Yerington Paiute Tribe
Building Organization Capacity for Renewable Energy Projects

Presented by: Justin Whitesides
Environmental Director
Yerington Paiute Tribe

- Northern Paiutes
- Gained Federal Recognition 1934
- Land Base approx 1,653 acres
- Famous Historical Figure

Wovoka- Founder Ghost Dance
Yerington Paiute Tribe Demographics

Located in
Yerington, Nevada
Lyon County
Population
~1200 Enrolled
575 Tribal Members
400 Reservation
175 Colony
Unemployment
~40%
Yerington Anaconda Mine Site

Basic Info

- 3,500 acres
- 8 Operable Units
- CERCLA 106 Superfund Site
- Beyond Petroleum responsible party
- Plume of contamination ~3 miles north of site
- Tribal Reservation ~2.5 miles north of site
Steps Already Taken

- Developed recycling program
  Serve the adjacent city of Yerington
  Expanded to collect CFL’s/batteries
- Going Paperless
  Followed Paper Reduction Act
  Digitized
  Cost savings per year ~$15,000
- Energy Audits
  Initiated by my office RCAC
  Taken over by housing
- Weatherization
  Component of housing
- Adopted Green Building Codes
  Component of housing
Black Rock Solar

- Nonprofit 501C3
- NV Energy Rebate funded
- Use economies of scale
  - economies of labor
  - improved buying power
- Provide local training
  - Paid apprenticeship
  - Hands on
  - Classroom training
- Pictograph Installations
  - increase awareness
  - educational opportunity
Reservation Solar Installations

Completed Installation
- Commodities
  ~15KW
- Health Clinic
  ~40KW
- Administration
  ~35KW

Pending Installation
- Water Treatment Plant
  ~30KW
- Rite Of Passage
  ~50KW

Future Installation
- Tribal Gas Station
- Irrigation Pump
- Community Center
Colony Solar Installations

Completed Installation
- Elder Complex
  ~16KW

Pending Installation
- None

Future Installation
- Smoke Shop
NREL Annual Solar Radiation Map
Development Study Area

- Clean Air Act 103 (CAA 103)
  - Awarded Amount: $113,167.00
  - Budget Period: 10/01/2009-09/30/2010
  - 75% FTE
DOE First Steps Grant

Building Organizational Capacity for Renewable Energy Projects

Phase 1
- Project Initiation
  Tribal Council, Community, Stakeholder Buy In

Phase 2
- Data collection and analysis
  Data mining…which model will work in the best interest for the Tribe?

Phase 3
- Design
  Outreach to those involved by including transparency in design

Phase 4
- Implementation
  Implement the energy planning committee
Organizational Chart
Project Staff

APPLICANT IDENTIFIER
Yerington Paiute Tribe
171 Campbell Lane
Yerington, NV 89447

PROJECT STAFF
to be hired
Energy Planner
Yerington Paiute Tribe
603 West Bridge Street
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CONTRACTOR CONTACT INFORMATION
DEVELOPMENT PARTNER
CleanPath Renewables
241 Ridge Street, Suite 210
Reno, NV 89501
Timeline

Project Period
10/01/11-01/01/13

Progress
Behind one month

Where we stand?
- Securing Contractor
- Hiring Energy Planner
What’s Next?

- Feasibility Study
- Engineering and Design
- Negotiating PPA
- Construction & Implementation
- Training and Upkeep
QUESTIONS?

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