Reality of 567 Federally Recognized Tribes

Staggering gaps between Indian Country and the rest of the U.S.

American Indian and Alaska Native households in large tribal areas are more than 3 times as likely to live in overcrowded housing and more than 11 times as likely to live in housing without adequate plumbing.

Poverty and unemployment rates among American Indian and Alaska Natives living in tribal areas in 2006–2010 were at least twice as high as those among non-Indians nationally.

Ready access to electricity is still considered a luxury in many tribal communities ... as many as 15,000 Navajo homes — about 30% — still lack electricity.

More than 175 remote Alaska village populations rely almost exclusively on diesel fuel for electricity generation and heating oil for heat. In some rural Alaska communities, electricity costs exceed $1.00/kilowatt-hour (kWh) — more than 8 times the national average of $0.12/kWh.
Our Mission
To maximize the development and deployment of energy solutions for the benefit of American Indians and Alaska Natives

Our Vision
To be the premier federal office for providing tribal communities and Alaska Native villages with the knowledge, skills and resources needed to implement successful strategic energy solutions
Energy Policy Act Of 2005

Authorizes and directs DOE’s Office of Indian Energy to provide, direct, foster, coordinate, and implement energy planning, education, management, and conservation, including:

- Promote Indian tribal energy development, efficiency, and use
- Reduce or stabilize energy costs
- Enhance and strengthen Indian tribal energy and economic infrastructure relating to natural resource development and electrification
- Bring electrical power and service to Indian land and the homes of tribal members.

Rosebud Sioux’s (SD) Little Soldier Turbine
(First 750-kW turbine on tribal lands in contiguous United States)
Goals and Objectives

DOE Under Secretary for Science and Energy Goal

**Goal 1:** Develop and implement a comprehensive strategy for the Science and Energy programs that recognizes and differentiates the unique values and capabilities of each, and creates new opportunities through their complementarity to develop and transition energy technology solutions.

Indian Energy Strategic Roadmap Goals

1. Promote Indian tribal energy development, efficiency, and use.
2. Reduce or stabilize energy costs.
3. Enhance and strengthen Indian tribal energy and economic infrastructure related to natural resource development and electrification.
4. Bring electrical power and service to Indian land and the homes of tribal members.
5. Support and promote meaningful tribal participation in critical national and global tribal energy initiatives and crosscuts, including the water-energy nexus, grid modernization, and microgrids.
Office of Indian Energy (IE)

Highlights:

• Works with tribes, federal agencies, state governments, nongovernmental organizations, and the private sector to develop the energy solutions for the benefit of tribal communities.
• Provides education, technical and financial assistance, and policy support to tribal energy development and electricity infrastructure.

Assist tribes with energy development and electrification of Indian lands and homes
U.S. Department of Energy
Office of Indian Energy Policy and Programs

Strategic Roadmap 2025

1. Promote Energy Development

2. Reduce or Stabilize Energy Costs

3. Enhance Energy and Economic Infrastructure

4. Foster Electrification

5. Support Energy Initiatives
Big Ideas Supported by IE’s Strategic Roadmap

Deployment*
- Technical Assistance
- Financial Assistance
- Education & Capacity Building
- Inter-Tribal Energy Technical Assistance Providers Network

Strategic Initiatives
- Leveraging Regional Partnerships
- Facilitating Tribal/Private Partnerships for investment
- Cross-cut & Demonstration Projects
- Clean Energy Economy Ecosystem Integration
- Deployment Innovation Initiatives

Policy
- National Tribal Energy Policy Development
- Studies and Analysis of Applied Research
- Providing Analysis of Local Impacts and Opportunities
- Arctic Integration Policy
Organizational Accomplishments: 2015-2017

- Developed Strategic Roadmap 2025.
- Established the Energy Subgroup Committee under the White House Council of Native American Affairs.
- Developed Indian Country Energy and Infrastructure Working Group’s policy priorities for tribal energy development.

- Solicited and awarded four funding opportunities totaling $20 million to approximately 40 recipients.
- Established Inter-Tribal Technical Assistance Providers Network
- Developed the Arctic Integration Plan.

- Organized and executed the National Tribal Energy Summit 2015
- Established Memorandum of Understanding with the Department of the Interior to facilitate cross-agency collaboration
- Supported the White House Tribal Nations Conference
- Facilitated a national discussion on STEM & Workforce Dev.
Intra-Agency Coordination and Crosscut Teams
### Office of Indian Energy: FY 2017 Budget Request

**Dollars in Thousands**

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td><strong>Office of Indian Energy Policy and Programs</strong></td>
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<tr>
<td>Program Direction</td>
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<td>1,271</td>
<td>3,200</td>
<td>4,800</td>
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<td>Technical Assistance</td>
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<td>3,739</td>
<td>2,900</td>
<td>6,000</td>
<td>+3,100</td>
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<td>Tribal Energy Grant Program</td>
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<td>10,990</td>
<td>9,900</td>
<td>12,130</td>
<td>+2,230</td>
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<td><strong>Total, Office of Indian Energy Policy and Programs</strong></td>
<td>16,000</td>
<td>16,000</td>
<td>16,000</td>
<td>22,930</td>
<td>+6,930</td>
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<td>Federal FTEs</td>
<td>7</td>
<td>7</td>
<td>9</td>
<td>15</td>
<td>+6</td>
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- Funds **Direct Technical Assistance** ($6 million) to meet the demand that has doubled since 2013.
- Funds **Financial Assistance** ($12 million) in the form of grants for deployment of innovative energy systems and technologies; the efficient delivery of technical assistance through the Intertribal Technical Assistance Networks; and DOE Grid Modernization and Energy-Water Nexus Crosscuts.
- Provides **6 more FTEs within Program Direction** ($4.8 million) that are critical to carry out the programs, especially in the remote communities in Alaska and the Arctic.
DOE has invested **$66.5 million** in **217** tribal clean energy projects valued at **more than $126 million** (2002–2016). DOE’s investments were leveraged by **$59.7 million** in tribal cost-share. Tangible results of those shared investments include:

- Retrofitting **70 tribal buildings** saving tribes more than **10 million kilowatt-hours** of energy and **$2.5 million** per year
- Completing energy audits on more than **250** tribal buildings
- Moving more than **580 MW** of potential new renewable energy generation into development
- Supporting tribes and Alaska Native villages in assessing the potential for more than **4 gigawatts** of new renewable energy generation
- Providing training to more than **170** tribal project participants
### 2016 Deployment Awards ($7.7 million)

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Location</th>
<th>Award Amount</th>
<th>Awardee Amount</th>
<th>Total Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Akwesasne Housing Authority, Hogansburg, NY</td>
<td>DOE: $1,000,000</td>
<td>Awardee: $1,219,289</td>
<td>Total: $2,219,289</td>
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<tr>
<td>Alaska Native Tribal Health Consortium (ANTHC), Kotlik, Akutan, and Noorvik, AK</td>
<td>DOE: $462,373</td>
<td>Awardee: $217,499</td>
<td>Total: $679,872</td>
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<tr>
<td>Alaska Village Electric Cooperative, Inc./Pitka’s Point Native Corporation Renewable Energy Joint Venture, St. Mary’s and Pitka’s Point, AK</td>
<td>DOE: $799,001</td>
<td>Awardee: $4,886,000</td>
<td>Total: $5,685,001</td>
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<tr>
<td>Bishop Paiute Tribe, Bishop, CA</td>
<td>DOE: $341,635</td>
<td>Awardee: $342,000</td>
<td>Total: $683,635</td>
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<td>Chippewa Cree Tribe, Box Elder, MT</td>
<td>DOE: $63,435</td>
<td>Awardee: $63,335</td>
<td>Total: $126,770</td>
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<td>Hughes Village Council, Hughes, AK</td>
<td>DOE: $623,900</td>
<td>Awardee: $127,737</td>
<td>Total: $751,637</td>
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<td>NANA Regional Corporation, Kotzebue, AK</td>
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<td>Awardee: $1,009,724</td>
<td>Total: $2,009,724</td>
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<td>Northern Pueblos Housing Authority, Santa Fe, NM</td>
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<td>Awardee: $1,221,000</td>
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<tr>
<td>San Pasqual Band of Mission Indians, Valley Center, CA</td>
<td>DOE: $500,000</td>
<td>Awardee: $1,541,130</td>
<td>Total: $2,041,130</td>
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<td>Soboba Band of Luiseno Indians, San Jacinto, CA</td>
<td>DOE: $1,000,000</td>
<td>Awardee: $1,153,925</td>
<td>Total: $2,153,925</td>
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<tr>
<td>Sokokan Chipewa Community, Ogemaw, MI</td>
<td>DOE: $149,018</td>
<td>Awardee: $149,020</td>
<td>Total: $298,038</td>
<td></td>
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</table>
DOE Order 144.1: Department of Energy’s American Indian Tribal Government Interactions and Policy

• Communicates Departmental, programmatic, and field responsibilities for interacting with American Indian Governments and transmit the DOE’s American Indian & Alaska Native Tribal Government Policy, including its guiding principles, and transmits the Framework for Implementation of the Policy.

• [https://www.directives.doe.gov](https://www.directives.doe.gov)
DOE Order 144.1 – Policy Principles

1. Recognizing the Federal Trust Responsibilities
2. Government to Government Relationship
3. Outreach Mechanisms, Consultation, and Tribal Integration
4. Cultural Resource Protection & Compliance
5. Coordinated Departments Efforts on Program Resources
6. Conduct Periodic Tribal Leader Summits
7. Working with Other Fed. & State Agencies on Related Matters
DOE Tribal Equities

Office of Indian Energy

State Tribal Government WG

Indian Country Energy & Infras. WG

Nuclear Tribal Energy WG

DOE Order 144.1

National Tribal Energy Conference

Tribal Energy Steering Committee
DOE Tribal Working Groups

State Tribal Government Working Group

Nuclear Energy Tribal Working Group

Indian Country Energy & Infrastructure Working Group
Indian Country Energy and Infrastructure Working Group
Indian Country Energy and Infrastructure Working Group

FY 2016 ICEIWG Priorities
1. Increase Access to Capital
2. Secure Energy Costs and Reliability
3. Improve and Modernize Regulatory System and Agency Nexus
4. Capacity Development
National Tribal Energy Summit

- The bi-annual summit focuses on energy policy priorities important to American Indian tribes and brings together representatives from tribal and state governments, federal agencies, tribal corporations, private industry, utilities, and academia to explore energy development and security issues identified by tribes and the U.S. Department of Energy’s (DOE’s) Indian Country Energy and Infrastructure Working Group.

The next Summit is scheduled for May 1-3 2017, Washington, D.C.
Joint Memorandum of Understanding

Chaired by the Secretary of the Interior, WHCNAAN membership consists of heads of federal Departments, Agencies, and Offices, with an Executive Director and inter-agency staff carrying forward WHCNAAN priorities. The priorities revolve, generally, around promoting tribal self-determination and tribal self-governance. Additionally, six WHCNAAN subgroups have been created to coordinate inter-agency issues.
Thank You!

Christopher Clark Deschene
Director
Office of Indian Energy Policy & Programs
Department of Energy
(202) 586-1272

Website: www.energy.gov/indianenergy
Email: IndianEnergy@hq.doe.gov