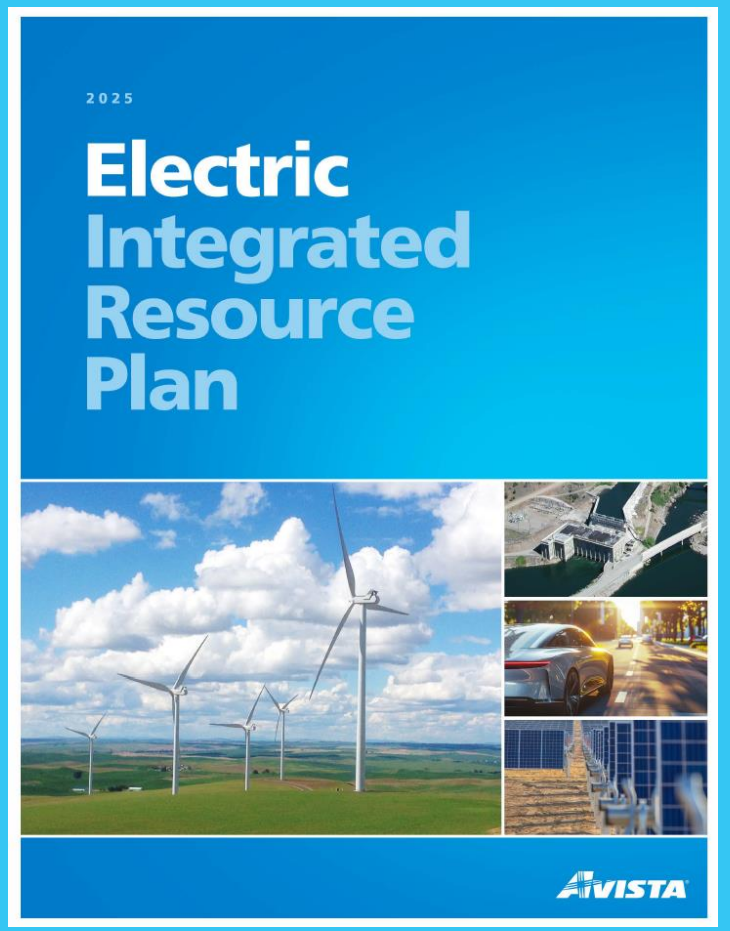
2025 Electric Integrated Resource Plan

James Gall | Manager of Resource Analysis

November 13, 2024



Disclaimer

This document contains forward-looking statements. Such statements are subject to a variety of risks, uncertainties and other factors, most of which are beyond the Company's control, and many of which could have a significant impact on the Company's operations, results of operations and financial condition, and could cause actual results to differ materially from those anticipated.

For a further discussion of these factors and other important factors, please refer to the Company's reports filed with the Securities and Exchange Commission. The forward-looking statements contained in this document speak only as of the date hereof. The Company undertakes no obligation to update any forward-looking statement or statements to reflect events or circumstances that occur after the date on which such statement is made or to reflect the occurrence of unanticipated events. New risks, uncertainties and other factors emerge from time to time, and it is not possible for management to predict all of such factors, nor can it assess the impact of each such factor on the Company's business or the extent to which any such factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statement.

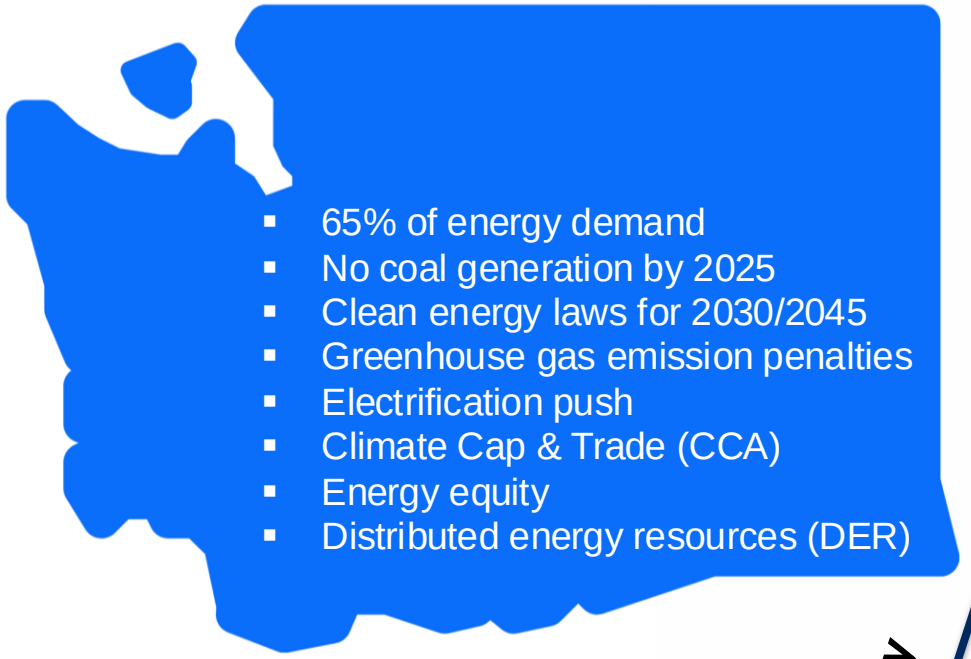
Integrated Resource Planning Requirements

- Public plan outlining a ***resource strategy*** to meet ***future customer energy needs*** – a direction of what the Company currently sees as the best path.

- Must consider public input
- Account for future risks
- Meet state policy objectives
- Conducted every 2 years
- Filed with Washington and Idaho state commissions

https://www.myavista.com/about-us/integrated-resource-planning

Planning Environment



- 65% of energy demand
- No coal generation by 2025
- Clean energy laws for 2030/2045
- Greenhouse gas emission penalties
- Electrification push
- Climate Cap & Trade (CCA)
- Energy equity
- Distributed energy resources (DER)

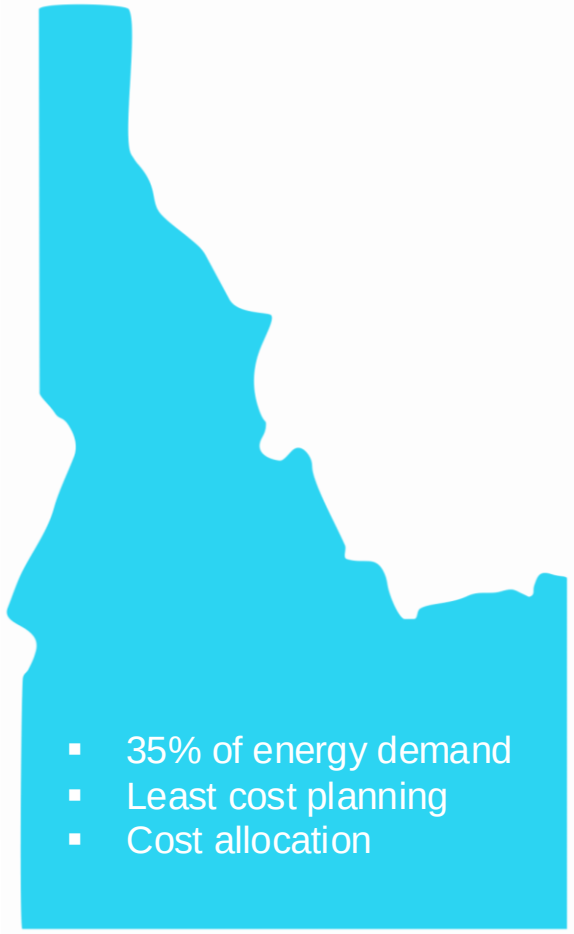
Environment

Risk

Cost

Reliability

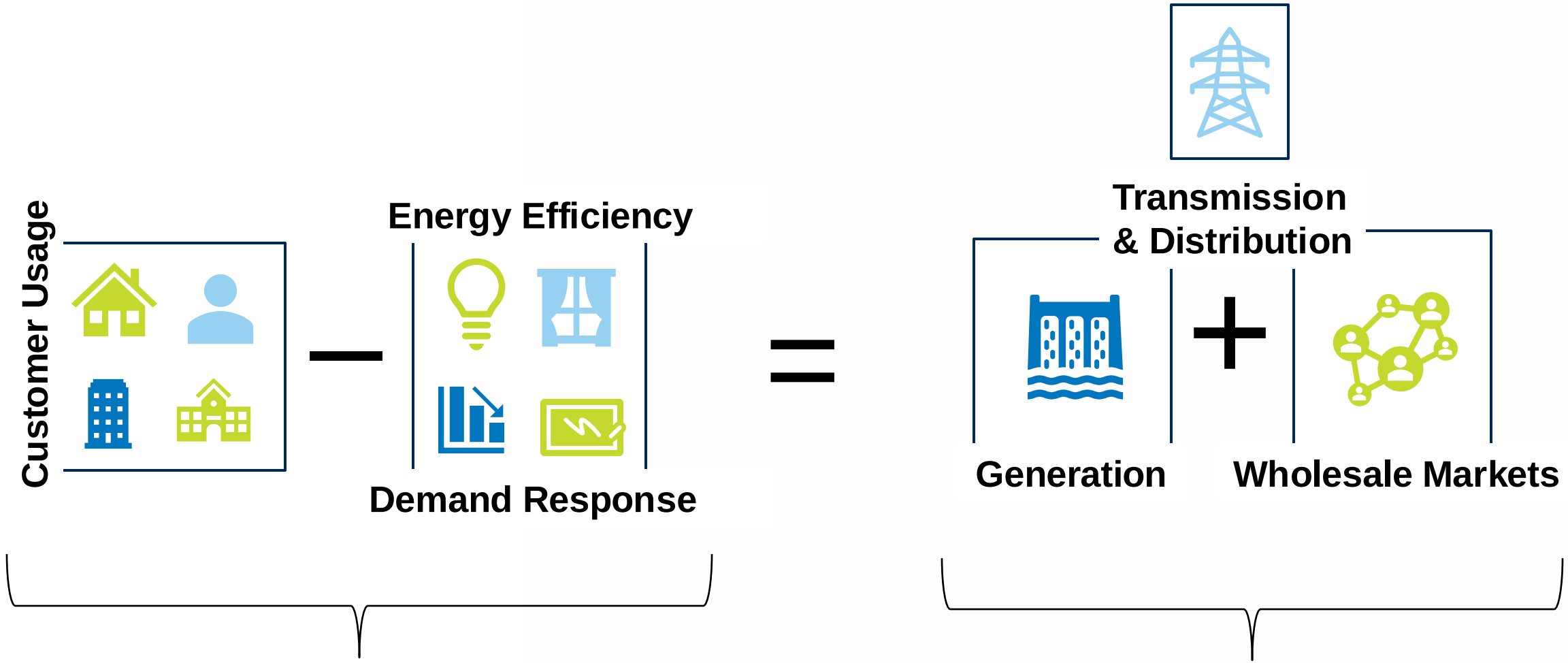
Rates



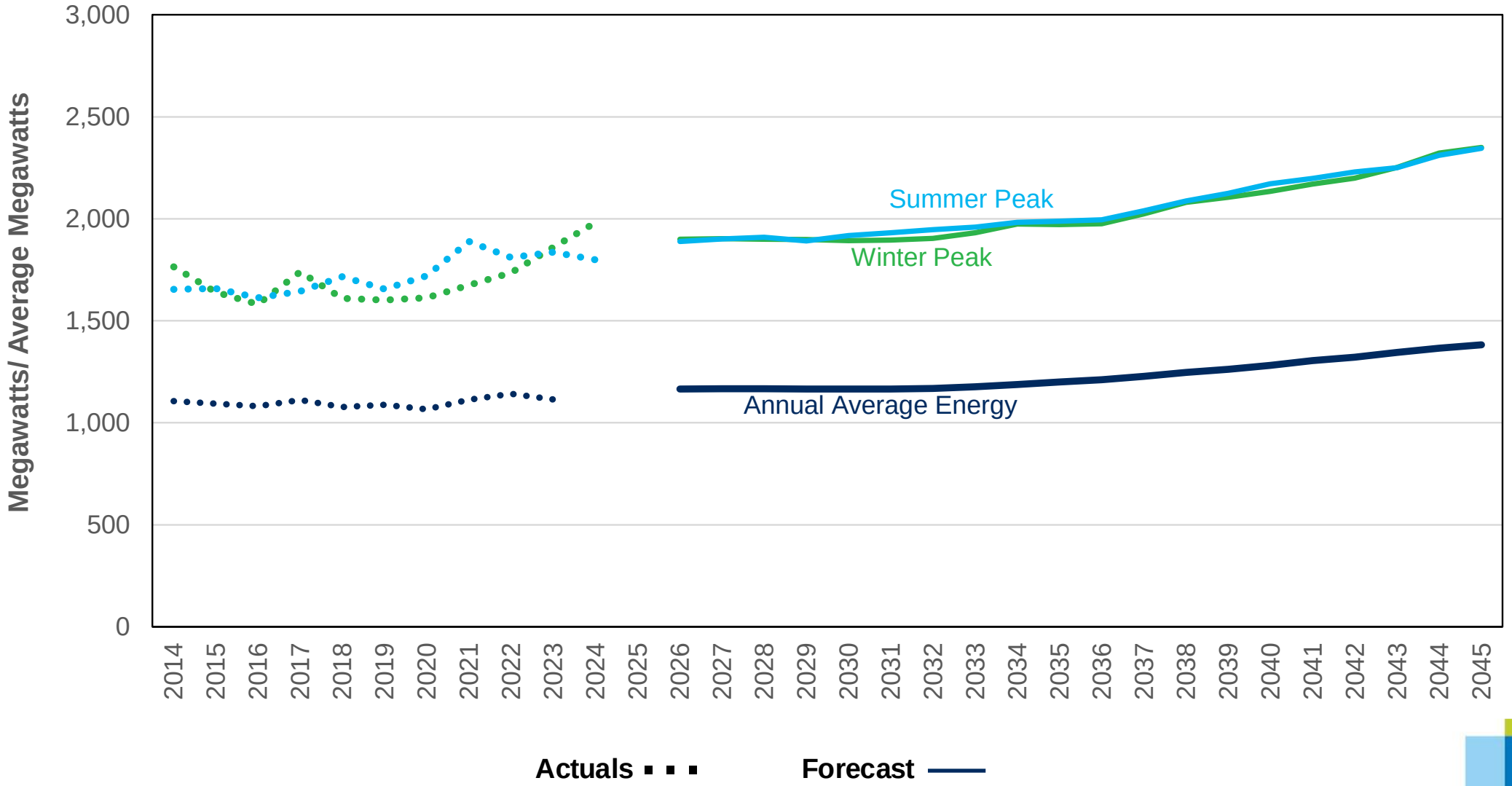
- 35% of energy demand
- Least cost planning
- Cost allocation

Resource Planning| The Utility Balancing Act

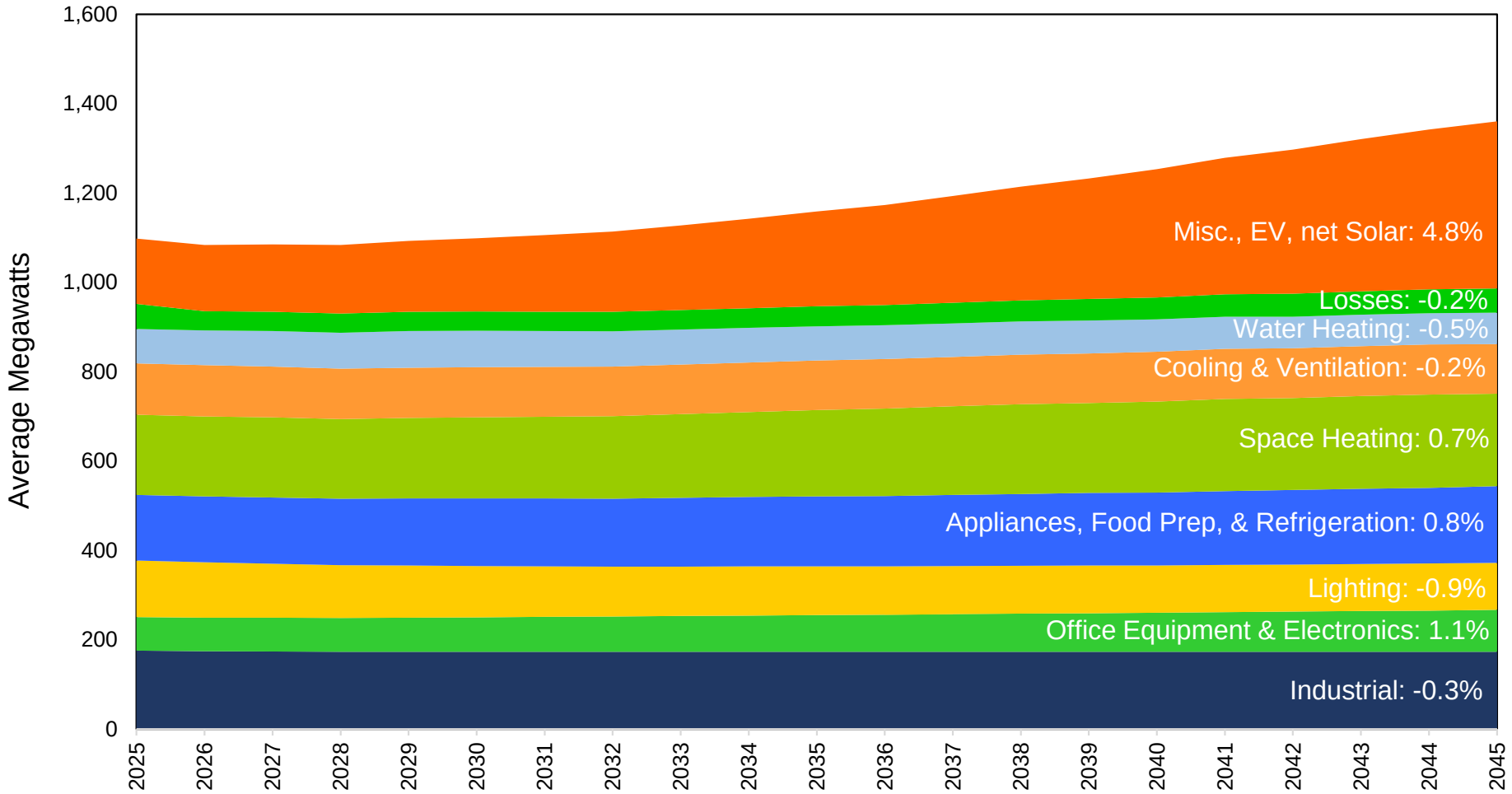
Meeting Future Customer Demand



History of Customer Energy Use & Forecast

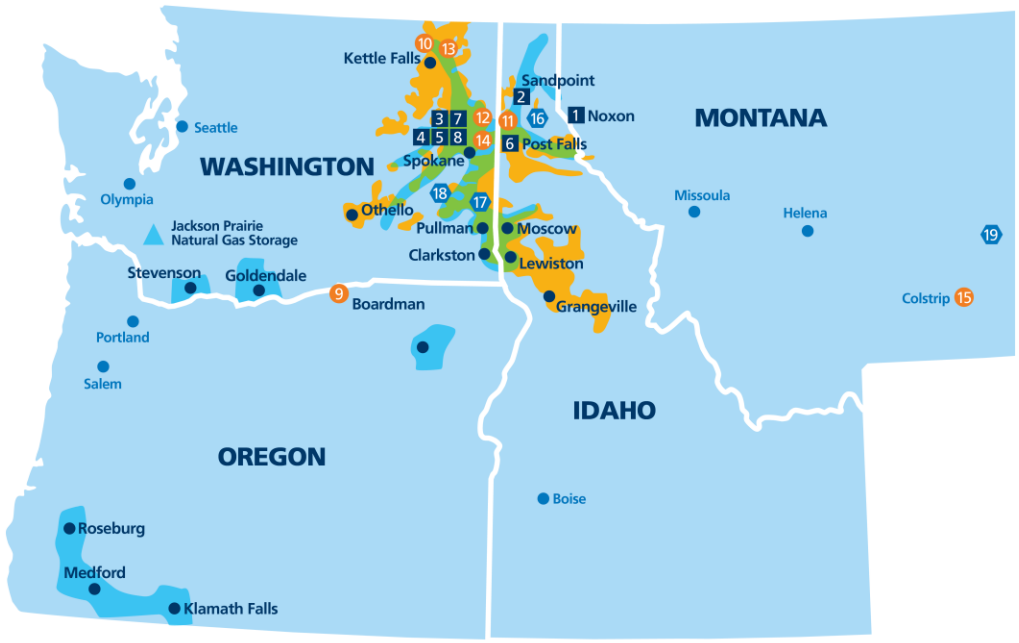


Forecasted Types of Customer Energy Usage



Avista's Current Generation Sources

Avista Generation Capability of Company-Owned Resources and Service Territory



Washington	CUSTOMERS
Electric	270,831
Natural Gas	177,373

Idaho	CUSTOMERS
Electric	145,849
Natural Gas	95,298

Oregon	CUSTOMERS
Natural Gas	104,029

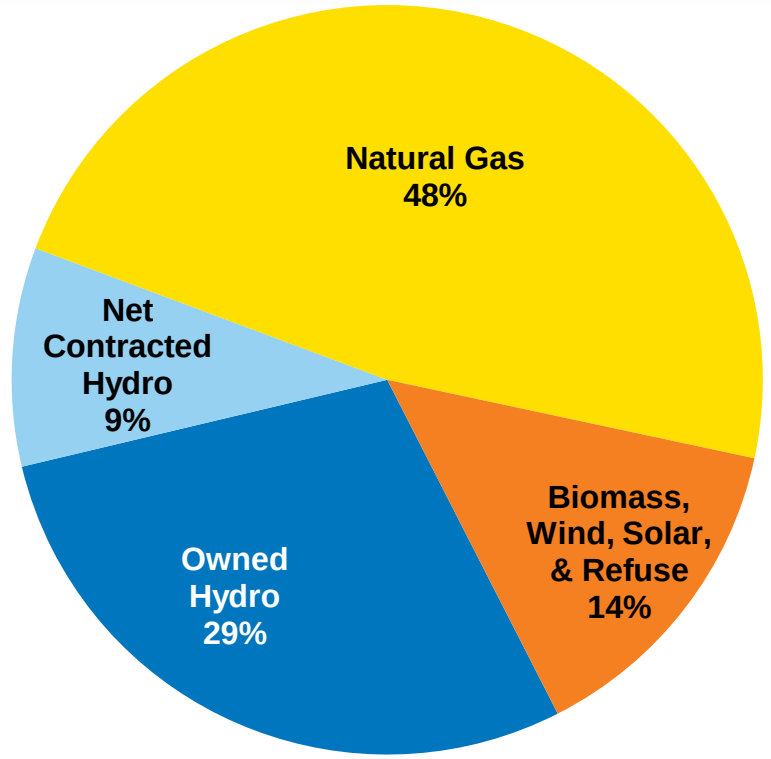
Hydroelectric	GENERATION CAPABILITY (MW)
1 Noxon Rapids (Noxon, MT)	562.4
2 Cabinet Gorge (Clark Fork, ID)	273.0
3 Long Lake (Spokane, WA)	88.0
4 Little Falls (Spokane, WA)	48.0
5 Nine Mile (Spokane, WA)	40.6
6 Post Falls (Post Falls, ID)	11.9
7 Monroe Street (Spokane, WA)	15.0
8 Upper Falls (Spokane, WA)	10.2
Total Hydroelectric Capability	**1,049.1**

Thermal	GENERATION CAPABILITY (MW)
9 Coyote Springs 2 (Boardman, OR)	322.0
10 Kettle Falls Combustion Turbine (Kettle Falls, WA)	6.9
11 Rathdrum Combustion Turbines (Rathdrum, ID)	166.5
12 Northeast Combustion Turbines (Spokane, WA)	64.8
13 Kettle Falls Biomass Plant (Kettle Falls, WA)	53.5
14 Boulder Park (Spokane, WA)	24.6
15 Colstrip (Units 3&4) (Colstrip, MT)	222.0
Total Thermal Capability	**860.3**

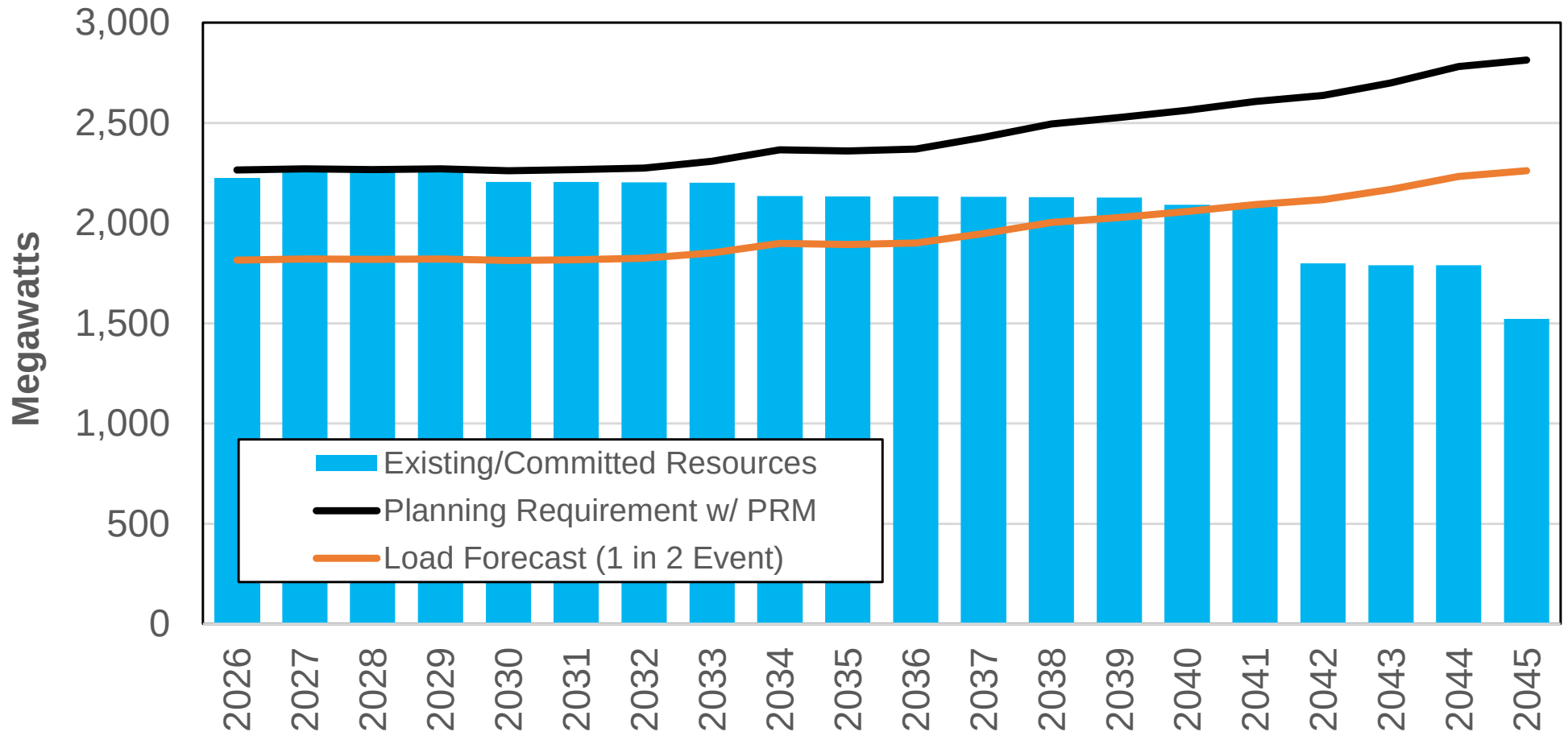
Non Utility-Owned or Operated	GENERATION CAPABILITY (MW)
16 Lancaster N.G. (fired) (Rathdrum, ID)	270.0
17 Palouse Wind (Oakesdale, WA)	105.0
18 Rattlesnake Flat Wind (Adams County, WA)	144.0
19 Clearwater Wind (Miles City, MT)	97.5
PURPA Facilities	134.1
Mid-Columbia Hydro	273.7
Columbia Basin Hydro	8.3

Total Owned Generating Capability (as of 12/31/2023)	1,909.4

Energy Capability



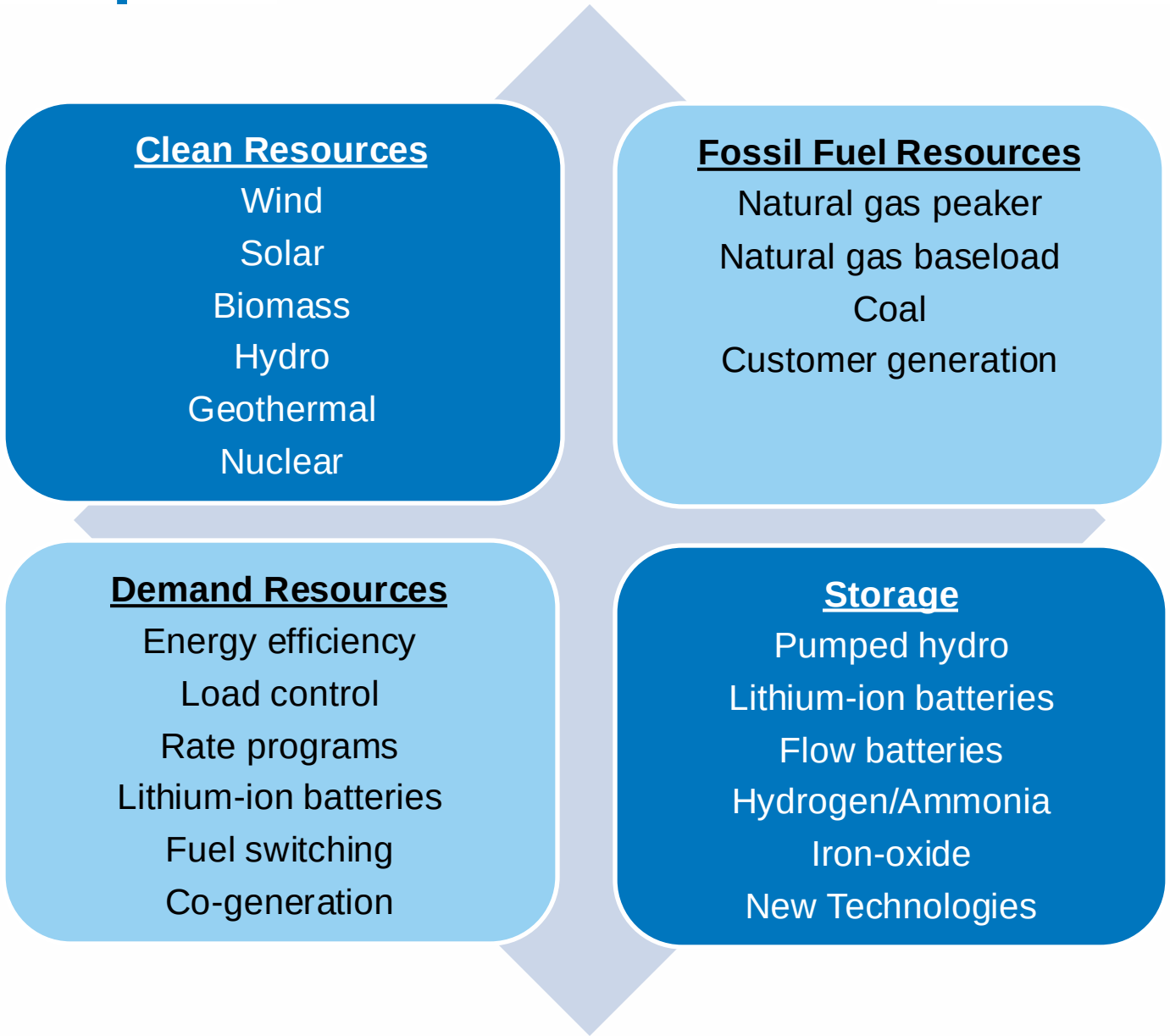
Winter Peak Generation Need



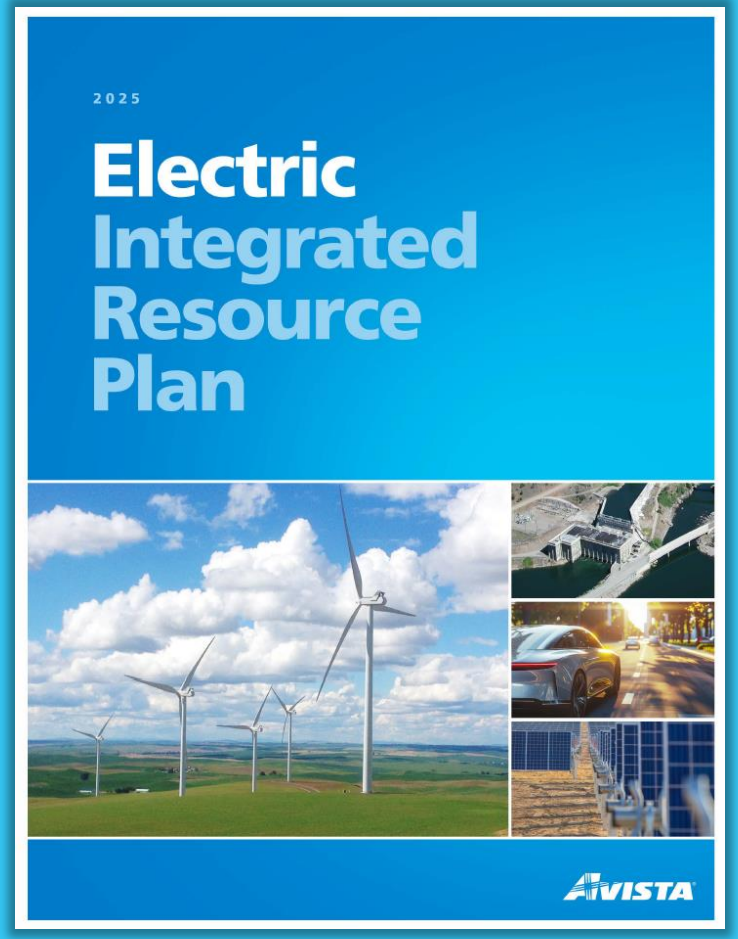
January Peak Load

PRM: Planning Reserve Margin

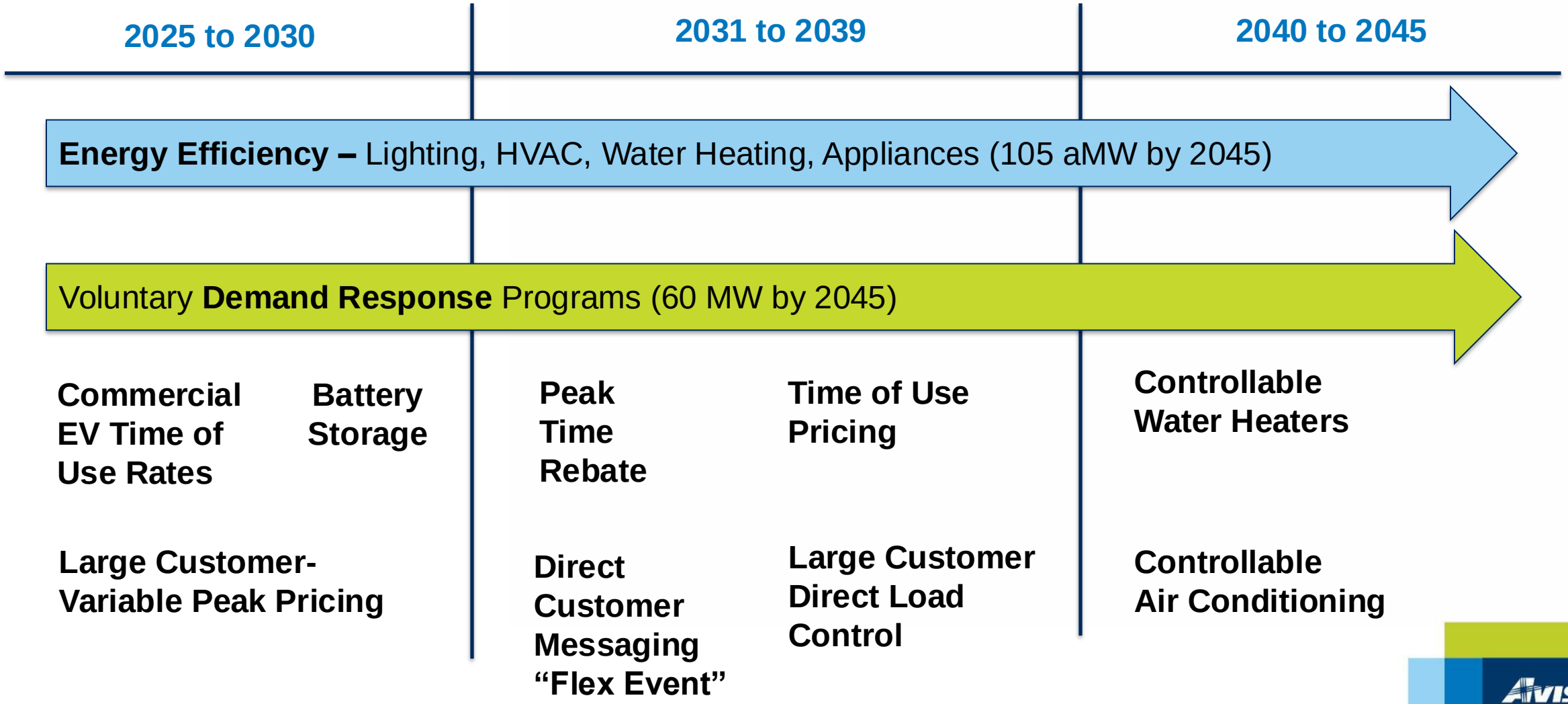
Generation Options



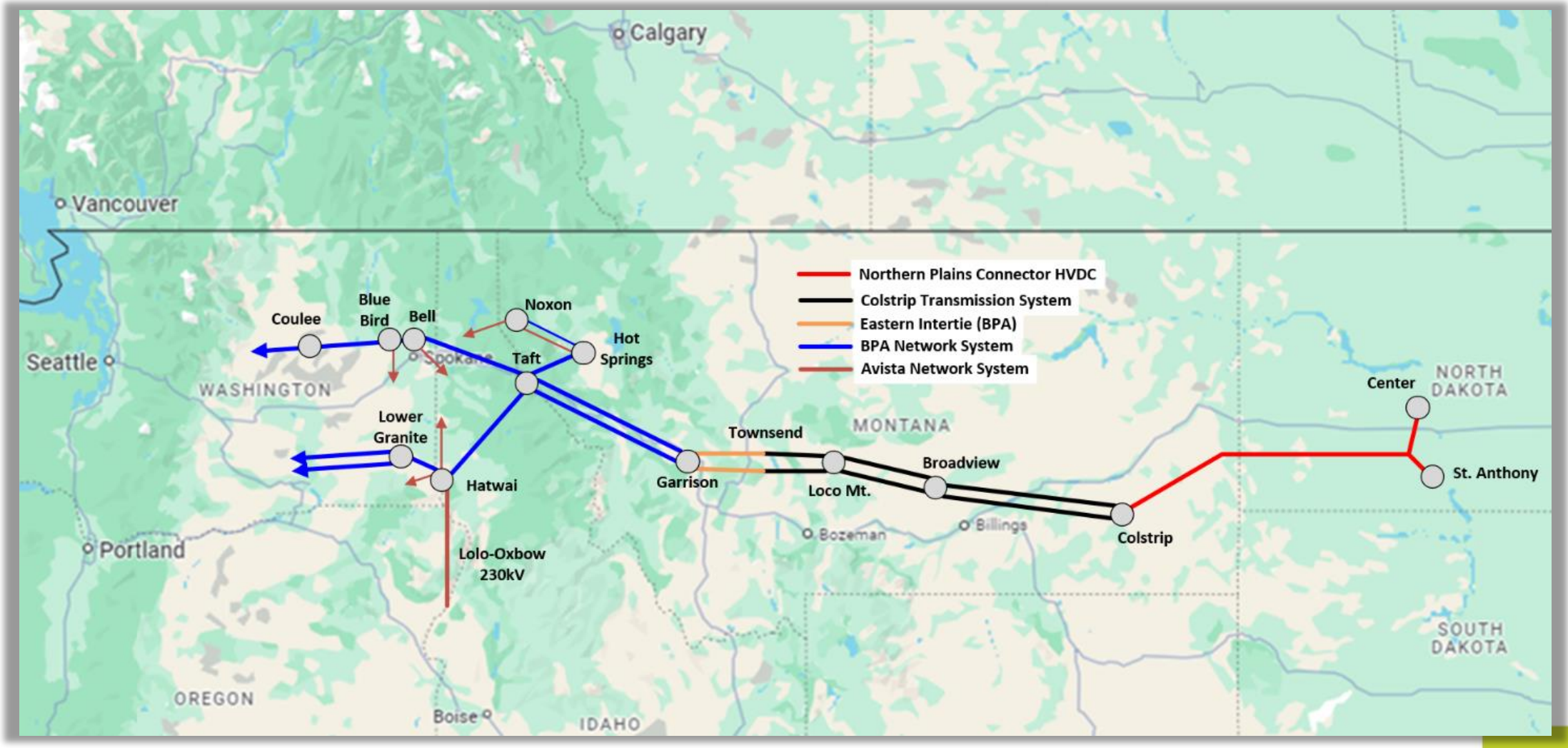
Resource Strategy Selections



Customer Solutions Selections



Transmission Expansion



Does not include transmission necessary to deliver new generation

New Resource Supply Selections

2025 to 2030

Market Power

Avista will begin a competitive process to find the best resource to meet these needs in 2025

Community Solar
2.5 MW

2031 to 2039

Transmission to Eastern Markets
300 MW

Wind
457 MW

Natural Gas
90 MW

Community Solar
5.6 MW

2040 to 2045

Nuclear
100 MW

Wind
567 MW*

Solar
300 MW

Natural Gas
185 MW

Power to Gas
394 MW**

Batteries
150 MW

Long-Duration Energy Storage
111 MW

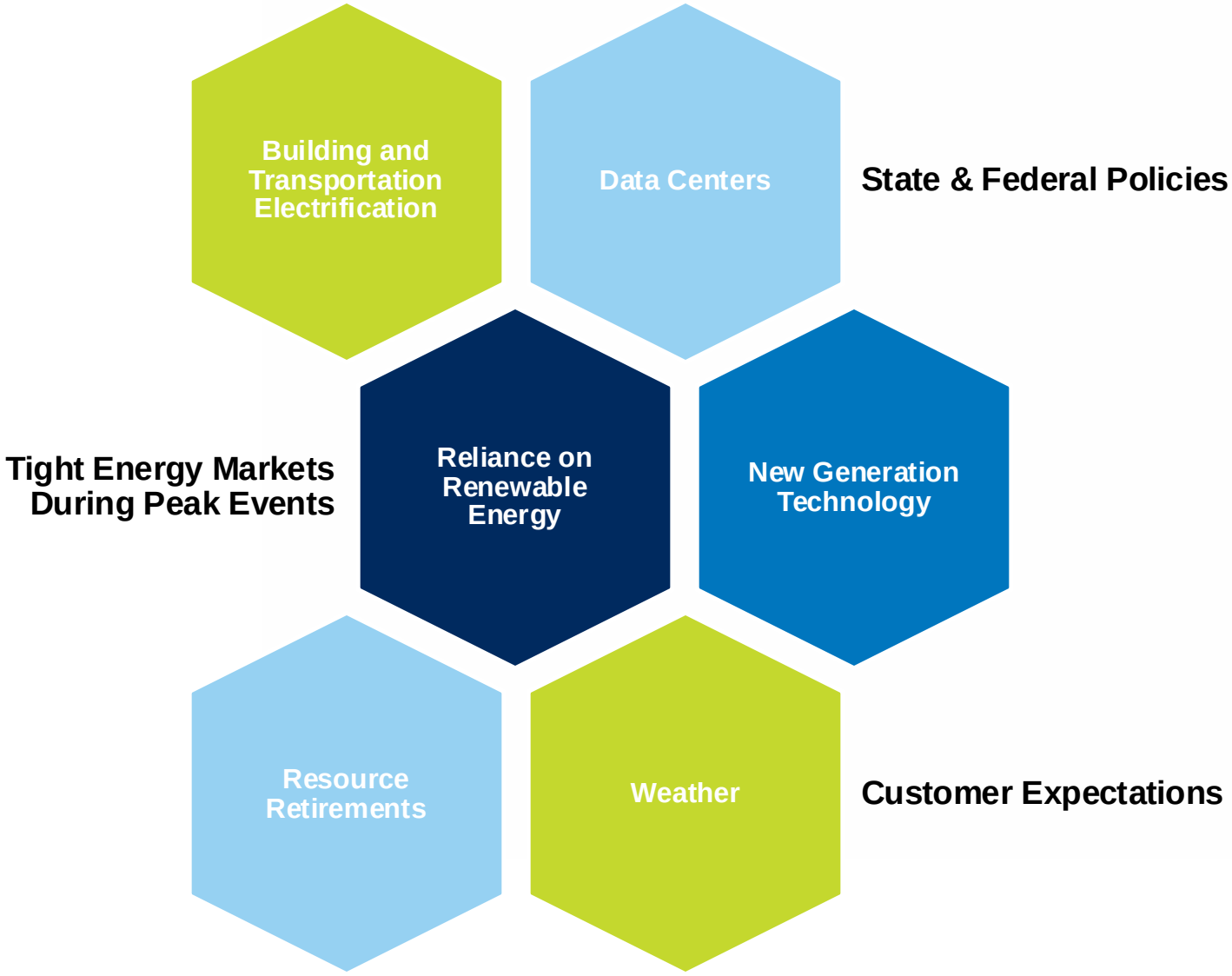
Biomass
68 MW

Geothermal
20 MW

Community Solar
3.1 MW

*includes replacement of 245 MW of existing wind contracts
** includes converting an existing natural gas plant to hydrogen

Challenges & Opportunities



How Can You Get Involved

Provide comments today or email

- irp@avistacorp.com

Join our Technical Advisory Committee (TAC)

- https://www.myavista.com/about-us/integrated-resource-planning

Join our Equity Advisory Group (EAG)

- https://www.myavista.com/ceta

File Comments with the WUTC (Washington Customers)

- Docket UE-230793
- https://www.utc.wa.gov/e-filing
- Email: records@utc.wa.gov
- Public Meeting on November 26, 2024 at 9:30am

File Comments with the IPUC (Idaho Customers)

- https://puc.idaho.gov/Form/CaseComment

Q&A

- Please feel free to add your question to the Chat or email to irp@avistacorp.com
- Please keep questions specific to the Electric Integrated Resource Plan

Thank you