



The Confederated Tribes of Warm Springs & Portland General Electric

A UNIQUE PARTNERSHIP TO ADVANCE TRIBAL ENERGY LEADERSHIP, RELIABILITY, AND ENVIRONMENTAL SUSTAINABILITY

For several decades, Portland General Electric and the Confederated Tribes of the Warm Springs Reservation of Oregon (CTWS) have co-owned and co-operated the Pelton Round Butte hydropower project in Central Oregon, providing enough emissions-free energy to power more than 150,000 homes. This unique partnership has generated reliable power for PGE customers and economic benefit for the Warm Springs Reservation, while advancing an ambitious long-term effort to restore salmon and steelhead runs in the Deschutes River Basin.

In 2023, CTWS was awarded \$250 million from the U.S. Department of Energy to upgrade the Bethel-Round Butte transmission line, a crucial piece of clean energy infrastructure. This transmission line was built in the 1960s in service to this valued partnership, delivering output from the Pelton-Round Butte hydropower facility to PGE customers in

the Willamette Valley. CTWS and PGE look forward to building on their strong relationship to execute this critical project, which will bring Oregon closer to zero emissions.

“This is a tremendous opportunity that will open the potential for renewable energy development on the CTWS Reservation to the economic benefit of the tribe and its membership. Upgrading the Bethel-Round Butte transmission line would serve to unlock access to renewable resources east of the Cascades, to serve growing loads both east and west of the Cascades – and it further complements the long-standing partnership CTWS and PGE have had in the Pelton-Round Butte Hydroelectric Project.”

– Jonathan Smith
Confederated Tribes of Warm Springs Tribal Chairman

Collaboration through the years

1980 CTWS became co-licensees with PGE to build the Re-Regulating Dam and Powerhouse at the Pelton Round Butte project	2001 CTWS became co-owners of the Pelton Round Butte project	2007 Pelton Round Butte project certified for the first time by the Low Impact Hydropower Institute	2010 Selective Water Withdrawal facility complete, enabling downstream fish passage	2021 CTWS and PGE entered into new power purchase agreement through 2040	2022 CTWS became 49.99% owner in Pelton Round Butte facility	2023 Pelton Round Butte recertified as a Low Impact Hydro facility	2023 U.S. Department of Energy granted \$250 million to CTWS, in partnership with PGE, for Bethel-Round Butte transmission upgrade
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Pelton Round Butte by the numbers

3 hydroelectric dams located on the Deschutes River near Madras, Oregon

467 MW generated at max output

150,000 homes served by emissions-free power

4+ decades of CTWS & PGE co-management

1.6 million juvenile fish passed downstream since 2010

\$27.5 million invested in habitat enhancement through the Pelton Round Butte Fund

250 miles of historic habitat in the Upper Deschutes Basin reopened for salmon and steelhead



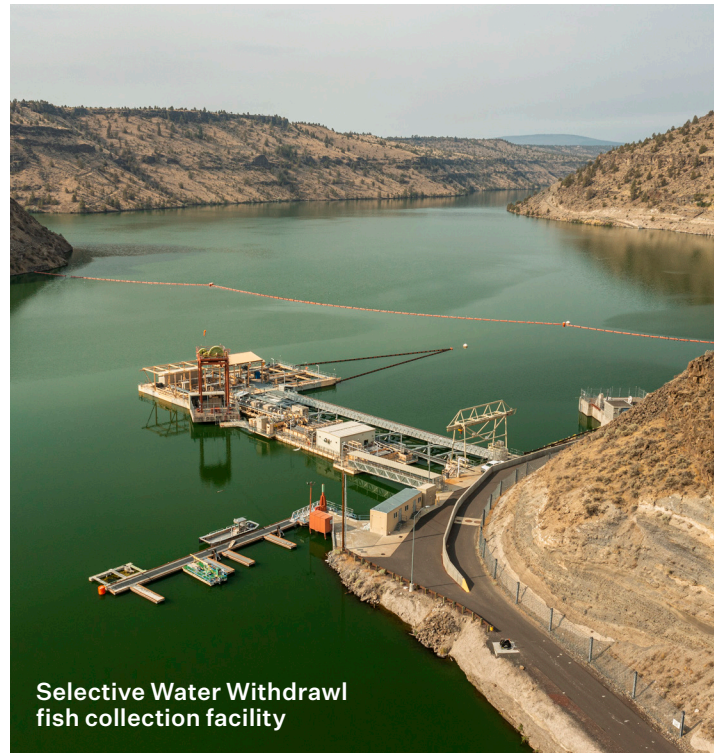
RESTORING SALMON & STEELHEAD TO THE DESCHUTES

For half a century, dams on the Deschutes River blocked the migration of ocean-going salmon and steelhead. In 2005, when it came time to relicense the Pelton Round Butte hydropower project, CTWS and PGE initiated an ambitious effort to change that.

Today, PGE and the Tribes work together with the Pelton Round Butte Fish Committee — an active group of local, Tribal, state, federal and non-governmental organizations — to advance science based strategies that benefit Deschutes Basin fish and wildlife.

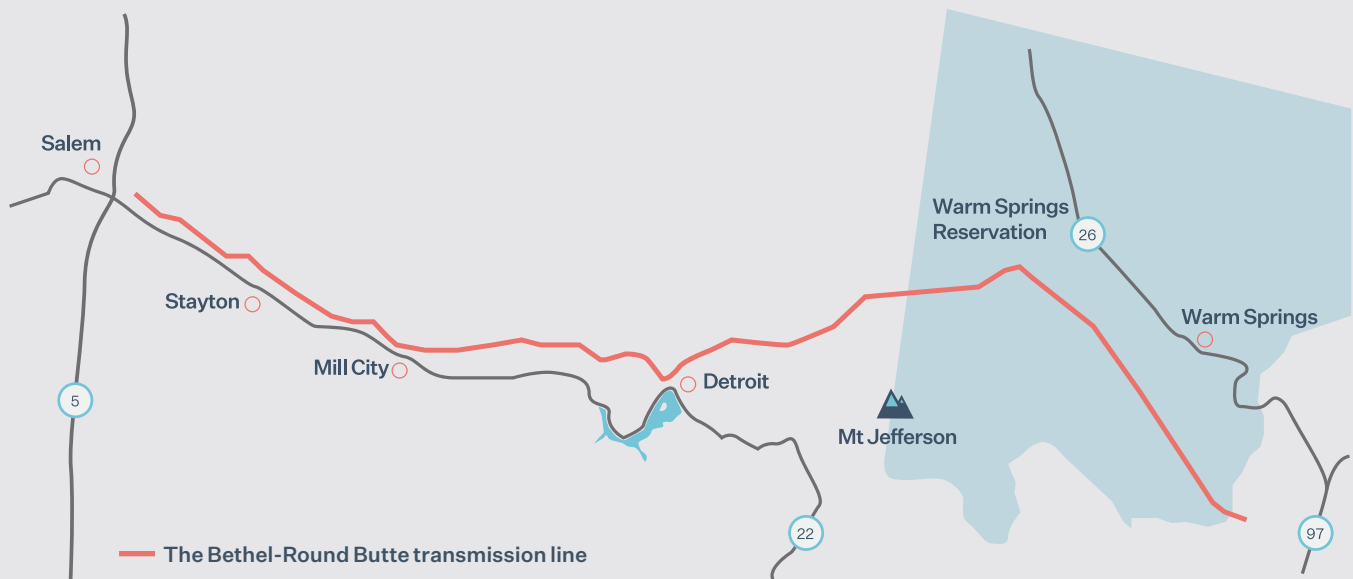
Ocean-going juvenile fish are collected at a unique facility called the Selected Water Withdrawal (SWW). This structure creates an attractant flow in the surface of Lake Billy Chinook, allowing biologists to capture juvenile fish and release them downstream. Returning adults are transported upstream of the hydropower project to spawn. Together, CTWS and PGE have also awarded more than \$27.5 million to projects enhancing fish habitat and water quality.

Learn more: portlandgeneral.com/healthydeschutes



"We're thinking about the entire basin from the headwaters down, and what's happening in all of those areas. Everything is connected."

– **Bobby Brunoe**, Confederated Tribes of Warm Springs
Secretary-Treasurer & CEO



The established Bethel-Round Butte transmission line was built in the 1960s as part of the Pelton Round Butte Hydropower Project, and is an approximately 100-mile 230 kV line within an existing Right of Way across the Cascade Mountains.

THE ROAD AHEAD

In 2023, CTWS was selected to receive a \$250 million grant from the U.S. Department of Energy to help advance vital transmission upgrades. CTWS submitted the grant application to DOE, in partnership with PGE, as part of the Grid Resilience Innovative Partnerships Program (GRIP).

This significant investment in the reliability of Oregon’s clean energy infrastructure will enable enhancements to the 230 kV Bethel-Round Butte transmission line — a crucial artery in the region’s transmission system. This PGE line connects renewable resources east of the Cascades, including on the Warm Springs Reservation, to customers in the Willamette Valley.

This innovative project will unlock a multitude of opportunities for the Tribes. New transmission capacity on the Warm Springs Reservation will enable the development of renewable infrastructure, accommodate new industrial development, create clean energy job opportunities, and bring revenue to historically underserved communities.

Additionally, increasing transmission capacity will also improve reliability and help meet growing electrical demand from customers in PGE’s service area, which includes about half of Oregon’s population and two thirds of the state’s commercial and industrial activity.



“Expanding transmission capacity is essential to keeping power reliable and affordable as we transition to a clean energy future. PGE is honored to deepen our decades-long partnership with the Confederated Tribes of Warm Springs, enabling tremendous new opportunities for renewable clean energy development.”

– **Maria Pope**
PGE President & CEO