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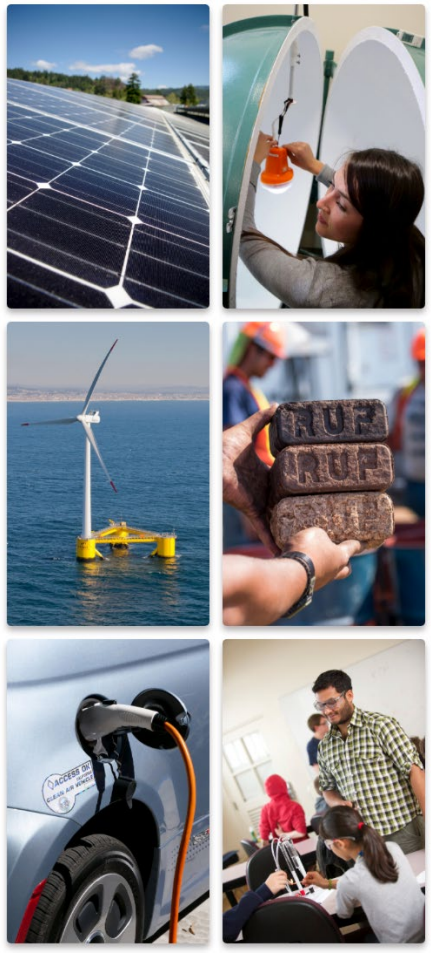
Technical Assistance for Resilient Communities

Schatz Energy Research Center
at Cal Poly Humboldt



Action-oriented clean energy research, education, and deployment.

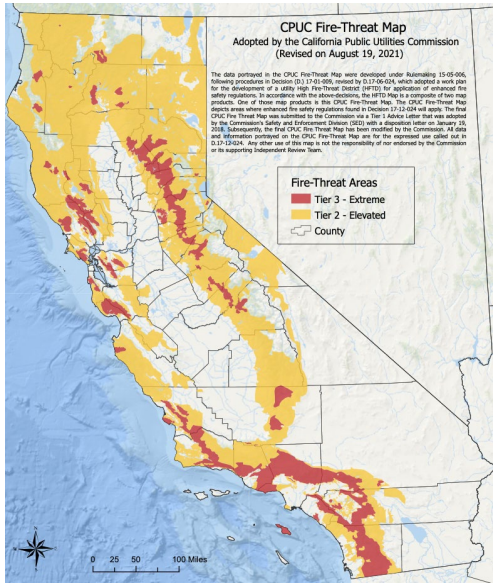
~30 research and professional staff working with faculty and students at Cal Poly Humboldt.

Partnerships with communities in the North Coast region and beyond.

Expertise across a range of energy and climate infrastructure:
microgrids, off-grid solar, electric transport, bioenergy, offshore wind, air quality, etc.

Highlight area: Microgrids for community resilience

- In response to critical needs for **community resilience to wildfires** and other threats to energy security
- **Partnered with Blue Lake Rancheria** to develop and implement path-breaking microgrid architectures
- Lead organization for **Redwood Coast Airport Microgrid**, now the template for community microgrids in Northern CA



Technical Assistance for 21st Century Energy Systems

Schatz Energy Research Center

Old way: Large, centralized infrastructures. Centrally planned without significant community engagement until it is time to clean up the mess.

New way? Decentralized energy systems that are deployed in partnership with communities to meet authentic needs.

Technical Assistance Hubs could bridge the trust, expertise, capacity, and access gap.

Energy Tech Hub for Tribal, rural, disadvantaged, and hard-to-reach communities could support:

Policy Connections: Conduit for input into policymaking and program design to ensure match with scale of needs.

Tech. Assistance: Feasibility assessment, connecting with trusted partners, and leveraging available funding.

Just Transitions: Education and jobs programs to support just energy sector transformations.

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How an Energy Tech Hub could work *(extra detail)*