

## RRRISE Catalyst Fund Proposal Red Hills Bioenergy Facility – Summary Sheet

**Project Title:** Red Hills Bioenergy Facility & Central Wood Processing Plant

**Lead Applicant:** Scotts Valley Energy Corporation

**Collaborator(s) (if applicable):** Pinoleville Pomo Nation Vocational Rehabilitation Program, Tribal EcoRestoration Alliance

**Total Funding Request:** \$345,316 (Staff: \$313,924.00, Workforce Training: \$16,850.00, Overhead: \$31,392.40)

**Project Phase:** ☐ Exploratory ☒ Last-mile

**Region(s) Served:** Lake County and Scotts Valley Band of Pomo Indians Tribal Land

**Location of Headquarter:** Lakeport, Lake County

**Primary Sector:** Renewable and Resilient Energy

**Secondary Sector:** Workforce Development

**Project Summary (~250 words):** The Scotts Valley Energy Company (SVEC), a Tribal subsidiary of the Scotts Valley Band of Pomo Indians, seeks to develop a bioenergy facility to convert agricultural and forest waste into renewable energy while producing carbon-neutral biochar. This project addresses multiple needs in Lake County and surrounding areas by transforming non-commercial forest material into electricity and biochar for agricultural use, while simultaneously reducing wildfire risk and generating Tribal revenue. The technology's dual-purpose approach seeks to address both environmental challenges and economic development needs in the region.

Key operational targets include:

- Generating 200 net kW of clean energy per hour
- Reducing 2,140 tons of biomass annually
- Producing 360 tons of biochar
- Generating \$325,000 in annual revenue
- Creating 10-12 full-time operational positions

The project focuses on workforce development, community resilience, and clean energy production. Primary beneficiaries include the Scotts Valley Band of Pomo Indians and its members, local agricultural businesses, and disadvantaged communities in the region. The facility aims to contribute significantly to regional

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sustainability efforts by providing clean energy to the grid while addressing critical biomass management needs.

During the pre-development phase, SVEC will focus on finalizing design plans, securing funding, and recruiting workers. The project maintains equity by prioritizing employment for Tribal members and Indigenous communities while ensuring community participation and culturally sensitive operations throughout all phases of development and implementation. This comprehensive approach aims to ensure long-term sustainability and community benefit.