Graton Economic Development Authority
Renewable Energy Efficiency Network Project (G.R.E.E.N.)

DOE Annual Program Review
Dec. 11, 2018

Tim Campbell - Grant Services Manager
Tribal Summary

• Coast Miwok & Southern Pomo peoples

• Tribal Restoration in 2000

• 1400+ tribal citizens

• Tribal Governance & Economic Development (GEDA)

• www.gratonrancheria.com
G.R.E.E.N. Project Overview

DOE 2017 Grant Award

• Install 1.5 Mw PV System

• $1,000,000 federal award

• $2.65 million Tribal Match

• 24 month project
Project Location

Tribal Reservation 250+ acres

Graton Economic Development Authority – Project Lead

Regional Focus – Clean Energy

Furthers Tribal Values:

Social Justice & Environmental Stewardship
G.R.E.E.N. Project Specifics

• 2016 Renewable Energy Systems Analysis

• 140,000 s.f. rooftop available (in yellow)

• 2nd Alternate Energy Project on Tribal Lands
Project Partners

- **Coordination & Outreach**
  - Graton Economic Development Authority (GEDA)
  - Graton Resort & Casino
  - Sonoma State University

- **Project Consultants**
  - Kenwood Energy – Technical Advisor
  - Structural & Electrical Engineers
G.R.E.E.N. Project Outcomes

• **PROJECT GOALS**
  • GOAL 1 - Model Tribal Environmental Stewardship
  • GOAL 2 - Create a Sustainable, Renewable Energy Resource for the Tribe
  • GOAL 3 - Establish Tribal Energy Independence and Energy Choice
  • GOAL 4 - Provide Tribal Citizen Education in the Energy Sector
  • GOAL 5 - Encourage Information Sharing (*Intertribal, Multi-Agency and with Project Partners*)
Relevant Background Info

• Tribal Focus - Alternate Energy

• 2015 EV charging stations were funded as part of a California Energy Commission Grant managed by the Bay Area Air Quality Management District

• Sustainable Project Model to build capacity to support future development of tribal lands
2018 Project Objectives

- **Project Design** – 3 Tasks
  
  - **Task 1** - Project Admin.
  
  - **Task 2** - RFP > Services Agreement
  
  - **Task 3** - Installation
Project Challenges

• Identified Issues

  • Project Design & Installation
    • Solar system design tie-into
    • Tie in requires enterprise downtime
    • Severe economic impact to 24/7 business

  • Project Options Under Review
    • Project extension
    • Install increased backup power supply
Follow Up - Questions

• *Project Contacts*

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