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September 1, 2026

MEMORANDUM

TO: Council Members

FROM: Laura Thomas, RTF Manager

SUBJECT: 2025 Regional Conservation Progress Report

BACKGROUND:

Presenter: Laura Thomas

Summary: On behalf of the Council, the Regional Technical Forum conducts an annual data collection of the region's energy efficiency programs to understand the savings from conservation and associated expenditures from the prior year. This regional savings data collection and reporting process is known as the Regional Conservation Progress (RCP) survey and report. The intention of the RCP is to track and report the region's progress relative to the Council's Power Plan goals.

The 2021 Power Plan included a conservation program for Bonneville and the region, which included the establishment of a goal range of 750 aMW to 1,000 aMW of cost-effective conservation acquisition by the end of the six-year action plan period (2022-2027). The Conservation Program also included additional actions to support a robust conservation program for the region.

At this meeting, staff will present the 2026 RCP report, which provides an update on the fourth year of the region's progress relative to the energy efficiency goals in the Council's 2021 Power Plan. The report comprises data from all the energy efficiency programs in the region, including Bonneville and its customers, Energy Trust of Oregon, and the Northwest Energy Efficiency Alliance (NEEA). These data

provide an understanding of the cost-effective energy savings relative to the 2021 Power Plan acquired in the region and related expenditures for 2025. The report also details the savings acquired that support other goals of the 2021 Plan's conservation program.

Relevance: The Power Act requires that the Council's power plan include an energy conservation program to be implemented. This report provides an annual update to the Council on the region's progress towards achieving the goals set out by the Council's power plan.

Workplan: A. 1. 1. Tracking and reporting on energy efficiency accomplishments relative to the 2021 Power Plan Conservation Program.

Background: The Council is required to put forth a "general scheme for implementing conservation measures and developing resources...to reduce or meet the Administrator's [Bonneville's] obligations." The Power Act also requires that the Council's power plan include specific elements, specifically, an energy conservation program including model conservation standards.

In the 2021 Power Plan, the Council included the following elements in the energy conservation program:

- **Conservation Targets:** The Council recommended that the region acquire between 750 and 1,000 average megawatts of cost-effective energy efficiency savings by the end of 2027. In this plan, the cost-effective energy efficiency is represented by those measures with a levelized cost at or below \$30-40 per megawatt hour (in 2016\$). The Plan also set conservation targets for Bonneville between 270 and 360 average megawatts of cost-effective energy efficiency by 2027, with a minimum of 243 average megawatts from programmatic savings. Bonneville's target represents 36 percent of the regional goal and was derived based on the portion of cost-effective energy efficiency potential in Bonneville customers' service territories. The Council's mid-term assessment of the 2021 Plan concluded that the region achieving only the low end of the target range posed an adequacy risk for the region.
- **Weatherization:** The Plan recommended that the region continue to invest in weatherization programs, specifically targeting those homes that have little to no insulation or are leaky and in need of duct or air sealing. Weatherization has historically been a cost-effective resource, and the region has made significant strides in this area since the early days of the Power Act. The Council recognized that while many of the weatherization measures were no longer considered cost-effective under the 2021 Power Plan, addressing the remaining homes with little to no insulation was important for livability of Northwest residents.
- **Ensuring a robust program for utilities with a rural customer base:** In the 2021 Plan, residential and agricultural sectors saw a large shift in the

amount of available cost-effective efficiency. The Council recognized that it was important to have options in support of all customers and recommended that Bonneville and the region provide territory-wide programmatic opportunities for efficiency.

- Support jurisdictions with decarbonization goals: In the Model Conservation Standards, the Plan recognized that some jurisdictions in the region may be required under their local or state government to pursue decarbonization. The 2021 Plan included a model conservation standard requiring that any electrification pursued in these jurisdictions be done so efficiently. While many of the measures that would support efficient electrification were not cost-effective under the 2021 Power Plan target; however, based on scenario analysis the Council recognized that those same measures would likely be cost-effective for those jurisdictions with decarbonization goals.

The Regional Technical Forum per its charter is responsible for tracking the region's progress against the conservation program, including the plan's conservation targets, and additional actions to ensure a robust energy efficiency program.

More info: The final report for the 2024 Regional Conservation Progress report can be found here: <https://rtf.nwcouncil.org/about-rtf/conservation-achievements/2024/>.

2025 Regional Conservation Progress Survey Results

September 9, 2026

Council Meeting

Laura Thomas, RTF Manager



Northwest **Power** and
Conservation Council



Regional
Technical Forum

What is the Regional Conservation Progress (RCP) Survey?

Congressional Direction

Tasked the RTF with “ensuring the region continues to meet the...Council’s targets for securing cost-effective conservation”



Power Plan

Sets program targets for the region to achieve.



RCP

Survey that serves as an annual progress report against the Plan targets.

Conservation Program Elements



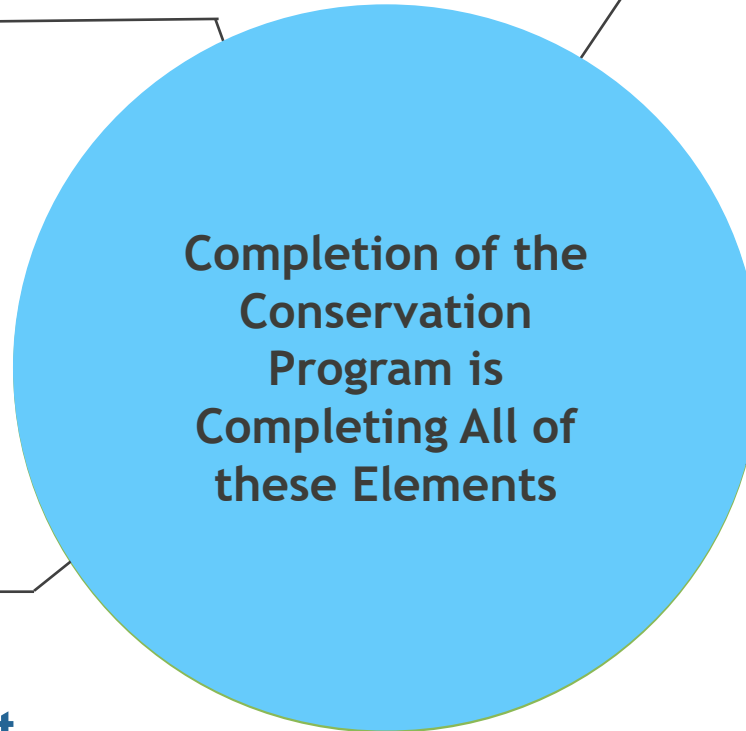
BPA Programmatic Target

243 aMW of programmatic savings represents 90% of total Bonneville target



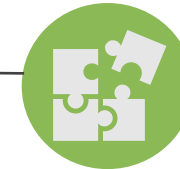
Plan Conservation Target

Total regional cost-effective conservation target 750-1,000 aMW



Total BPA Target

270-360 aMW of all savings including programmatic and market savings



Recommendations and MCS Program Elements

Recommendations (ex. weatherize homes missed by previous programs) and Model Conservation Standard (MCS)

Types of Conservation Savings in the 2025 RCP

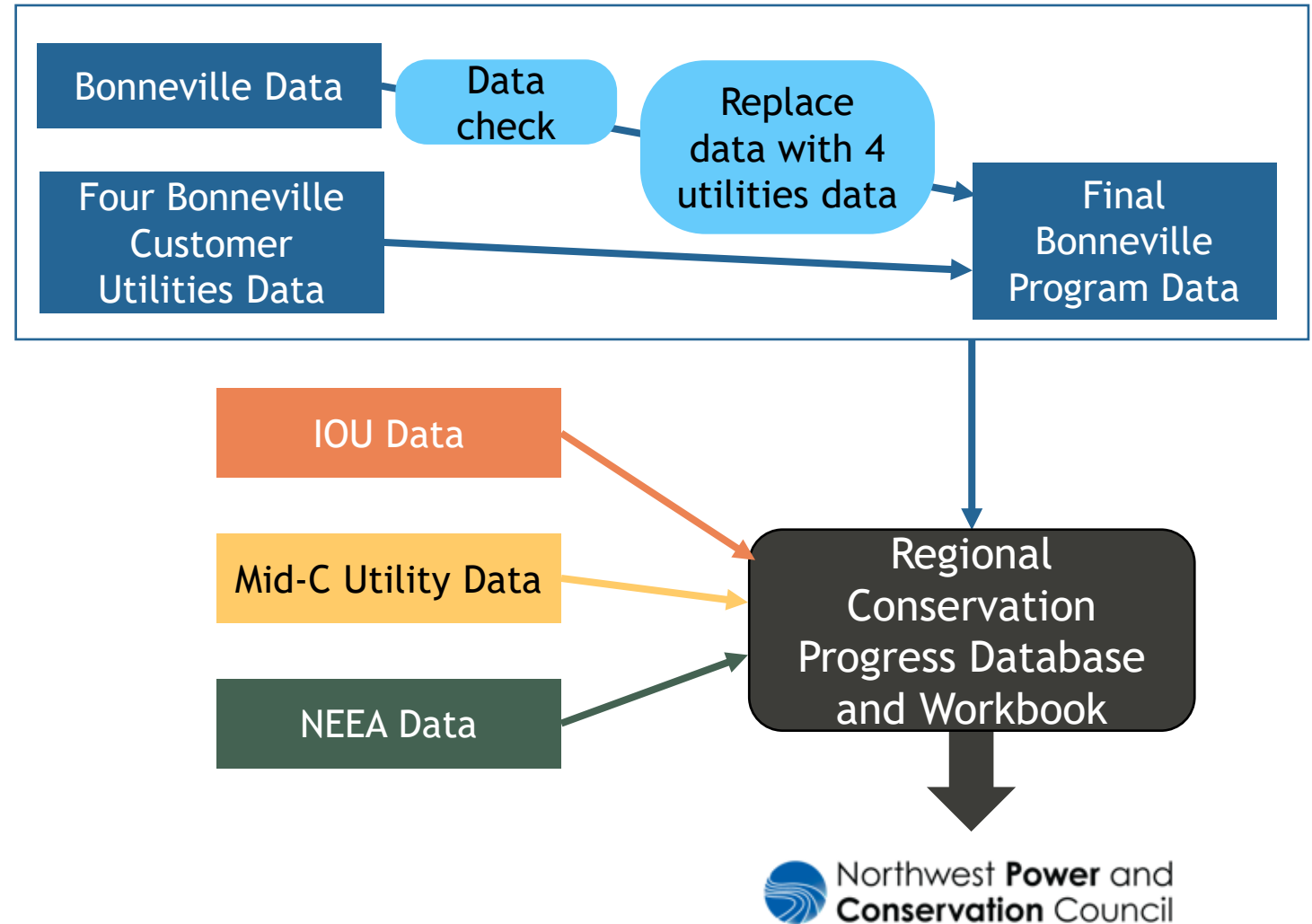
Program
Savings

NEEA
Initiative
Savings

Codes and
Standards

RCP Data Collection

- 2025 Savings
 - As much detail as possible
- 2025 Expenditures
 - Aiming for total expenditures
- 2026-2027 Projections
 - Forecasted savings and expenditures where available
- 2022-2024 Savings and Expenditures
 - Corrections from previous data submissions
 - Minor corrections to cost-effectiveness and taxonomy mapping in RCP



State Energy Efficiency Program Data Collection

- Through 2024, we became increasingly aware of the impact that state energy efficiency programs are having on helping the region capture conservation. Given this, the 2025 RCP included an effort to collect energy efficiency program data from the states and received data from:
 - Oregon Department of Energy
 - Washington Department of Commerce
 - Idaho Office of Energy and Mineral Resources
- Some of the state programs can operate in tandem to allow customers to stack incentives or are implemented directly by the utility program
 - Given this, we believe that the data we received from Bonneville, IOUs, Mid-Cs, and Energy Trust likely capture most of the savings and some of the costs from state programs
 - Today, we will be highlighting some state achievements separately as it does demonstrate the impact of state programs

Acknowledgements

- Jennifer Light
- Christian Douglass
- Kevin Smit
- Consultants
 - BrightLine Group
 - Nauvoo Solutions

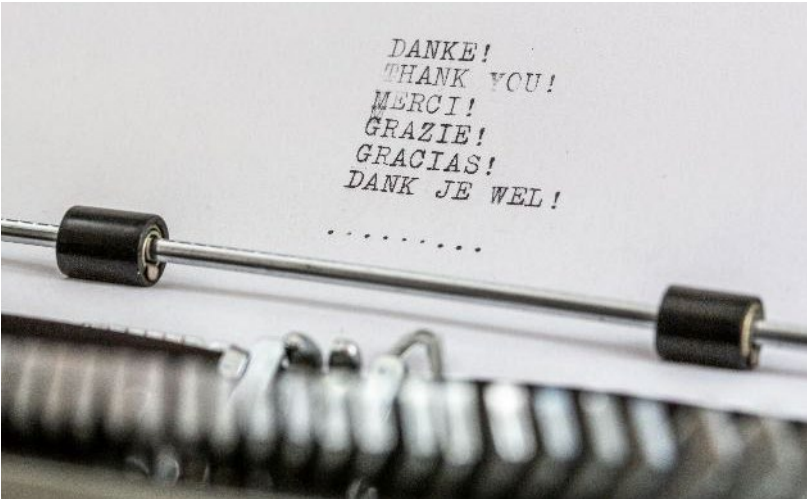


Photo by [Wilhelm Gunkel](#) on [Unsplash](#)

Thank you to the Regional Programs who provided data:

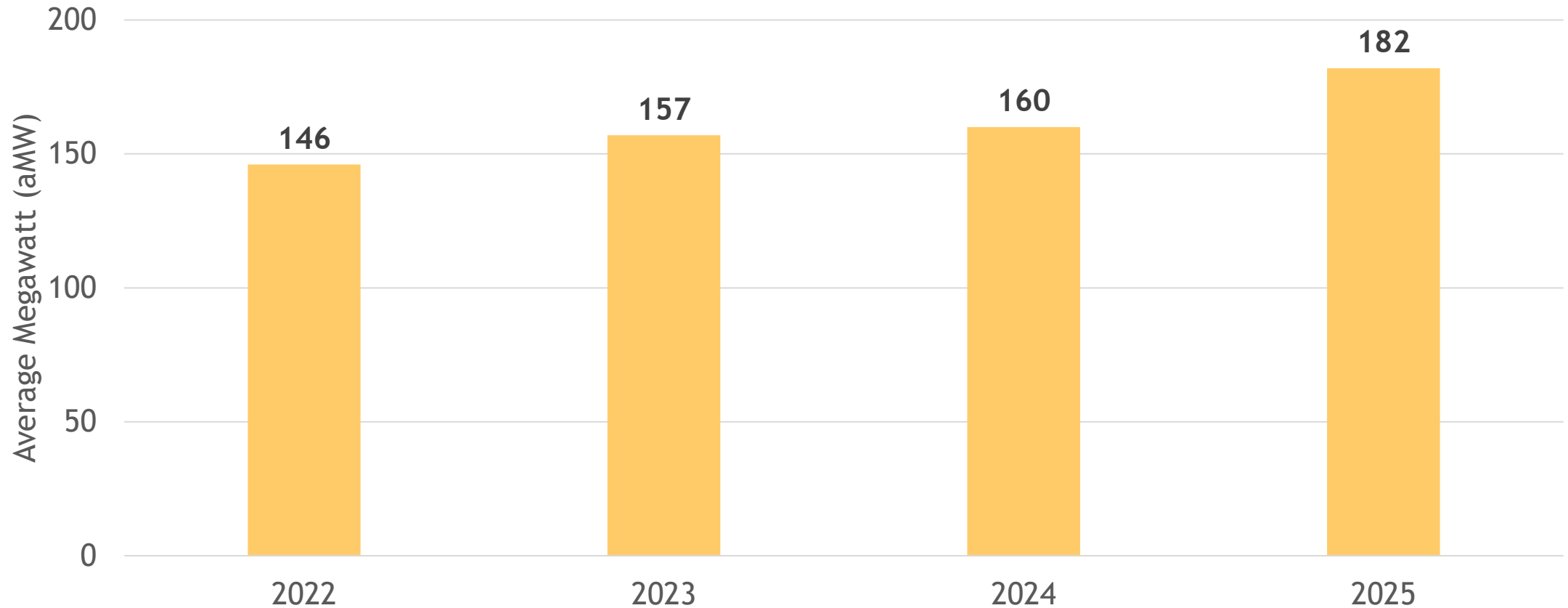
- Bonneville Power Administration
- Puget Sound Energy
- NorthWestern Energy
- Avista
- Idaho Power
- Energy Trust of Oregon
- PacifiCorp
- Chelan County PUD
- Grant County PUD
- Douglas County PUD
- Northwest Energy Efficiency Alliance
- Oregon Department of Energy
- Washington Department of Commerce
- Idaho Office of Energy and Mineral Resources
- BPA Utilities:
 - Seattle City Light
 - Snohomish County PUD
 - Tacoma Power
 - Clark PUD
 - Big Bend
 - Central Electric Co Op
 - City of Burley
 - Clallam PUD
 - Cowlitz PUD
 - Eugene Water & Electric Board
 - Franklin PUD
 - Lewis PUD
 - Mason 3 PUD
 - Peninsula Light & Co
 - Salem Electric
 - Umatilla



2025 RCP Results

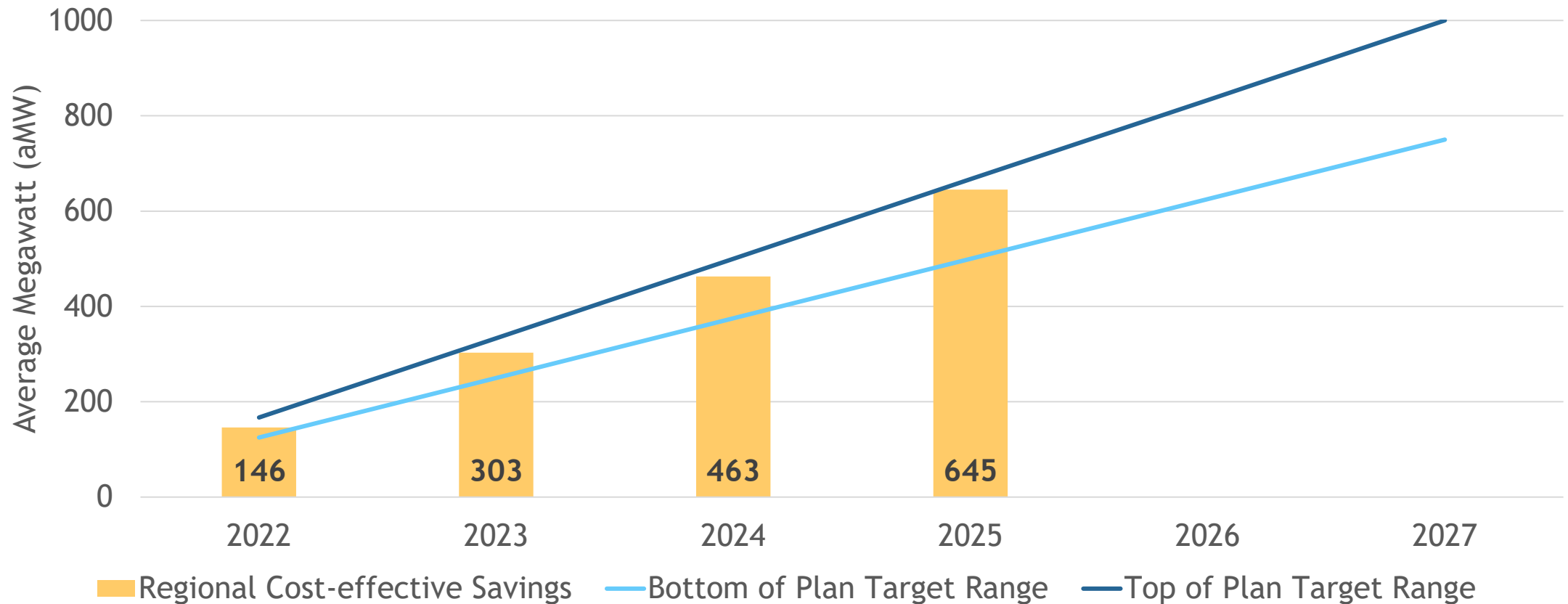
The Region Achieved 182 aMW of Cost-effective Savings in 2025

Regional Cost-effective Savings by Year



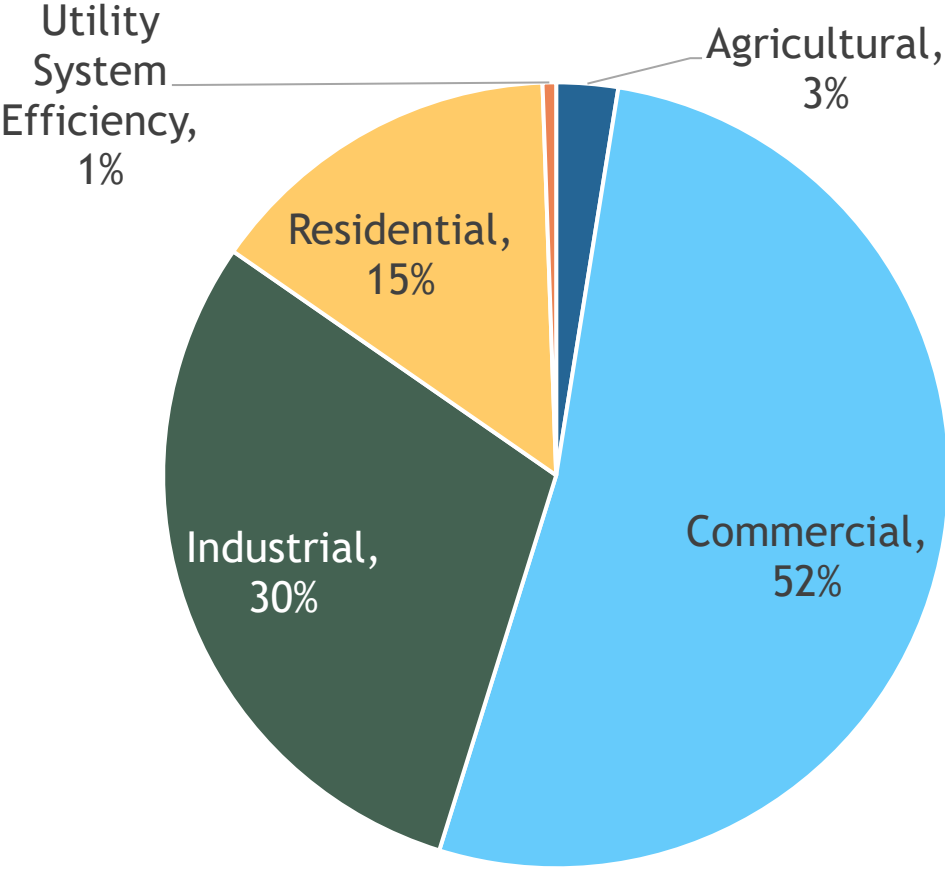
Region Continues to Stay on Track Relative to the 2021 Power Plan Target

Cumulative Accomplishments Relative to Power Plan Targets

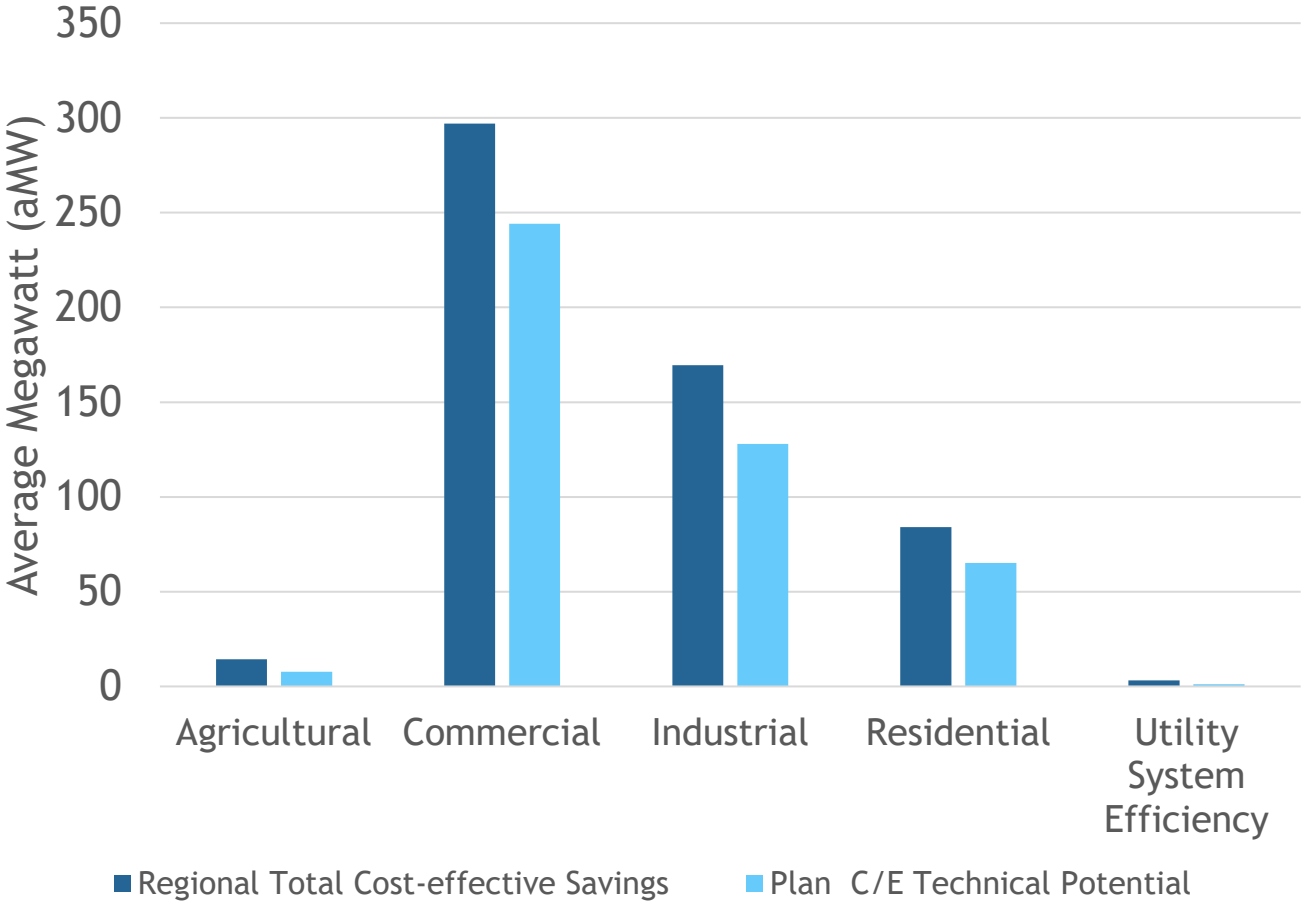


Cost-effective Program Savings by Sector

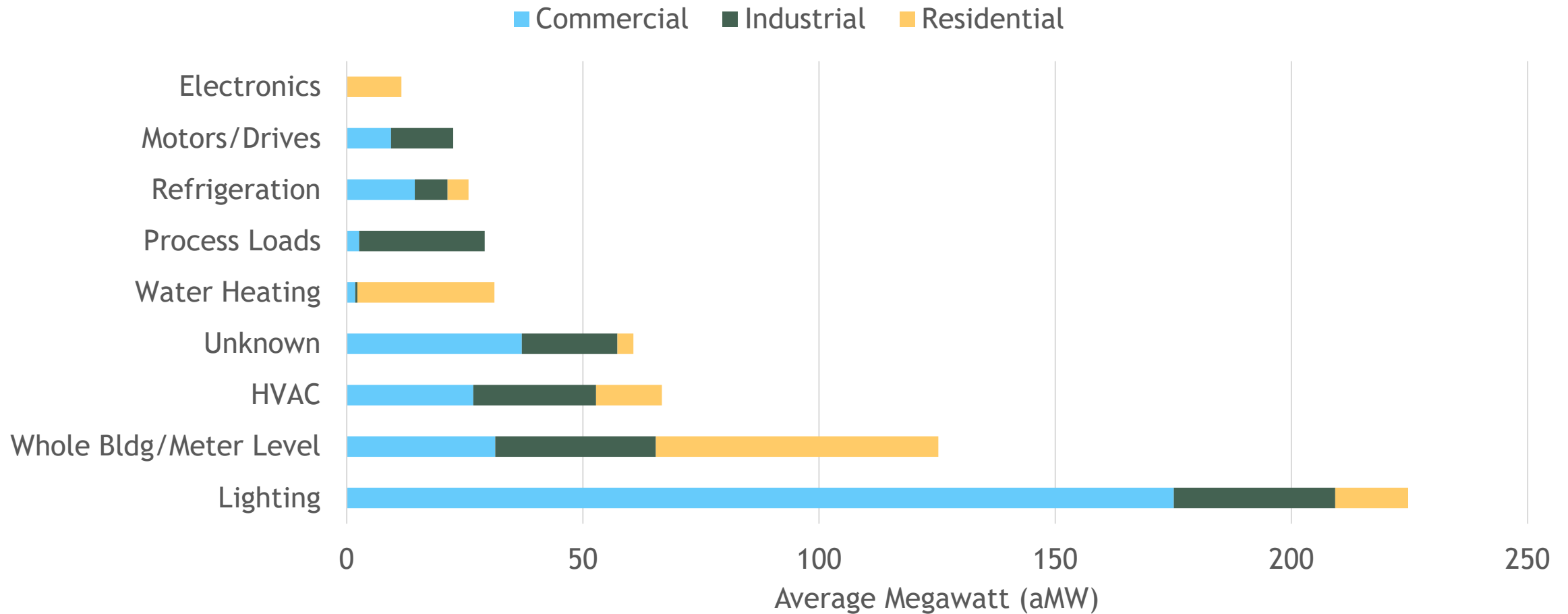
Percentage of Savings by Sector for 2022-2025



Regional Cumulative Cost-effective Program Savings and Cumulative Plan Cost-effective Technical Potential for 2022-2025



2022-2025 Cost-effective Program Savings by End Use and Sector



Trends in Program Savings Over Plan Period



Residential Lighting

- Seeing the expected steady decrease in residential lighting savings as steady energy efficiency program work over the past 20 years have captured the savings from this end use and transformed the market



Commercial Sector

- Commercial lighting savings representing a large portion of both commercial sector and total regional savings but need for new programs as lighting opportunities expected to diminish
- NEEA paving the way for new commercial motor and drives programs in the future



New Industrial Programs

- Seeing the emergence of new programs for fans and pumps, including the first fan program savings in the RCP from BPA

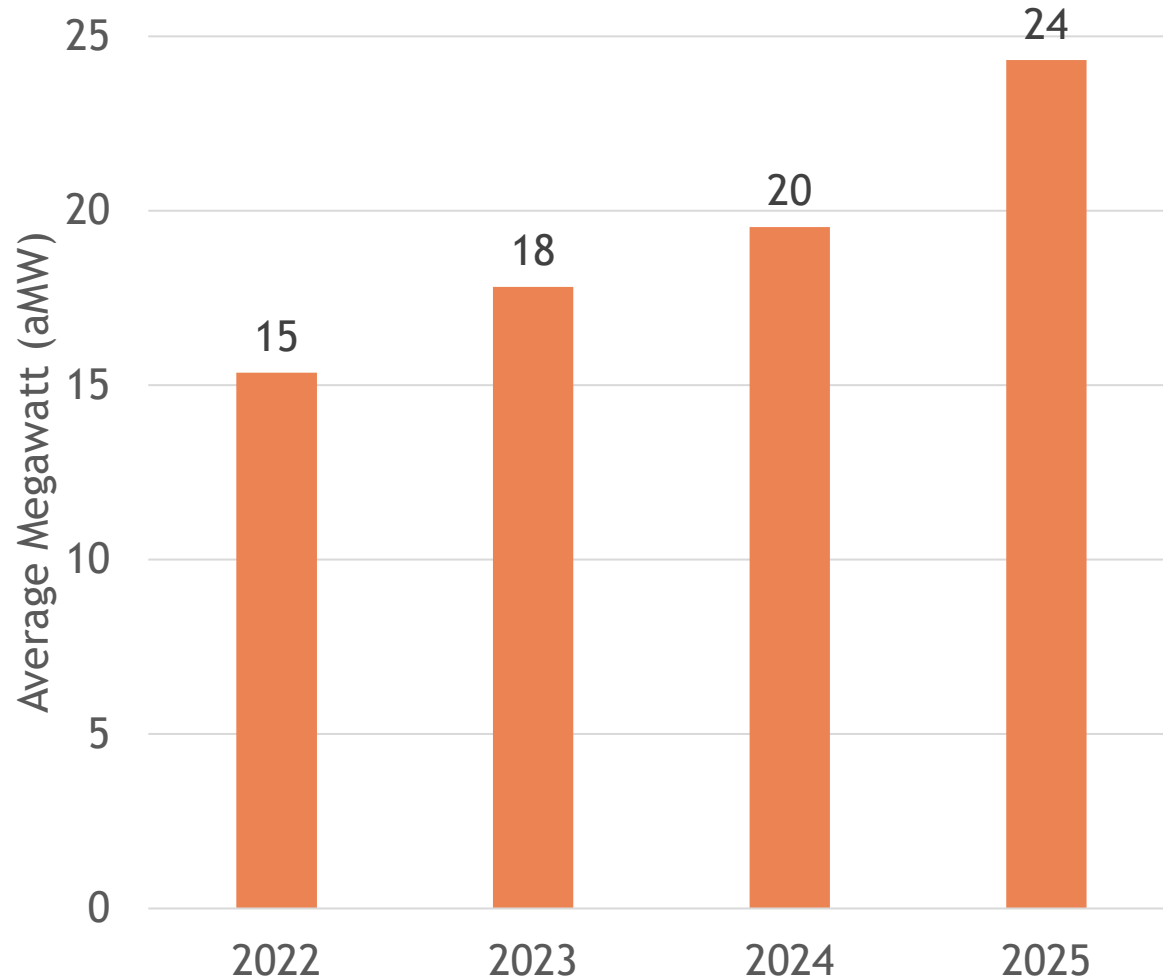


Short Measure Life

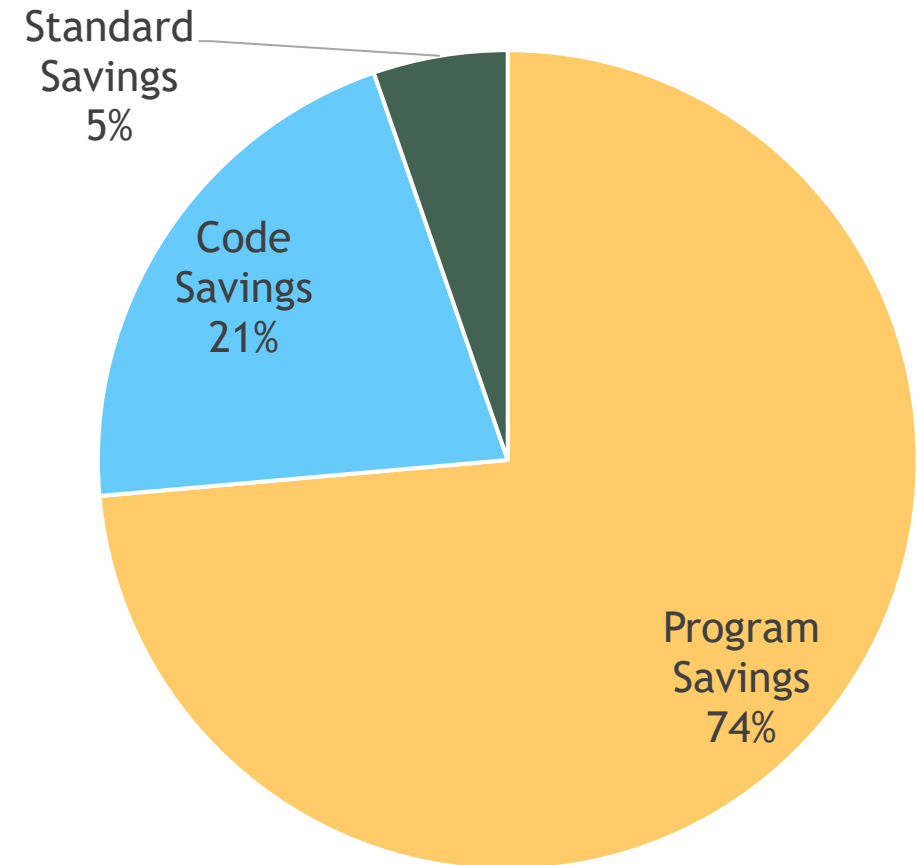
- Seeing an increase in programs with short measure lives (1-2 years), which has the potential for utilities to claim savings multiple times at the same location. This in turn has the potential to overstate savings relative to the Plan target. Staff continues to work with the region to understand the long-term resource and may adjust savings accordingly

NEEA Achieved 24 aMW in Savings in 2025

NEEA Savings from 2022-2025



NEEA Savings from 2022-2025 by Type

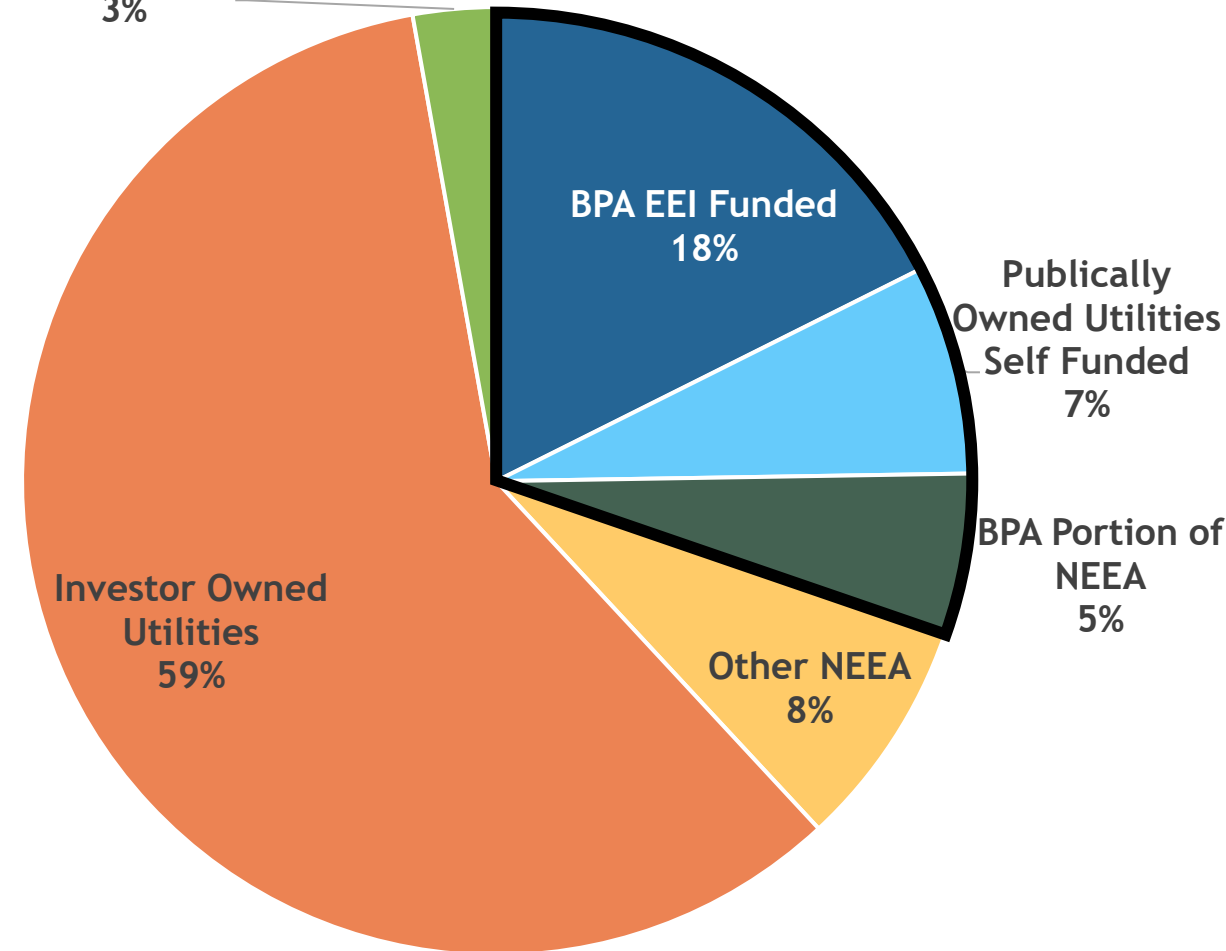


Regional Savings Across Funding Mechanisms

Funding Mechanism	Total Regional Savings 2022-2025 (aMW)
BPA EEI Funded	95
POU Self Funded	50
NEEA Savings	77
Mid-C	17
IOUs	406

2025 Cost-effective Savings by Funding Mechanism

Mid Columbia Utilities
3%



Bonneville Savings

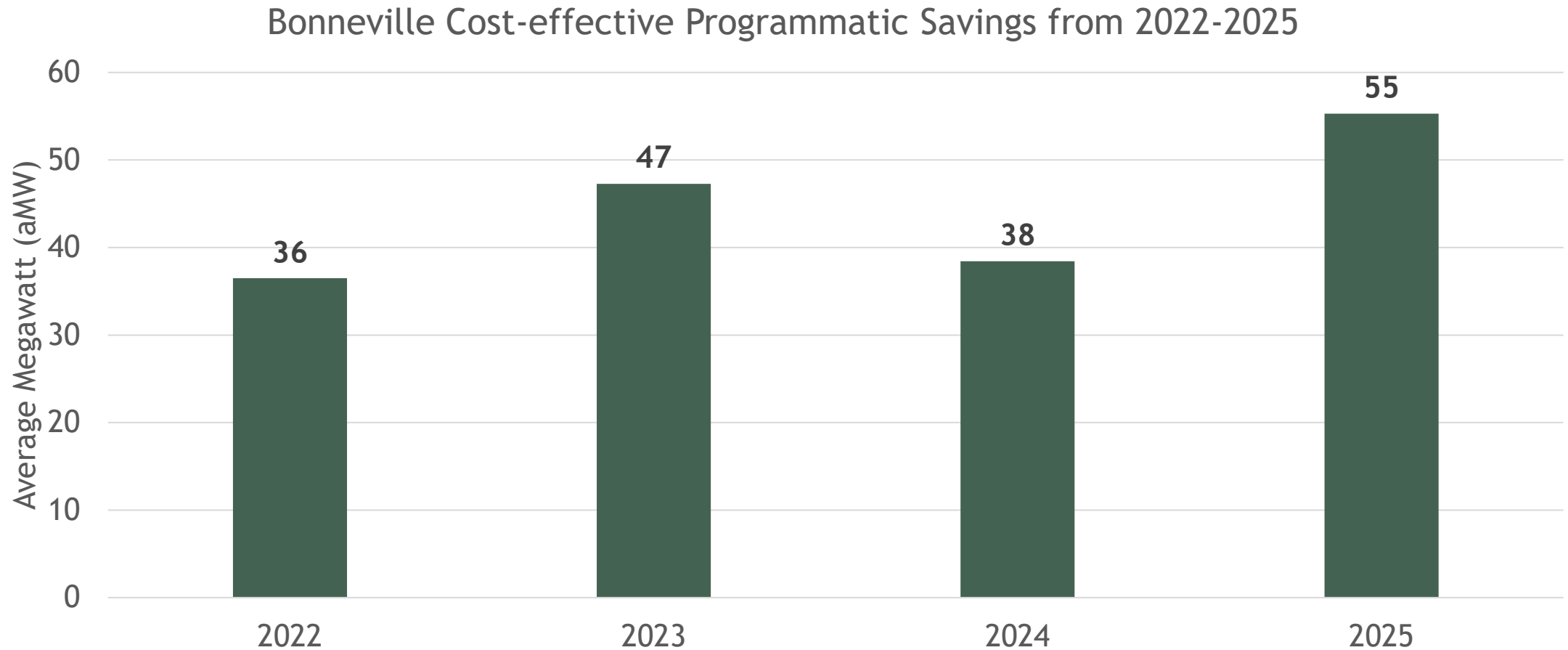
Determining BPA's Savings for 2025 RCP

BPA's savings represent:

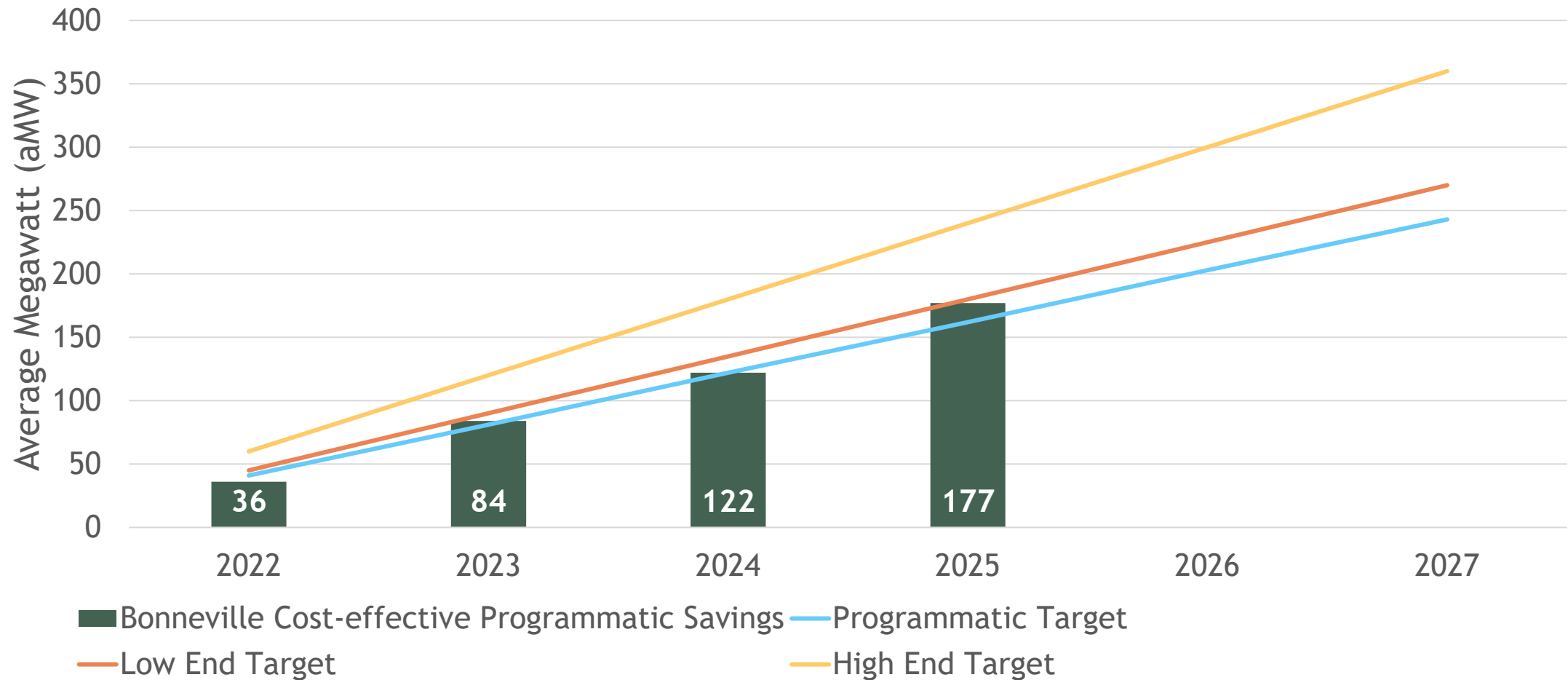
- Program Savings  Note, this includes all EEI and Self-funded efficiency
- Proportional accomplishments from regional mechanisms



Bonneville Achieved 55 aMW in Programmatic Cost-effective Savings in 2025

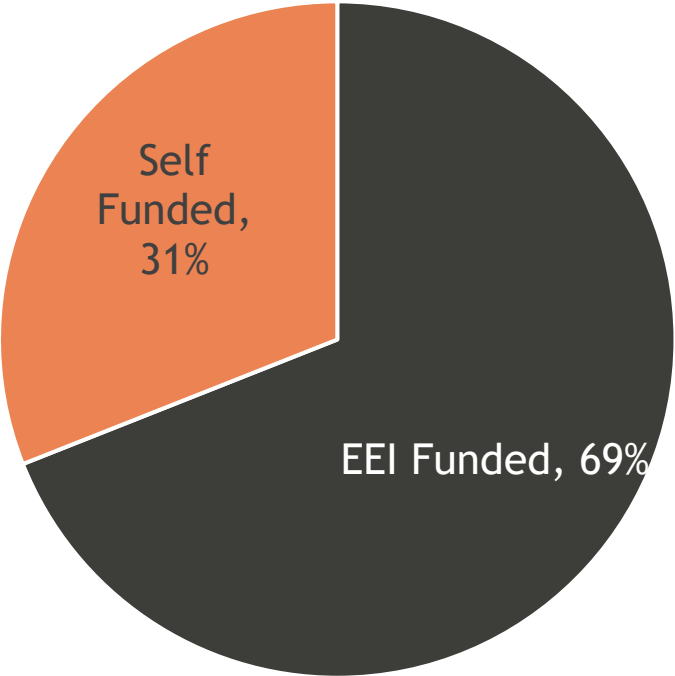


Bonneville's Cumulative Cost-effective Savings Compared to the Plan's Programmatic Target



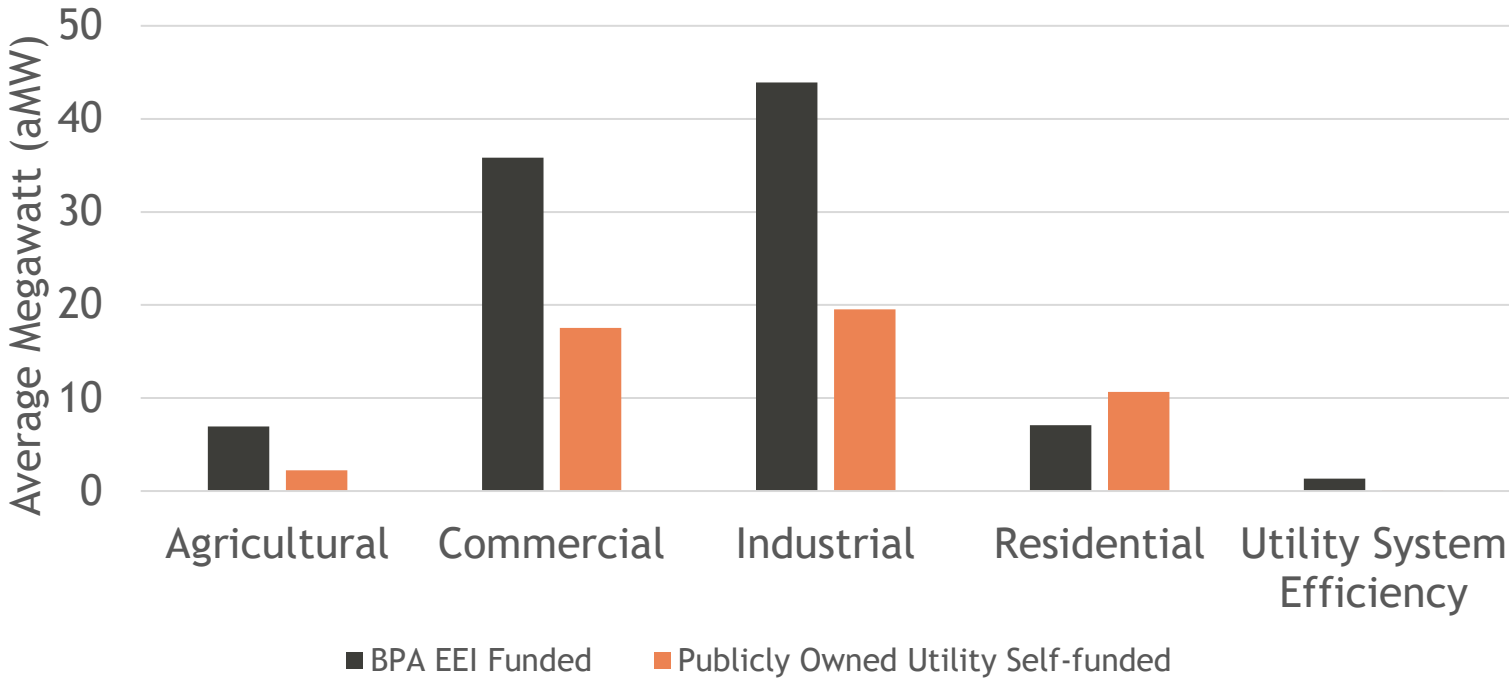
Bonneville Cost-effective Program Savings by Funding Type

2024-2025 Rate Period



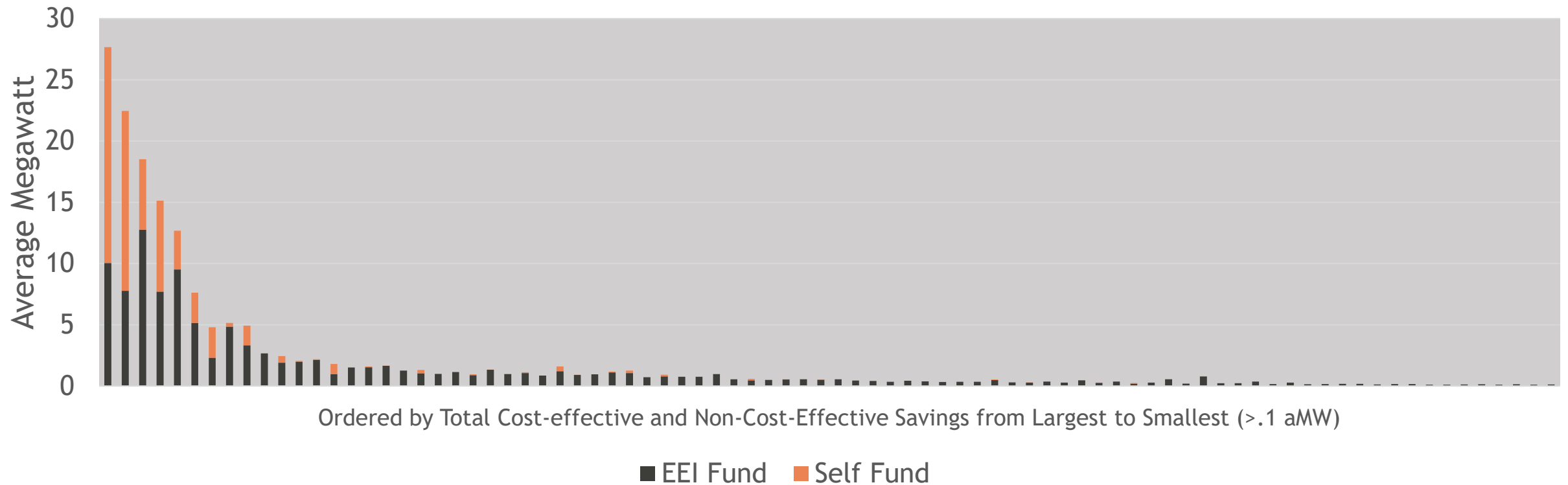
Rate Period	Self Fund Savings	# of Self Fund Customers	% of BPA Program Savings from Self Fund
2022-2023	26 aMW	22, 28	37%
2024-2025	23 aMW	15, 22	31%

Bonneville Program Savings by Sector and Funding Type from 2022-2025



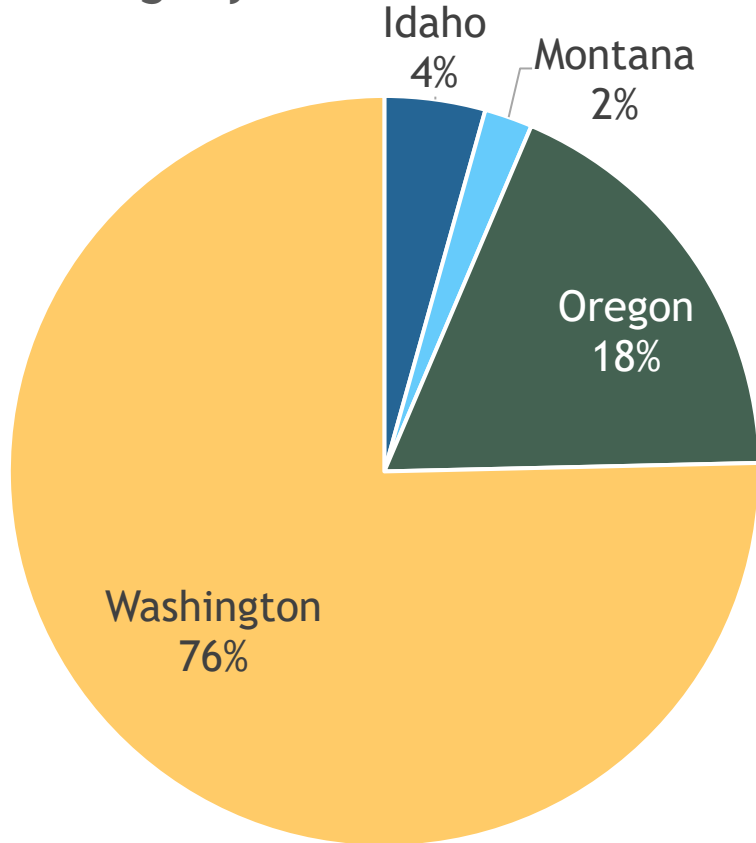
40 Bonneville Utilities Provided Additional Funding through Self Fund Mechanism from 2022-2025 and Achieved 59 aMW in Total Energy Savings

Bonneville Customer Total Savings from 2022-2025 by Funding Mechanism, excluding utilizes with total savings <.1 aMW

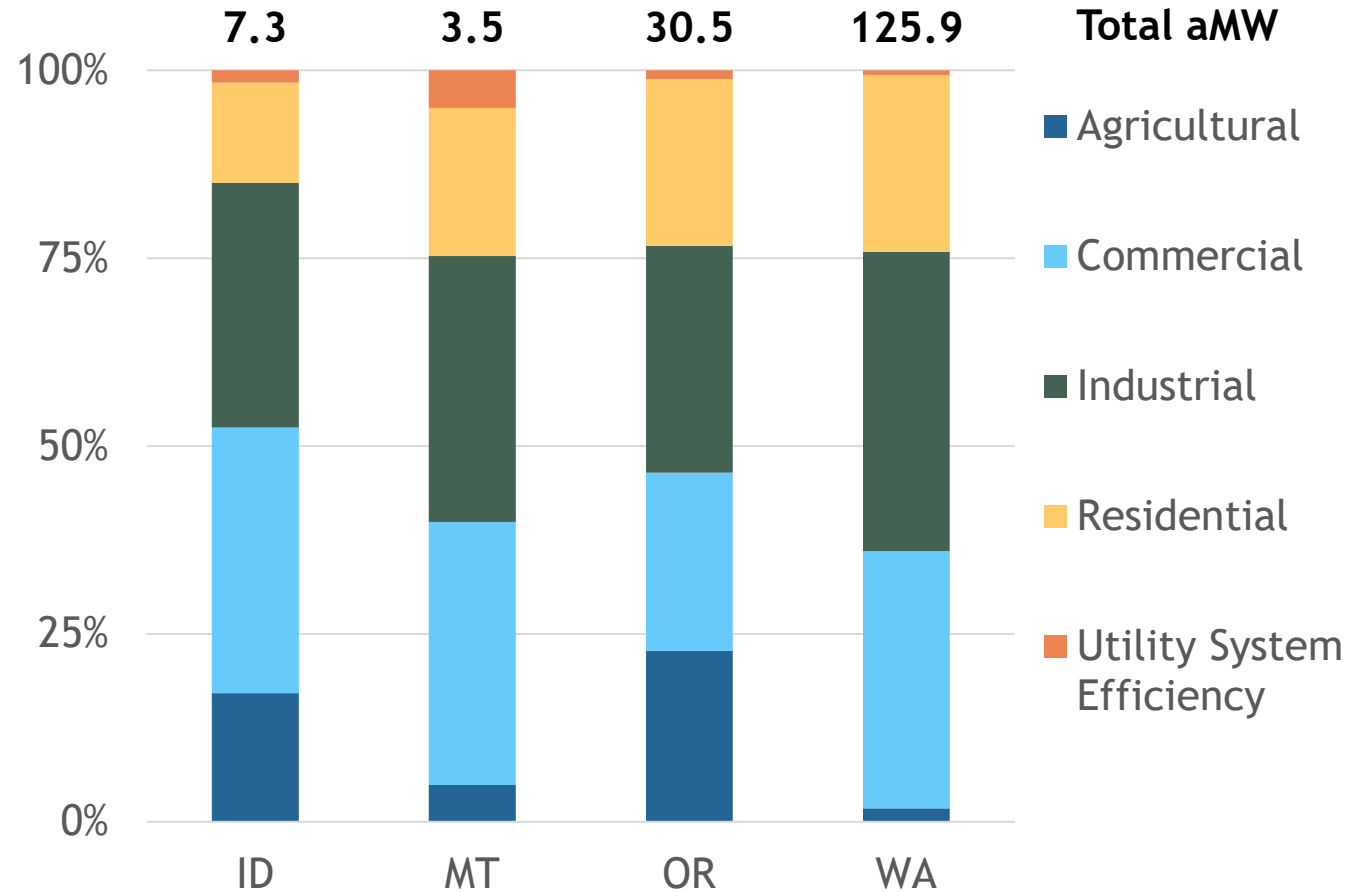


Bonneville Total Energy Savings by State*

Percentage of Total Bonneville Program Savings by State from 2022-2025



Percentage of Savings by Sector and State for 2022-2025



*Excludes BPA savings reported for the region and not by state (i.e., NEEA savings and BPA regional savings)

Additional 2025 RCP Savings

Additional Program Elements



Weatherization

- Plan recommended that the region continue to invest in weatherization programs, specifically targeting those homes that have little to no insulation or are leaky and in need of duct or air sealing.



Rural Markets

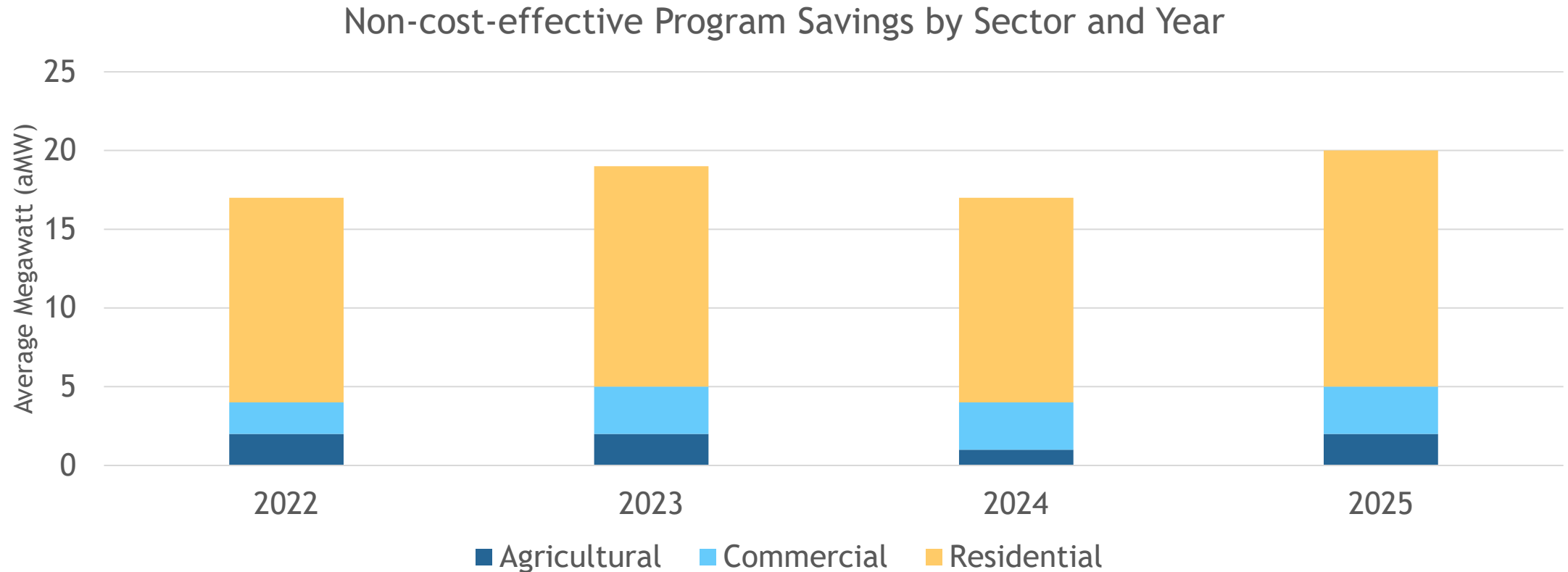
- In the 2021 Plan, residential and agricultural sectors saw reductions in the amount of available cost-effective efficiency, which are primary sectors for rural markets and measures would need to ensure comprehensive programs



Decarbonization

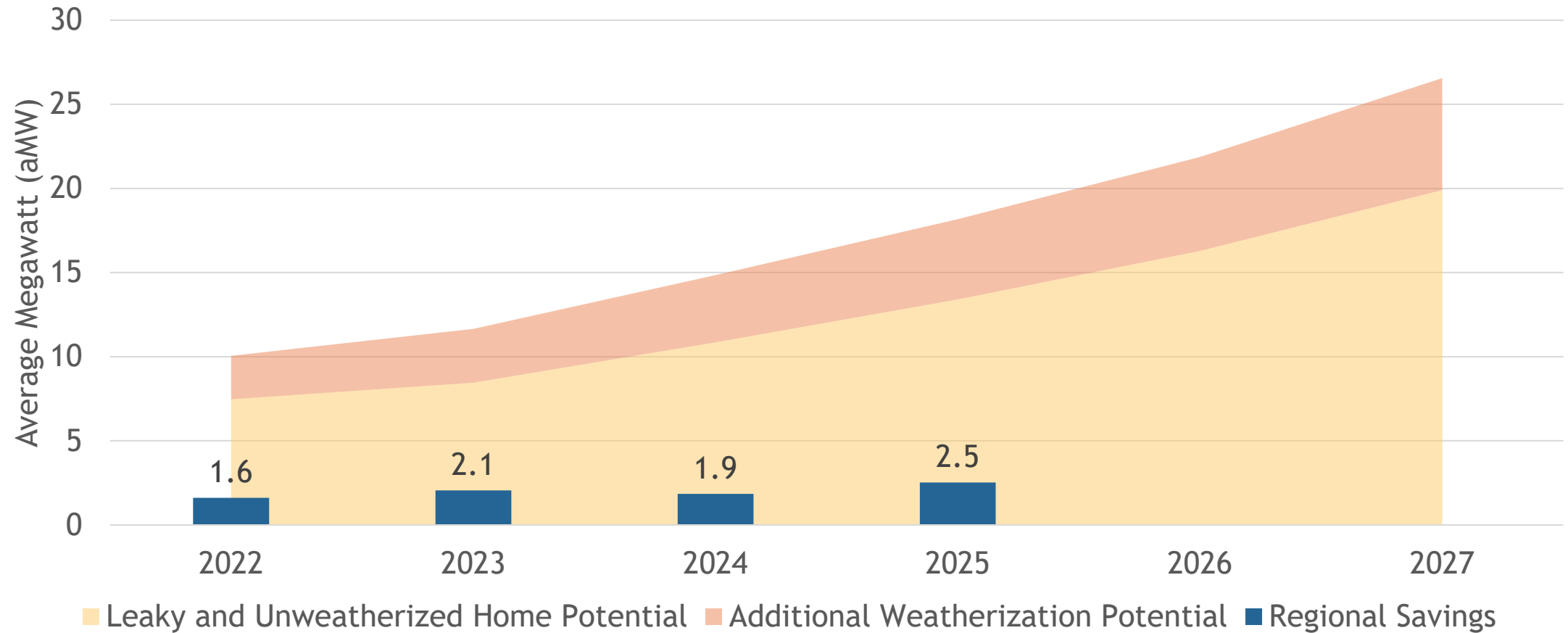
- Plan recommended that jurisdictions pursuing decarbonization goals do so efficiently

Additional Program Savings Represent about 10% of the Total Savings Achieved Annually



Weatherization Program Savings

Total Regional Savings Compared to 2021 Power Plan Potential



Rural Markets

- Key customer bases for energy efficiency programs in rural communities are primarily residential and agricultural. Both of these sectors saw a reduction in the available cost-effective measures in the 2021 Plan. The additional savings achievements in these sectors in 2025 include:



Residential

- 14.6 aMW of savings of which 91% is from heat pumps. Electronics, refrigeration, and water heating making up the remaining savings



Agricultural

- 2.3 aMW of savings from irrigation measures

State Program Savings

Idaho Energy Efficiency and Conservation Block Grant Program 2025 Results

- Idaho reported completion of 6 projects for:
 - 1 thermostats
 - 2 lighting upgrades
 - 2 insulation and weatherization and heat pump
 - 1 wastewater system
- These project provided a total of \$391,122 in funding to 6 counties in Idaho



Lewiston, Idaho photo by [Ethan Grey](#) on [Unsplash](#)

Oregon Department of Energy



Photo by [Theo Bickel](#) on [Unsplash](#) of Pendleton, Oregon

Rental Home Heat Pump Program

- Program installed 579 heat pumps in 2025
- Providing \$3.46 million in rebates to rental homes in 15 Oregon counties
- Over 90% of rebates were for higher efficiency heat pumps

Energy Efficient Schools Program

- Provided \$8.1 million for projects completed in 2025 in 16 counties at 85 Oregon Public Schools, including:
 - 53 elementary, 19 middle, and 39 high schools
- Efficiency measures at these schools for weatherization, HVAC, water heating, food service equipment, and lighting

Washington HEAR Program 2025

- The program provide 4,740 rebates to customers in 30 Washington counties for:
 - heat pumps
 - clothes washers and dryers
 - heat pump water heaters
 - induction or electric ranges
 - refrigerators
- Of these 68% were for upgrading existing electric equipment to more efficient technology
- Program provided almost \$34.7 million, administered by community action agencies, cities or counties, tribes, and utilities

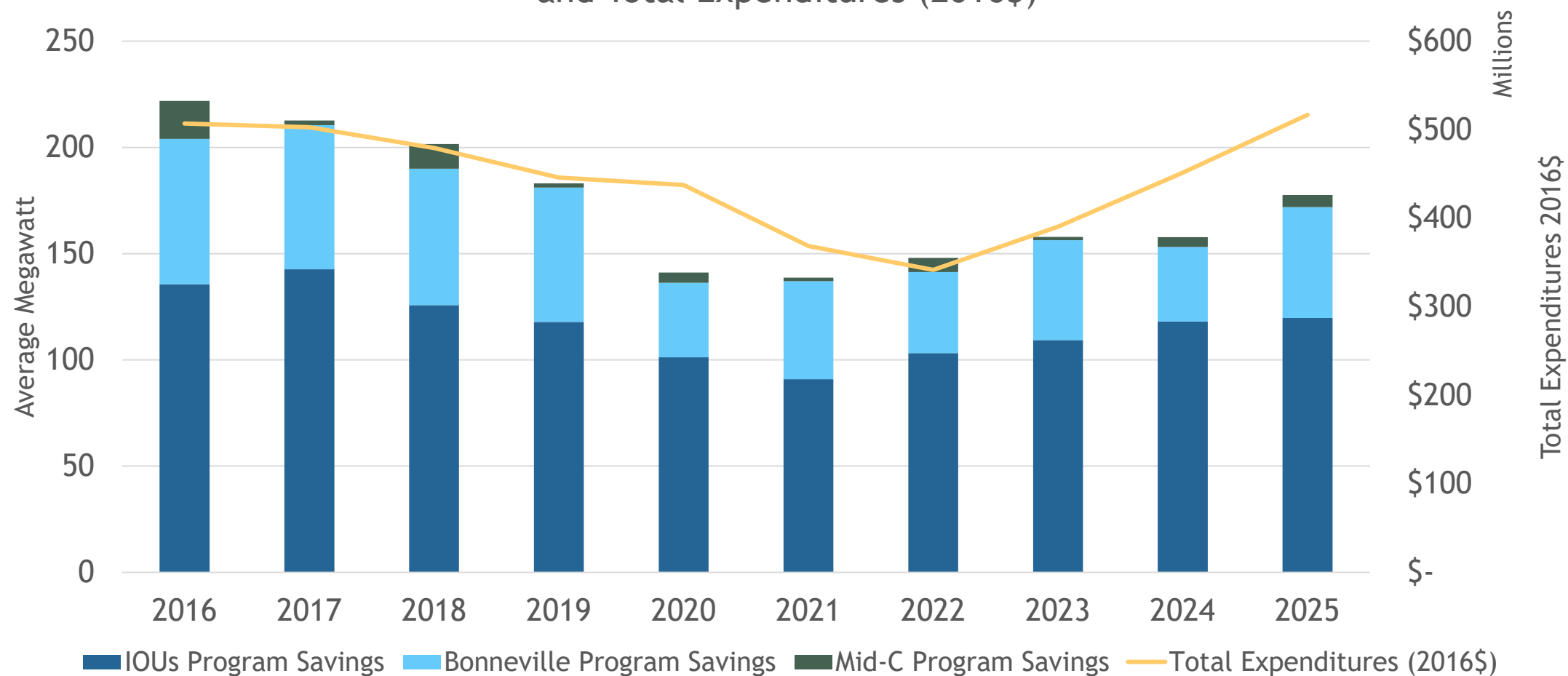


Photo by [Alia Vela](#) on [Unsplash](#) of Goldendale, WA

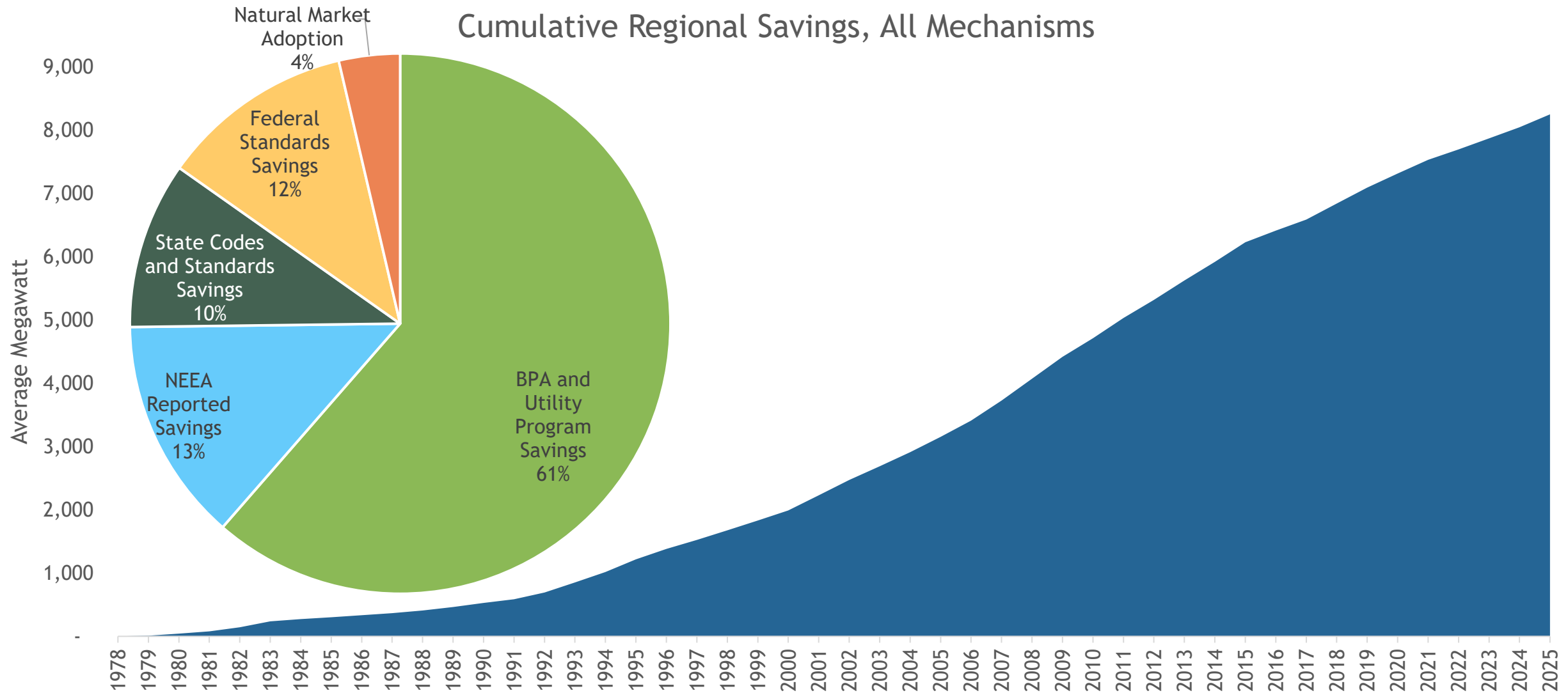
Total Regional Accomplishments

Total Program Savings and Expenditures

Regional Cost-effective and Non-cost-effective Program Savings
and Total Expenditures (2016\$)



Region has Achieved 8,247 aMW



Fun Facts

What does
8,247
aMW
represent?



4x the average
generation of the
Grand Coulee



5.9 million
Northwest homes
annual electricity
usage



Amount CO₂
sequestered by
almost 100,000
tree seedlings
grown for 10 years