



Tribal Webinar:

GAT Accelerate Expansion/GERP 1.0 & 2.0 Project Portfolio

February 24, 2026



Tribal Webinar Outline

- **Welcome and opening remarks** Mike Miller
- **BPA & Tribal Affairs overview** Marcy Foster
- **GAT Accelerate Expansion** Ivy Tyson
- **GERP 1.0 & 2.0 Portfolio** Erich Orth
- **Tribal engagement** Marcy Foster
- **GERP mapping demo** Sean Egusa
- **Questions & answers**
- **End**

Welcome & Introductory Remarks



Mike Miller

Senior Vice President

Transmission Services

Bonneville Power Administration

BPA Overview

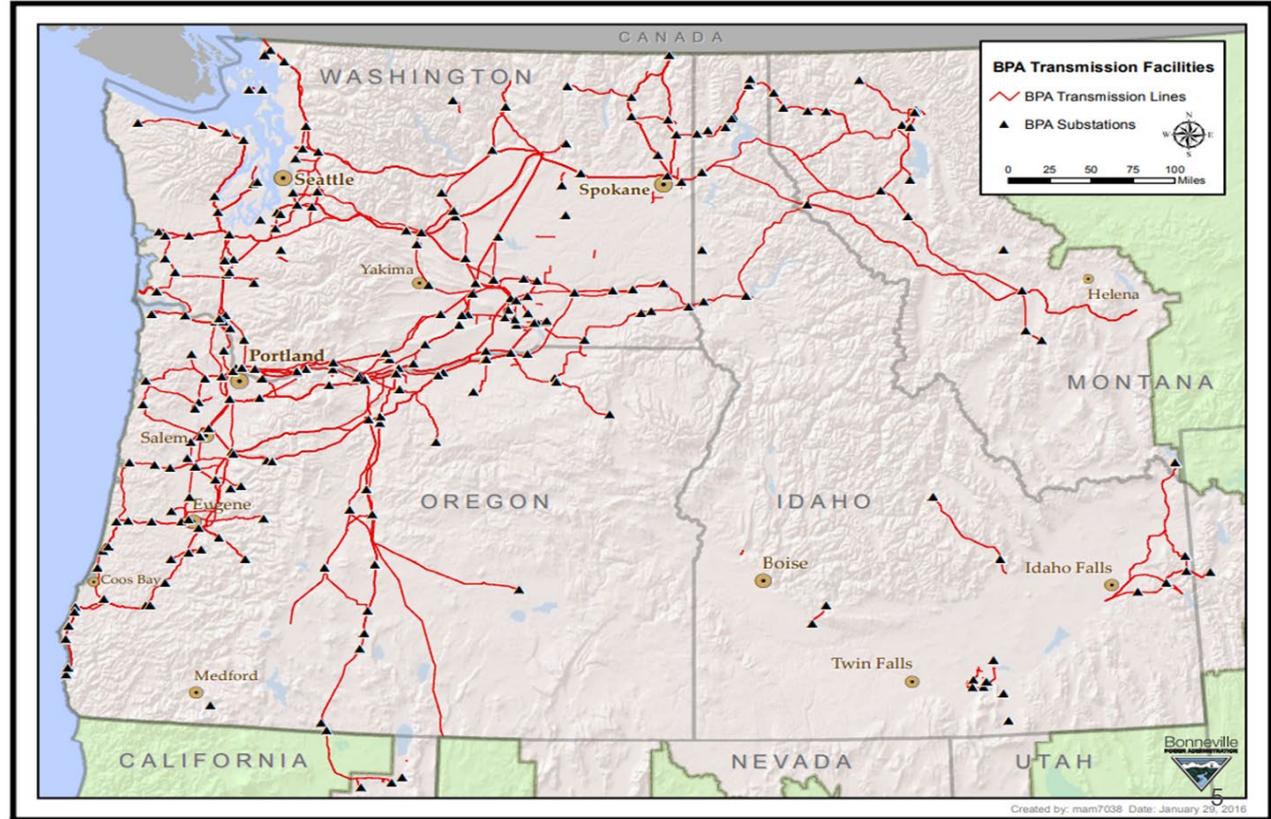
- BPA is a self-funded nonprofit federal power marketing administration within U.S. DOE based in the Pacific Northwest.
- BPA markets wholesale electrical power from 31 federal, one nonfederal nuclear plant and several small nonfederal power plants.
- BPA owns no power generators.
- BPA recovers all costs from selling power and transmission services.



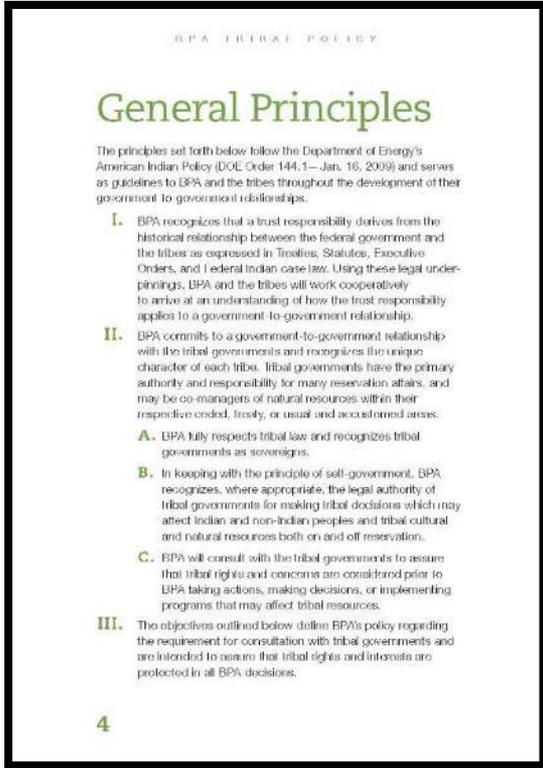
BPA delivers reliable, affordable and carbon-free hydropower produced in the Columbia River Basin to communities across the Northwest.

Transmission Service Territory

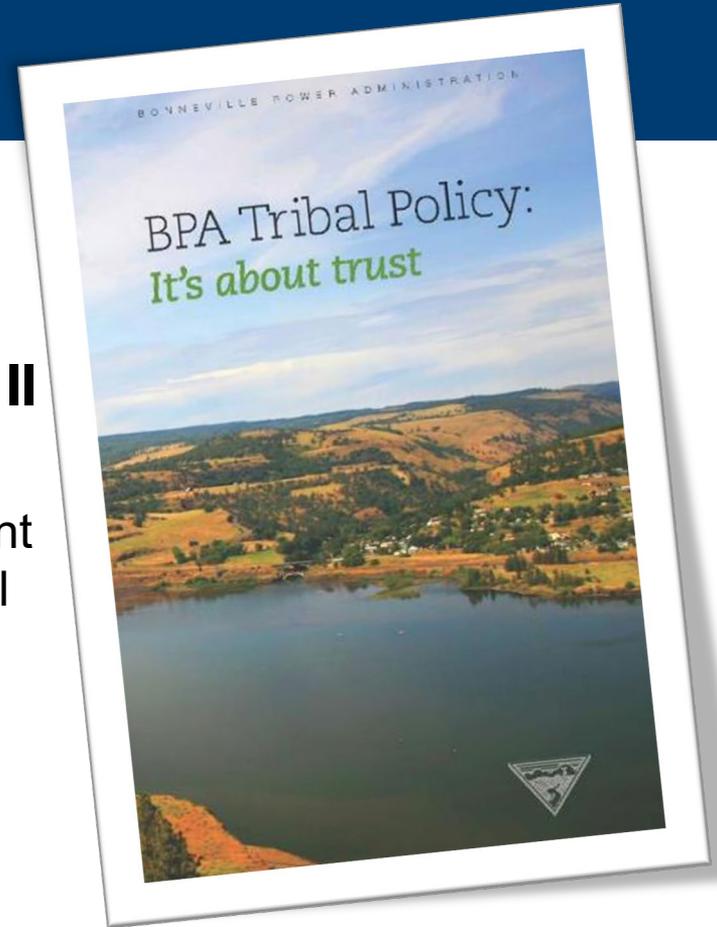
- Operates and maintains **75%** of the Northwest high voltage transmission system.
- BPA owns and operates **15,000+** circuit miles of transmission lines known as the Federal Columbia River Transmission System.



BPA Tribal Policy



Tribal Policy Section II
 BPA commits to a government-to-government relationship with the Tribal governments and recognizes the unique character of each Tribe.



Tribal GAT/GERP Outreach

- **May 2025** **ATNI Mid-Year Convention** – Airway Heights, WA
- **Aug. 2025** **Tribal Energy Sovereignty Summit** – Snoqualmie, WA
- **Oct. 2025** **ATNI Annual Convention** – Suquamish, WA
- **Nov. 2025** **Western Tribal Transmission Workgroup** – Virtual
- **Feb. 2026** **ATNI Winter Convention** – Portland, OR

Tribal Affairs



Marcy Foster
Manager



Joe Connor
Tribal Account Executive



Adam Cummings
Tribal Account Executive



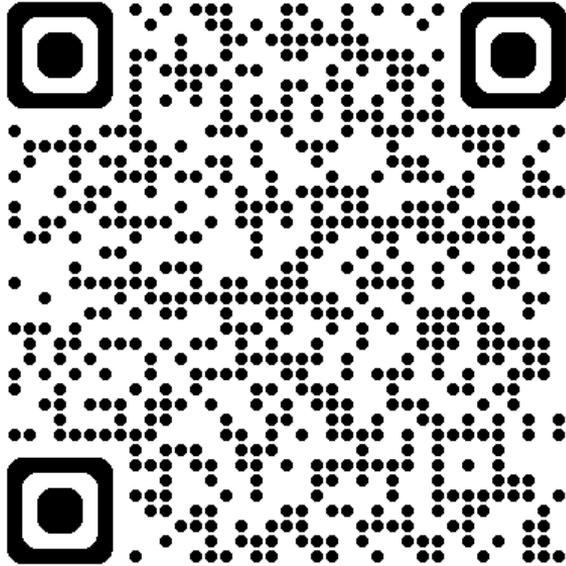
Corrina Ikakoula
Tribal Account Executive



Annette Talbott
Contractor



Kathie Manchester
Program Support Specialist
Contractor



For more info on BPA initiatives and opportunities to engage

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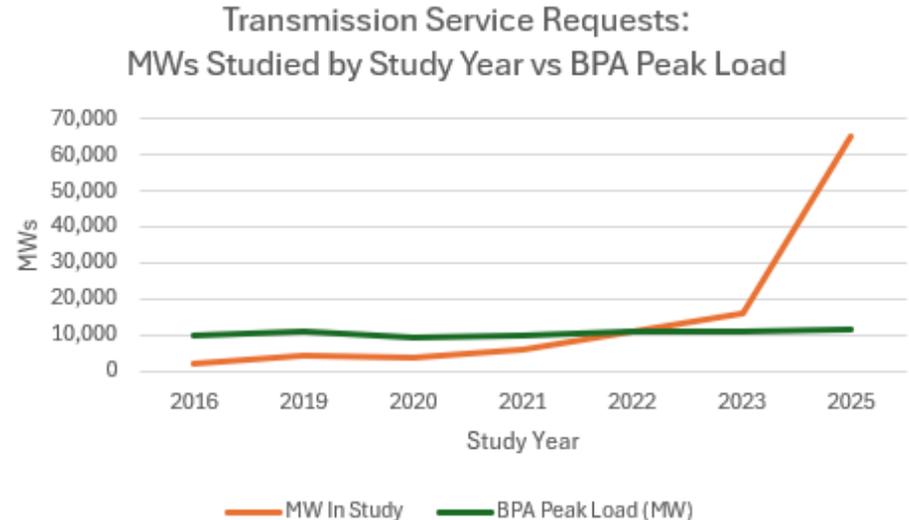


Grid Access Transformation



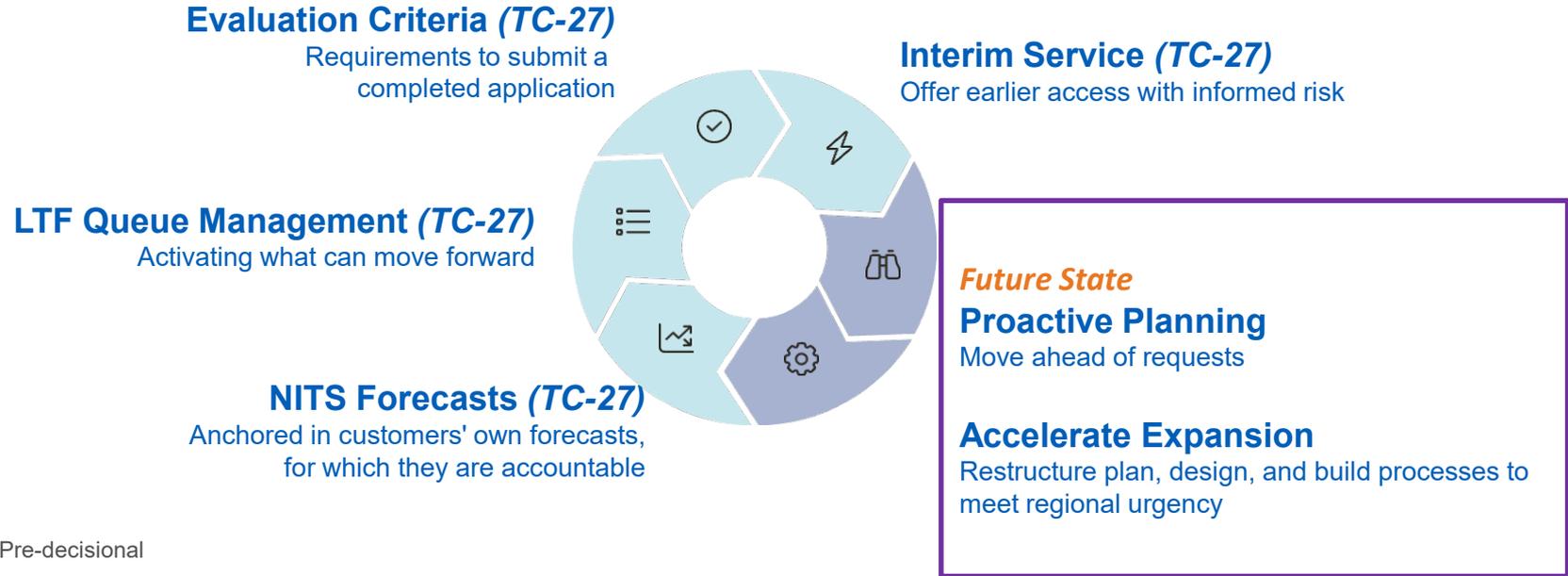
Background

- The current Transmission Service Request queue has grown to 65 Gigawatts (65,000 MW).
 - This is larger than every previous BPA TSR cluster study combined and ~5x larger than BPA's current peak load.
- The current planning environment is now overwhelmed by these requests and, in February 2025, BPA “paused” processing the queue effective August 2024.
- A fundamental shift in how BPA responds to long-term firm transmission service requests and plans for customer needs and expands the transmission system is necessary.



Transmission Transformation

The regional demand guided BPA to a determination that a significant transformation of how it evaluates, studies and responds to long-term firm service needs across the region was necessary



Planning Program Overview

Transition:

- Determine how to respond to the current TSR queue backlog.
- Establish a higher bar for TSR submission.

Future State:

- Equip BPA with a strategy to meet the region's evolving needs, which will likely rely on "less than firm" transmission service and increased congestion management, until expansion allows for firm service offers.
- Shift BPA from a reactive expansion model, triggered by customer requests, to one that anticipates transmission needs.

Accelerate Expansion Overview

Achieve a Request to Service Delivery Cycle of 5 to 6 Years or Less:

- By 2030 establish a delivery pipeline that enables BPA to provide transmission service in 5–6 years or less on a consistent basis, across customer types, and evolving system constraints.

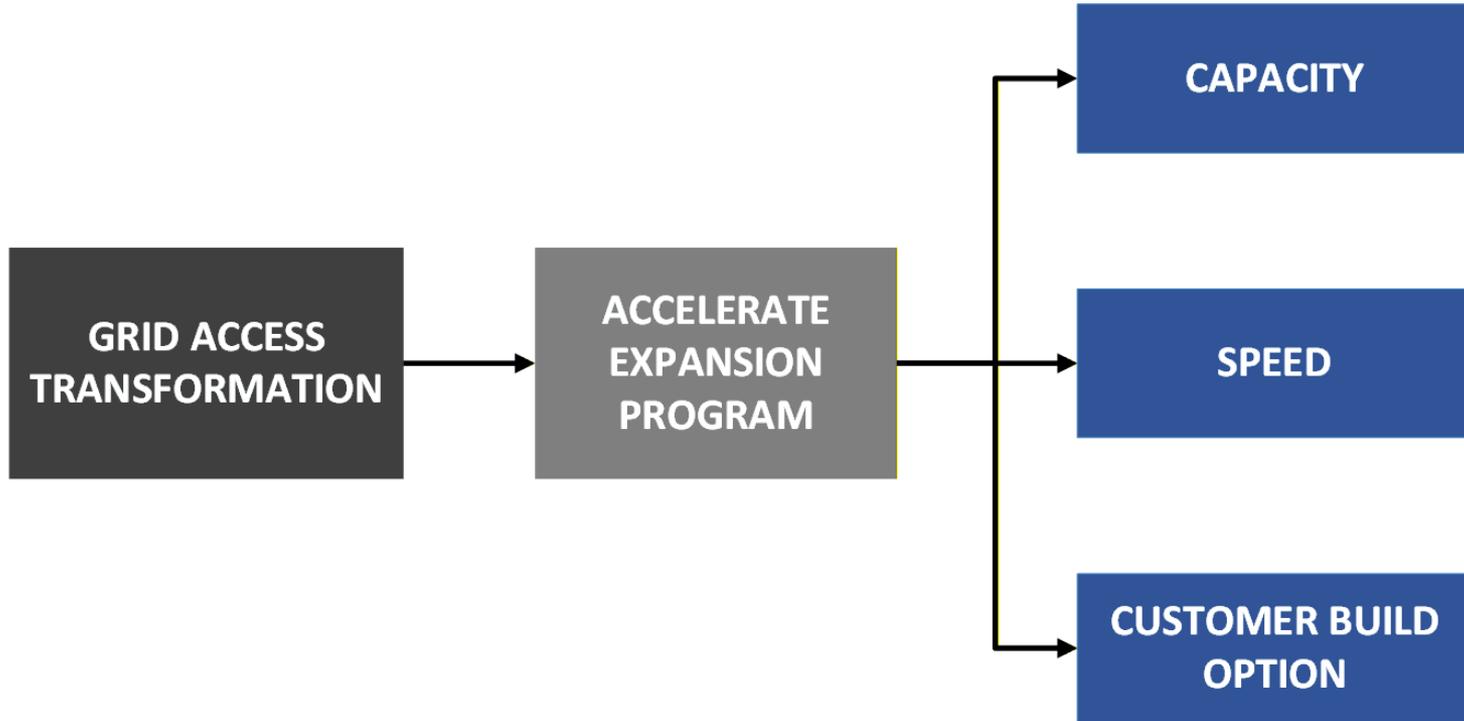
Enable a Customer Build Option:

- By 2027 establish the contractual, technical, and business practices to enable a customer build option for customer driven projects.

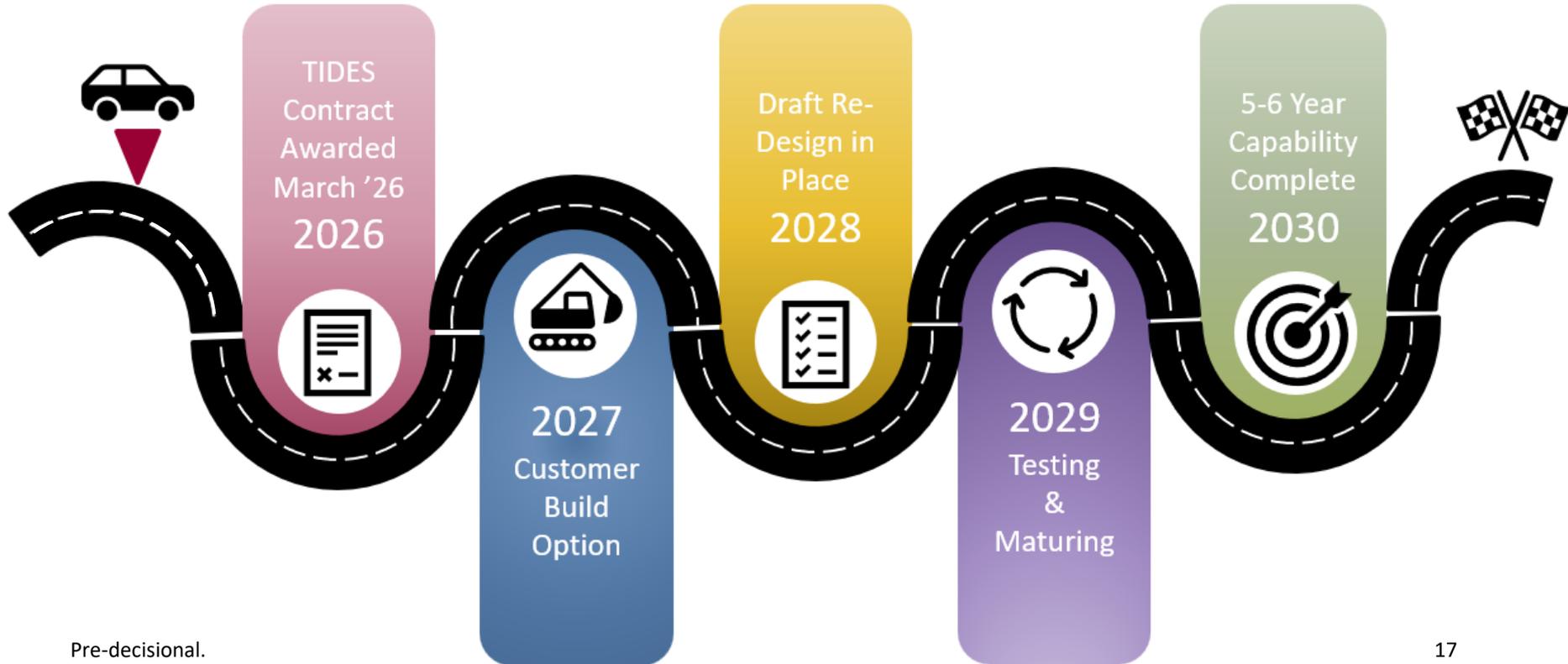
Accelerate Expansion: Principles

- Preserve the safety and reliability of the transmission system.
- Meet all statutory, compliance and reliability obligations.
- Significantly decrease the plan, design, build project lifecycle.

Accelerate Expansion Work Structure

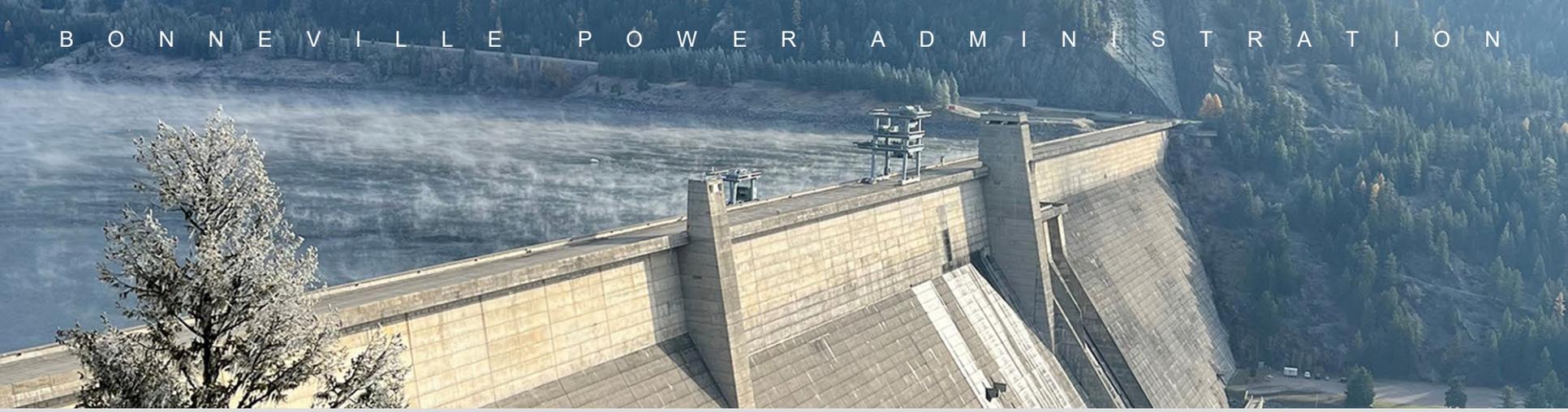


Accelerate Expansion Five Year Timeline



GAT Engagement Schedule

	FY 2026											
	Oct '25	Nov '25	Dec '25	Jan '26	Feb '26	Mar '26	Apr '26	May '26	Jun '26	Jul '26	Aug '26	Sept '26
TC-27 Pre-Proceeding Workshops	 Oct. 28-29 Workshop 1		 Dec. 17-19 Workshop 2	 Jan. 6-7 Workshop 2 (Cont.)  Jan. 15 Customer-Led Workshop		 March 18-19 Workshop 3						
TC-27 Tariff Proceeding							FRN Published ~Apr-Jun					
GAT Future State			 Dec. 17				 Quarterly Update			 Quarterly Update		 Quarterly Update



Grid Expansion and Reinforcement Portfolio (GERP)

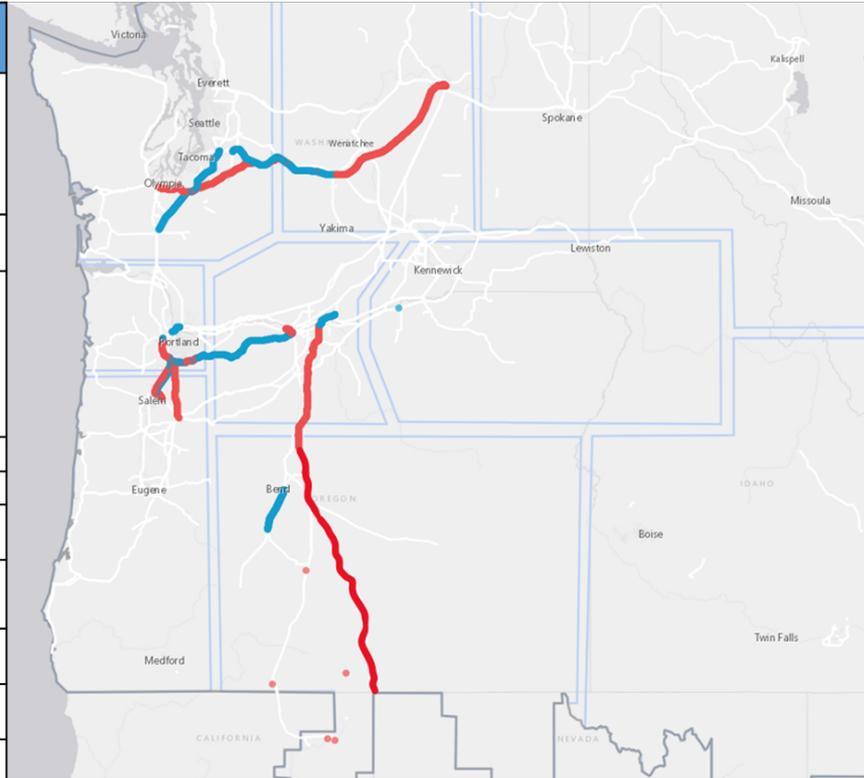


Grid Expansion and Reinforcement Portfolio

- In 2023 and 2024, BPA announced over 20 new transmission line and substation projects, totaling over \$5 billion in estimated costs, which will help improve transmission capacity and reliability throughout the Northwest.
- These expansion projects, previously referred to as Evolving Grid projects, have been rebranded to the Grid Expansion and Reinforcement Portfolio (GERP) to reflect the expanded scope and purpose of the work.

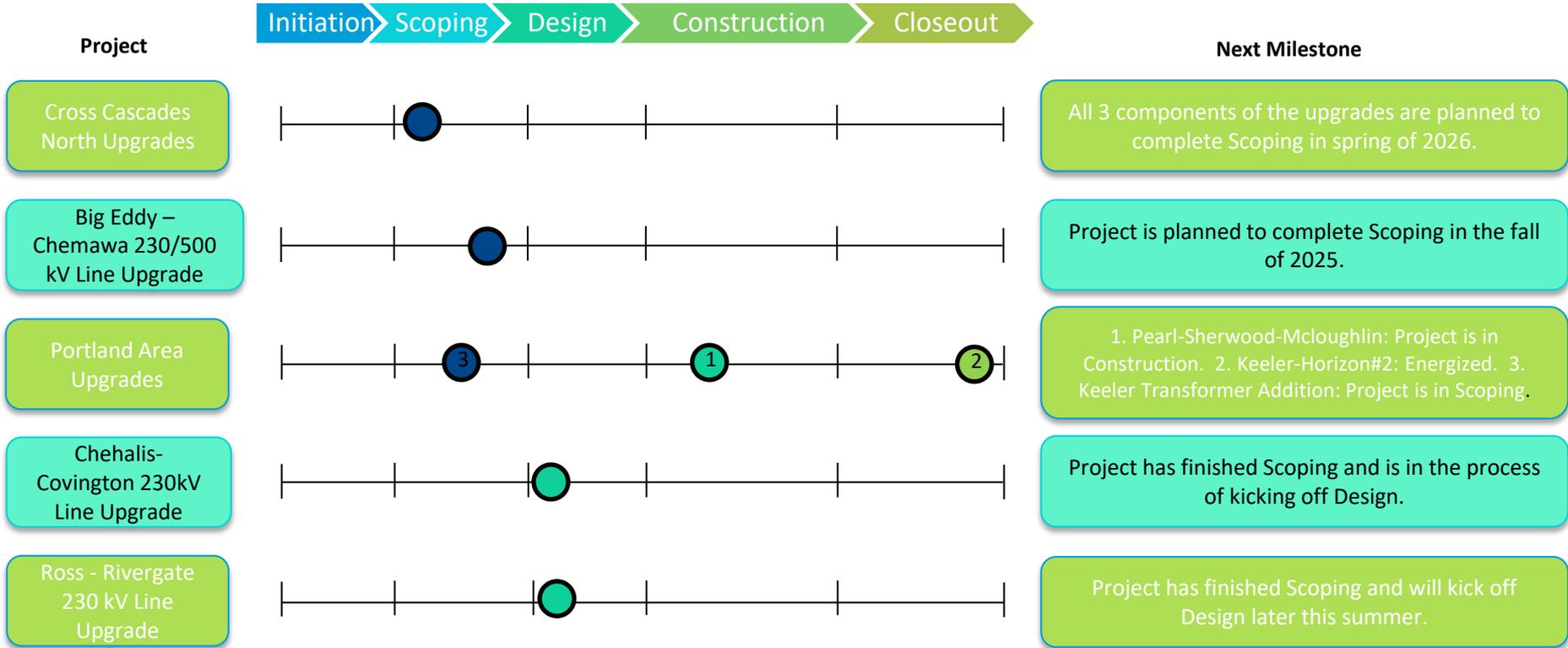
GERP 1.0 & 2.0 Map

GERP 1.0	
1	Cross Cascades North Upgrades <ul style="list-style-type: none"> Schultz-Raver 500 kV Line Upgrade Paul 500 kV Substation Upgrade Olympia 230 kV Substation Upgrade
2	Big Eddy-Chemawa 230/500 kV Line Upgrade
3	Portland Area Upgrades <ul style="list-style-type: none"> Pearl-Sherwood McLoughlin 230 kV Line Upgrade Keeler-Horizon 230 kV Line Keeler 230/500 kV Transformer Addition
4	Chehalis-Covington 230 kV Line Upgrade
5	Ross-Rivergate 230 kV Line Upgrade
6	Rock Creek-John Day 500 kV Line Upgrade
7	Six Mile Canyon 230/500 kV Substation (New Construction)
8	Bonanza 230/500 kV Substation (New Construction)
9	La Pine-Bonanza 230 kV Line (New Construction)
10	Buckley 500 kV Substation Rebuild

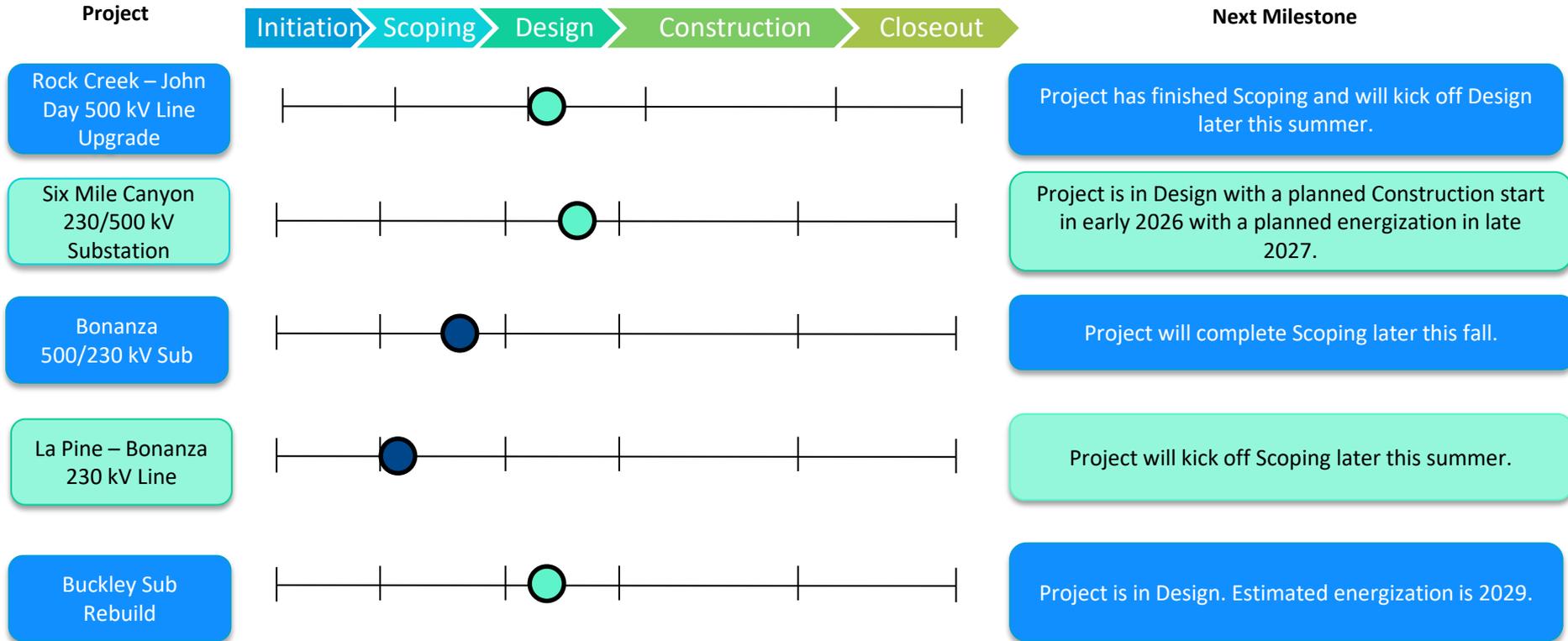


GERP 2.0	
1	Grand Coulee-Columbia-Schultz 500 kV Line Upgrade
2	Schultz-Olympia 500 kV Line Upgrade
3	North of Pearl Upgrades
4	Central Oregon 500 kV Dynamic Reactive Upgrades
5	RATS: Reno-Alturas Reactive Addition
6	Salem Area Upgrades #1 (North of Marion)
7	Salem Area Upgrades #2 (North of Marion)
8	NOB Substation (New Construction)
9	Lower Columbia-Bonanza 500 kV Line (New Construction)
10	Bonanza to NOB 500 kV Line (New Construction)
11	Ostrander-Pearl 500 kV Line Upgrade
12	Big Eddy-Quenett Creek Upgrade
13	Big Eddy-The Dalles Line Rebuild

GERP 1.0 Status



GERP 1.0 Status



GERP 2.0 Implementation Timeline

	FY 2025				FY 2026				FY 2027				FY 2028							
	Quarter	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4				
COULEE-COLUMBIA-SCHULTZ	Planning			Initiation				Scoping				Authorization				Execution				
SCHULTZ-OLYMPIA	Planning/Joint Study				Initiation				Scoping				Authorization				Execution			
NORTH OF PEARL	Planning			Initiation				Scoping				Authorization				Execution				
CENTRAL OR DYNAMIC REACTIVE	Planning			Initiation				Scoping				Authorization				Execution				
RENO-ALTURAS DYNAMIC REACTIVE	Planning			Initiation				Scoping				Authorization				Execution				
NORTH OF MARION #1	Planning			Initiation				Scoping				Authorization				Execution				
NORTH OF MARION #2	Planning			Initiation				Scoping				Authorization				Execution				
OSTRANDER-PEARL UPGRADE	Planning			Initiation				Scoping				Authorization				Execution				
BIG EDDY-QUENETT CREEK UPGRADE	Planning			Initiation				Scoping				Authorization				Execution				
NWPUD BIG EDDY - THE DALLES	N. Wasco Customer Study								Authorization				N. Wasco Execution							
LOWER COLUMBIA - BONANZA	Planning			Initiation				Scoping				Authorization				Execution				
BONANZA - NOB	Planning/Joint Study				Initiation				Scoping				Authorization				Execution			
NOB SUBSTATION	Planning/Joint Study				Initiation				Scoping				Authorization				Execution			

Key Milestones/Activities	Studies		Kickoff Meeting	SOW	SCM Phase 0		BC Development Rate Analysis		
	Preliminary PRD		SG0 Approval		SCM Phase 1		BC Approval	SCM Design/Construction	
	Planning		Initiation		Scoping		Authorization		Execution

Pre-decisional.

Additional Resources

- **TC-27 Tariff Proceeding**

<https://www.bpa.gov/energy-and-services/rate-and-tariff-proceedings/tc-27-tariff-proceeding>

- **Grid Access Transformation**

<https://www.bpa.gov/energy-and-services/transmission/grid-access-transformation-project>

- **Grid Expansion & Reinforcement Portfolio**

<https://www.bpa.gov/energy-and-services/transmission/grid-expansion-and-reinforcement-portfolio>

Tribal Engagement

- BPA will continue to review each project proposal and determine the appropriate level of environmental compliance.
- Tribal engagement will continue during the environmental compliance process consistent with the level of environmental compliance and analysis.
- BPA will continue to consult following the regulations implementing Section 106 of the National Historic Preservation Act.

GERP Project Map Demonstration

https://www.bpa.gov/energy-and-services/transmission/grid-expansion-and-reinforcement-portfolio

Bonneville
Bonneville Power Administration

Energy & Services | Environment & Land | Learn & Participate | About & Careers

Power Services | Transmission Services | Energy Efficiency | Rate & Tariff Proceedings | Customer & Contractor Services

Doing Business

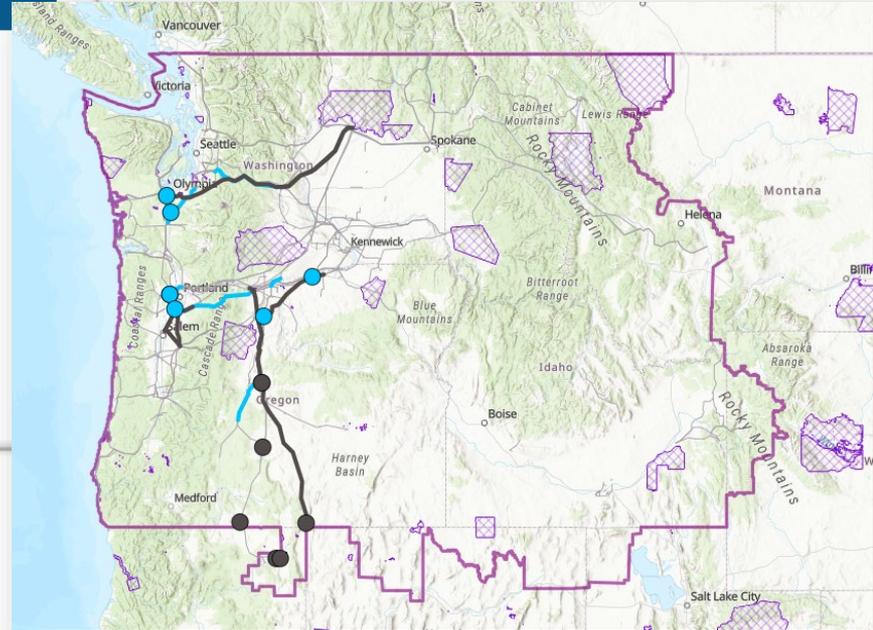
- Becoming a Transmission Customer
- Grid Expansion and Reinforcement Portfolio (GERP)**
- Acquiring Transmission
- Business Practices
- Notices
- Open Access Transmission Tariff
- Attachment K Planning
- Transmission Business Model
- Coordinated Transmission Agreement
- Customer Training
- Standards of Conduct

Grid Expansion and Reinforcement Portfolio (GERP)

In 2023 and 2024 BPA announced over 20 new transmission line and substation projects, totaling over \$5 billion in estimated costs, which will help improve transmission capacity and reliability throughout the Northwest.

These expansion projects, previously referred to as Evolving Grid projects, have been rebranded to the Grid Expansion and Reinforcement Portfolio (GERP) to reflect the expanded scope and purpose of the work.

- [GERP 1.0 & 2.0 Interactive Map](#) (updated 1/26/26)
- [Guide to GERP Interactive Map](#) (updated 1/26/26)
- [GERP 2.0 Project Summaries](#) (updated 1/26/26)
- [GERP 2.0 Map](#) (updated 2/05/26)
- [GERP 1.0 Project Summaries](#) (updated 1/26/26)
- [GERP 1.0 Map](#)



Questions & Answers

Tribal Affairs

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Learn more about BPA
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