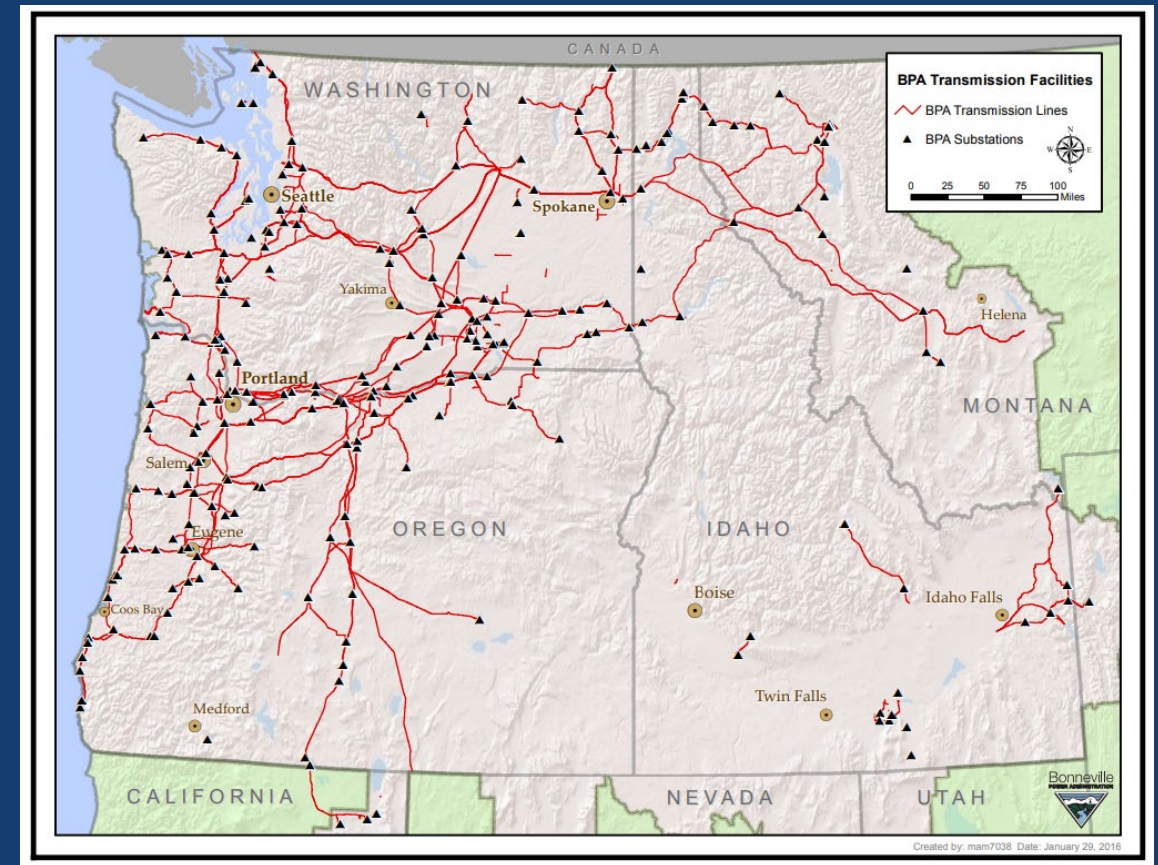


# Bonneville Power Administration's Energy Efficiency Program



# Overview of BPA

- BPA markets power from 31 Federal hydro plants, the Columbia Generating Station Nuclear Plant, and several small non-Federal power plants [BPA owns no power generators]
- BPA receives no congressional appropriations. If we are spending money, we are earning it from selling power or transmission services.
- Over 80% of the power BPA sells is hydroelectric.
- BPA accounts for about 28% of the electric power consumed within the PNW (2019 Numbers).
- BPA owns and operates 15,000 miles of transmission lines = 75% of PNW transmission.



BPA Transmission Service



# **Program Foundations**

# The Power Act and BPA's Conservation Program

## The 1980 Northwest Power Act is the foundation of BPA's conservation program

- The Act established the [Northwest Power Planning Council](#), which prepares a 20-year power plan every 5 years.
- The [Power Plan](#) identifies the best mix of resources, including conservation, to meet the Northwest power needs based on total resource cost.
- The Power Plan serves as one of the key drivers that shape the [BPA conservation program](#). BPA staff coordinate with the Council and Council staff on a regular basis



Invest in people



Sustain financial strength



Enhance the value of products and services



Modernize business systems and processes



Preserve safe, reliable system operations




Mature asset management

**2024-2028**  
**Strategic Goals**

More than **2,500**  
aMW of EE resource  
since **1982**





# Program Operations

# How BPA and its Customers Acquire Energy Efficiency

1

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BPA's wholesale rates fund efficiency programs.

2

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BPA develops a wide variety of measures and programs its customers can implement.

3

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Utilities implement programs in their services territories.

4

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BPA verifies the savings and pays the utility.



# How BPA Funds Efficiency

## BPA provides incentive funds to support efficiency acquisition

- **Funded through rates:** Part of the funds collected in rates is reallocated to incentive budgets.
- **Incentives and administration:** Incentive budgets support customer payments, but also support program administration.
- **Allocated by size:** Utilities are allocated budgets based on load share; each customer has access to funding proportional to its size.
- **Payment upon delivery:** Utilities must complete projects and submit invoices and documentation to receive payment.

# Utility Expectations

## The utility role in achieving BPA's efficiency target

- **Regional goal:** BPA meets its goal based on aggregate performance but does not assign individual targets.
- **Utilization of incentive budgets:** Utilities are encouraged to fully utilize their budgets, but there are no penalties for not doing so.
- **Shared funding commitment:** BPA provides 70% of the funding necessary to achieve the public power target; utilities are expected to self-fund the remaining 30%.

# How BPA Creates Value

## BPA's investments enable more effective efficiency programs

- **Economies of scale:** Centralizing the cost of program resources creates economies of scale, lowering regional cost.
- **Rural utility support:** BPA's infrastructure provide support to rural utilities that would otherwise be unavailable.
- **Regional consistency:** Creating a consistent set of programs streamlines installer and retailer relations.
- **Support for those in need:** BPA incentives cover the total cost of efficiency improvements, including repair costs, for low-income program participants, and grants to states and tribes support the work of community action agencies.

# BPA's Energy Efficiency Portfolio

## Utility Programs

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- Implementation of energy saving measures by BPA and customer utilities.

## Market Transformation

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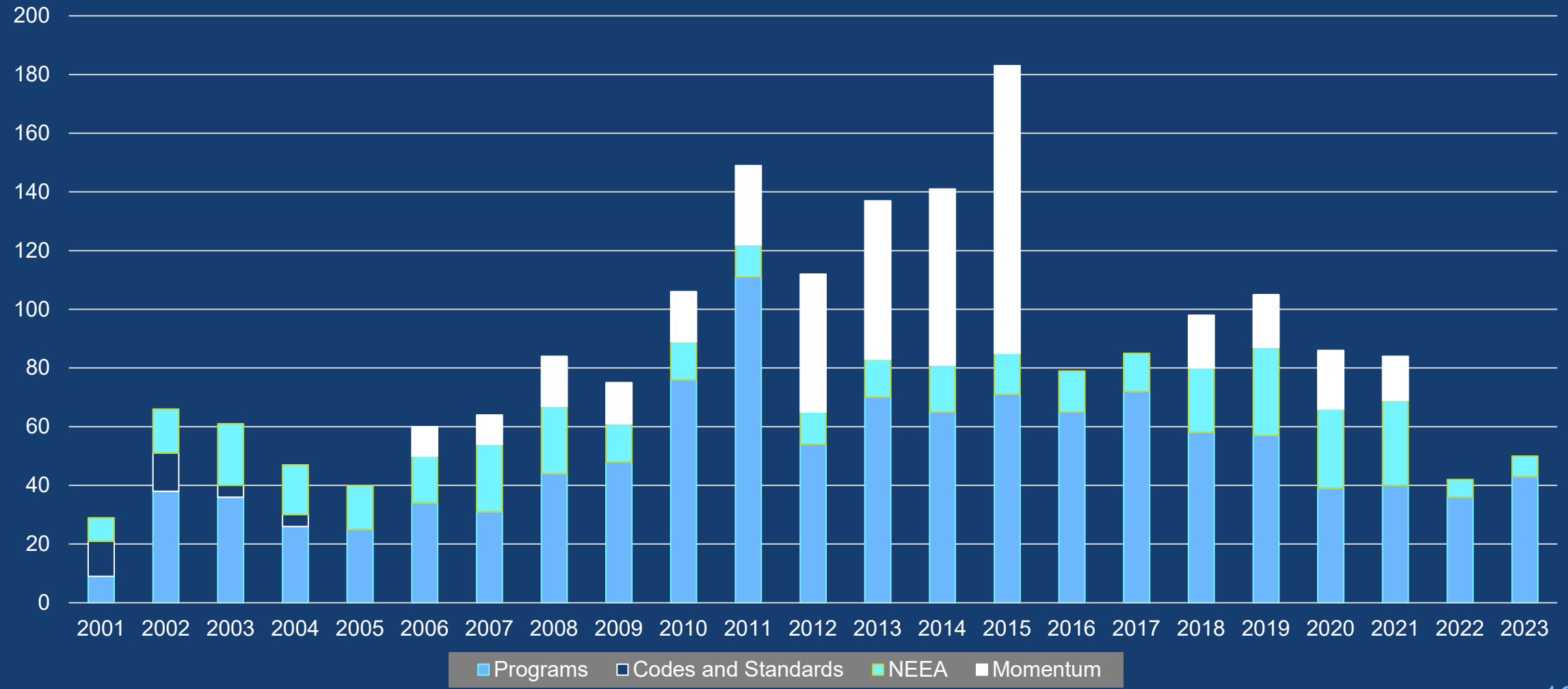
- Strategic market intervention to accelerate the adoption of cost-effective energy efficiency.

## Momentum Savings

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- Quantification of energy efficiency in the region not captured by programs.

# Annual Efficiency Achievements





# Questions