

Green Resilience at Blue Lake Rancheria

Generational thinking, mindful action.



“Lifeline Sector” Resilience

Increasing disaster preparedness, response, and recovery | Reducing costs | Shrinking carbon footprint | Creating jobs

Energy

- Low-carbon Community Microgrid (solar + storage)
- Fuel Station/Convenience Store Microgrid (solar + storage)
- Ongoing Energy Efficiency Initiatives
- Residential (solar, storage, electric vehicles, efficiency)
- Supports all other lifeline sectors

Water

- Redundant Water/Wastewater Infrastructure
- Smart Water Grid/Emergency Drinking Water
- Feasibility Study, Community Water System

Food

- Onsite Food Supplies, Storage, and Preparation
- Food Sovereignty Initiative / Food Production
- Pollinator / Honey Bee Initiative

Transportation

- Electric Vehicle (EV) Charging Stations
- Biodiesel Manufacturing (using onsite waste oil)
- Biodiesel-fueled and EV Regional Public Transit

Communications / IT

- Robust Communications / IT Infrastructure
- Cybersecurity Initiatives
- Advanced Remote Conferencing Capabilities

Cross-sector Resilience

- Resilience Training and Innovation Center (RTIC)
- Resilience Business Incubator
- Regional Microgrid Center for Excellence



Blue Lake Rancheria

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With Gratitude to our Green Resilience Partners

- Schatz Energy Research Center
- Humboldt State University
- Redwood Coast Energy Authority
- California Energy Commission
- California Public Utilities Commission
- Pacific Gas and Electric Company
- FEMA
- Cal OES
- California Highway Patrol
- American Red Cross
- Humboldt County OES
- Humboldt Bay Municipal Water District
- Siemens
- Tesla
- Colburn Electric
- Kernen Construction
- GHD Engineering
- McKeever Energy and Electric
- REC Solar
- Idaho National Laboratory
- National Renewable Energy Laboratory
- Lawrence Berkeley National Laboratory
- U.S. Department of Energy
- U.S. DOE Office of Indian Energy Policy and Programs
- U.S. Department of Interior Bureau of Indian Affairs
and Indian Energy and Economic Development
- City of Blue Lake
- Department of Homeland Security
- U.S. Department of Agriculture
- U.S. Department of Commerce
- U.S. Environmental Protection Agency
- U.S. Bureau of Reclamation
- NOAA
- U.S. Army Corps of Engineers
- Mad River Alliance
- United Indian Health Services
locations/potawot-health-village-arcata
- BLR Wildland Fire
- BLR Tribal Police
- BLR OES
- Serraga Energy
- BLR Department of Energy and Technologies
- TekTet
- Blue Lake Casino & Hotel
- Play Station 777
- Sandia National Laboratory
- Oakridge National Laboratory
- Louisiana State University (LSU)
- Federal Law Enforcement Training Center (FLETC)
- Humboldt Amateur Radio Club (HARC)
- Rural Domestic Preparedness Consortium (RDPC)
- Texas A&M Engineering Extension Service (TEEX)
- Mid-Atlantic Center for Emergency Management
- DHS Office of Emergency Communications
- Emergency Management Institute (EMI)
- National Indian Gaming Commission
- National Indian Gaming Association
- California Nations Indian Gaming Association
- North Coast Tribal Chairmen's Association

"The Tribe seeks out innovation – pairing mitigation and lower GHGs, with adaptation and emergency preparedness to build a new climate resilience marketplace."

– Arla Ramsey, Vice Chairperson



Select Recognition

2018

"Project of the Year, Distributed Energy Resources" PowerGrid International

2017

"John D. Solomon Whole Community Preparedness Award" FEMA

2017

"Hospitality & Tourism Business of the Year" Arcata Chamber of Commerce

2015
& 2016

"Climate Action Champion" White House and U.S. Department of Energy

2015

"Certificate of Recognition" for Climate Action, Humboldt County Board of Supervisors

2014

"Integration Award" Pacific Gas and Electric Company (PG&E)



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