



TRIBAL GOVERNMENT CHALLENGE PLANNING GRANT PROGRAM



SCOTTS VALLEY BAND OF POMO INDIANS

BIOENERGY FEASIBILITY STUDIES IN INDIAN COUNTRY

Project Manager: **Terre Logsdon**

Award Amount: **\$250,000**

This project will support energy planning and feasibility studies for bioenergy generation facilities that may be installed and operated on Tribal Lands. The outcome of the project is to deliver a standardized tool for matrix review and criteria scoring that can be applied to qualify and prioritize any potential bioenergy project on any Tribal property or facility. In developing the tool, the project will review and analyze actual potential project sites with the objective of refining and testing a matrix of scoring criteria to be used to qualify and prioritize each potential project. Two attractive potential project sites have been identified for bioenergy feasibility study in support of this project. Ultimately the tool should provide a re-usable guideline for bioenergy project review across all Indian Country that will:

- Increase renewable energy development,
- Reduce greenhouse gas emissions, and
- Increase grid independence and Tribal resilience.

The deliverables will be executed such that each project site will be ready for contract solicitation, at the pre-construction phase, after its feasibility study at the end of the project. In addition, the project will deliver a step-by-step analysis tool, scoring matrix and report guideline that can be published and reused for any Tribal Land commercial-scale bioenergy feasibility study (the “Bioenergy Feasibility Tool” or “BFT”).

The overall purpose of this project is to create a tool to determine the efficacy of constructing and operating small scale clean bioenergy production plants within targeted locations in Indian Country and to increase that type of renewable energy development. Commercial scale bioenergy generation can provide for greater independence from the large independent owned utilities, provide for greater community resilience, can operate in a carbon negative manner, and provide a savings on current energy costs to end-users in Indian Country.