



DOE  
Office of Energy Efficiency and Renewable Energy

TRIBAL ENERGY PROGRAM  
2007 Program Review Meeting  
5 November 2007



**Council of Energy Resource Tribes**



# 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)



# Tribal Energy Vision

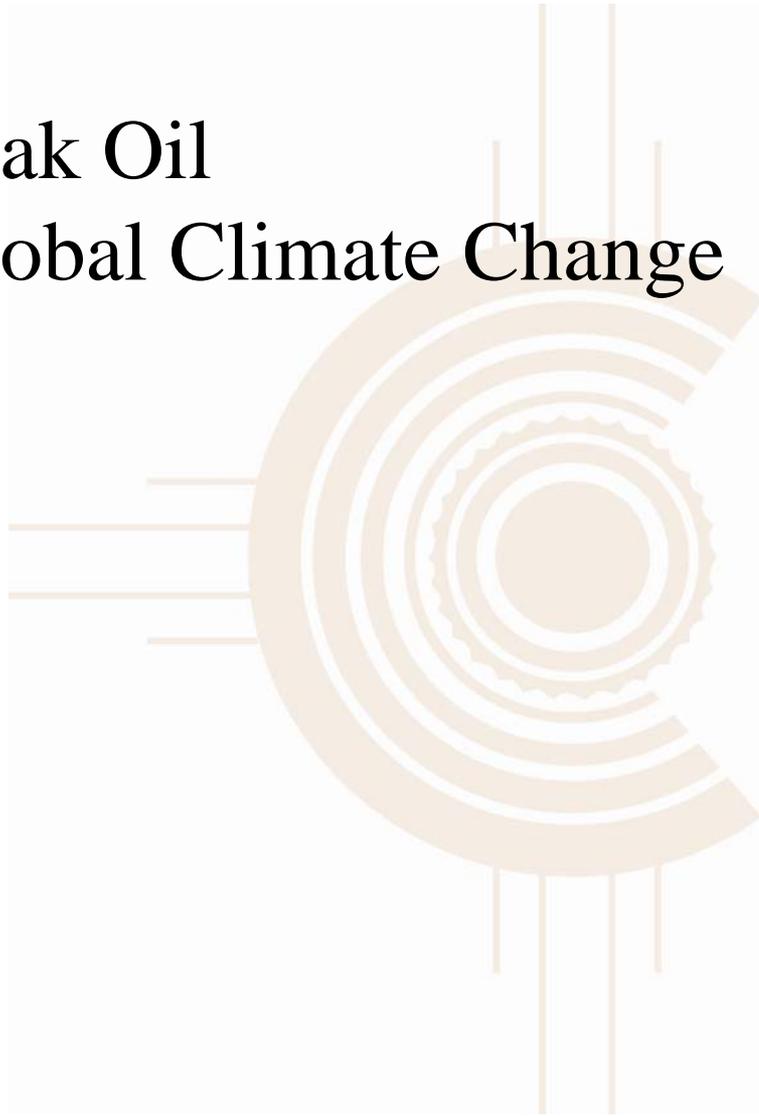
*By the year 2010 each sovereign Indian Tribe will have sufficient and reliable supply of electricity at reasonable costs to support its social and economic well-being.*

CERT's role is to support Tribes in developing their own capacity to realize their own vision, goals, and objectives.



# Horizon Events

- Peak Oil
- Global Climate Change





# Presentation Outline

- Project Overview
  - CERT/DOE Cooperative Agreement
- Objectives
- Project Status
  - Accomplishments
  - Technical/Management Issues
  - Activities yet to be completed
- Future Plans

# Cooperative Agreement Objectives

Identify measures Tribes can take to maximize energy production from existing operations/to develop new RE resource projects

Identify energy conservation opportunities for Tribes

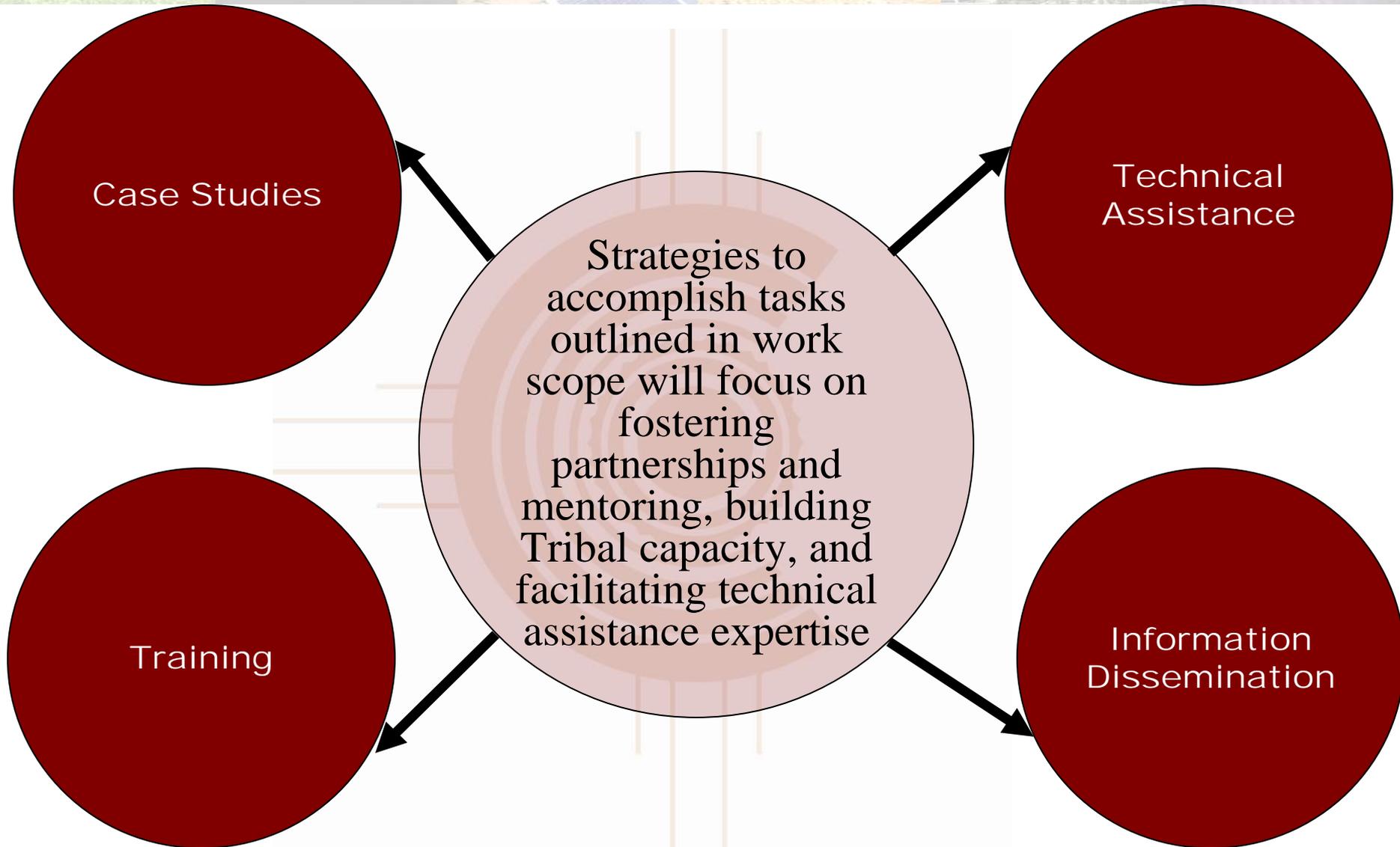
Demonstrate how Tribes can cost-effectively use electricity resources, the importance of strategic planning

Facilitate training to help develop Tribal expertise in renewable resource development and energy conservation

Facilitate alliances between private experts and Tribes to develop EE, RE, and DG projects

**CERT  
Mission**

# Project Strategies



Case Studies

Technical Assistance

Strategies to accomplish tasks outlined in work scope will focus on fostering partnerships and mentoring, building Tribal capacity, and facilitating technical assistance expertise

Information Dissemination

Training

# Case Studies

## **Identify barriers to renewable energy development and conservation on Tribal lands**

### Deliverables

- Energy Audit Case Studies
- Tribal Weatherization Training for Tribes in HUD-ONAP Northern Region
- Technical Case Studies
- Institutional case Studies

# Case Studies

## Barriers Identified

- Financing issues
- Tribal expertise: Human and Institutional
- Scarcity of renewable energy technology supply
- Transmission/Interconnection
- DOE/DOI Indian energy programs greatly under-funded
- Dual taxation

## Case Studies

- ✓ Completed energy audits for all major climate zones where Tribes are located
- ✓ Weatherization training pilot program for Tribes in the HUD-ONAP Northern Plains Region
  - Santee Sioux Tribe of Nebraska
  - CERT and Sun Power, Inc., conducted the two of three training sessions that were designed specifically for the Tribe through Strategic Planning
  - Furnace Basic Training; Energy Audit training for Maintenance and Housing Supervisors

# Training/Technology Transfer

## **Build Tribal capacity and expertise to sustainably manage energy resources through documentation of lessons learned, training, communications, and alliance building**

### Deliverables:

- Hold national/regional forums
- Represent Tribal interests in utility restructuring
- Identify methods of valuing ROW
- Develop resource list of transmission interconnection resources
- Develop a methodology for Tribes to determine how T&D costs affect the value of WAPA allocations and BPA power contracts
- Develop the basis for Tribal Energy Fund Development

# Training

- ✓ Held two members meetings (Dec/July) to identify Tribal goals/objectives for energy development issues
- ✓ Hydropower for Community Development conference
  - Salish and Kootenai Tribes hosted; April 18-20
- ✓ Workshop on New Technology for Tribal Wind Energy Development: forum to review/discuss RPS and opportunities to meet state/regional renewable energy needs
- ✓ Speaking/presenting/setting agenda at energy forums
  - LSI, BIA, NCAI, RES Trade Fair
- ✓ Developing Indian Energy Solutions 2007 conference

# Training

- Follow up on lessons learned on hydropower allocation to identify core Tribal competency required for success
- Looking forward to working closely with DOE, BIA on coordinating future energy workshops/agendas
- Encourage DOE funding for building Tribal capacity
- Build up CERT internship program to place future Indian engineers/managers with energy industry

# Technical Assistance

**CERT will provide technical assistance to Tribes to assist in building human capacity and developing Tribal renewable energy resources**

## Deliverables

- Respond to Tribal inquiries for information
- Provide 1-1 assistance to Tribes for strategic energy planning and project development
- Provide 1-1 assistance to Tribes on a request basis for utility formation, interconnection, ROW issues

# Technical Assistance

## **Receive and respond to Tribal inquiries for information on:**

- ✓ Technical issues
- ✓ Financing sources
- ✓ ROW issues
- ✓ Legislative updates
- ✓ Energy efficiency and energy audits
- ✓ Renewable energy development/manufacturing opportunities

## **Provided Strategic Energy Planning and Project Development to:**

- ✓ Shoshone Bannock Tribes – Strategic Energy Planning
- ✓ Osage Nation – Strategic Energy Planning
- ✓ Pueblo of Isleta – Strategic Energy Planning
- ✓ Pueblo of Acoma – Strategic Energy Planning

## **Responded to requests on utility formation, interconnection, ROW to:**

- ✓ Pueblo of San Felipe – ROW negotiation
- ✓ Yakama Nation – Wind Turbine Transfer

# Technical Assistance

## **Continued technical assistance to Tribes...**

- Work with Tribal utilities to respond to RPS opportunities
- Post 1813 report to congress: No change in current ROW practice  
CERT continues dialogue with transmission/pipeline companies (EEI, INGAA) to avoid potential future ROW conflicts

# Information Dissemination

## **Build capacity and information sharing through [www. CERTRedEarth.com](http://www.CERTRedEarth.com)**

### Deliverables:

- Develop databases
- Develop listserv of Tribes interested in updates/funding opportunities for EE/RE
- Create a database of technical resources/funding opportunities for strategic planning
- Develop promotional materials for strategic planning/access financial/technical res.
- Develop list of IOU and Co-op utilities and Tribes in service area cross references with public benefit funds (for Renewable energy and Energy Efficiency)
- Develop sample Tribal RFPs
- Distribute and/or post news items on Indian Energy events
- Work with Tribes, government and industry on contemporary energy issues

# Council of Energy Resource Tribes

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Monday November 5th, 2007



## INDIAN ENERGY SOLUTIONS 2007 THE AMERICAN SPIRIT AWARD DINNER

**November 28-30**  
**Pechanga Resort and Casino**  
**Temecula, California**

[Click here for more information](#)

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### Welcome to CERT

The Council of Energy Resource Tribes was founded by Indian Tribes out of necessity and out of a profound sense of collective self-confidence - the confidence that they could chart a new course of prudent development that would address Tribal priorities and values while contributing to a more secure energy future for all Americans.

Since the inception of The Council of Energy Resource Tribes, the farsighted leaders have dramatically restructured the federal-Indian relationship regarding mineral development on Indian lands and have forged alliances and partnerships with industry.

From the beginning, the CERT member Tribes maintained complete management of their valuable resources. Tribes participate in all aspects of managing their resources - from negotiating agreements, protecting the environment, realizing the value of water and other resources to verifying revenue payments.

#### Council of Energy Resource Tribes

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The Council of Energy Resource Tribes is a 501 (c)(3) non-profit corporation.  
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#### RECENT NEWS

Department of Energy Names Director for Office of Indian Energy Policy and Makes Available \$2 Million for Clean Energy Projects on Tribal Lands

[read more >>](#)

Rocky Mountain Indian Chamber of Commerce now accepting applications for American Indian Scholars Scholarship Program

[read more >>](#)

NEW!! POSSIBLE GRANT OPPORTUNITIES (updated 9-18-07)

[read more >>](#)

High Energy Cost Grant Notice of Funding Availability published August 17

[read more >>](#)

New report released from the Center of the American West on "What Every Westerner Should Know about Energy Efficiency and Conservation"

[read more >>](#)

# Information Dissemination

## **Databases and web access**

- ✓ Energy Efficiency Guide
- ✓ Usage statistics for CERTRedEarth.com
  - Daily average: 1,070 hits (September)
  - Monthly total: 33,173 hits (September)

## **Listserv for EERE technologies and retrofits**

- ✓ Listserv of Tribal Representatives interested in EE and RE Technologies

## **Database of technical resources and funding opportunities for strategic planning and energy/economic-community vision development**

- ✓ Expanding/updating database

# Information Dissemination

## **Promotional materials on strategic planning**

- ✓ Guide book/presentation on Integrated Resource Management Plan
- ✓ Researched/posted private and public energy websites/databases

## **List of IOU and Co-op utilities and Tribes**

- ✓ General utility research ongoing and posted

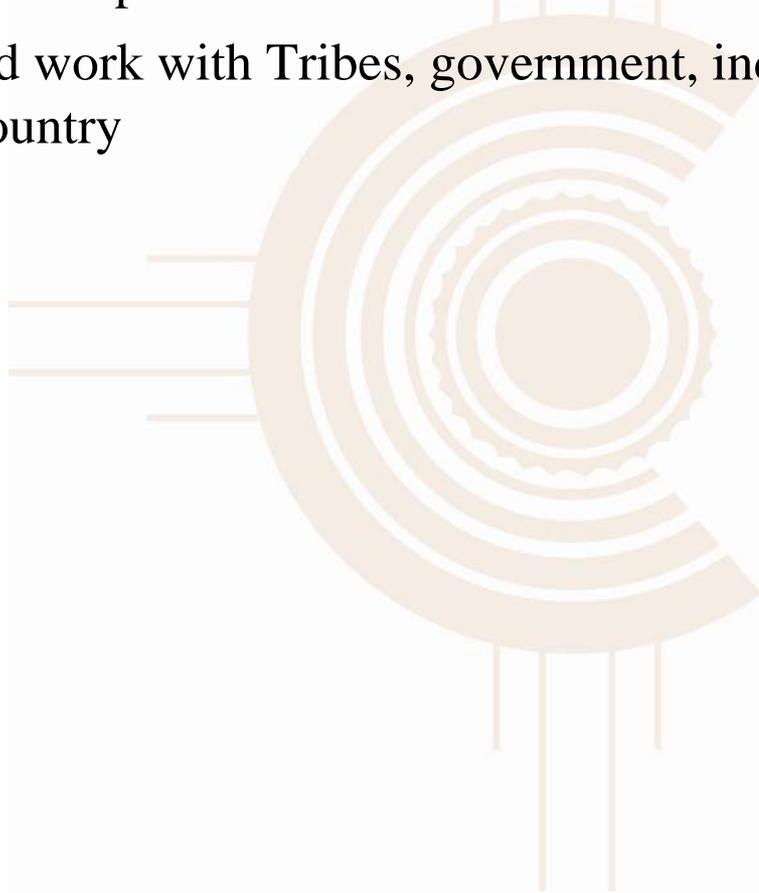
## **Distribute and post news items on Indian energy events**

- ✓ Items are posted and updated as needed

## **Continued work with Tribes, government, industry energy issues that affect Indian Country**

# Information Dissemination

- Database of technical resources and funding opportunities for strategic planning and energy/economic-community vision development
- Distribute and post news items on Indian energy events
- Continued work with Tribes, government, industry energy issues that affect Indian Country





# Future Plans

## CERT Energy Fund

- Continued discussion and development of fund for advancement of energy projects
- Continued promotion of SWTEC solar project

## Conferences, Workshops, Events

- Indian Energy Solutions (28-30 November, 07)



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