



FACT SHEET

GRID RESILIENCE AND INNOVATION PARTNERSHIPS PROGRAM

Established by the Bipartisan Infrastructure Law, the U.S. Department of Energy's Grid Deployment Office is administering a historic \$10.5 billion investment via the Grid Resilience and Innovation Partnerships (GRIP) program to enhance grid flexibility, improve the resilience of the power system against growing threats of extreme weather and climate change, and ensure American communities have access to affordable, reliable, clean electricity when and where they need it.

UPGRADING TRANSMISSION CAPACITY BY BRIDGING RENEWABLES IN OREGON

The partnership between Confederated Tribes of Warm Springs (CTWS) and Portland General Electric (PGE) will establish a connection between PGE's load centers, which represent roughly half of Oregon's population and two-thirds of the state's commercial and industrial activity, with the vast—but currently isolated—reservoir of renewable generation resources east of the Cascades, including those on the Warm Springs Reservation.

The project will create additional transmission capacity to move large amounts of renewable energy from Central Oregon and other regions, including from tribal lands into PGE's load center in the Willamette Valley. PGE's service area does not typically include renewable resource-rich areas due to lower solar penetration and wind resources in Western Oregon and a lack of large land sites to support renewable development. These clean energy resources are most abundantly available east of the Cascade Mountain range. The CTWS/PGE Regional 500kV Transmission Innovative Partnership will connect these new non-emitting resources with the population and load centers of the state.

Anticipated Outcomes and Benefits

- › Creates and funds a Minority Serving Institution (MSI)/Minority Business Enterprise (MBE) program that will build relationships with business suppliers that have previously not supplied to the energy sector.
- › Builds a bridge between PGE customers and the immense but islanded, renewable generation potential of the Warm Springs Reservation—up to 1,800 MW of carbon-free solar resources.
- › Employs union labor for the majority of the project.
- › Engages tribes to participate in the clean energy industry.
- › Tribal participation in—and ownership of—new transmission capacity will create opportunities for clean energy development on tribal lands, with a corresponding increase in tribal revenues.
- › Upgrades the reliability of power sector infrastructure, measurably increasing the energy security of Pacific Northwest communities (particularly those located on tribal lands) and ensuring that all communities in PGE's service territory have access to clean, affordable, and reliable electric power.
- › Leverages PGE's experience in workforce development and training to bridge existing skill and education gaps among members of the tribes and targeted **disadvantaged communities** (DACs).
- › Members of International Brotherhood of Electric Workers (IBEW) Local 125 will execute work off-reservation and all line work throughout the project under Collective Bargaining Agreements.
- › Collaboration with IBEW on pre-apprenticeship opportunities.
- › Creates an energy mentorship program to provide high school students an opportunity to get hands-on experience and exposure to energy careers.
- › Partners with Oregon Tradeswomen to support those interested in the trades.
- › Preference for hiring tribal members.

PROJECT DETAILS

- › **Project:**
Confederated Tribes of Warm Springs (CTWS) and Portland General Electric (PGE) Regional 500 kV Transmission Innovative Partnership
- › **Applicant/Selectee:**
Confederated Tribes of Warm Springs Reservation of Oregon
- › **GRIP Program:**
[Grid Innovation Program](#) (Bipartisan Infrastructure Law, Section 40103(b))
- › **Federal cost share:**
\$250,000,000
- › **Recipient cost share:**
\$363,953,472
- › **Project location:**
Oregon
- › **Project type:**
Transmission

HELPFUL LINKS

- › [Grid Resilience and Innovation Partnerships Program](#)
- › [About the Grid Deployment Office](#)