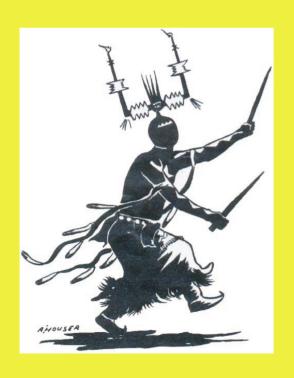
Fort Sill Apache Energy Planning Project



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DOE Tribal Energy Program Review
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Project Overview

- To create an Energy Office within the Tribal Structure
- To complete an Energy Analysis of Tribal Building Space, current and proposed
- To develop a Tribal Strategic Energy Plan

Project Location

Southwest Oklahoma

Tribal Headquarters, Apache, Oklahoma East Gore, Lawton, Oklahoma Apache Wye Property

- Eastern New Mexico (Near El Paso)
- Arizona

Tribal Jurisdictional Area - Oklahoma

- The Fort Sill Apache Tribe has jurisdiction over 65 surface (4,162.2 acres) and 41 mineral (2,841.4) tracts over three counties in Southwestern Oklahoma (allotted lands)
- The Fort Sill Apache Tribe owns over 400 acres in rural Caddo County and within the Lawton, Ok SMSA
- The tribe anticipates other land purchases within the next 12 months.

Project Participants

- Tribal Members
- Employees
- Area Native Americans
- Local Community
- Area Utilities
- State Energy Resources

Fort Sill Apache Tribal Members

- Over half of the Tribe's membership lives outside the State of Oklahoma
- Almost 50% of the Tribe's membership is under the age of 18
- It is hoped that out of state members will be able to actively participate in the project through the Energy web-site.

Tribal Employees

- 30 employees at headquarters, 60+ employees at FSA Casino
- 97% Native American

Other Native Americans

- Anadarko Agency, Bureau of Indian Affairs is responsible to seven Indian Tribes – Kiowa, Comanche, Apache Tribe of Oklahoma, Wichita and Affiliated Tribes, Delaware Nation, Caddo Nation, and the Fort Sill Apache Tribe
- Caddo County, the primary service area of the Fort Sill Apache Tribe is 24.3% Native American

Area Utilities and Energy Resources

Utilities in the primary service area include:

- Oklahoma Natural Gas
- Western Farmer's Electric Cooperative
- Caddo Electric Cooperative
- Cotton County Electric Cooperative
- Public Service Company of Oklahoma

Utilities and Energy Resource, cont'd

- Over 20% of all oil and gas payments made through the Bureau of Indian Affairs are processed by the Anadarko Agency, Anadarko, Oklahoma. The Fort Sill Apache is one of the seven tribes under the Anadarko Agency
- Potential for solar, wind, geothermal, biomass technologies are high

Project Objectives



Fort Sill Apache

Energy

Planning Project

Objective 1:

- To create an Energy Office within the Tribal Structure
 - Staff currently includes Energy Coordinator with support from Environmental department
 - Support staff will utilize GPS/GIS technology in providing current energy resource information and development potential
 - Support staff will assimilate meteorological data for wind and solar potential
 - Project funds supports specialized staff training

Objective 2:

- To complete an Energy Analysis of Tribal Buildings
 - -Partnership with Caddo Electric has completed initial investigation for energy audit on existing buildings at tribal headquarters
 - -Follow-up study scheduled for Nov 2
 - -Additional investigations will include tribal housing and casino
 - -Historic usage data has been collected for headquarters

Objective 3:

- Development of a Tribal Strategic Energy Plan
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 - -Strategic Planning Session conducted using the Planning Team Concept
 - -Revision of Strategic Planning Session document has undergone tribal review ready to submit to contractor for corrections

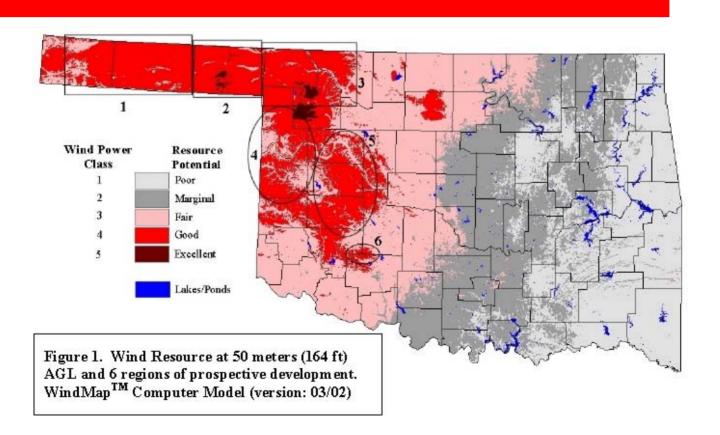
Planning Team Composition

- Tribal Administrator
- Energy Director
- Energy Technician
- Energy Consultant (s)
- Tribal Leadership Representation
- Tribal Housing Representation

New Projects/Future Plans

- With Energy Audit and Strategic Plan, Fort Sill Apache Tribe will seek funding options to begin implementation.
- Requested assistance through Bureau of Indian Affairs Energy and Mineral Assessment for proposal development for wind, solar, geothermal and biomass.

Wind Resource Potential



Conclusion

 Department of Energy Funding has given the Fort Sill Apache Tribe an opportunity to become more knowledgeable about energy conservation, resources available, and utilization of those resources. The strategic plan will be utilized in making educated decisions for short and long term planning.