

Renewable & Resilient Energy

Building the Rural Energy System California Will Need



Photo: Julia Nikhinson, AP Photo

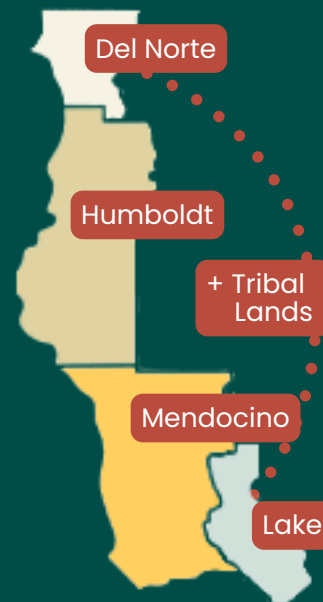
The Redwood Region sits at the end of California's grid, making it a proving ground. Across Del Norte, Humboldt, Lake, Mendocino, and Tribal Lands, communities are building microgrids, training local workforces, and advancing Tribal energy sovereignty.

Sector at a Glance

4,100 **Projected Job Openings**
over the next decade, more than the current workforce

\$32.54 **Median Hourly Wage**
above the region's family-sustaining wage of \$27.49, with **9 of 11 priority occupations** paying above that mark

3,850 **People Employed**
in regional energy occupations



The Region's Head Start

World-leading microgrid research at Cal Poly Humboldt Schatz Energy Research Center

Blue Lake Rancheria's microgrid, a national model for Tribal energy resilience

\$200M Teras microgrid initiative underway: 449 construction jobs, 30 permanent positions

New 500 kV transmission approved, aligning grid buildout with local hiring

Next-generation geothermal expanding through GeoZone effort underway in Mendocino County

Offshore wind positioning the North Coast as a future staging and export hub



Successes & Measurable Impact

Through RRRISE, we achieved:

- +** **3 RRRISE-Funded Tribal energy sovereignty projects** training more than **30 Tribal youth and adults** in renewable energy trades
- +** **72 Participants** trained or enrolled in the **low-voltage pre-apprenticeship electrician pilot**, centering Tribal members and women



We're Just Getting Started

- ➔ **\$33M Northern Rural Energy Network** is expanding energy efficiency services and workforce training across rural Northern California
- ➔ **\$12M Ta'm Resilience Campus Clean Energy Hub** is moving into development.
- ➔ The next step is depth: carrying **Tribal trainees past pre-apprenticeship into journey-level careers**, so the workforce is in place before the capital arrives.



Scan the QR Code to learn more about Redwood Region RISE.