



Department of Energy  
Cooperative Agreement  
Grant #DE-FG36-03Go13039  
October 2005

Roger Fragua  
Council of Energy Resource Tribes



**Council Of Energy Resource Tribes**



## Overview

- CERT Mission & Programs
- National Tribal Energy Vision & Policy Advocacy
- DOE Cooperative Agreement
- CERT Initiatives



## CERT Mission

“To support member Tribes as they develop their management capabilities and use their energy resources as the foundation for building stable, diversified self-governing economies (according to each Tribe’s own values and priorities).



# CERT Programs

- Policy Advocacy
- Technical Assistance to Tribes
- Education
  
- And we all do just about anything that we need to so that CERT achieves its objective of serving the Tribes

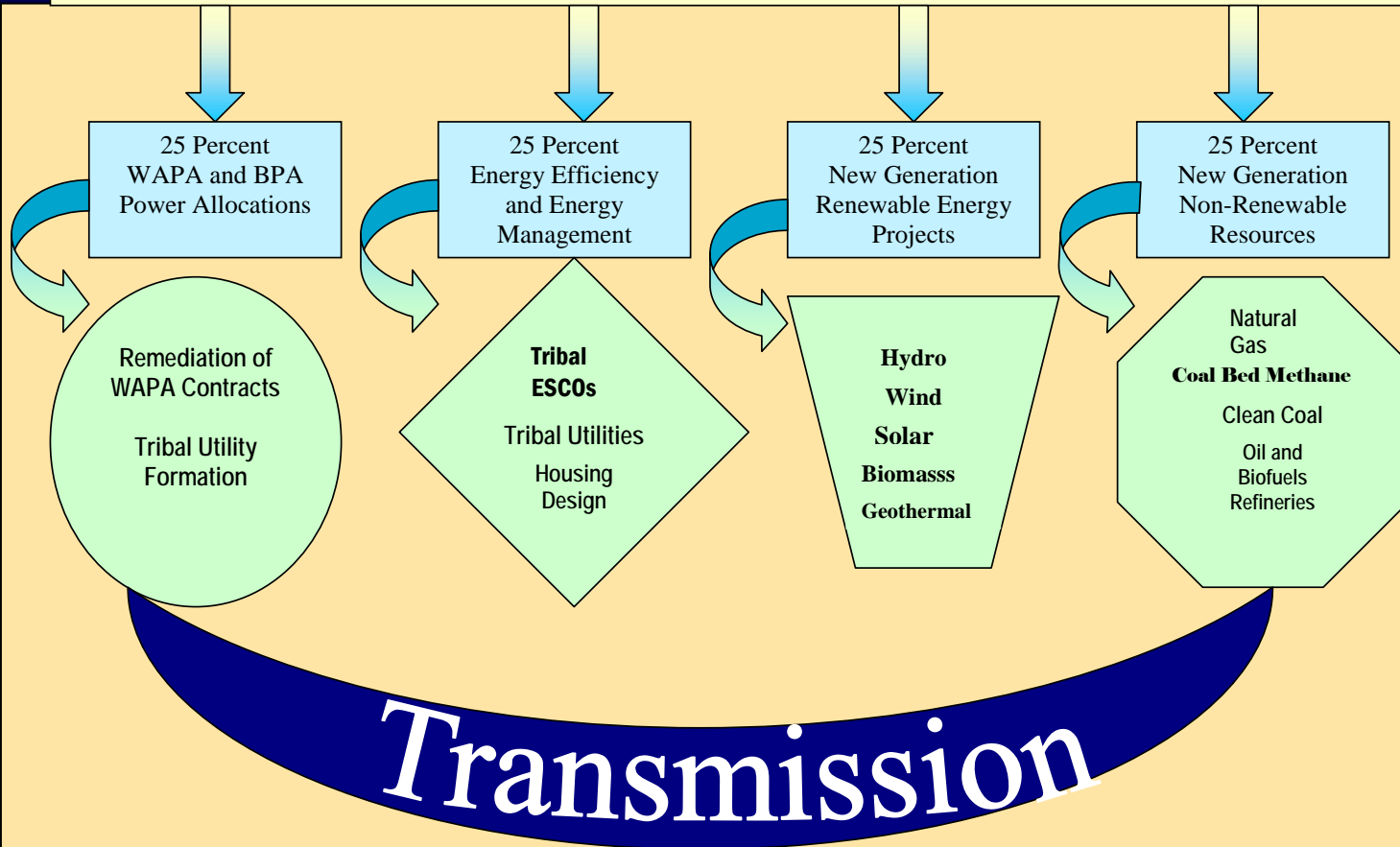
Staff:

A. David Lester  
Roger B. Fragua  
Glenda Archuleta  
Tweedie Doe  
Clint LeBeau  
Mary Lopez  
Ottawa Financial



## National Tribal Energy Vision

Every Tribe will have sufficient electricity at reasonable costs for social and economic development





# CERT Policy Advocacy 2005 Highlights

- **Indian Energy Legislative Language in the U.S. Energy Bill 2005** “House Bill” passed with TESSA & TERA intact and no language questioning Tribal authority to approve R’s-O-W and no change in Tribes rights to participate in FERC re-licensing of hydropower Senate Bill as marked up has TESSA made language changes that dilutes TERA, calls for a study of Tribal authority over R’s-O-W by DOE and has language that limits the ability of Tribes and other stakeholders to participate in the FERC hydroelectric re-licensing process.
- **Trust Reform** 1)“Trust Reform Legislation is sponsored by Senator McCain, Chairman of the Senate Committee on Indian Affairs and Congressman Pombo, Chairman of the House Committee on Natural Resources. 2)“Tribal Leaders Trust Reform Work Group: Co-chaired by the Inter Tribal Monitoring Association, Osage Nation Principal, Chief Jim Gray; and, the National Congress of American Indians, Three Affiliated Tribes of the Fort Berthold Reservation, Tex Hall.” “Trust Reform Technical Work Group: ITMA, Inter Tribal Timber Council, Inter Tribal Agriculture Council, Indian Lands Working Group, NCAI, & CERT Chaired by Chief Jim Gray”. 3) “Other key Stakeholders: The Executive Branch of the Federal Government; The Judicial Branch of the Federal Government; The Plaintiffs and Defendants of the Cobell Class Action Case; The Appropriations Committees of the Senate and the House.
- **Appropriations** DOE Indian Energy Program; New BIA Indian Energy Office and Program; CERT Appropriations Earmark



# DOE Cooperative Agreement

- CERT will facilitate technical expertise and training of Native Americans in Renewable energy resource development for electrical generation facilities, and distributed generation options contributing to feasibility studies, strategic planning and visioning.
- CERT will also provide information to Tribes on energy efficiency and energy management techniques.
- Intent: to build capacity within Tribes to manage these important resources.
- Project Strategies: 1) Case Studies 2) Training 3) Technical Assistance 4) Information Dissemination



# Cooperative Agreement Objectives

- To identify measures that Tribes can take to maximize energy production from existing operations or to develop new renewable energy resource projects
- To identify energy conservation opportunities for Tribes
- To demonstrate how Tribes can cost-effectively use electricity resources, and the importance of strategic planning that considers all resources
- To facilitate training to help develop Tribal expertise in renewable resource development and energy conservation
- To facilitate alliances between teams of private experts and Tribes to develop energy efficiency, renewable energy and distributed generation projects





## Case Studies

- Scope of Work: Conduct Interviews, Surveys and Questionnaires, and Regional Meeting Feedback
- Deliverables: 21 Case Studies
- 9 Energy Audit Case Studies, 6 Technical Case Studies, 6 Institutional Case Studies
- Opportunities and Barriers Report
- Completed Umatilla, Laguna and Fort Mojave



## Case Study Highlights

### Laguna; Umatilla; Fort Mojave

- Residential structures often have leaky, poorly-insulated duct systems whose repair can save >20%.
- Tribal buildings often in need of maintenance, better controls, upgraded heating and cooling equipment.
- Casinos most inefficient buildings. Energy saving of well over 50%.
- Savings follows waste; finding waste in audits shows where cost effective retrofits should concentrate.
- Opportunity for Indian-owned businesses, starting with residential retrofit, ultimately including manufacturing energy-saving devices.

### *Oklahoma Schedule*

- *Pawnee; Osage*



# Training

- Scope of Work: Build capacity through training, communication, shared experiences and networking.
- Deliverables: 2 National Forums on EE, Utility Formation and Financing, Regional Conferences, represent Tribal interests in utility restructuring, methods of ROW, Interconnect, T & D, Federal Power Allocations, Strategic Planning and Weatherization Programs.
- Completed IES 2005, ROW, Fund Development, and beginning T & D workshop



# Meeting Highlights

## **Indian Energy Solutions**

- 8 energy related workshops
- 160 attendees; connecting Tribal leaders with government and industry representatives.
- \$300,000 raised for CERT education programs

## **Right of Way**

- Assessing Tribal ROW report available on CERT website
- ROW workshop in Albuquerque eliciting strong interest
- Educated Tribes on valuation methods and negotiation techniques

## **Tribal Fund**

- Strategic planning and follow-up meetings revealed Tribal goals
- Identified objectives and obstacles for Tribal Fund
- Stimulated Tribal and industry interest in setting up Tribal Fund



# Technical Assistance

- Deliverables: Provide one-on-one assistance to Tribes on Utility Formation, Energy Planning, and ROW on a first come first serve basis.
- Umatilla Tribe – Architectural design charrette, Yakama Tribe – Strategic Planning session, Rosebud Sioux Tribe – Small-scale wind demo project, Osage Tribe – Development of the Osage Energy Summit, Western Governors’ Association – Participation in upcoming Bioenergy Conference, Shoshone-Bannock Tribes – Proposal assistance for hydrogen, Fort Mojave Tribe – Research tax laws and provisions on development of a solar project, State of Nevada – Assist in the creation of a State of Nevada Trade Mission into Indian Country for Geothermal Project Development, Fort Sill Apache Tribe – Strategic Planning session, Zia Pueblo – Request report assessing Tribal land opportunities and barriers for potential development, Jicarilla Apache Tribe – Proposed a Strategic Planning session, Morongo Band of Mission Indians – Participation in the southwest corridor energy project. Creating a Morongo Tribe strategic energy plan



# Information Dissemination

- Scope of Work: To build capacity and information sharing through various media to include the CertRedEarth web-site.
- Deliverables: Develop a Data Base, Listserv, and promotional materials.
- Databases for the various data are built
- Tool to create and edit mailinglists is built. This tool will be used to generate the various lists of Tribal representatives (plus, any other list needed to communicate with various parties on various topics)
- Tool to create, edit, and upload various document types (currently, Word, Excel, Powerpoint, Text, and PDF documents are supported -- other document types can be added as needed) is built. This tool will be used to populate the database with the current list of EE building codes that CERT has been collecting.
- Tool to create and edit login accounts will be completed in the next 30 days. This tool will be used to create various types of logins that will allow users access to the website that will display the new EE building codes and other related information. "Various Types" means that CERT will be able to allow certain users access to certain information.
- Search engine to access the new data will be completed in the next 30 days. This tool will be used to quickly find specific information as the data set grows.



## CERT Initiatives

- CERT Energy Fund
- SW Corridor Energy Project
- Conferences, Symposium and Events
- Future Conferences & Events



# CERT Energy Fund Initiative

Implementation of the fund follows a structured set of process steps, and will require successful demonstration of an initial project







# SW Corridor Energy Project

- Morongo Band of Mission Indians, Agua Caliente Tribe, Fort Mojave Indian Tribe, Jicarilla Apache Tribe, Pauma Band of Mission Indians, and San Manuel Band of Mission Indians.
- an informal ad hoc assembly with no charter, bylaws, or agreement existing between members.
- In January 2005, group identified three potential generation projects (Wind and Natural Gas) and a few others under review.
- While preliminary in nature, the study indicated viability of a number of renewable and conventional generation projects on lands belonging to SWTEC members, and considered resource supply, generation technology alternatives, water needs, transmission access and interconnection, potential power markets, finance alternatives, leveraging incentives, and other parameters.
- The projects identified hold a high value in renewable development, in particular, can add to their goals – both in terms of alignment with the Tribes' cultural values of sustainability and resource stewardship, and additional leveraging incentives available for renewable projects.
- The energy project development activities will help Tribes achieve self-sufficiency and self-determination goals, build Tribal capacity, and create jobs and economic development opportunities. Further, the consortium's achievements will serve as a model for other Tribal development efforts and advance Tribal sovereignty.



## Conferences, Symposium and Events

- MAST Regional Energy Conference
- Small Hydro Symposium
- CoalBed Methane Workshop
- SW Energy Corridor Project
- CERT Energy Fund Initiative Meetings
- Streamlining Federal Permitting Process meeting
- RES 2005
- NIGA
- PowerGen 2005



## Future Conferences and Events

- Sustainable Energy Solutions 2005
- DOI Biomass Summit 2005
- ROW Symposium(s)
- Small Hydro Symposium(s)



## Contact Information

Roger Fragua

Deputy Director

**Council of Energy Resource Tribes**

695 South Colorado Blvd, Suite 10

Denver, Colorado 80246

303-282-7576 ~ Fax 282-7584

RogerFragua.CertRedEarth.com

[www.CertRedEarth.com](http://www.CertRedEarth.com)