Project PEER

PacifiCorp's Equity-aware Enhancement of grid Resiliency

The primary objective of Project PEER is to reduce impact of extreme weather events, particularly wildfires, on the grid that serves disadvantaged communities in areas with the highest risk of wildfires. The project focuses on deploying innovative asset hardening solutions using critical fire-resistant and fire prevention technologies to eliminate ignition risks caused by overhead utility assets in the area, and significantly improve reliability and resilience of the electrical system. Additionally, Yurok tribal reliability concerns will be addressed by upgrading substation assets and adding advanced relays. PEER will catalyze workforce development and introduce 400+ pre-apprentice graduates into the workforce in Oregon, California, and Utah.

Prime Recipient: PacifiCorp **Principal Investigator:** Rohit Nair
Sub-recipients: Crater Lake EJATC, Utah State University, Rural Developments Initiative (RDI)

PEER

PacifiCorp's Equity-aware, Enhancement of Grid Resiliency

SCOPE

- 300+ miles covered conductor
- 6,000+ fire-resistant poles
- 3,500+ non-expulsion fuses
- Yurok tribal substation & relay upgrades
- Energy and forestry workforce programs

BENEFITS

- 5-minute SAIDI improvement
- Eliminate overhead line ignition risks
- 50% reduction in outages per mile
- Zero flood-related outages for Yurok Tribe
- 400+ pre-apprentice graduates

100% in high fire risk areas **100% impact to disadvantaged communities and tribes**
5 national forests **20,000+ people** **8,000+ sq miles** **29 endangered or threatened species**

PEER Community Benefits

- Wildfire mitigation
- Workforce development
- Energy reliability and resiliency
- DEIA in workforce and suppliers

PEER Grid Benefits

- Fire ignition risk prevention/mitigation
- Reduced outage frequency
- Reduced outage duration
- Avoided flood-related outages

About PacifiCorp

PACIFICORP
A BERKSHIRE HATHAWAY ENERGY COMPANY

PacifiCorp serves more than 2 million customers across over 144,000 sq. miles of service territory in California, Idaho, Oregon, Utah, Washington, and Wyoming.