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# Draft Energy Efficiency Action Plan 2022-2027



Customer Webinar  
February 23, 2023



# Agenda

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- Action Plan Objectives and Guiding Principles
- Factors Influencing the Action Plan
- Development Process
- Goal
- Budget
- Total Forecasted Savings
- Sector Strategies and Savings
- Demand Response Goals
- Next Steps

# Action Plan Objectives

1

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Acquire energy efficiency savings that provide the greatest power resource benefits. Align with 2022 Resource Program selections.

2

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Meet BPA's share of the energy efficiency goals established in the 2021 Power Plan and prioritize cost-effective measures.

3

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Offer a portfolio that all BPA customers can implement and support small, rural, and residential utilities.

# Guiding Principles



Meet BPA's  
Resource Needs  
and Power Plan  
Obligations

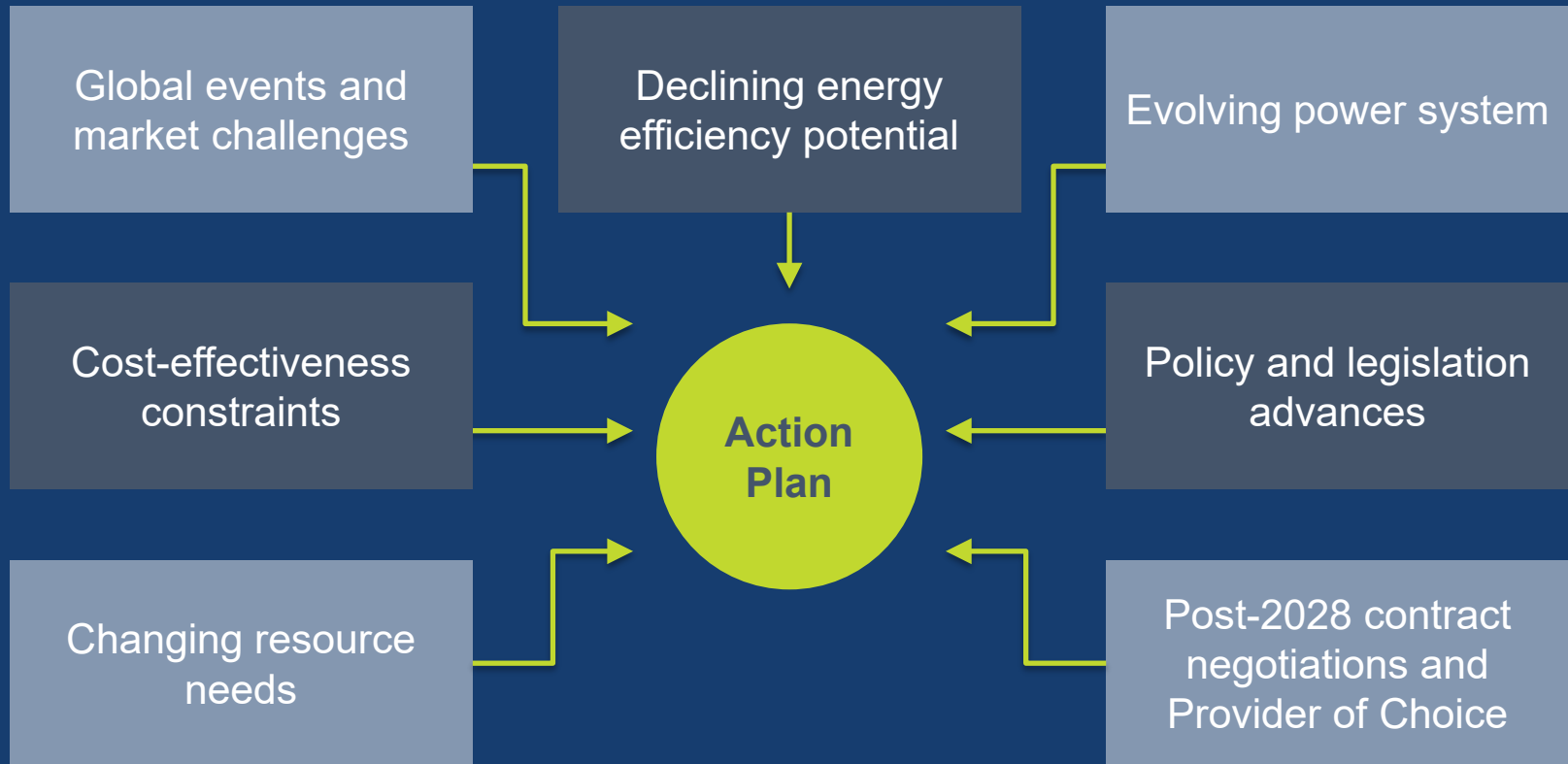


Meet BPA  
Customer Needs

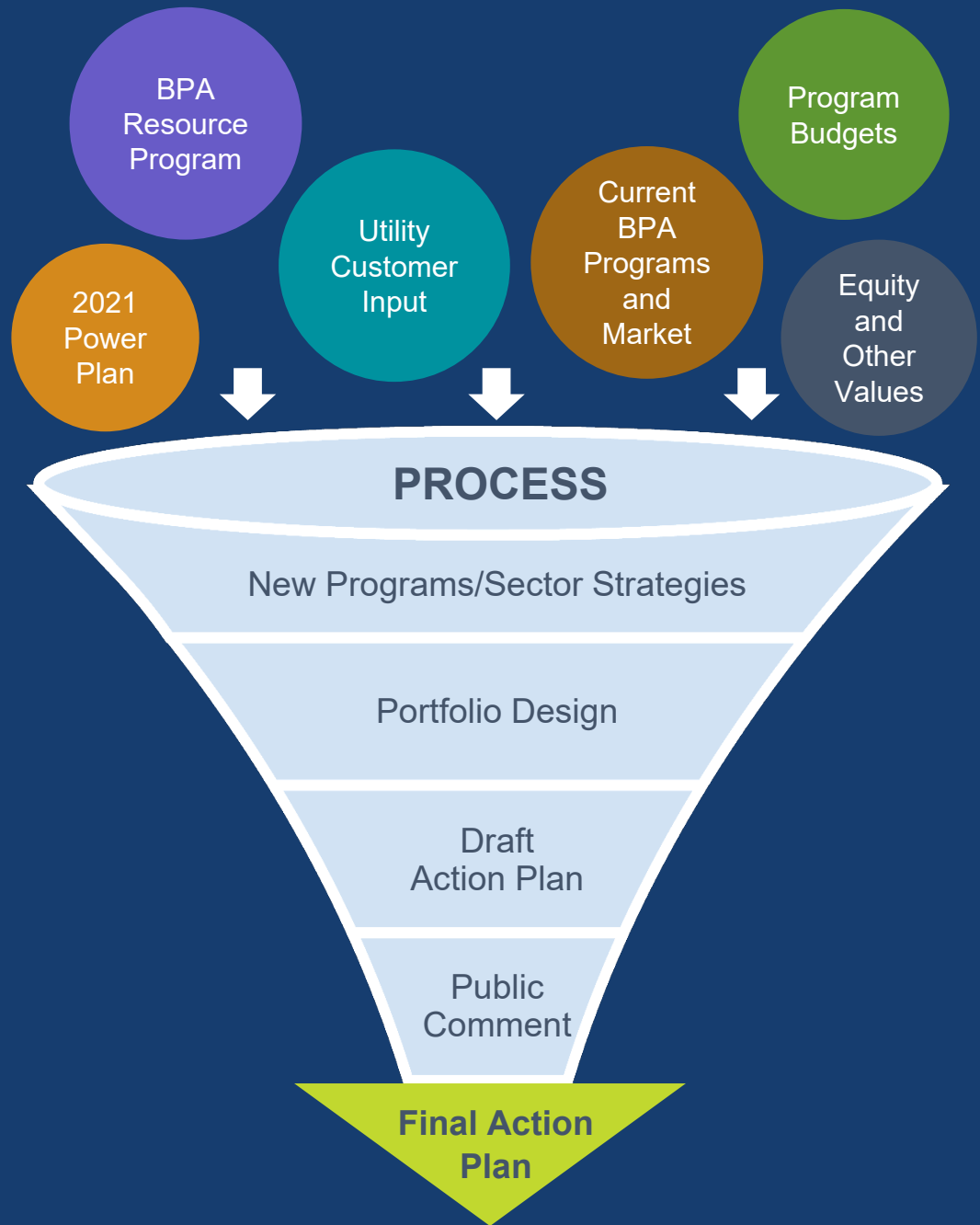


Consider Value  
Beyond Energy  
Savings

# Factors Influencing the Action Plan



# Action Plan Development Process



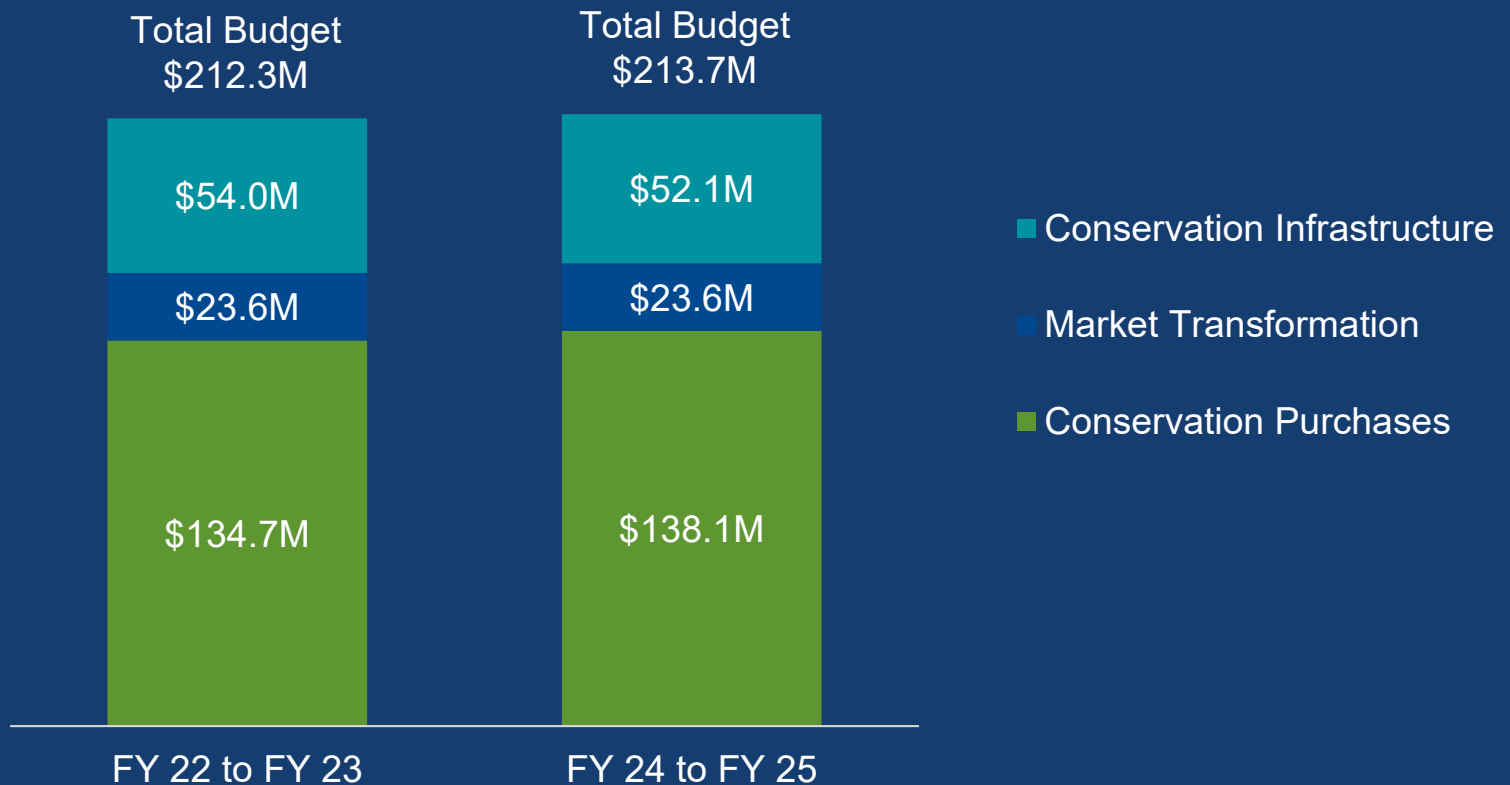
# Action Plan Goal

**300 aMW**  
**2022-2027**

- Represents a goal BPA is well positioned to achieve
- BPA will adaptively manage its portfolio to address changing conditions and if needed implement corrective actions



# BPA Budget by Source & Rate Period



# Forecasted Savings

Program Area	2022 to 2027 Total (aMW)
BPA Programs*	278
NEEA Market Transformation	46
BPA Momentum Savings	30
<b>Total BPA Savings</b>	<b>354</b>

\* Includes 19 aMW of unallocated savings (calculated by using rate period surplus to achieve additional savings). Assumes 30% utility self-funded savings.

# Strategic Priorities Across Sectors



## Residential

Supporting measures that reduce residential heating and cooling loads and high-efficiency water heating measures

Exploring ways to improve the Low Income Program and promote weatherization, including removing applicant registration barriers and simplifying implementation

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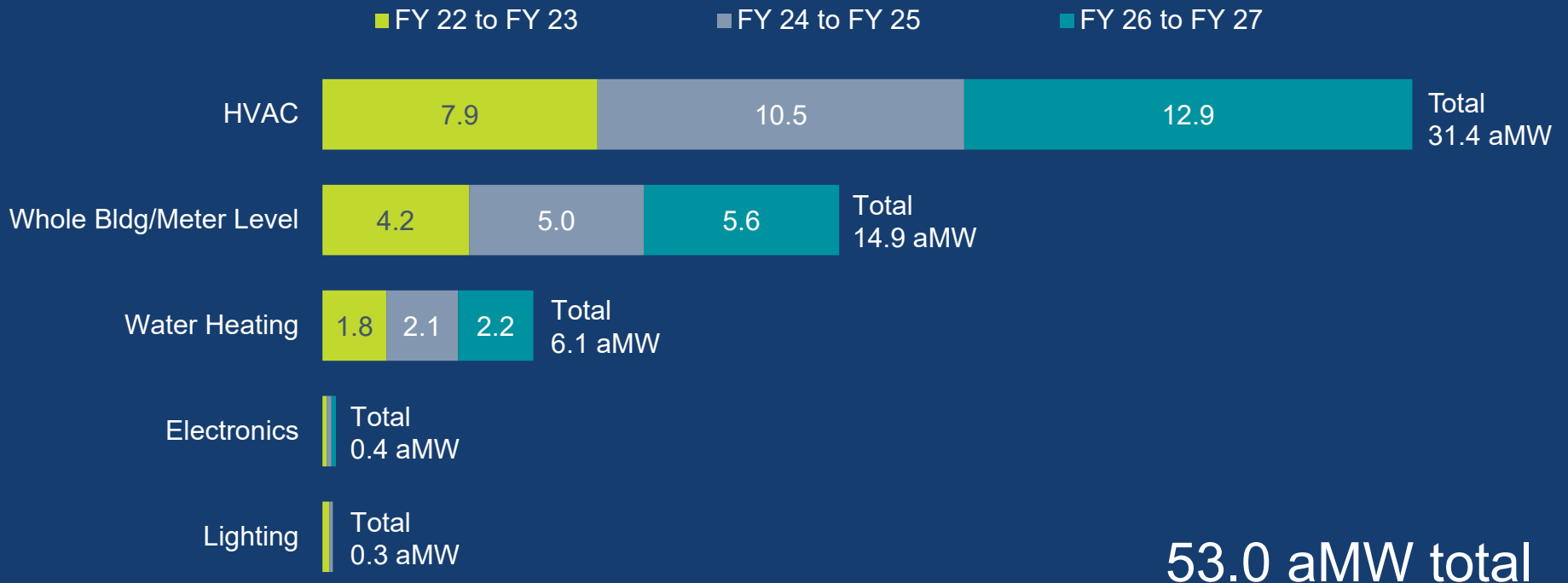
## Commercial

Adding new measures in areas such as HVAC, refrigeration, and energy management

Making targeted incentive increases

Exploring midstream delivery mechanisms for lighting

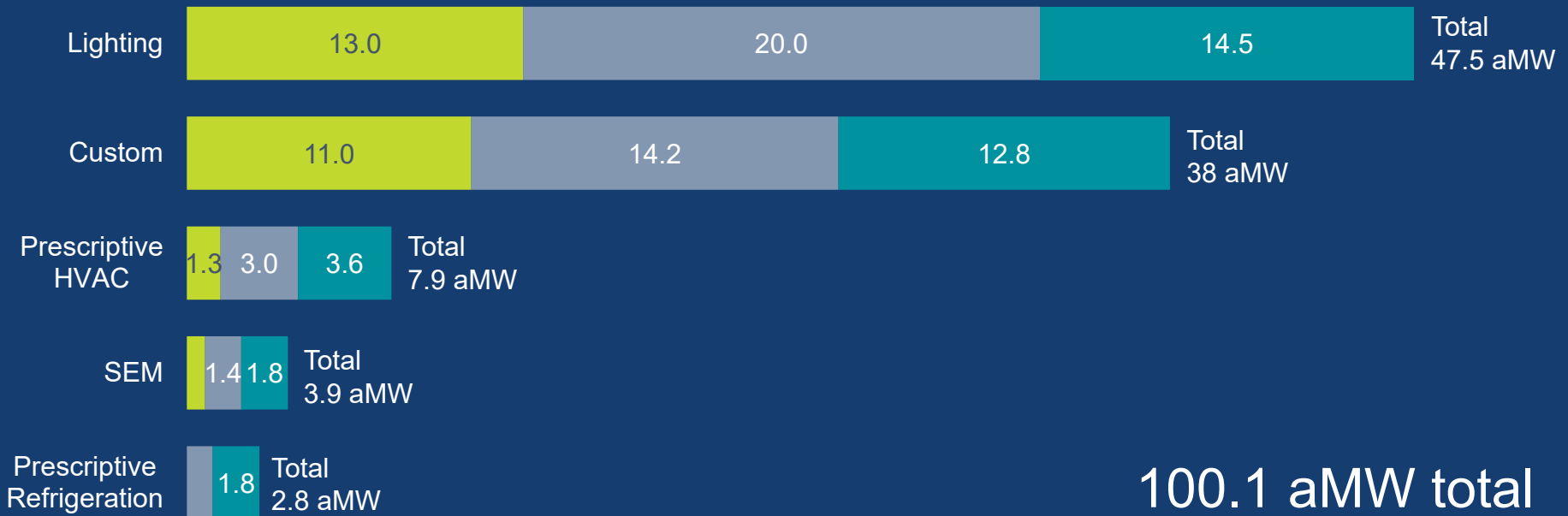
# Residential Program Savings by End Use



Note: Savings include BPA-Funded and Customer Self-Funded. Does not include NEEA, Momentum, or unallocated savings.

# Commercial Program Savings by Channel

■ FY 22 to FY 23      ■ FY 24 to FY 25      ■ FY 26 to FY 27



Note: Savings include BPA-Funded and Customer Self-Funded. Does not include NEEA, Momentum, or unallocated savings.

# Strategic Priorities Across Sectors



## Industrial

Continue prioritizing custom and lighting projects

Making targeted incentive increases

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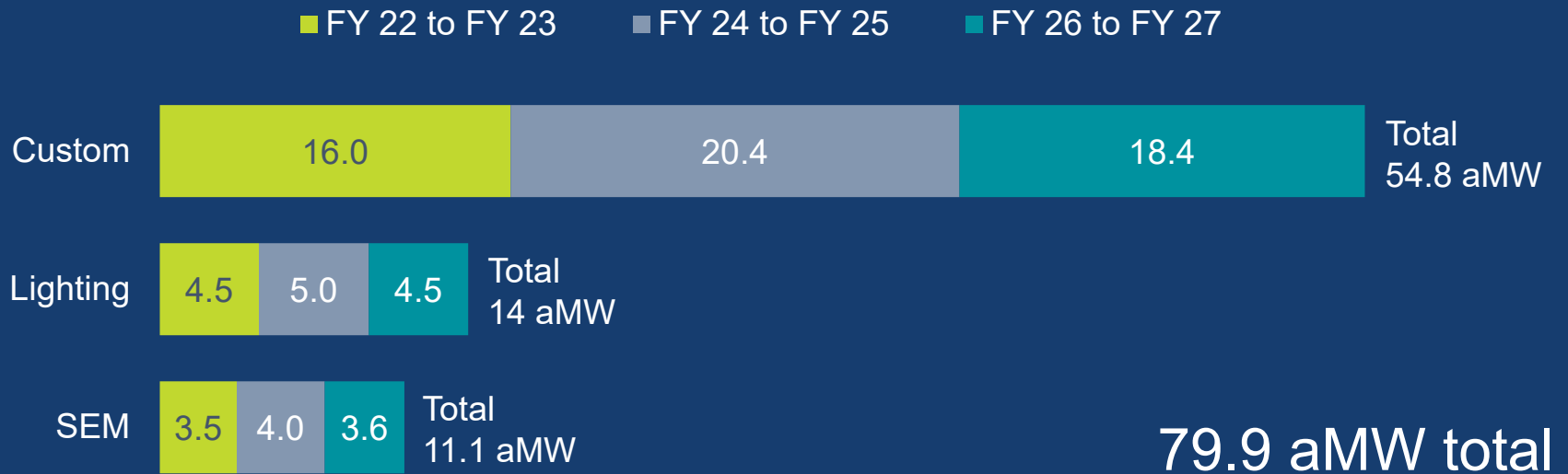


## Agricultural

Investing in demonstration projects to promote Zonal Variable Rate Irrigation conversions and Advanced Water Management irrigation scheduling

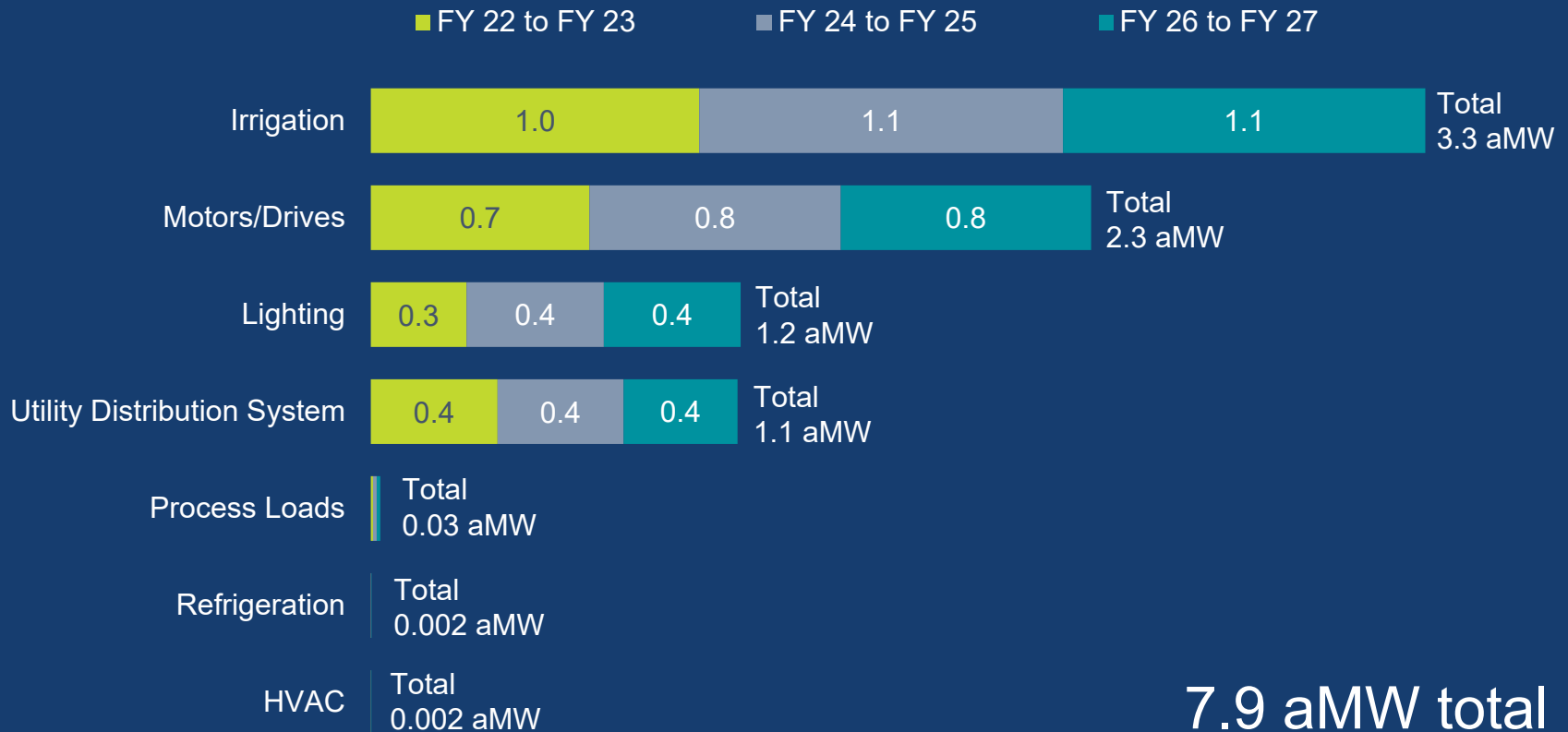
Agricultural Energy Audits to help ease burden on producers

# Industrial Program Savings by Channel



Note: Savings include BPA-Funded and Customer Self-Funded. Does not include NEEA, Momentum, or unallocated savings.

# Agricultural Program Savings by End Use



Note: Savings include BPA-Funded and Customer Self-Funded. Does not include NEEA, Momentum, or unallocated savings.



# Strategic Priorities Across Sectors



## Federal

Performing a market potential assessment to identify projects with higher benefit-cost ratios

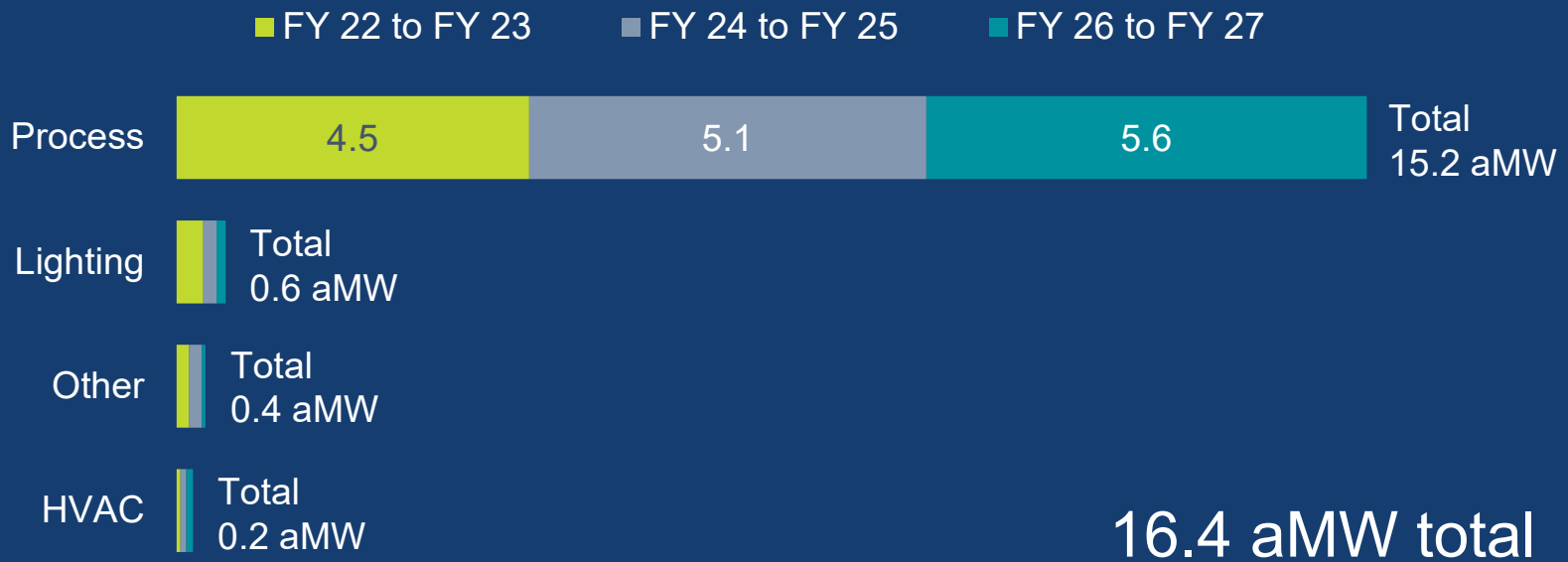
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## Utility Distribution

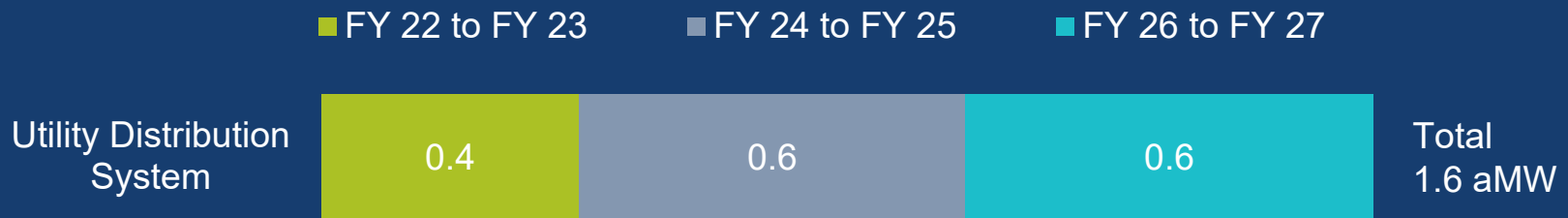
Increasing communication with utility management to promote the value of conservation voltage reduction (CVR) measures

# Federal Program Savings by End Use



Note: Savings include BPA-Funded and Customer Self-Funded. Does not include NEEA, Momentum, or unallocated savings.

# Utility Distribution Savings by End Use



Note: Savings include BPA-Funded and Customer Self-Funded. Does not include NEEA, Momentum, or unallocated savings.

# Goals for Demand Response

- Resource Program and Power Plan selected **300 MW of DR by end of FY 26**
  - Low cost, frequently deployable technologies that provide energy resource (not capacity)
  - Demand voltage reduction (DVR) and time-based pricing

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- BPA will:
  - Work with customers to explore the potential to implement DVR and potentially rate-based DR
  - Propose an implementation plan to steer our efforts through 2027

# Portfolio Management Steps

Refine  
BPA's  
Energy  
Efficiency  
Program

Evaluate  
portfolio  
offerings  
and delivery  
channels

Focus on  
customer  
needs

Monitor new  
policy  
impacts

Provide a  
midterm  
progress  
update

# Key Dates

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Public comments accepted **2/21 to 3/7**  
Customer webinar **2/23**



Public comment review and response



Revisions to Draft Action Plan  
Final Action Plan published by **end of April**

CONTACT

Elena Kazarov  
[eakazarov@bpa.gov](mailto:eakazarov@bpa.gov)

# Questions?