

**Office of Energy Efficiency and
Renewable Energy
TRIBAL ENERGY PROGRAM**

Formation of a Hopi Sustainable
Energy Program

October 18-21, 2004

Map of Hopi Land



Background for Formation of a HOPI Sustainable Energy Program

- Significant tribal environmental and economic challenges
 - Potential closure of the Mohave Generating Plant which uses Hopi coal
 - Diversification of coal dominated economy
- Tribal long term planning and existing land use restrictions have limited new construction
 - ┆ Planned new town – Tawaovi
 - ┆ Best use of existing energy options

Hopi Planning

- Hopit Potskwaniat – Energy Related Goals “To provide affordable and environmentally safe energy for local residents and businesses for the purpose of economic self-sufficiency.”
- Hopi-EPA Clean Air Partnership Project – Reviewed energy, economic, and air quality related options and provided information to tribal leaders and an upcoming energy fair to assist tribal members in making energy related judgments.

Grant Activities

- Work with Energy Team of Tribal Council
- Draft and Final Sustainable Energy Plan
- Inventory of energy projects
- Use of energy audits to identify options for cost effective equipment changes
- Training of staff, facilities managers, and federal partners to employ energy efficiency
- Funding strategies review for ongoing efforts
- Continued discussions with energy suppliers and neighboring utilities

Results

- Establishment of energy related offices with Office of Mining and hiring of Sustainable Energy Program Manager
- Hopi Utility Authority – continue to work toward utility status
 - WAPA allocation and delivery
 - Extensive Valuation of existing utility infrastructure
 - Negotiations with neighboring utility
- Maximize options for energy efficiency – Training of facilities managers
- Use of energy sustainability for Tawaovi Community
- Potential Wind Farm Site Negotiations