Smith River Rancheria

- Coastal Community of 600
- Members Living in Oregon
- Next Door to Booming Community
- Additional Development Opportunities
Location

- Northern California Location
- Members in Oregon
- Multiple Jurisdictions
  - Federal
  - Del Norte County
  - Curry County
Location

- Coastal Setting
- Wind Rich Area
Location

• Rancheria Location
  – Forested
  – Near Forest Products Company
Past Development

- Casino
- Gas Mart
- Community Center
- Head Start and Day Care Facility
- Pursuing Wastewater Treatment
- Plans for Six Other Tribal Facilities
Past Study

• Energy Planning and Self-sufficiency Study
  – Best Technology Options
  – Reduce Power Cost
  – Energy Self-sufficiency
  – Utilize Natural Resources
  – Establish Energy Organization
  – Training
Project Overview

• Determine Feasibility of Power Generation
  – Technical
  – Economic
  – Biomass
  – Wind
Participants

• Smith River Rancheria
  – Russ Crabtree  Tribal Administrator
  – Jon Grant  Grants & Contracts Officer
  – Nita Rolfe  Program Coordinator
  – Dorothy Perry  Administrative Assistant
Participants (Continued)

• Outside Expertise
• Multiple Experts Evaluating Feasibility
  – Higher Quality Results
  – More Creative Solutions
  – Better Access to Other Strategic Partners
• Nurture Partnerships
Participants (Continued)

- Consultants
  - Greg Retzlaff, Strategic Energy Solutions, Inc.
    - Lead Consultant, Economic, Benefits, Biomass
    - Transmission, Interconnect, Benefits, Biomass
  - Stephen Anderson, Evergreen Energy Corporation
    - Utility, Power Marketing, Wheeling, Standby Power
Participants (Continued)

- Consultants (Continued)
  - David F Luck, Luck Variable Resources
    - Wind, Operation & Maintenance
  - Terry Thomas, Environmental Management Associates
    - Environmental Benefits, Impacts, Permitting Plan
  - JD Williams, Tribal Law Office
    - Deregulation, Jurisdiction, Community Awareness, Community Support Strategies
Participants

- Possible Partnerships
  - Local Forest Products Firm
  - Incumbent Utility - Pacific Power, California
  - Regional Cooperative - Coos-Curry Electric
  - Energy Funds
  - Independent Power Producers (IPP’s)
Objectives

- Economical & Technical Feasible
- Evaluate Wind & Biomass
- Tribal Energy Load Assessment
- Community Need For Energy vs. Export
- Conservation Opportunities
- Power Market Assessment
- Site-specific Resource Monitoring
Match Tribal Objectives

- Energy Vision Statement & Guiding Principles
- Comprehensive Economic Development Strategy
- Support Tribal Energy Objectives
- Support Tribal Economic Development Objectives
Background Information

- Wind Resources
  - Resource Available
  - Preliminary Sites Identified
Background Information

- Potential Sites
- Utilized Easiest if Close
- Sell to Market
Background Information

- Biomass
  - Resource Available
  - Existing Forest Products Industry
  - Possible Cogeneration Partnership
Wind & Biomass Power Generation Feasibility

Smith River Rancheria

Russ Crabtree - Tribal Administrator
Jon Grant - Grants & Contracts Officer

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