



Coyote Valley Band of Pomo Indians



COMMUNITY
SCALE SOLAR PV
PROJECT



Tribal History



COYOTE VALLEY
BAND *of* POMO INDIANS

- Settled in the early 1850's
- Reservation located in Redwood Valley, CA
- Regained Federal recognition in 1976
- Centered around "Old Rancheria" land purchased in 1878
- Tribal Government ratified 1980 for laws, customs, and traditions

Project Introduction

Coyote Valley Band of Pomo Indians located in Northern CA have progressed their clean energy initiatives targeting the higher energy using buildings. The solar PV system provides 96% clean solar energy to 8 of the largest energy using facilities. The project consists of 2.25MW of solar carports and funded through a PPA joint venture. Production estimates are 3.2 million kWh's generated year 1 with a net energy savings of over \$400,000 year 1.



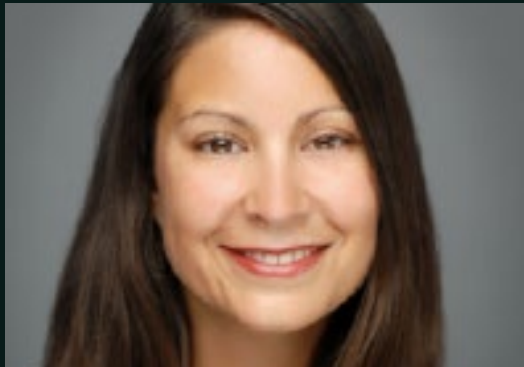


We are committed to fostering energy sustainability through the principles of sovereignty, resilience, and self-sufficiency. We strive to achieve energy independence for future generations by embracing innovative technology while preserving our culture, traditions, and environment.

Coyote Valley Energy Vision Statement



Project and Technical Team



Little Fawn Boland

Tribal General Council
and Project Manager
Technical Contact



Rachel Whetstone

Tribal CFO
Business Contact



John McDonnell

Developer, WattHub
Renewables, SunRenu
Solar



Barry Coe

Contractor, SunRenu
Solar

Sustainability Goals

GOALS

- Reinforce financial stability by maximizing resources offsetting operational costs
- Implement solar PV to offset high energy costs of PG&E for 8 largest energy consuming facilities
- Improve Tribe's environmental footprint and reduce energy impact
- Drastically reduced energy costs and hedge large rate increases by PG&E
- Avoid operations and maintenance through a PPA



Project Overview

2.25 MW Solar PV

Buildings Benefitted by Solar PV

Tribal Facilities		Energy Usage		Units
		Before	After Solar	
Casino	Electricity	2,065,337	198,232	<i>kWh</i>
Hotel	Electricity	580,456	13,396	<i>kWh</i>
WWTP	Electricity	250,001	2,991	<i>kWh</i>
C-Store	Electricity	341,883	1,763	<i>kWh</i>
Gym	Electricity	256,580	54,980	<i>kWh</i>
Tribal Council 3	Electricity	16,218	-67	<i>kWh</i>
Tribal Council 4	Electricity	13,260	29	<i>kWh</i>
Tribal Council 5	Electricity	37,707	-97	<i>kWh</i>
Total Energy Reduction (kWh's)		3,561,442	271,227	
		3,290,215		

Achievements to date

A C H I E V E M E N T S

- Applied for interconnection under NEM 2.0, conditionally approved.
- Meter aggregation for 7 facilities under 1 interconnection
- Electrical and structural engineering at 95%
- Final stages of PPA financing

Development timeline

Finance

- Underwriting, legal, PPA signed, documentation and administration

Engineering

- Electrical and structural engineering, review by Tribal third party authority

Procurement

- Fabrication of steel for carports, procurement of major equipment (panels, inverters, electrical gear).

Installation

- Footers dug, steel erection, module mounting, DC electrical, AC electrical, underground, gear mounting, wire pulls, interconnection

Completion

- Completion, inspections, customer and third party PPA company review and approval

Commissioning

- Field testing, string testing, irradiance, temp sensors, weather station installed, IV curve testing, meter calibration

Est. Completion Date

Dec 2024

Nov 2024

Jan 2025

Apr 2025

Dec 2025

Jan 2026



Summary

Embarking on clean energy goals to compliment the Tribes development efforts while making a positive contribution to the local environment and community.

Solar PV is assisting in achieving the vision statement of the Tribe.





Thank you

John McDonnell

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