

Fort Sill Apache Energy Planning Project



Fort Sill Apache Tribe
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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

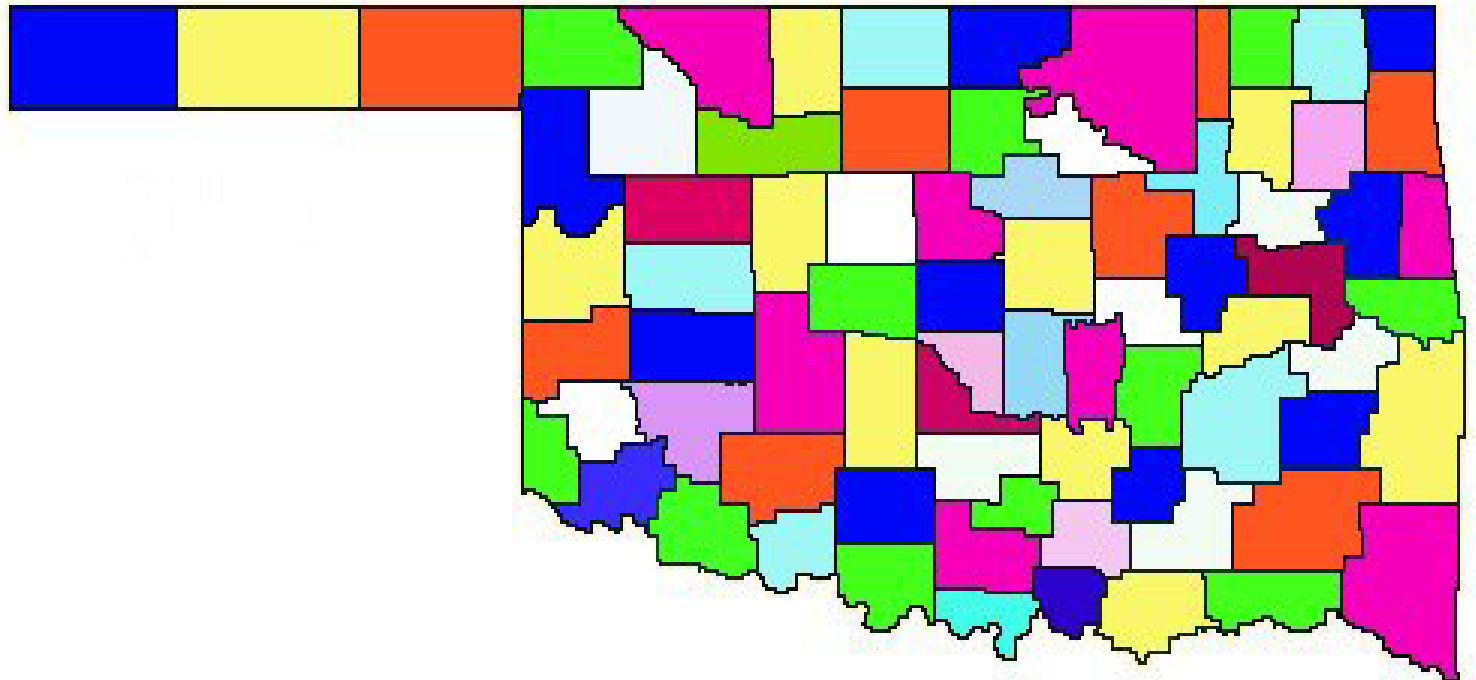


Project Location

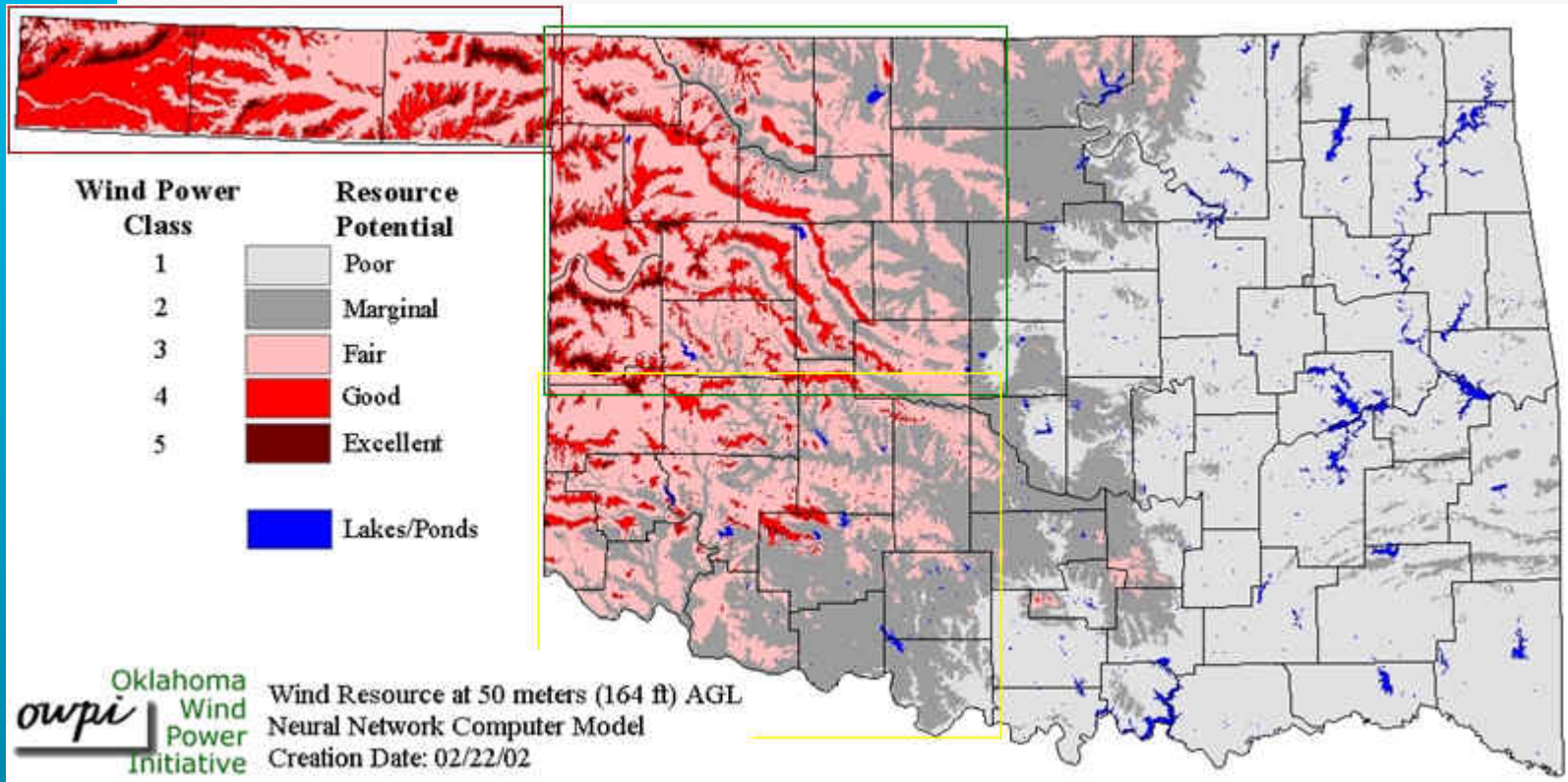
- Southwestern Oklahoma
 - Tribal Headquarters, Apache, Oklahoma
 - Apache Y Property
 - East Gore, Lawton
 - Future land purchases
- Eastern New Mexico (Near El Paso)
- Arizona



Oklahoma State Map



Oklahoma Wind Resources



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



Tribal Properties – New Mexico and Arizona

- The Fort Sill Apache Tribe owns 4 acres in Arizona
- Portions of New Mexico and Arizona are considered aboriginal lands
- The Fort Sill Apache Tribe owns 40 acres near Deming, New Mexico, an area east of El Paso, Texas

New Mexico Energy Potential

- Located near El Paso
- High potential for Wind Energy Development
- Held in Trust Status
- Located on Interstate 10
- Primary disadvantage- nothing there (yet...)

Project Participants

- Tribal Members
- Area Native Americans
- Local Community
- Area Utilities
- State Energy Resources (Wind Power Oklahoma, State Department of Commerce)



Fort Sill Apache Tribal Members

- Over half of the Tribe's membership live outside the State of Oklahoma
- Almost 50% of the Tribe's membership is under the age of 18
- Absentee Voting was held for the first time this year, allowing out of state residents to have an active part in Tribal Government
- Out of state members will be able to actively participate in the project through the Energy Web-site



Other Relevant Information

- Anadarko Agency, Bureau of Indian Affairs is responsible to seven Indian Tribes– Kiowa, Comanche, Apache Tribe of Oklahoma (Kiowa-Apache), Wichita and Affiliated Tribes, Delaware Tribe of Western Oklahoma, Caddo Tribe of Oklahoma, and the Fort Sill Apache Tribe
- Caddo County, the primary service area of the Fort Sill Apache Tribe is 24.3% Native American
- 100 year utility easements are now up for renewal



Area Utilities and Energy Resources

Utilities in the primary service area include:

Oklahoma Natural Gas

Western Farmer's Electric Cooperative

(Recently completed a 64-megawatt wind farm near the tribal complex)

Caddo Electric Cooperative

Cotton Electric Cooperative

Public Service Company of Oklahoma



Utilities and Energy Resources, 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 the smallest of the seven tribes under the Anadarko Agency
- Potential for solar or wind technologies are high

Project Objectives

Fort Sill Apache Energy Planning Project



Objective 1:

- To create an Energy Office within the Tribal Structure
 - Staff will include an Energy Coordinator and a part-time Energy Technician
 - Staff will utilize GIS/GPS technology in development of project deliverables
 - Seminars will be held concerning energy efficiency and renewable energy options to assist tribal homeowners in increasing their energy efficiency
 - Project funds will support specialized staff training.
 - The Energy Office will serve as a resource for tribal members, other Native Americans and the community for energy efficiency, renewable and sustainable energy information.

Objective 2:

- To complete an Energy Analysis of Tribal Building Space
 - Tribe will partner with area utility companies, DOE resources, private entities to conduct energy studies on existing and planned facilities
 - Renovation to Casino will include energy saving components (by resolution)
 - Historic usage data has been collected to document energy savings.

Existing Fort Sill Apache Casino

Fort Sill Apache Casino- Lawton, OK



Objective 3:

- **Development of a Tribal Strategic Energy Plan**

- Plan development centered around training seminars for Energy Planning Team under contract with CERT
- Seminars will be open to other Indian Tribes and the community
- Actual Plan development will be conducted outside the seminar setting

The Project intends to use a Planning Team Concept for development of the Strategic Plan

Planning Team Composition

- Tribal Administrator
- Energy Coordinator
- Energy Technician
- Energy Consultants (CERT – Navigant)
- Tribal Leadership Representation
- Tribal Housing Representation

Project Highlights

- Project recently received a six month extension
- Project activities include:
 - Networking with other Tribal Energy Programs, Energy Resources and other Energy Related organizations
 - Participation in Energy Related Conferences and Training (CERT sponsored Oklahoma Energy Meeting)
 - Development of Web Site to share information with tribal members and other Native Americans
 - Development of a close working relationship with Sandia Laboratories and the National Renewable Energy Laboratory (NREL)

Relevant Background Information

Tribal Historical Timeline



The Chiricahua Apache Tribe is one of seven Apachean Tribes. These seven tribes are separate nations and are related to each other much in the same way that nations in Europe are related to each other.

Where the Tribe got its name



Life as a prisoner of war



One year after their arrival, Chiricahua apaches were living in wooden houses, such as James Kaywaykla's village on Fort Sill

Mescalero's Leave for New Mexico



In April 1913, 186 Fort Sill Prisoners left for Mescalero, New Mexico to become the Mescalero Apache Tribe. The 86 remaining became the Fort Sill Apache Tribe

Allotment

- Because they were considered dangerous, Tribal members were not allowed to have allotments within five miles of each other
- Remembering their treaty promises Tribal members demanded that all allotments have access to woods and water
- The allotments were purchased by the Federal Government from deceased Kiowa, Comanche, and Kiowa-Apache allottees
- Generations of the Tribe were born and died as prisoner's of war
- The Fort Sill Apache Tribe has a lawsuit against the United States Government for reparations as prisoners of war

The Fort Sill Apache Tribe Today

- The Fort Sill Apache Tribe operates a casino in Lawton, Oklahoma. Other casinos are in the planning stage
- Tribal Administration includes a full range of services to tribal membership
- The Fort Sill Apache Tribe intends to make services available to all members regardless of where they may live through the use of the Internet and current technology
- The Fort Sill Apache Energy Planning Project will work closely with other tribal planning efforts to assure coordination of resources and outcomes

Requested Technical Support

- The Fort Sill Apache Tribe continues to identify resources available to further the objectives of this proposed project, including networking with other Indian Tribes and utilizing resources of the NREL and the Department of Energy

