IV reductions for the Non-Residential Program.

Efficient Equipment – Midstream Peak Demand

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Energy Savings

PY17: 11,805 MWh

PTD:

93,410 MWh

Peak Demand

PY17: 2.18 MW

PTD:

13.32 MW

Energy Savings: Direct Discount Lighting

Phase IV
88,000 MWh/yr



PY17
10,121 MWh/yr



Energy Savings: Direct Discount Equipment

Phase IV
5,410 MWh/yr



PY17
1,683 MWh/yr



Direct Discount Energy Savings

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Energy Savings

PY17: 11,805 MWh

PTD:

93,410 MWh

Peak Demand

PY17: 2.18 MW

PTD:

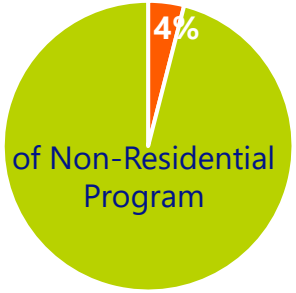
13.32 MW

Demand Reductions: Direct Discount Lighting

Phase IV
12.10 MW/yr



PY17
1.75 MW/yr



Energy Savings: Direct Discount Equipment

Phase IV
1.22 MW/yr



PY17
0.43 MW/yr



Direct Discount Demand Reductions

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Energy Savings

PY17: 128,202 MWh

PTD:

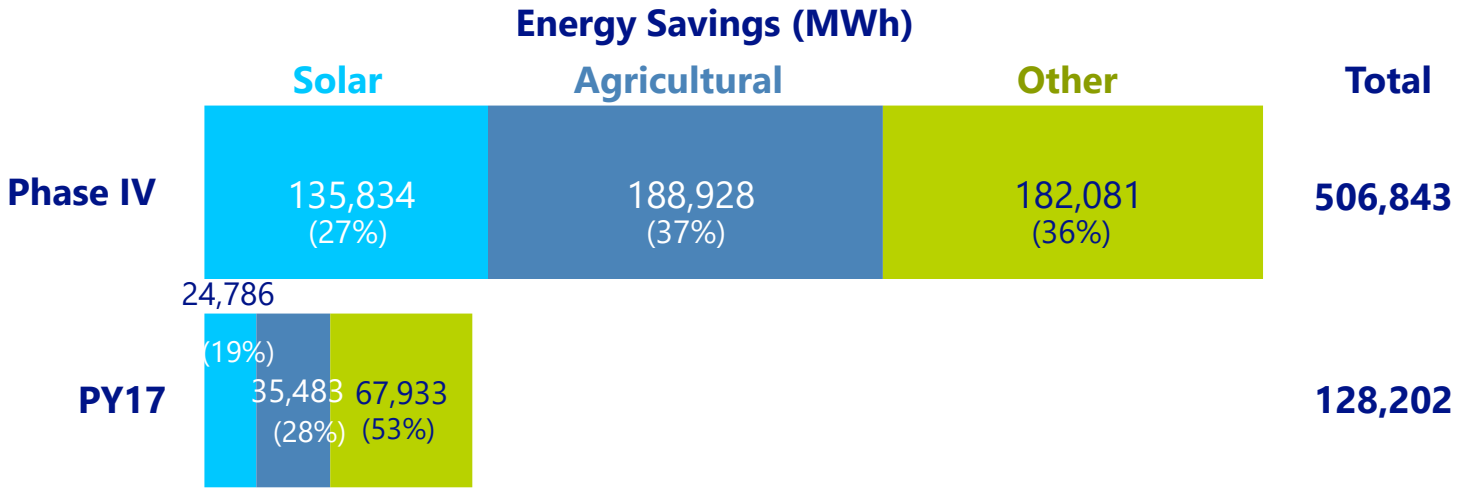
506,843 MWh

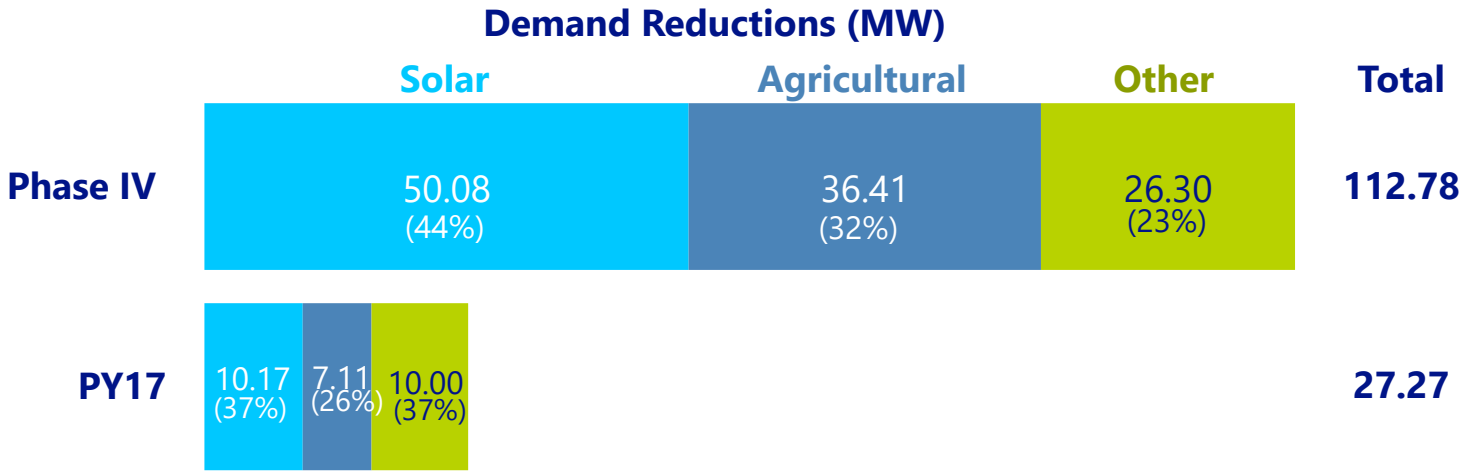
Peak Demand

PY17: 27.27 MW

PTD:

112.78 MW





- For the Custom program in Phase IV, Agricultural projects contributed the most to energy savings (37%), while Solar projects contributed the most to demand reductions (44%).

Custom

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Program Highlights from PY17



Customer Satisfaction – 92% were satisfied

- Custom Component – 100%
- Efficient Equipment – 83%
- Drivers include rebate amount and energy savings, as well as good communication with the CSP
- Areas of opportunity include streamlining the application process; additional enhanced made for Phase V

Customer Participation – 6,310 customers in PY17

- Small C&I: 3,883
- Large C&I: 771
- GNE: 1,656
- $24.63M in customer incentives

Non-Residential Program

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Questions & Answers

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PARTNERS IN POWER

Thank you!

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