DOE
Office of Energy Efficiency and Renewable Energy

TRIBAL ENERGY PROGRAM
2006 Program Review Meeting
23 October 2006

Council of Energy Resource Tribes
• Project Overview
  – CERT/DOE Cooperative Agreement
• Objectives
• Project Status
  – Accomplishments
  – Technical/Management Issues
  – Activities yet to be completed
• Future Plans
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)
1. A. David Lester, Creek
2. Roger B. Fragua, Jemez
3. Glenda Archuleta, Kaibab Paiute
4. Tweedie Doe
5. Tom Talache, Nambe
6. Clint LeBeau, Cheyenne River Sioux
7. Mary Lopez, Rosebud Sioux
8. Heather Dower, Dine
9. Debbie Rowe
10. Ottawa Financial, Garrett Barry, Ottawa
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, and 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
- Facilitate Tribal participation into federal policy changes
Strategies to accomplish tasks outlined in work scope focused on fostering partnerships and mentoring, building Tribal capacity, and facilitating technical assistance expertise.
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 – RE Generation
• Institutional case Studies – Human Capacity Development
Case Studies

- 7 energy audits in 5 climate zones
  - Umatilla, Laguna, Fort Mojave, Pawnee, Osage, Rosebud Sioux, Ohkay Owingeh

- Promotion and planning for WX Training

- Technical/Institutional studies completed
Case Studies

• 3 additional energy audit case studies
  – Great Lakes, New England, Puget Sound

• Weatherization training pilot program for Tribes in the HUD-ONAP Northern Plains Region
  – CO, MT, NE, ND, SD, UT, WY
  – Solicitation for Tribes ready for training
  – Training targeted to Tribal housing managers/technicians
  – Auditing equipment to conduct audits
  – This program is envisioned to be a documented model for replication in other regions in Indian Country
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/Disseminate info
• 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
• Create and disseminate case studies on federal power allocations
• Develop introductory overview guide on strategic planning
• Provide Tribal representation in the changing utility climate
• Research the implications of Tribal weatherization organizations and funds access
• Develop an initiative to “track” industry market trends
• Develop the basis for Tribal Energy Fund Development
Training

- Held national/regional forums to disseminate info; to assist Tribes overcome barriers to development
- Represented Tribal interests in utility restructuring and disseminated on-going info to Tribes (i.e., FERC rulings)
- Identified methods of valuing ROW
- Developed introductory overview guide on strategic planning
- Researched implications of Tribal WX organizations and funds access
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<td>Sustainable Energy Solutions</td>
<td>9-10 November 05</td>
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<td>Tribal Energy Efficiency Symposium</td>
<td>21-22 December 05</td>
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<td>Presented at the CNIGA</td>
<td>11-13 January 06</td>
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<td>Participated in RES</td>
<td>February 06</td>
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<tr>
<td>Participated in 1813 Public Meeting</td>
<td>7-8 March 06</td>
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<tr>
<td>Sovereignty/Tribal Development workshop</td>
<td>26 March 06</td>
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<tr>
<td>Energy Efficiency In Tribal Communities conf.</td>
<td>9-11 May 06</td>
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<td>Sandia Lab/La Jolla Meeting</td>
<td>9-10 May</td>
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<tr>
<td>DU School of Law Seminar</td>
<td>19 May</td>
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<tr>
<td>Cal. Tribal Geothermal Workshop</td>
<td>8-9 June</td>
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<tr>
<td>Indian Energy Solutions</td>
<td>7-9 August 06</td>
</tr>
<tr>
<td>Southwest ROW Workshop</td>
<td>12 October 06</td>
</tr>
<tr>
<td>Tribal Infrastructure Workshop</td>
<td>17-18 October 06</td>
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Training

- Continue holding national/regional forums
- Develop resource list of transmission interconnection resources
- Develop resource list of transmission interconnection resources, analysis, and GIS tools for Tribal representatives
- Develop a methodology for Tribes to determine how T&D costs affect value of WAPA allocations and BPA power contracts
- Create and disseminate case studies on federal power allocation
- Develop initiative to track industry market trends that may impact Tribal development
- Develop basis for Tribal Energy Fund Development through series of symposium workshops and meetings to determine Tribal, government and industry interests in coordinating efforts on Fund development
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
✓ Legal issues
✓ Legislative updates

Provided Strategic Energy Planning and Project Development to:
✓ Umatilla – Energy Code Development
✓ Wind River – Strategic Energy Planning
✓ Isleta – Strategic Energy Planning
✓ Acoma – Strategic Energy Planning

Responded to requests on utility formation, interconnection to:
✓ Acoma
✓ Isleta
✓ Laguna
✓ San Felipe
✓ Yakama
## Technical Assistance Highlights

<table>
<thead>
<tr>
<th>TRIBE</th>
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<tr>
<td><strong>October-December 2005</strong></td>
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<tr>
<td>Osage</td>
<td>Facilitated 2 community meetings re. developing energy projects</td>
</tr>
<tr>
<td>FMIT</td>
<td>Introduced Tribe to Premier/discussed partnership on energy projects</td>
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<tr>
<td>7 Tribes</td>
<td>Submitted info on Tribal energy projects to DOE for potential funding</td>
</tr>
<tr>
<td>CERT Tribes</td>
<td>Explained Energy Efficiency Initiative and its benefits</td>
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<tr>
<td>Round Valley</td>
<td>Responded to request/sub. proposal for facilitation/energy planning</td>
</tr>
<tr>
<td>Various Tribes</td>
<td>Convened meeting for Tribes/James Cason to discuss 1813 Study</td>
</tr>
<tr>
<td><strong>January–March 2006</strong></td>
<td></td>
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<tr>
<td>Ohkay Owingeh</td>
<td>Conducted energy audits at Pueblo at Tribal request</td>
</tr>
<tr>
<td>Yakama</td>
<td>Researched Tribally owned utilities for use at their council meetings</td>
</tr>
<tr>
<td>Fort Peck</td>
<td></td>
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<tr>
<td>Ponca</td>
<td>Met with Council to discuss workshop for Tribe to design its future</td>
</tr>
<tr>
<td>Kaibab Paiute</td>
<td>Facilitated session with Kaibab and Southern Ute Tribe to discuss</td>
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<tr>
<td></td>
<td>potential Tribe-to-Tribe development project</td>
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<table>
<thead>
<tr>
<th>TRIBE</th>
<th>SERVICE</th>
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<tr>
<td><strong>January–March 2006</strong></td>
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<tr>
<td>Yakama</td>
<td>Provided TA to developer of EERE community development project</td>
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<tr>
<td>Acoma</td>
<td>Presented comprehensive presentation on EERE to leadership</td>
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<tr>
<td>Ponca</td>
<td>Requested/Met with Tribal leaders to address value of strategic planning</td>
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<tr>
<td>Ute Mnt. Ute</td>
<td>Proposed workshop to develop strategic plan for energy development</td>
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<tr>
<td>Fort Mojave</td>
<td>Presented/documentd the Developing Utility Ability conference</td>
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<tr>
<td>Jicarilla Apache</td>
<td>Met with Jicarilla Apache re their interest in strategic energy planning</td>
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<tr>
<td>Rosebud Sioux</td>
<td>Responded to inquiries from Tribal leaders on ROW issues</td>
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<tr>
<td>No. Arapaho</td>
<td>Responded to Qs re. small-scale hydropower technologies, energy</td>
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<tr>
<td></td>
<td>generating capacity/ potential environmental damages on Tribal lands</td>
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<tr>
<td>NCIED</td>
<td>Responded/addressed delivery of Indian energy resources to NE</td>
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# Technical Assistance Highlights

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<td><strong>April-June 2006</strong></td>
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<tr>
<td>Jemez</td>
<td>Requested/attended DOI meeting re. water/funding for water planning</td>
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<tr>
<td>Laguna</td>
<td>Met with Utility Authority GM to discuss WX training/curriculum</td>
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<tr>
<td>Ohkay Owingeh</td>
<td>Presented energy audit findings/Proposed implementation planning</td>
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<tr>
<td>Zia/S. Ute</td>
<td>Met with Tribes to explore joint venture energy exploration</td>
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<tr>
<td>SWTEC</td>
<td>Reviewed steps of feasibility project/drafted MOU for membership</td>
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<tr>
<td>MicMac</td>
<td>Requested assistance to define opp./challenges in energy development</td>
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<tr>
<td>NAIHC</td>
<td>Coordinated presentations with DOE to maximize EE message</td>
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<tr>
<td>E. Shoshone</td>
<td>Presented benefits of strategic planning/Submitted proposal</td>
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<tr>
<td>Nambe</td>
<td>Responded to request for info on energy strategic planning</td>
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<tr>
<td>Rosebud Sioux</td>
<td>Facilitated action planning meeting for EERE demonstration project</td>
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<tr>
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<td>Presented energy audit findings at RST at housing community meeting</td>
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<tr>
<td>Isleta</td>
<td>Met with leadership to discuss strategic energy planning for Pueblo</td>
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<table>
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<th>TRIBE</th>
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<tr>
<td>Various Tribes</td>
<td>Answered many questions on 1813 Study and other ROW inquiries</td>
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<tr>
<td>SWTEC</td>
<td>Convened member Tribes for next steps; considered project feasibility</td>
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<tr>
<td>Wind River</td>
<td>Facilitated comprehensive strategic planning for energy development</td>
</tr>
<tr>
<td>Isleta</td>
<td>Facilitated comprehensive strategic planning for energy development</td>
</tr>
<tr>
<td>Umatilla</td>
<td>Conducted implementation of energy efficiency strategies from audits; convened board on developing building codes for future construction</td>
</tr>
<tr>
<td>Acoma</td>
<td>Facilitated comprehensive strategic planning for energy development</td>
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</table>
Continued technical assistance to Tribes…

- Advance CERT capacity and nurture partnerships to respond to Tribes
- Promote and provide strategic planning services to more Tribes
- As Tribal capacity expands, policy evolves, and new challenges arrive, CERT will provide assistance on utility formation, interconnection, ROW issues
Build capacity and information sharing through 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
Indian Energy Solutions 2006
AND THE AMERICAN SPIRIT AWARD DINNER
Hosted by The Saginaw Chippewa Indian Tribe

August 7th - 9th
Soaring Eagle Casino & Resort
Mount Pleasant, Michigan

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 fastidious 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 partake 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.

The Council of Energy Resource Tribes
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The Council of Energy Resource Tribes is a 501 (c)(3) non-profit corporation.
All contributions are tax deductible to the full extent of the law.

Recent News

President's Solar America Initiative (SAI) Technical Exchange Meetings and Request for Information
Proposed reform to open access transmission tariff (OATT)
Senator Campbell's remarks at the ROW Study meeting on April 19th.
El Paso Corp. and the Navajo are far apart in renegotiating the right of way for a pipeline vital to the nation's and tribe's economies.
POSSIBLE FUNDING OPPORTUNITIES!
Minerals Management Service (MMS) to hold public scoping meetings to prepare the Programmatic Environmental Impact Statement (EIS) across the country during the months of May and June.
Natural Gas Dispute - Line of Contention: April 16, 2006
It's not the fault of Indians by James Stedd, Jr. from the Denver Post, Friday, April 14, 2006
CERT & NCAT COMMENTS ON ROW STUDY

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Usage Statistics for certredearth.com

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### Summary by Month

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Generated by Webalizer Version 2.01
Information Dissemination

Databases and web access

- Energy Efficiency Guide
- Created database of Tribal, industry and government representatives
- Researched, collected technical resources (businesses, nonprofit organization, institutions, universities and federal grants, and private foundations fund for community and EE/RE based projects)
- Usage statistics for CERTRedEarth.com

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

- Created database
Promotional materials on strategic planning
- White Paper and presentation on Financing Tribal Energy Projects
  *Under continued development*
- 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**
Publications Reports (January - June 06)

- Findings and Recommendations for Proposed Energy Efficiency Projects - Residential and Tribal Buildings - Ohkay Owingeh
- Findings and Recommendations for Proposed Energy Efficiency Projects - Casino and Resort - Ohkay Owingeh
- Power Quality Power Consumption Power Security Site Report – Ohkay Owingeh Casino
- Developing Utility Ability: Dispensing the Value of Tribal Energy Resources to the Tribal Community
- SWTEC Planning Meeting-Project Kick-Off
- Sovereignty and Tribal Development Workshop
- Worksite Tour of Sunpower, Inc.
- Developing Utility Ability - Dispensing the Value of Tribal Energy Resources to the Tribal Community
- Energy Efficiency in Tribal Communities: Maximizing Our Potential
- Action Planning Rosebud, South Dakota
• Provide database of technical resources and funding opportunities for strategic planning and energy/economic-community vision development
• Continue distributing/posting news items on Indian energy events
• Continue working with Tribes, government, industry energy issues that affect Indian Country
• Develop sample Tribal RFPs and post on website
Future Plans

CERT Energy Fund
- SWTEC Project
- Private, International, Philanthropic community

Conferences, Workshops, Events
- ROW Workshop (11/06)
- Hydropower Conference (11/06)
- Members’ Meeting (12/06)
- Indian Energy Solutions (7/07)
Contact Information

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