Mission

Provide the best possible **technical** and **economic** advice and services in assisting Indian mineral owners to achieve economic self-sufficiency by creating **sustainable economies** through the **environmentally sound** development of their energy and mineral resources.
DEMDC Responsibilities

- Provide technical, engineering and economic advice to Indian landowners seeking to manage and develop their energy and mineral resources
- Generate effective energy and mineral development strategies
- Assist Indian mineral owners during energy and mineral negotiations
- Provide technical data and interpretations for exploration and development of resources
- Manage and maintain existing Indian energy and mineral data

RESULT:
Jobs and Income
IEED Business Model

In-House Technical Support

Resource Development
- Opportunity Assessment
- Feasibility Studies
- Project Concept
- Detailed Project Development
- Partner Development and Negotiate Contracts
- Financing
- Project Commissioning

Business Development
- Community Planning & Capacity Building

EMDP & TEDC Grant

Sustainable Economic Development
Tribal Economic Development through Renewable Energy Development

Primary reasons behind a Tribe’s desire to develop renewable energy projects included one or more of the following topics:

• Sovereignty
• Energy Independence, Security, and Diversification
• Environmental Benefits and Sustainability
• Economic Impact
• Dissatisfaction with the current electricity supplier

One project often cannot address all of these topics – so must either assess resource opportunities and match to goals, or prioritize goals and assess resource opportunities that align with top goal(s).

“If you don’t know where you are going, you’ll end up someplace else.” - Yogi Berra
Energy Development Strategies

Local resources → Local energy → Local economic impact
Renewable Energy Resources

Secondary (Waste) Products for Local Energy

**Biomass Wastes**
- Food wastes
- Saw mill waste
- Forest waste
- Municipal solid waste
- Crop waste
- Animal waste
- Waste water treatment plants
- Any other waste from nearby industry, including heat waste

**Cogeneration**
- Utilize both heat and power
- Increased system efficiency
- Greater rate of return on investment

**Natural Gas:**
- Gas from nearby pipeline
- Heat from nearby compressor station
Energy and Mineral Development Program (EMDP):

• Provides financial assistance and in-house technical support to Tribes for performing data collection and investigations of their energy and mineral potential.

• An annual program using a competitive evaluation process to select proposed projects from tribes.

• Tribes use this information to
  • plan where they want development to occur;
  • promote their lands to industry partners;
  • negotiate the best economically beneficial agreement with partners;
  • develop the resource themselves
2014 EMDP Grant Awards

- DEMD received a total of 79 proposals from tribes totaling just over $28 million
- Over $9.46 million was awarded to 45 tribal projects for the 2014 EMDP grant year

Funded Project by Commodity

<table>
<thead>
<tr>
<th>COMMODITY</th>
<th>NUMBER</th>
<th>AMOUNT</th>
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<tbody>
<tr>
<td>Renewable Energy</td>
<td>17 projects</td>
<td>$2,059,413</td>
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<tr>
<td>Conventional Energy (Oil &amp; Gas, Geothermal)</td>
<td>10 projects</td>
<td>$2,504,883</td>
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<tr>
<td>Mineral</td>
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<td>$1,996,000</td>
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<td>Navajo Coal</td>
<td>1 project</td>
<td>$1,000,000</td>
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<tr>
<td>Hydro Projects</td>
<td>4 projects</td>
<td>$1,900,000</td>
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Purpose: to develop tribal managerial, organizational and technical capacity needed to maximize the economic impact of energy resource development on Indian land

Provides financial assistance for tribes to:

1. Establish business entity structures and/or organizational structures related to energy resource development; and/or

2. Develop or enhance key regulatory activities
TEDC Grant FY 2013 Funding

• 31 TEDC grant applications from tribes located in all 12 BIA Regions
• Amount requested: $3,062,180.37
• 9 tribes funded
• Amount funded: $738,039.51
## Contact Us!

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
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</thead>
<tbody>
<tr>
<td>Stephen Manydeeds</td>
<td>720-407-0600</td>
<td><a href="mailto:stephen.manydeeds@bia.gov">stephen.manydeeds@bia.gov</a></td>
</tr>
<tr>
<td>Division Chief</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Winter Jojola-Talburt</td>
<td>720-407-0668</td>
<td><a href="mailto:winter.jojola-talburt@bia.gov">winter.jojola-talburt@bia.gov</a></td>
</tr>
<tr>
<td>Renewable Energy</td>
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<tr>
<td>Dennis Bodenchuk</td>
<td>720-407-0603</td>
<td><a href="mailto:dennis.bodenchuk@bia.gov">dennis.bodenchuk@bia.gov</a></td>
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<td>Minerals</td>
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Assistant Secretary – Indian Affairs  
**Division of Energy and Mineral Development**

Website: [http://www.bia.gov/WhoWeAre/AS-IA/IEED/DEMD/](http://www.bia.gov/WhoWeAre/AS-IA/IEED/DEMD/)