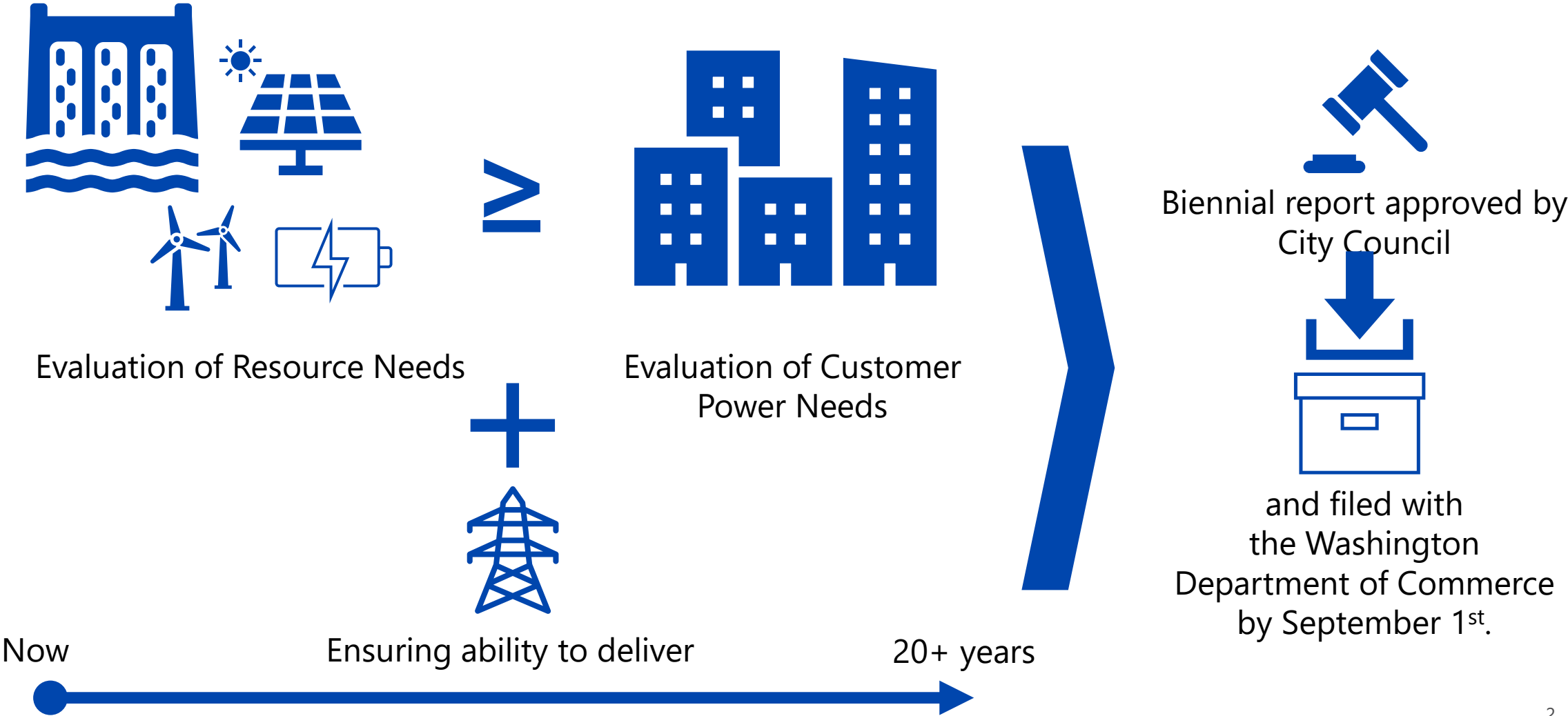


2026 Integrated Resource Plan (IRP) RES

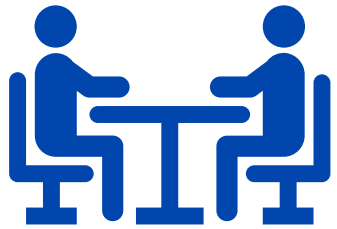
Parks & City Light Committee

June 3, 2026

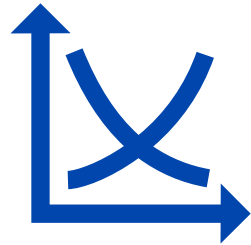
Integrated Resource Plan (IRP) Requirements



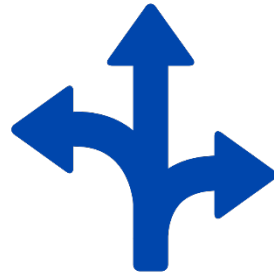
What is the Process to build an IRP?



Customer & Stakeholder
Engagement



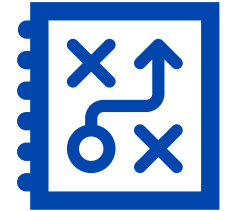
Evaluation of Load
& Resources



Not a Perfect
Forecast



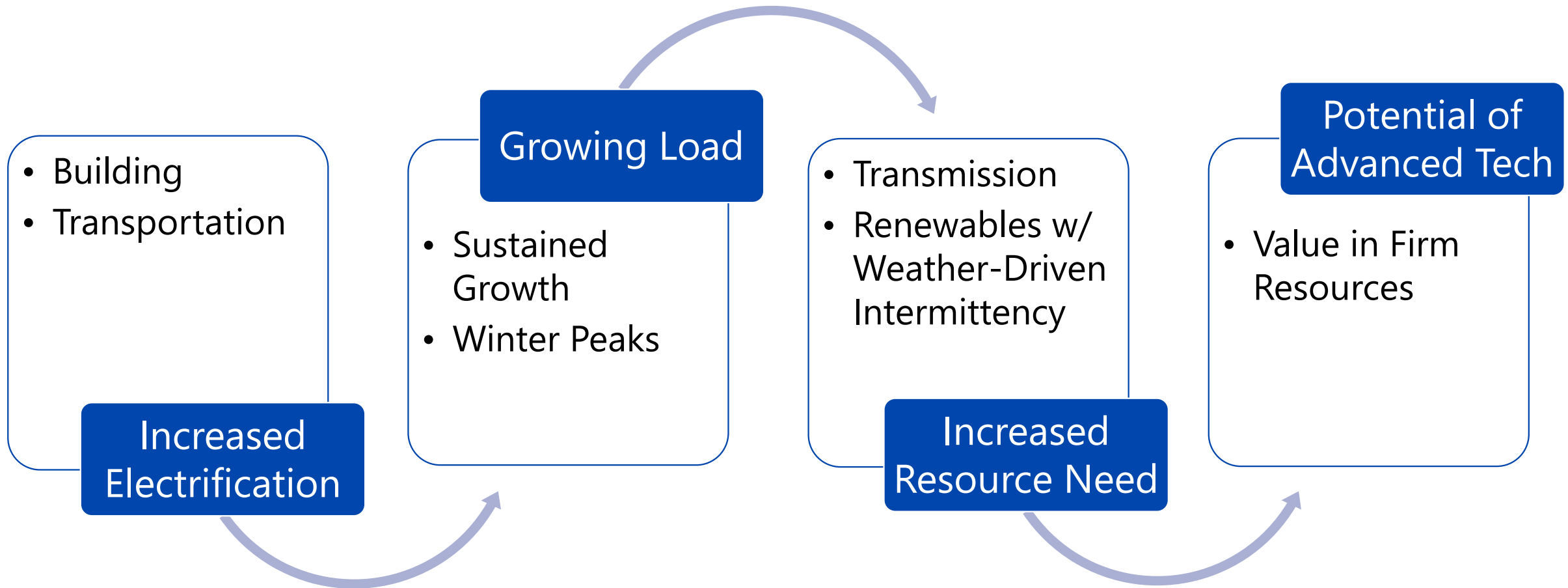
Not an
Acquisition Plan



Resource Planning
Playbook



2026 IRP Takeaways



External Advisory Panel

Organizations

Emerald Cities Collaborative

Byrd Barr

Bonneville Power Administration (retired)

University of Washington

Seattle Pacific University

Envirometrics, Inc.

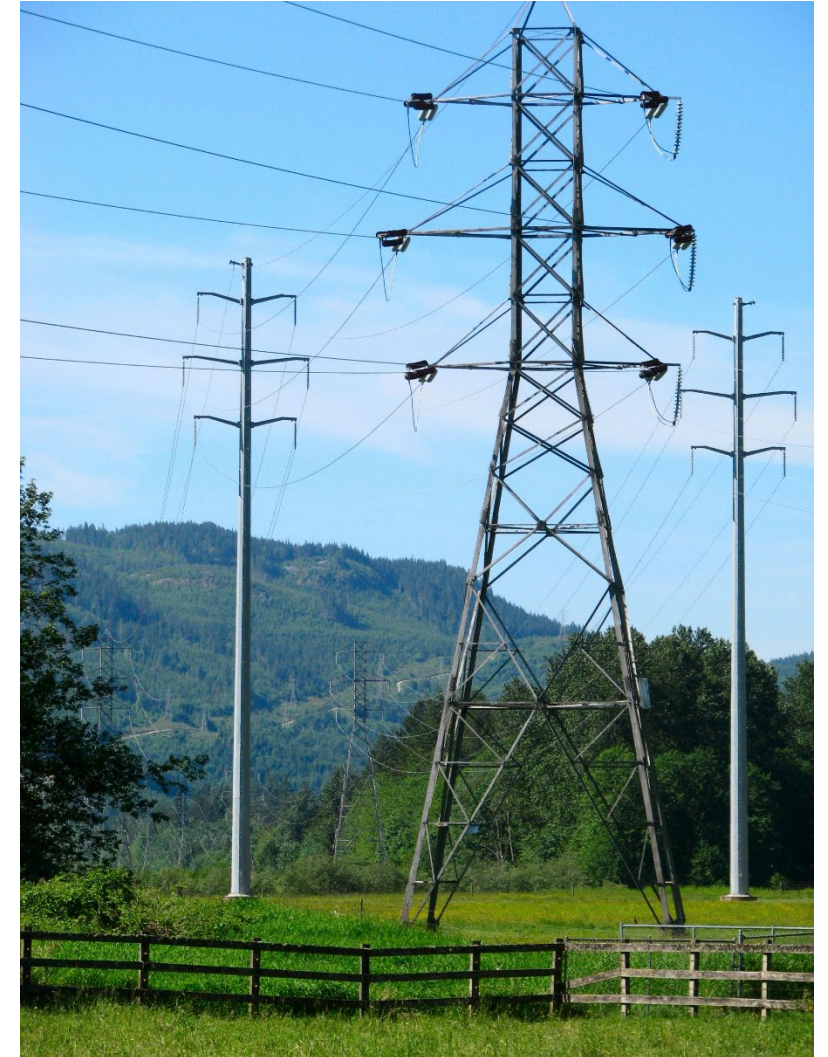
NW Power & Conservation Council

WA Department of Commerce

Pacific Northwest National Laboratory

King County

Northwest Energy Coalition



Integrated Outreach & Engagement Approach



- Promoted internal coordination
- Partnered with Department of Neighborhoods
- Centered voices from customers
- 12 community events
- Connected with 17 language communities
- Collected over 575 responses

Generation: Owned & Long-Term Non-BPA Contracts

ENERGY RESOURCES

- Owned Hydro
- Treaty Rights From British Columbia
- Long-Term Hydro Contracts (CBH is the Columbia Basin Hydropower)
- Other Long-Term Contracts



The BPA's federal hydropower network

Bonneville Power Administration sells electricity from 31 federal dams. In all, the dams can generate up to 22,060 megawatts of electricity, but in an average year generate 8,716 megawatts, nearly enough to supply more than seven Seattle-sized cities.

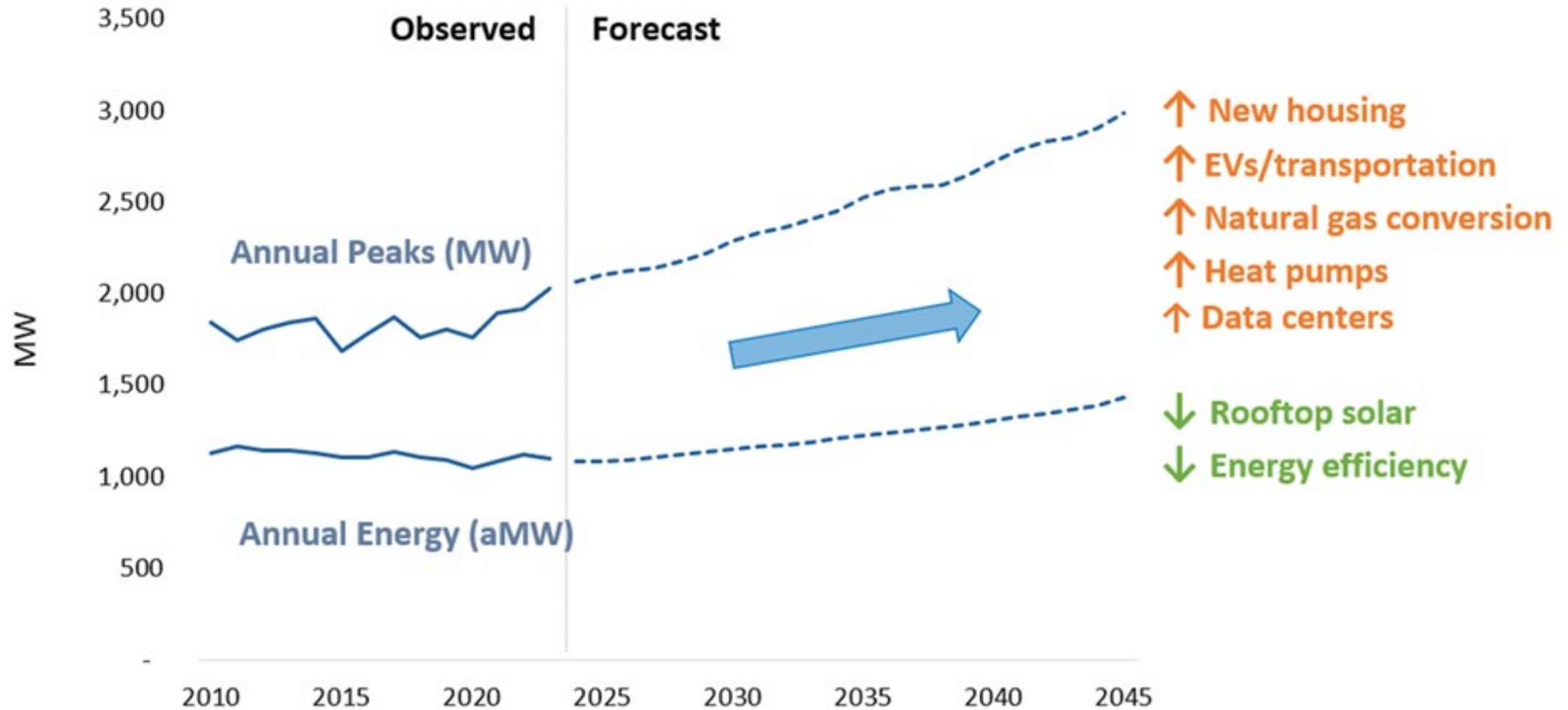
- BPA service area
- Federal dam
- Seattle City Light Resource
- SCL Owned Hydro

**The BPA also markets electricity from the Energy Northwest nuclear-power plant near Richland. It has the capacity to generate 1,207 megawatts.*

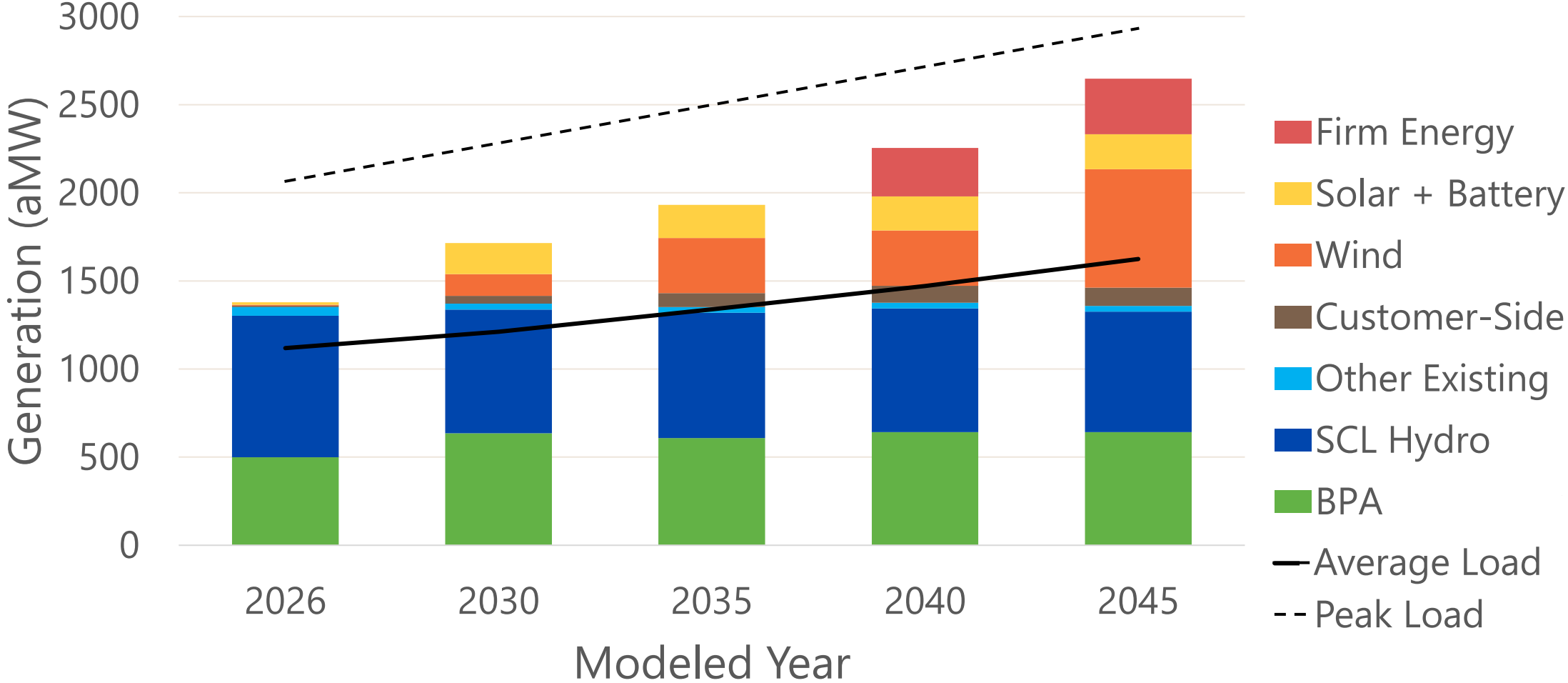


Sources: Esri, Bonneville Power Administration

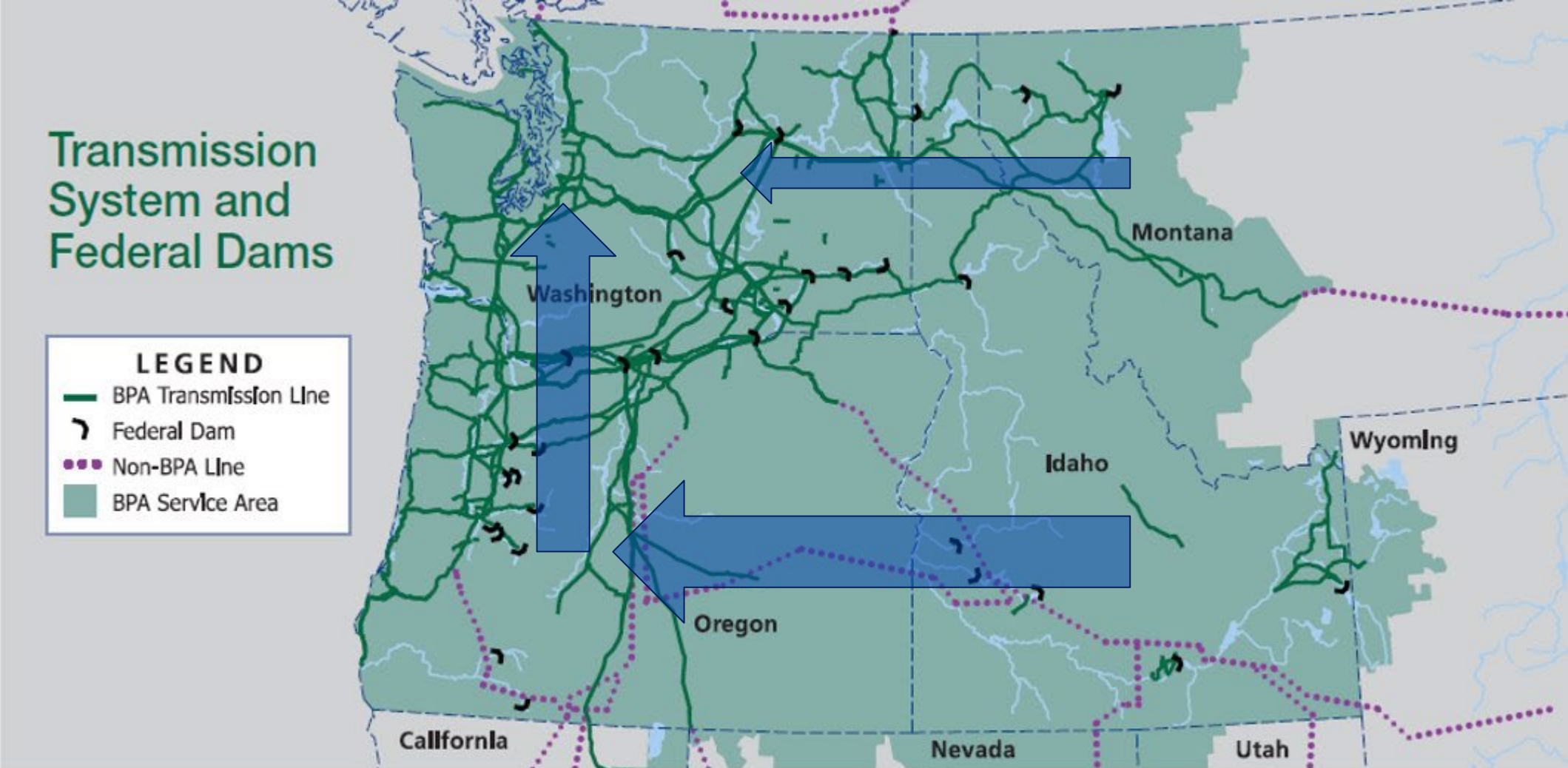
2026 IRP Load Forecast



IRP Results – New Resource Needs



No Transition Without Transmission



Preparing Seattle's Energy Landscape for the Future

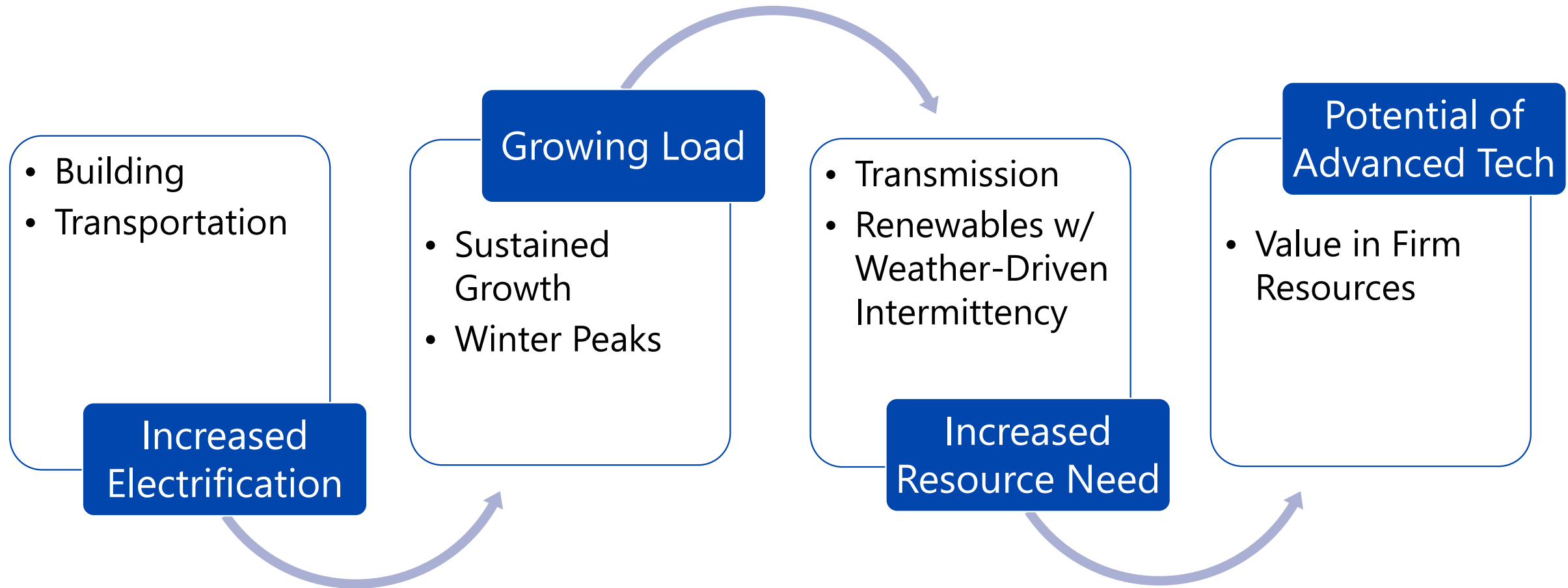
Supply-Side Resource Additions (MW)	2026-2035	2036-2045	Total
Battery	109	251	360
Solar	600	0	600
Wind	1,002	1,308	2,310
Firm Energy Purchases	0	314	314
<i>Supply-Side Resources Total</i>	<i>1,711</i>	<i>1,873</i>	<i>3,585</i>

Preparing Seattle's Energy Landscape for the Future

Customer-Side Resource Additions (MW)	2026-2035	2036-2045	Total
Conservation	78	25	103
Demand Response	15	0	15
Customer Solar	14	23	37
<i>Customer-Side Resources Total</i>	107	48	155

Resource Additions (MW)	2026-2035	2036-2045	Total
Supply-Side + Customer-Side	1,818	1,920	3,738
Transmission Needed	302	203	505

2026 IRP Takeaways



Requested Action

- Adopt a Resolution that:
 - Acknowledges and approves the 2026 IRP Report to allow its submission to the Washington Department of Commerce by September 1, 2026
 - Establish the September 1, 2028, submission date for the next Integrated Resource Plan Progress Report



THANK YOU



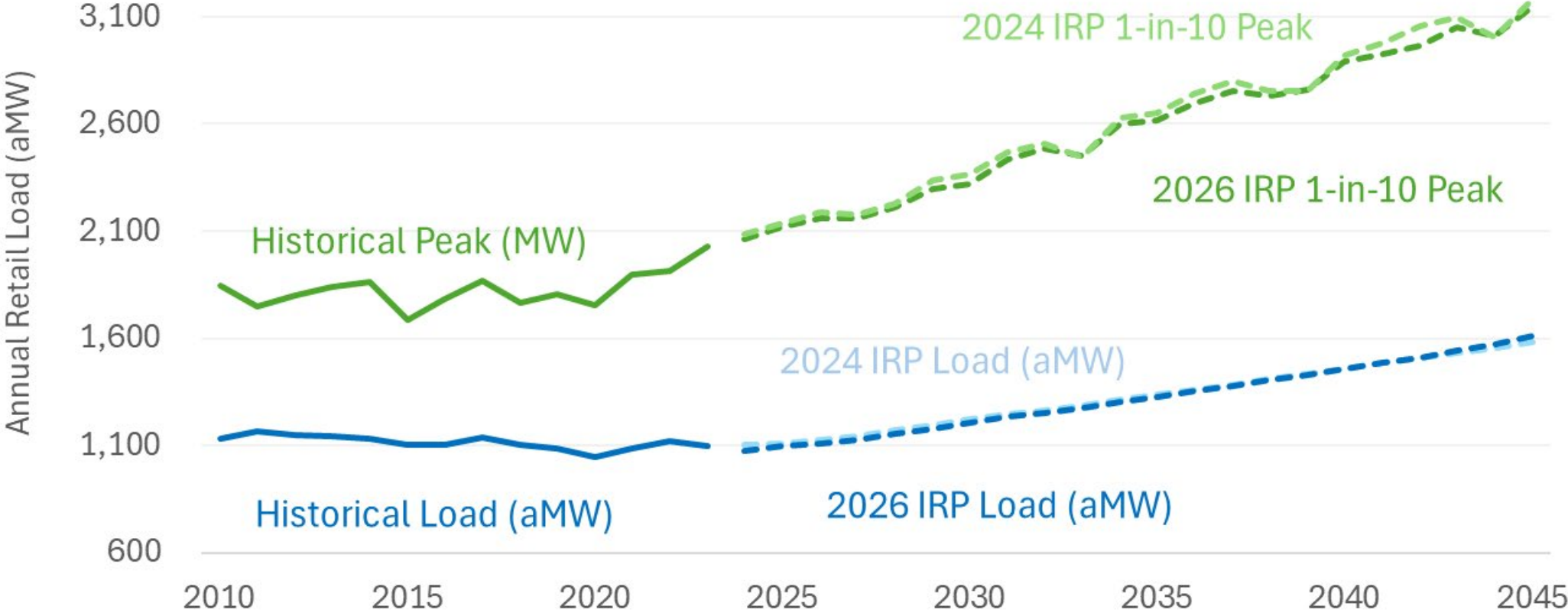
Seattle City Light

Appendix



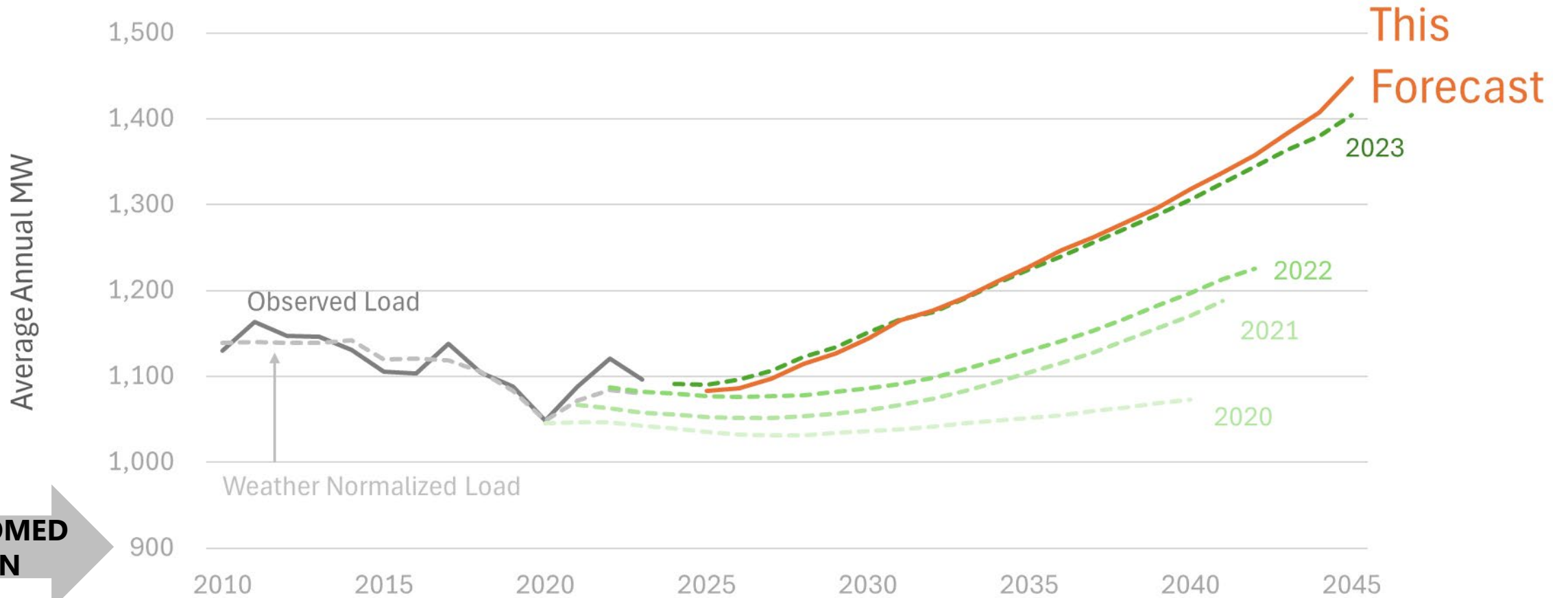
Load Growth: 2024 IRP Progress Report v 2026 IRP

Load Forecast Comparison



Comparison to Previous Forecasts

Load Forecast Comparison



**ZOOMED
IN**