



ROADMAP AND METRICS

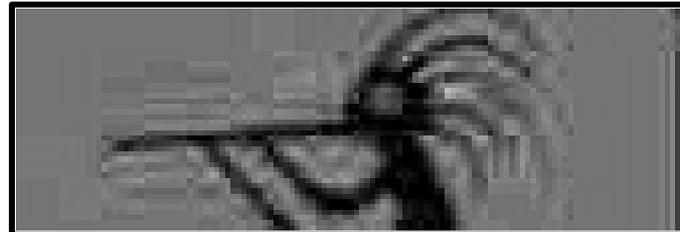




Tribal Energy Program

Guiding Principles

- **Developed in Cooperation with Tribes**
- **Supports Government-to-Government Relations**
- **Focuses on the Interests of the Tribe and Tribal Community, as a Whole**
- **Supports Tribal Energy Visions**





Tribal Energy Program

Long-Term Goals

- **Increase the installed capacity of renewable energy systems on tribal lands to 1 GW by 2012**
- **Successfully complete 40 renewable energy hardware installations on Tribal Lands**
- **Provide funding and support for the completion of 100 renewable energy feasibility studies on tribal lands**

Based on 10-Year Program Funded at \$5,000,000 in Discretionary Funds per Year (\$50 Million)



Tribal Energy Program

Long-Term Goals (Continued)

- **Support the development of 100 “First Steps” projects (i.e., strategic planning, resource options analysis, organizational development, and capacity building)**
- **Increase the number of Tribes with strategic energy plans to 25% (143 Tribes)**
- **Train 100 Tribal College & University Professors through five (5) Teach-the-Teacher workshops**

Based on 10-Year Program Funded at \$5,000,000 in Discretionary Funds per Year (\$50 Million)



Tribal Energy Program

Long-Term Goals (Continued)

- **Train 1,000 Tribal leaders and energy planners through regional workshops**
- **Provide internships to 100 Native American students**
- **Offer renewable energy courses at 10 Tribal Colleges and Universities through a traveling professor**
- **Assist the development of 5 inter-tribal regional strategic plans**

Based on 10-Year Program Funded at \$5,000,000 in Discretionary Funds per Year (\$50 Million)



Tribal Energy Program

Long-Term Goals (Continued)

- **Facilitate renewable energy commercial project financing to achieve 1 GW of installed capacity in Indian Country**
- **Promote regional energy efficiency technology adoption (all regions)**

Based on 10-Year Program Funded at \$5,000,000 in Discretionary Funds per Year (\$50 Million)



Tribal Energy Program

Goals Achievable through a Sustained Multi-Pronged Approach

- **Financial Assistance**
- **Technical Assistance**
- **Information and Technology Transfer**
- **Intra- and Intergovernmental Coordination**
- **Education**



Tribal Energy Program

Program Challenges

- **Institutionalize DOE Indian Renewable Energy Program**
 - **DOE Indian Energy Office**
 - **Sustained Funding**

- **Cultural Gaps**
 - **Segregation of Tribal Government and Business**
 - **Sovereignty**
 - **Belief Systems**



Tribal Energy Program

Program Challenges (Continued)

- **Intergovernmental Collaboration**
 - **Health and Human Services (HHS)**
 - **Environmental Protection Agency (EPA)**
 - **Bureau of Indian Affairs (BIA)**
 - **Mineral Management Services (MMS)**
 - **Economic Development Agency (EDA)**
 - **Department of Justice (DOJ)**
 - **Housing and Urban Development (HUD)**
 - **Department of Agriculture (USDA)**



Tribal Energy Program

Program Challenges (Continued)

- **Diversity of Tribes**
 - **Size**
 - **Resources**
 - **Human Capacity**
 - **Legal Framework**
 - **Economics**
 - **Infrastructure**



Tribal Energy Program

Program Challenges (Continued)

➤ Perceived Risks

- Turnover**
- Human Capacity**
- Organizational Infrastructure**
- Legal Framework**
- Delays**



Tribal Energy Program

Program Challenges (Continued)

➤ Educational Institutions

- Limited Resources**
- Student Critical Mass**
- Turnover**
- Renewable Energy Curricula**
- Professors Trained in Renewable Energy**