

**U.S. DEPARTMENT OF ENERGY
OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY**

DOE's Tribal Energy Program



Greener Homes National Summit 2011

Federal Panel - Financing Energy Efficiency and Alternative Energy Projects

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U.S. DOE, Golden Field Office



Energy Efficiency and Renewable Energy

Clean Energy for America's Future

Invests in clean energy technologies that:

- Strengthen the economy,
- Protect the environment, and
- Reduce dependence on foreign oil

Leverages partnerships to speed the adoption of new technologies in renewable energy, advanced vehicles and fuels, and energy efficiency.



* Operates an annual budget of \$2.2 billion and responsible for investing more than \$16 billion in Recovery Act funds.

DOE's Tribal Energy Program

Promote tribal energy sufficiency, economic development and employment on tribal lands through the use of renewable energy and energy efficiency technologies



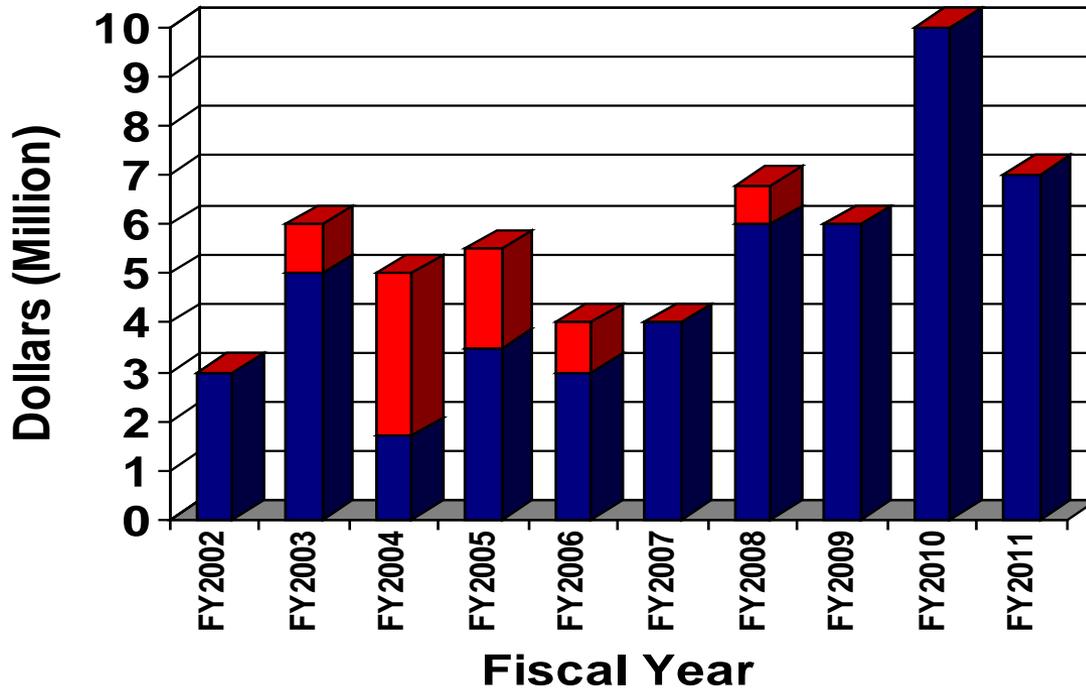
Mission

Offering financial and technical assistance to Tribes through government-to-government partnerships that:

- 1) Empower Tribal leaders to make informed decisions about energy choices;***
- 2) Bring renewable energy and energy efficiency options to Indian Country;***
- 3) Enhance human capacity through education and training;***
- 4) Improve local Tribal economies and the environment; and***
- 5) Make a difference in the quality of life of Native***



DOE's Tribal Energy Program Program Funding History



Program budget has averaged less than \$6.0 million per year

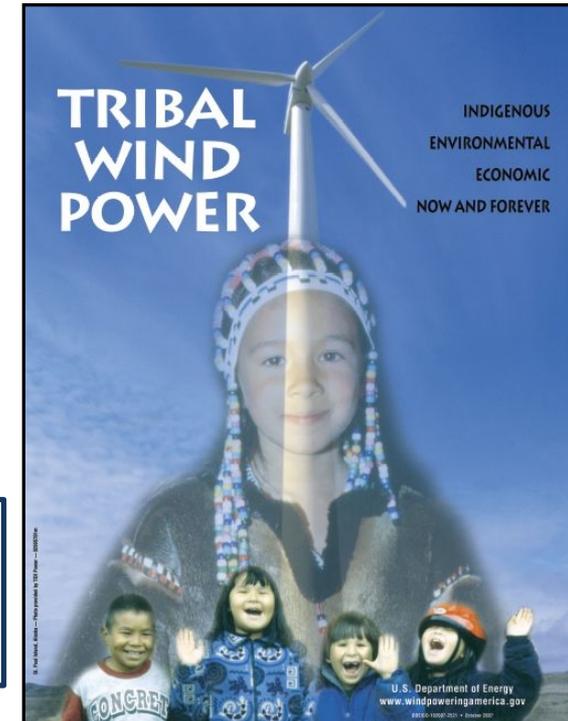
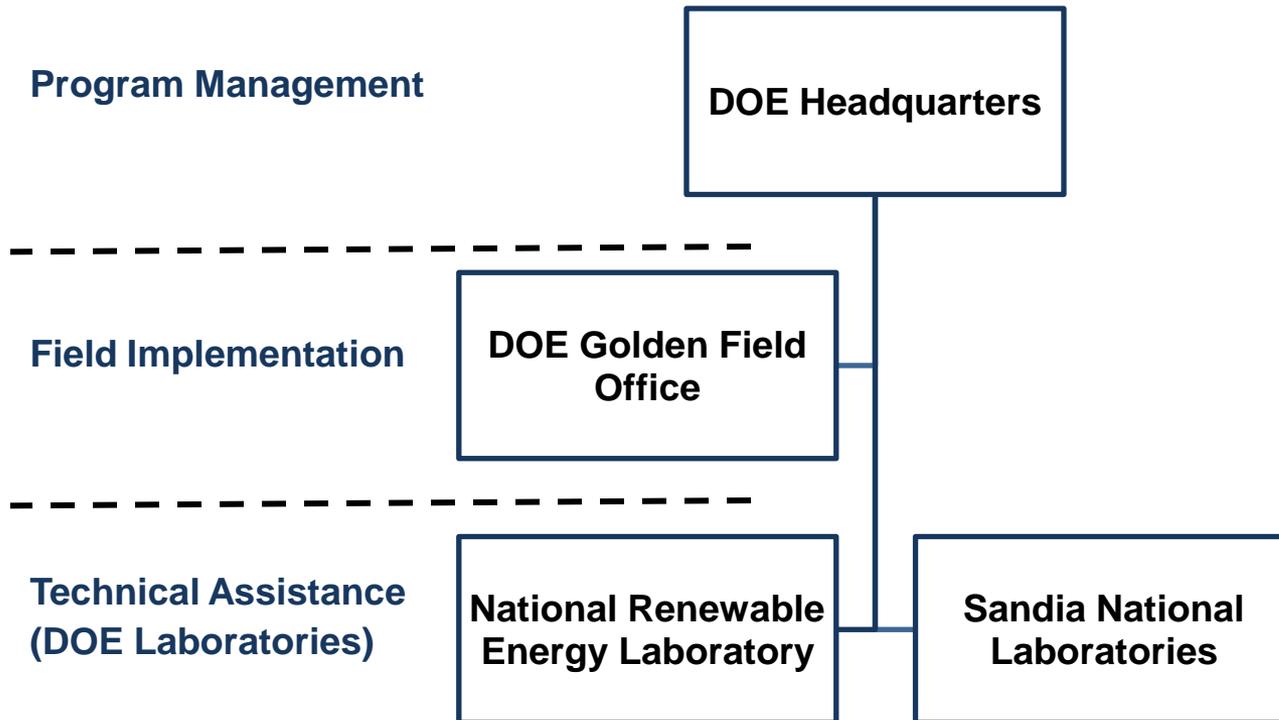
■ Earmarks
■ Funding



DOE's Tribal Energy Program

Organization

Program Management through DOE Headquarters, implementation through the DOE Golden Field Office, and technical support through the DOE's Laboratories



DOE's Tribal Energy Program **Three Pronged Approach**

**Financial
Assistance**

*Success through
Government-to-
Government
Partnerships*

**Technical
Assistance**

*Leveraged through
Intergovernmental
Coordination*

Information & Education

*Leveraged with Intra-
governmental
Coordination*



Providing Financial Assistance

Providing financial and technical assistance to Tribes for the evaluation and development of renewable energy resources on Tribal Lands

Eligibility:

Federally-recognized Tribe, Tribal Energy Resource Development Organization, or Tribal Consortium (two or more entities, at least one of which is an Indian Tribe).



Tribal Lands include Indian reservations; Public domain Indian allotments; Former Indian reservations in Oklahoma; Land held by under the provisions of the Alaska Native Claims Settlement Act (43 U.S.C. 1601 et seq.); and Lands held in fee simple or under a Federal land lease.

Funds Awarded through a Competitive Process



Financial Assistance

Financial Assistance to Spur Deployment in Indian Country

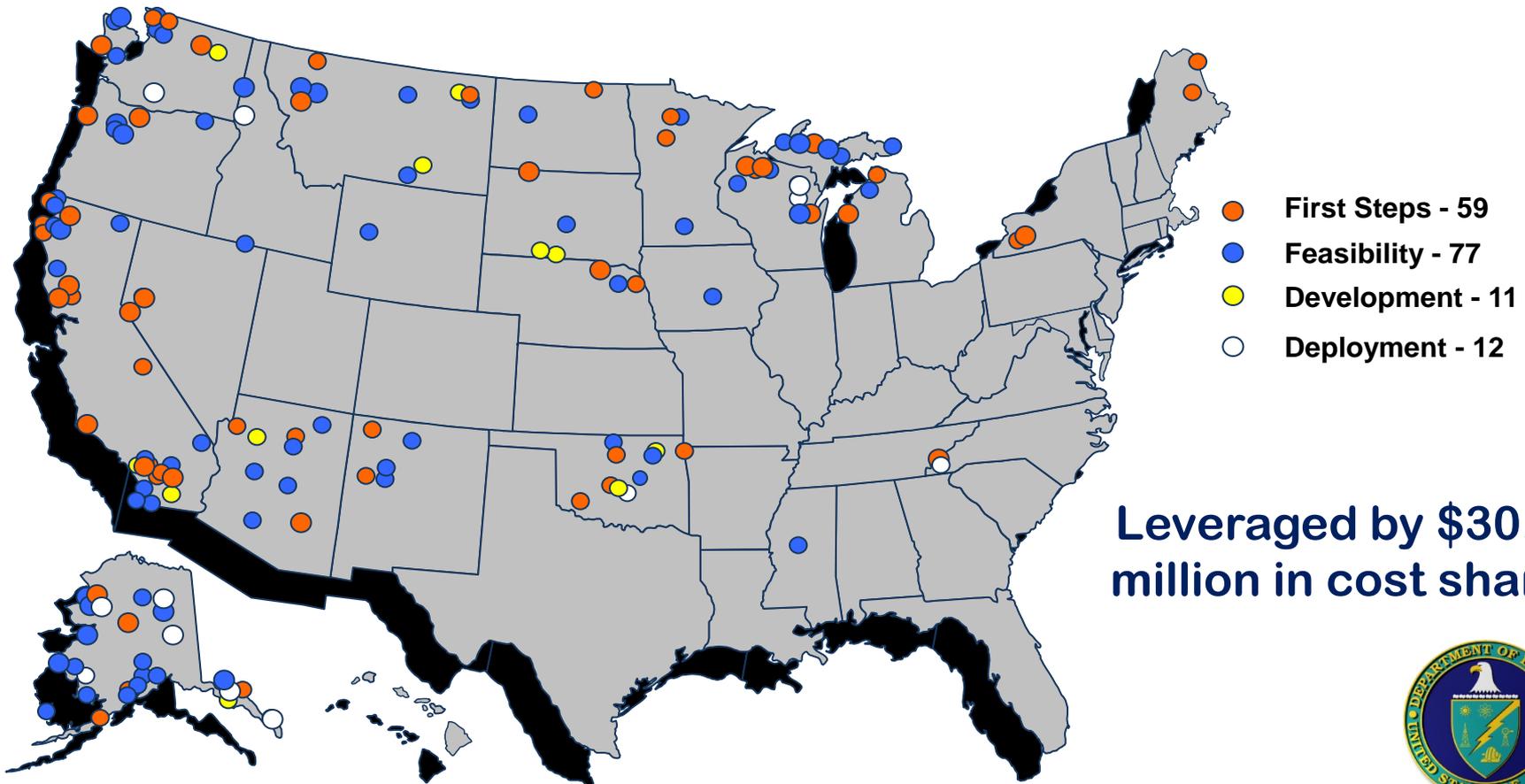
- **First Steps Toward Developing Energy Efficiency and Renewable Energy on Tribal Lands**
 - Strategic energy planning
 - Energy options analysis
 - Energy organization development
 - Human capacity development
- **Energy Efficiency Development and Deployment in Indian Country**
 - Feasibility Studies
 - Installation of energy efficiency improvements
- **Renewable Energy Development and Deployment in Indian Country**
 - Feasibility Studies
 - Development (pre-construction) activities
 - Deployment (construction) activities



Solar arrays on Navajo home



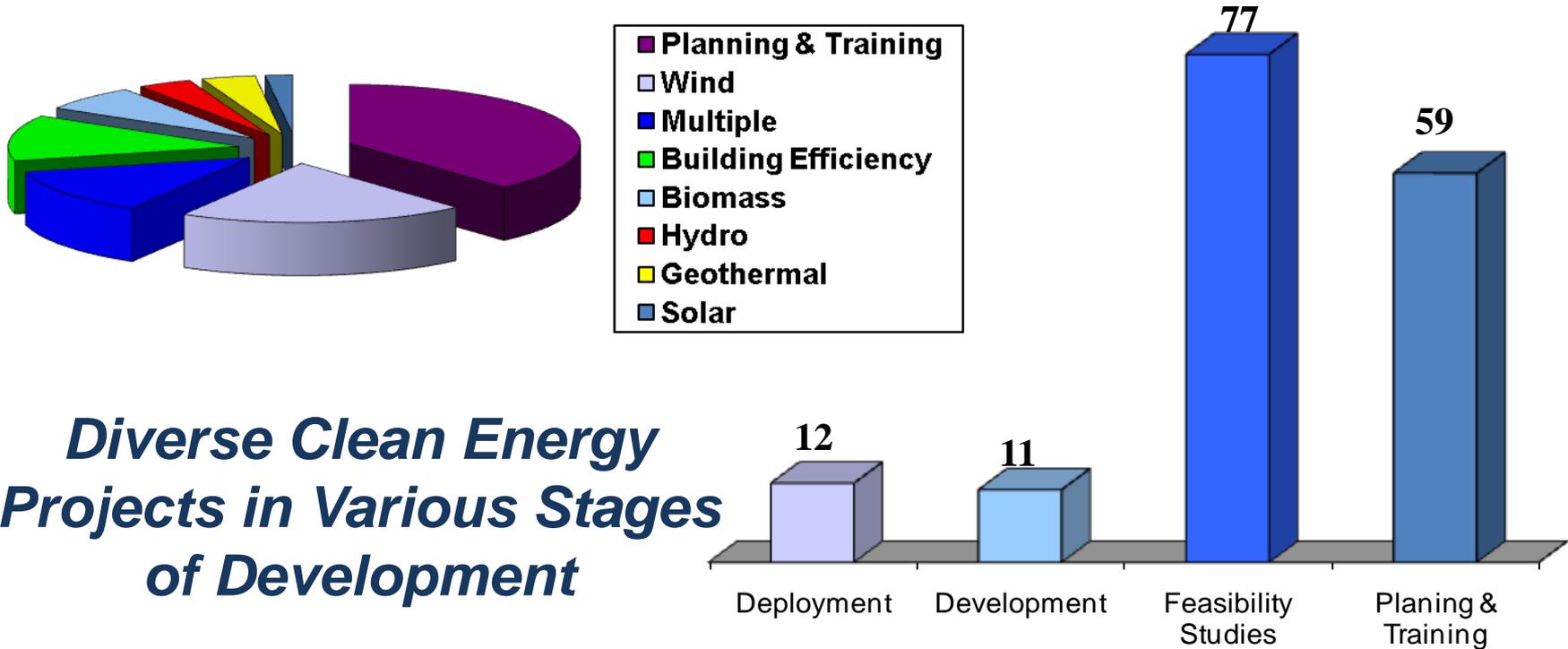
DOE has Funded 159 Tribal Energy Projects Investing \$36 Million (2002-2011)



Leveraged by \$30.9
million in cost share



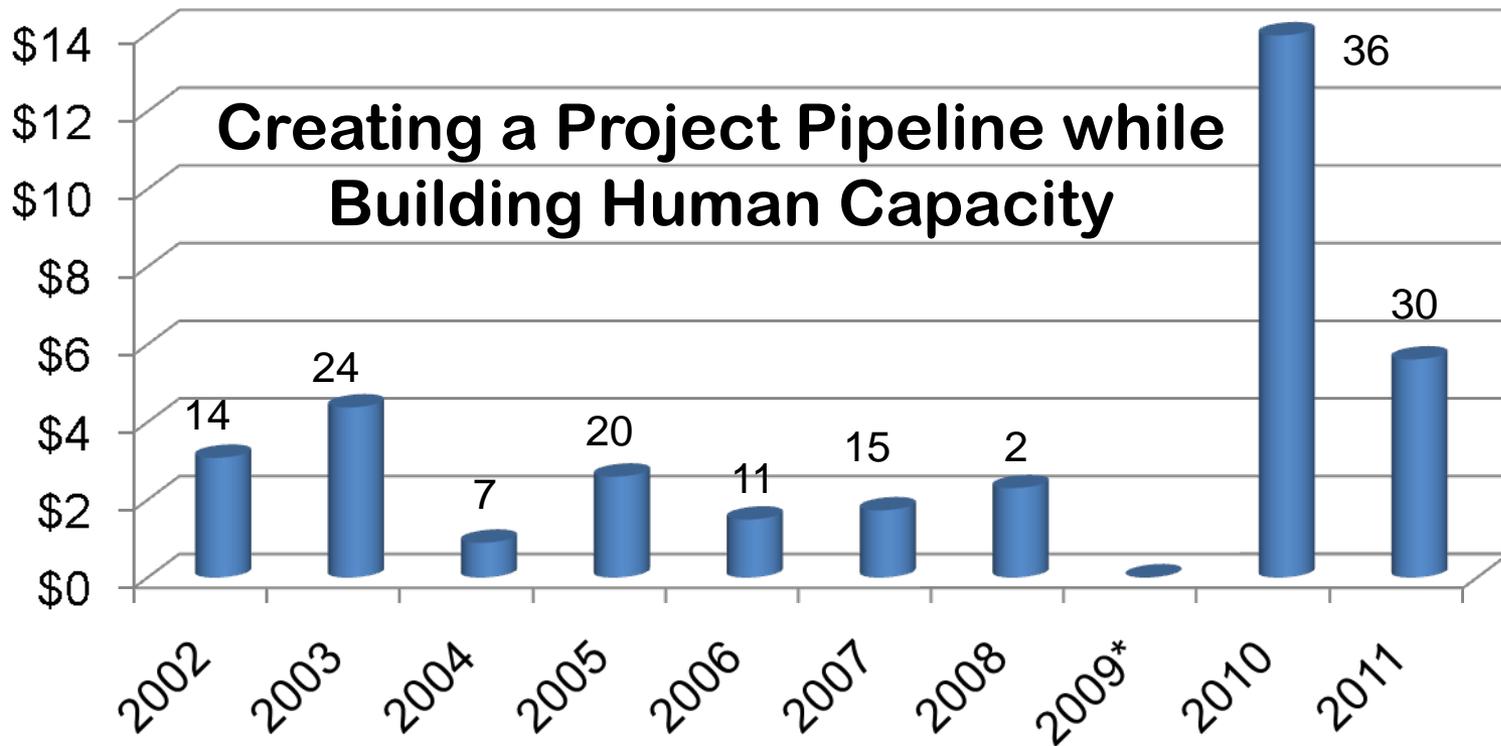
Tribal Energy Project Pipeline



Assisting Tribes Fulfill Their Energy Vision



Project Funding History



* FY2009 funds carried over and used to fund projects awarded in FY2010

Investment in Tribal Energy Sufficiency



DOE's Tribal Energy Program **Three Pronged Approach**

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*Leveraged through
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Partnerships*

**Technical
Assistance**

*Leveraged with Intra-
governmental
Coordination*

**Information &
Education**



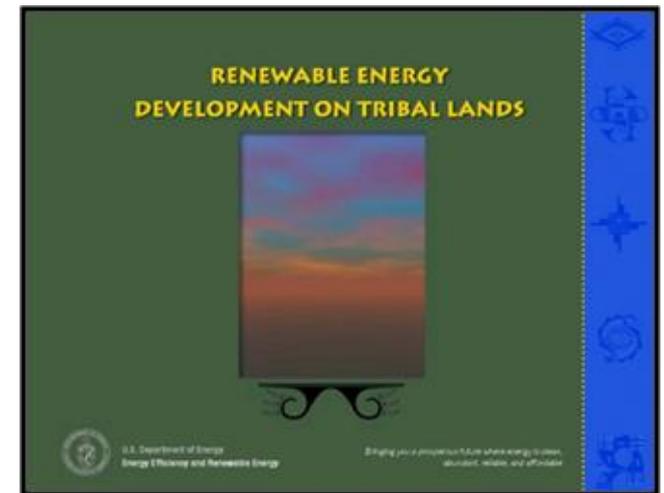
Technical Assistance & Information and Education

• Technical Assistance

- Expert assistance through DOE's National Laboratories (NREL & SNL)
- Pre-feasibility transmission studies through DOE's Power Administrations (WAPA & BPA)

• Information & Education

- Annual Program Review
- National training workshops
- Webinars
- Informational Resources
- Student Internships



Annual Program Review

Unique Tribal Forum for Sharing and Learning

- Forum for Tribes to meet and learn from other Tribes pursuing energy sufficiency through renewable energy and energy efficiency, and share in their successes
- Networking & learning opportunity
- Tribal project presentations – lessons learned.
- Forty to fifty (40-50) tribal energy projects represented
- Typically 200-250 participants



Denver, CO (Nov 14-18, 2011)



Funding Sources



Funding Source Resource

Join the DOE Tribal Energy Email List

Distributes information on funding opportunities through the DOE Tribal Energy Program and those from other agencies, training opportunities, and upcoming events.

Subscribe today at http://apps1.eere.energy.gov/tribalenergy/join_email_list.cfm?subject=Join E-Mail List

Funding Opportunities

- Tribal Energy Program Funding Opportunities
- Federal, State & Utility Funding Opportunities (Grants.gov)
- Federal Funding Available for State, Local, and Tribal Governments

Training Opportunities (Also see the TEP website)

- Workshops
- Webinars
- Internships
- Classroom

Upcoming Events (Also see the TEP website)

- Program Events
- Conferences
- Summits



First 750 kW Turbine on
Tribal Lands in the
Contiguous U.S.

Funding Sources

U.S. Department of Interior Grant Opportunities

For energy and mineral development grant opportunities or for technical assistance provided through DOI's Division of Energy and Mineral Development (DEMD), contact the Division at (303) 969-5270 or write to 12136 West Bayaud Avenue suite 300, Lakewood, CO 80228.

U.S. Department of Agriculture Grant Opportunities

The U.S. Department of Agriculture (USDA) provides [Rural Business Enterprise Grants](#) to public bodies, private nonprofit corporations, and Federally-recognized Indian Tribal groups to finance and facilitate development of small and emerging private business enterprises located in any area other than a city or town that has a population of greater than 50,000 inhabitants and the urbanized area contiguous and adjacent to such a city or town.

USDA provides [Rural Business Opportunity Grants](#) to public body, nonprofit corporation, Indian tribe, or cooperative with members that are primarily rural residents to promote sustainable economic development in rural communities with exceptional needs. This is accomplished by making grants to pay costs of providing economic planning for rural communities, technical assistance for rural businesses, or training for rural entrepreneurs or economic development officials.



Funding Sources

U.S. Department of Commerce Grant Opportunities

The U.S. Department of Commerce's Economic Development Administration (EDA) offers grants for [Comprehensive Economic Development Strategy \(CEDS\) development grants](#). Technical assistance and funding is also available for [economic development](#).

U.S. Environmental Protection Agency Grant Opportunities

For funding opportunities available through EPA, see the American Indian Environmental Office's [Tribal Grants](#) Web page.

U.S. Housing and Urban Development Grant Opportunities

For U.S. Department of Housing and Urban Development (HUD) grants for Indian housing and community development, see [Public and Indian Housing Grants](#).



Funding Sources

Government Grants

- Government Grants <http://grants.gov>
- Federal Grants <https://www.fedconnect.net/>
- Rural Development Grants and Loans <http://www.rurdev.usda.gov/>
- Financial Opportunities for Consumers <http://www1.eere.energy.gov/financing/consumers.html>

Database of Incentives

- Database of State Incentives for Renewables and Efficiency <http://www.dsireusa.org/>

Government Loans and Loan Guarantees

- Rural Development Grants and Loans <http://www.rurdev.usda.gov/>
- Bureau of Indian Affairs (BIA) Loan Guarantees
<http://www.lrboi.com/commerce/docs/BIAloanprogrambrochure.pdf>
- Department of Energy (DOE) Loan Guarantees <http://www.lgprogram.energy.gov/>

Bond Financing

- Clean Renewable Energy Bonds (CREBs) <http://www.crebs.org/>
- Tribal Economic Development Bonds <http://www.indiancountryworks.org/webinars.cfm#financeoptions>



Funding Sources

Other Financing Options

- New Market Tax Credits (NMTC)
http://apps1.eere.energy.gov/tribalenergy/pdfs/course_biz0904_glynn.pdf
- Renewable Energy Credits (RECs)
<http://apps3.eere.energy.gov/greenpower/markets/certificates.shtml?page=0>

Utility RFPS

- Tribal Energy Program Email List
http://apps1.eere.energy.gov/tribalenergy/join_email_list.cfm?subject=Join E-Mail List
- Green Power and Market Research News
<http://ww2.wapa.gov/sites/western/es/pubs/greennews/Pages/default.aspx>

Business Structure and Project Financing in Indian Country

- Tribal Business Development and Project Financing
<http://apps1.eere.energy.gov/tribalenergy/business.cfm>
- Tribal Good Governance http://apps1.eere.energy.gov/tribalenergy/pdfs/course_biz0710_taylor1.pdf
- Overview of Tribal Business Structure Options, Including Joint Ventures
http://apps1.eere.energy.gov/tribalenergy/pdfs/course_biz0904_nilles.pdf
- Legal Structures for Developing Tribal Energy Projects
http://apps1.eere.energy.gov/tribalenergy/pdfs/course_biz0904_maccourt2.pdf



Funding Sources

Tax Incentives

- Database of State Incentives for Renewables and Efficiency <http://www.dsireusa.org/>
- Tax Incentives Assistance Project <http://energytaxincentives.org>
- Consumer Tax Incentives (also see the Database of State Incentives for Renewables and Efficiency) <http://www.energy.gov/additionaltaxbreaks.htm>
- Federal Renewable Electrical Production Tax Credits (PTC) http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US13F&re=1&ee=1
- Business Energy Investment Tax Incentives (ITC) http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US02F&re=1&ee=1
- Grant in Lieu of Investment Tax Credits http://www.dsireusa.org/incentives/incentive.cfm?Incentive_Code=US53F&State=federal&tpageid=1&ee=1&re=1
- Federal Tax Credits for Energy Efficiency http://www.energystar.gov/index.cfm?c=tax_credits.tx_index
- Fuel Efficient Vehicle Tax Incentives [link to <http://www.fueleconomy.gov/feg/taxcenter.shtml>]
- Tax Breaks for Businesses, Utilities, and Government <http://www.energy.gov/additionaltaxbreaks.htm>
- Financial Opportunities for Consumers <http://www1.eere.energy.gov/financing/consumers.html>

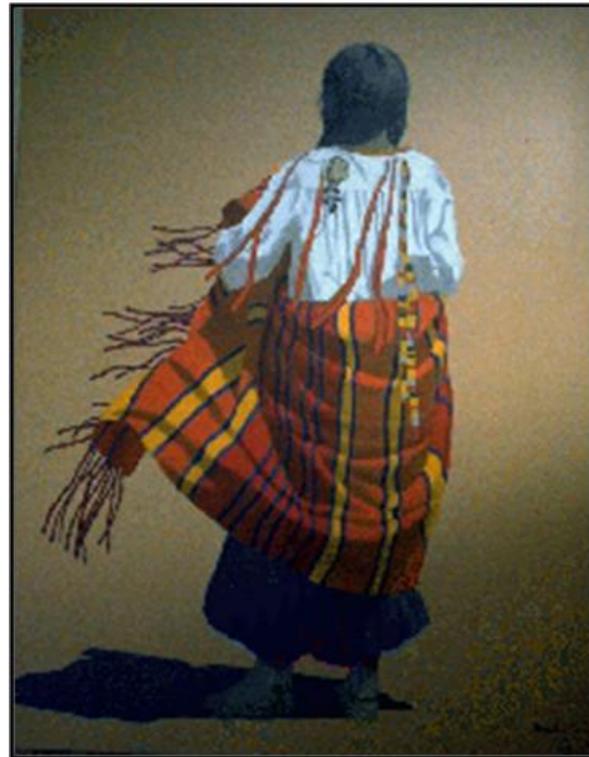


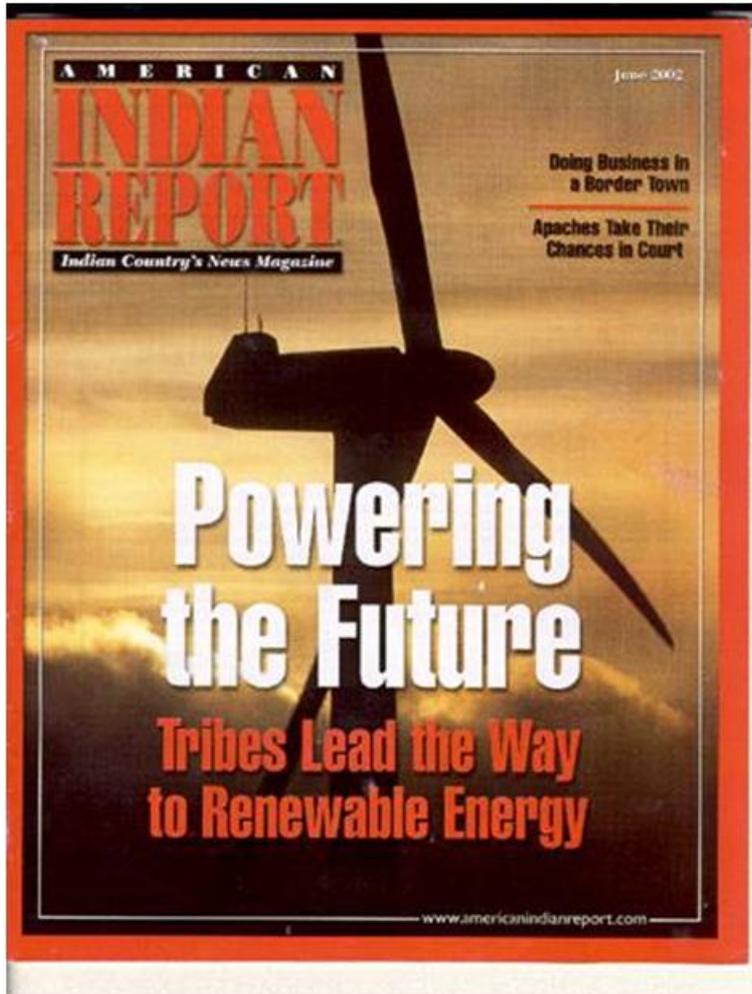
Contact Information

Tribal Energy Program
Department of Energy
Golden Field Office
Telephone: (720) 356-1352 (Main)
Email: tribal@go.doe.gov

To receive periodic email information on funding opportunities, upcoming workshops and training, and other tribal energy information

“Join Our Email” List on-line at
www.eere.energy.gov/tribalenergy





Questions

**“Tribes Lead the
Way to Renewable
Energy”**

**American Indian Report
June 2002**

