Development of an Energy Organization

DOE Tribal Energy Program
Program Review Meeting
November 18, 2008

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OREGON County Boundaries

Coos County

Curry and Josephine County
Our Aboriginal Territory spans from the Pacific Ocean to the west, south to Wilson Creek in Del Norte County, north to the Sixes River in southern Oregon, and east to the Applegate river drainage in Oregon.

Smith River Rancheria is located in the northwestern most corner of California.

- Coastal Setting
- End of Transmission Line From Pacific Power
- No Redundancy Built into System
History of Past Projects

- Economic & Technical Feasibility
- Evaluate Wind, Solar and Bio Mass
- Tribal Energy Load Assessment
- Community Need for Energy vs. Export
- Conservation Opportunities
- Power Market Assessment
History of Past Projects

- Conservation
  - First Step in Minimizing Energy Use

- Wind, Solar & Bio Mass
  - Provide Limited Energy

- Limited Resource
  - Due to Geographic Location and Sustainability of Source

- More Than Just Developing Resources
  - Locally Self Determination is How Power Delivery Takes Place
Power Supply Options

- Federal Power Marketing Agencies
  - Western Area Power Administration (WAPA)
  - Bonneville Power Administration (BPA)
Utilities

- Interconnected Utilities
  - PacifiCorp and Coos Curry Electric Coop
  - Ability to Sell into Oregon or California Market
    - Allocation
  - Purchase from Either Market
    - Future Tribal Enterprises
  - Added Redundancy for Smith River Rancheria
Transmission Lines
Utility Activities

- **Interconnected Utilities**
  - PacifiCorp and Coos Curry Electric
  - Ability to Receive Allocation in Oregon or California Markets
  - Purchase from Either Market
    - Future Tribal Enterprises
  - Added Redundancy for SRR and Region
Goals

- Utilities Interconnection with Southern Oregon and Northern California
- Review of Options for Delivery of Power to the Smith River Rancheria Customer Base
- To Address the Regional Power Needs Through the Best Available Options
Goal 1 – Utilities Interconnection with Southern Oregon and Northern California

- Establish Allocation Parameters with WAPA and BPA
- Review Assets Needed for WAPA Power Delivery
- Review Assets Needed for BPA Power Delivery
- Gain a Thorough Understanding of the PUC Regulatory Commission
Goal 2 - Options for Delivery

- Formation of a Tribal Utility
- Cooperative Agreements with Local Power Providers
- Purchase of Existing Infrastructure
- Construction of New Infrastructure
Goal 3 - Regional Power Needs

- Secure Adequate Power Supply for the Region
- Redundancy in the Power Supply System
- Ensure the Approach Used is the Least Cost for Commercial and Residential Activities
Desired Outcomes

- Sustainability Through Renewable Resources
- To Establish Conservation Opportunities
- Control Energy Availability and Costs that Effects the Economic Viability of the Smith River Rancheria
- Continue the Smith River Rancheria as an Economic Driver for the Bi-State Region