

A photograph of a wind farm on a rolling, hilly landscape under a blue sky with light clouds. Several white wind turbines are visible, some in the foreground and others in the distance. The terrain is a mix of brown and green, suggesting a semi-arid or high-altitude environment.

Cascade Renewable Transmission Project

Securing Our Clean Energy Future

City of White Salmon ~ December 20, 2023

Urgent Need

Increasing energy demand

Minimal to no available east to west transmission capacity

Stranded renewables east of the Cascades

Challenges with overhead wires and towers



NORTHWEST STATES NEED TO BUILD NEW POWER LINES, FAST
Otherwise, Oregon and Washington will miss critical climate targets.

October 13, 2022

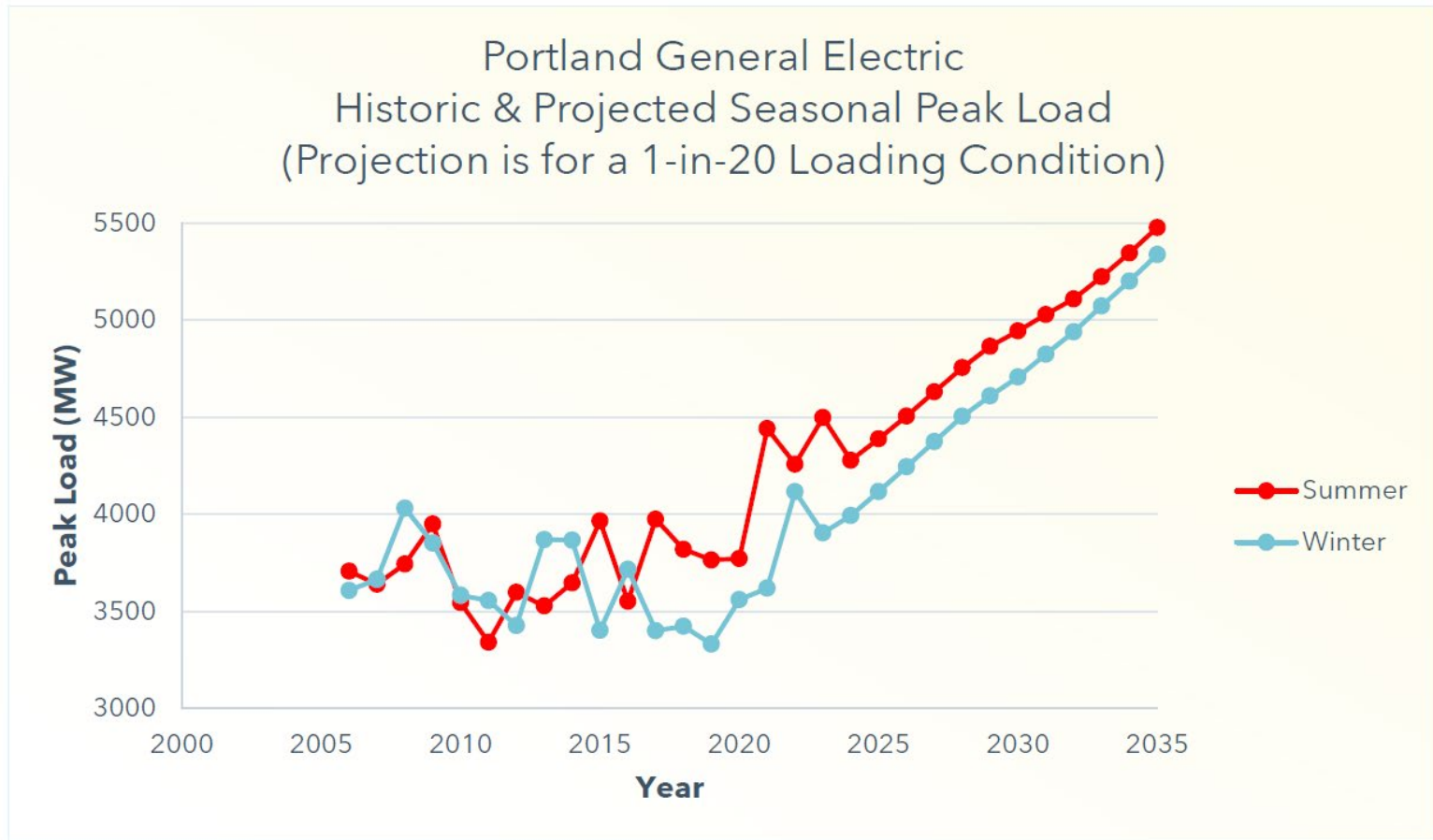


Capital Press
EMPOWERING PRODUCERS OF FOOD & FIBER

November 4, 2022

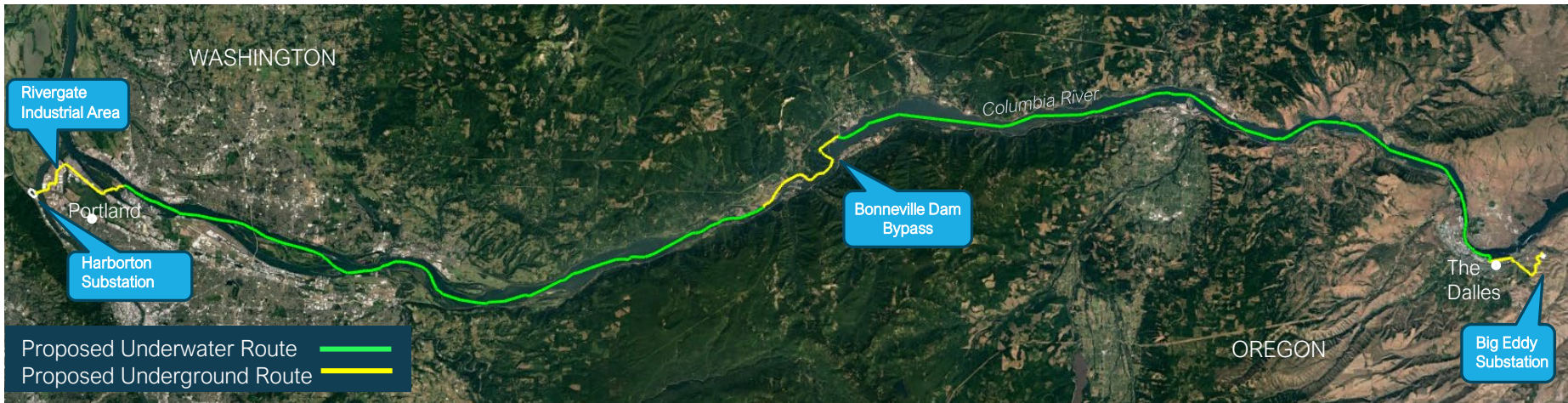
**Transmission lines could hold back Washington's
clean-energy ambitions**

Urgent Need



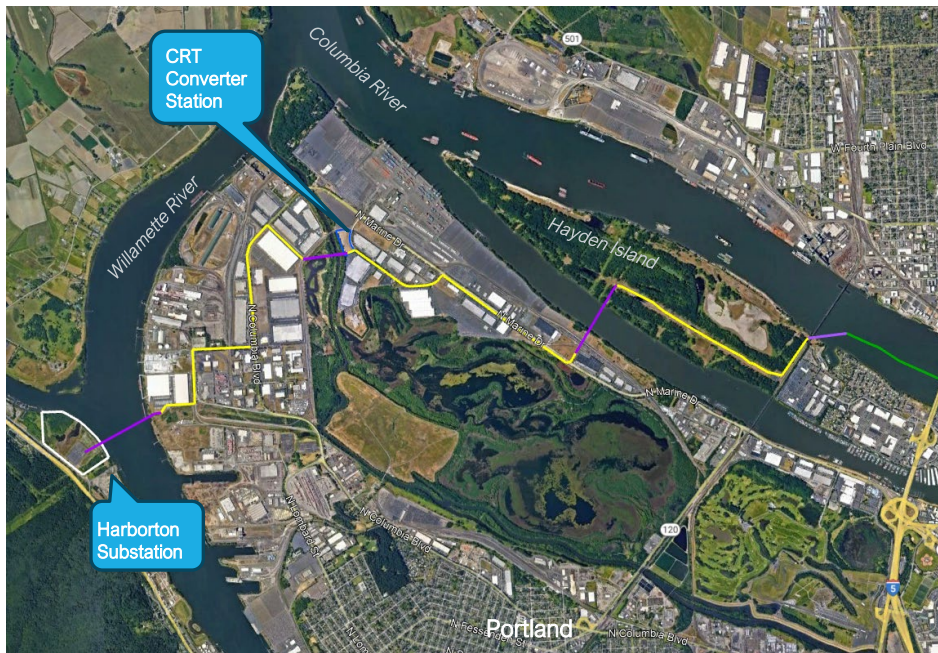
Project Route

100-mile underwater/underground transmission line from The Dalles to Portland including a 7-mile underground bypass of Bonneville Lock and Dam in Washington



Project Route

Project Converter Stations in The Dalles adjacent to BPA's Big Eddy Substation and in the Rivergate Industrial Section of Portland, near PGE's Harborton Substation



Portland/Rivergate Industrial District
5-mile Underground Line



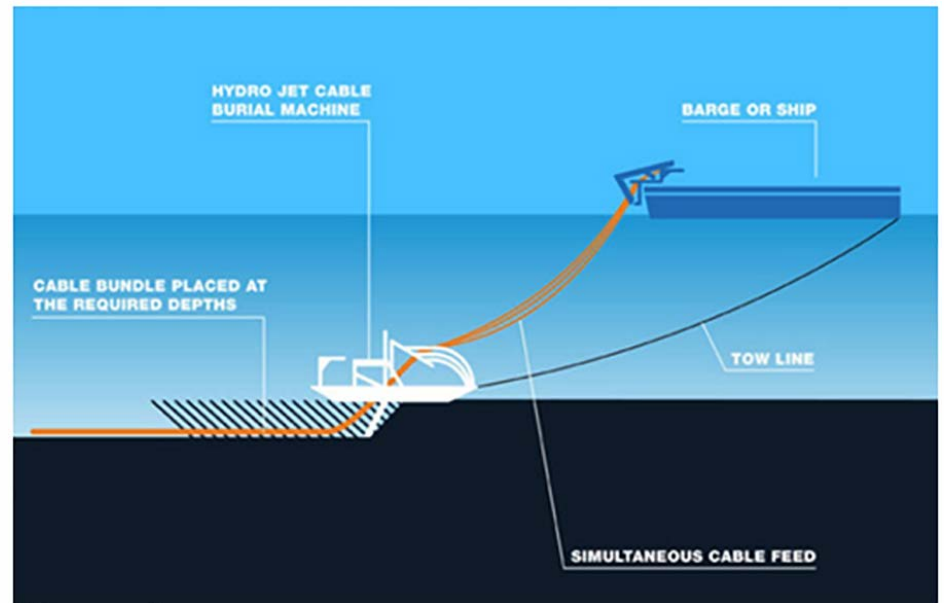
The Dalles
5-mile Underground Line

HVDC Submarine Cable



The main power cable is less than 6 inches in diameter; two cables are bundled with a fiber optic cable for burial in the riverbed.

The “jet plow” is towed by a barge or ship. Water jets in the plow blade create an 18-inch-wide trench by fluidizing the sediment while the cable is simultaneously laid into the trench, and the sediment settles back down over the cable.



Benefits to Gorge Communities

Well Paying Jobs with Benefits

- Project labor agreements
- 300-400 jobs during construction
- Approximately 20 long-term jobs during operations

Property Tax Base Increase

- Wasco County
- Skamania County

Expand Workforce Training and Education Partnerships

- Columbia Gorge Community College
- Vancouver Public School Districts
- Youth Builders
- Columbia Gorge STEM Hub
- Columbia Pacific Building & Construction Trades Council

Additional Community Benefits Plan Investments

- Fish and wildlife habitat restoration partnerships
- Support regional small business loan programs

Enable Renewable Energy Projects

- Construction jobs
- Long-term employment opportunities
- Property tax revenue

Permitting Update

ODOE EFSC

- NOI submitted March 2023
- Informational Public Meetings Held in The Dalles and Portland May 2023
- Project Order Issued July 2023
- Preapplication Targeted for 1Q 2024

WA EFSEC

- Initial Consultation August 2023
- Preapplication Request to be Filed December 2023
- Public Meetings to be Held in Klickitat, Skamania & Clark Counties Jan/Feb 2024

USACE

- Section 408 Initial Request Filed December 2021
- Section 404, Section 408 Applications Targeted for Q1 2024

Agency Coordination

- Ongoing Multi-Agency Coordination Meetings – three held in 2023

Ongoing Outreach

Stakeholders

- Legislators
- Municipal and County Leaders
- Labor Organizations
- Environmental Groups
- Energy Reliability and Planning Organizations
- Clean Energy Advocates
- Educational Institutions

Tribal Outreach

Introductory Meetings Held:

- CRITFC
- Yakama
- Umatilla
- Warm Springs
- Nez Perce

Project Updates Provided:

- Chehalis
- Siletz
- Grand Ronde
- Cowlitz



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www.cascaderenewable.com