



Division of Energy & Mineral Development

RENEWABLE ENERGY

LOCAL RESOURCES → LOCAL ENERGY → LOCAL ECONOMIC IMPACT

How can the development of small scale, community focused energy projects positively impact your tribal communities?

DEVELOPMENT OF SMALL SCALE ENERGY PROJECTS CAN STRENGTHEN THE LOCAL ECONOMY THROUGH:

- *Energy cost reduction*
- *Revenue generation*
- *Creation of new jobs*
- *Development of new local businesses*

THESE PROJECTS CAN ALSO CONTRIBUTE TO:

- *Strengthening electrical infrastructure*
- *Climate preparedness – local power source to support community resiliency during and after natural disasters*
- *Tribal sovereignty*

Resource Potential:

LOCAL USE & RESERVATION-WIDE ECONOMIC DEVELOPMENT

Biomass:

The conversion of biomass materials into heat and/or electricity.

- Reliability of local material to create base load power
- Heat for on reservation use
- Power for on reservation use or sold to off-taker
- Good fit for: Permanent job creation goals

Hydroelectric:

The conversion of the natural flow of water into electricity.

- Reliability of local water resource to create base load power
- Power for on reservation use or sold to off-taker
- Good fit for: Revenue generation

Wind:

The conversion of the natural flow of air into electricity.

- Intermittent resource, does not produce constant sustained electricity
- Power for on reservation use or sold to off-taker
- Good fit for: Revenue generation

Solar:

The conversion of solar energy into electricity.

- Intermittent resource, does not produce constant sustained electricity
- Power for on reservation use or sold to off-taker
- Commercially mature industry
- Good fit for: Revenue generation and cost savings

Geothermal:

The conversion of the Earth's natural heat into electricity, or utilization of the heat for commercial application.

- Heat for on reservation use
- Power for on reservation use or sold to off-taker
- Good fit for: Long Term Cost Savings

Natural Gas:

An essential backup resource for many renewable energy projects

- Transitional fuel to reduce coal dependency
- Power for on reservation use or sold to off-taker
- Good fit for: Back up power

Building Tribal Capacity:

MAXIMIZE THE BENEFITS OF COMMUNITY ENERGY DEVELOPMENT

ENERGY DEVELOPMENT CAPACITY CONSIDERATIONS

Developing legal infrastructure for business formation
Establishing tribally chartered corporations under tribal corporation codes
Establishing tribal business charters under federal law (IRA Section 17 corporation)
Workforce training
Developing permitting regulations
Developing land leasing regulations enacted pursuant to the HEARTH Act
Adopting secured transaction codes
Community development planning

If done effectively, establishing the proper business environment can help tribes along their desired path to economic success through energy development and beyond.

How to Get Started:

CONTACT DEMD BY PHONE OR EMAIL TO:

1. Evaluate and confirm your energy resources
2. Conduct feasibility studies
3. Identify business development opportunities

In addition to these initial steps, DEMD will work closely with tribes on financial analysis, marketing, identifying potential partners, negotiating, accessing capital, and more.

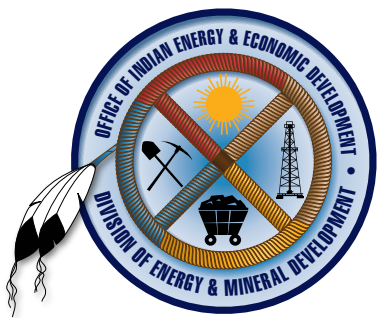
COMMUNITY PLANNING & CAPACITY BUILDING

Resource Development



Business Development

SUSTAINABLE ECONOMIC DEVELOPMENT



Division of Energy & Mineral Development

RENEWABLE ENERGY TEAM

About us:

The Division of Energy and Mineral Development provides the best technical and economic advice and services to assist Indian mineral and land owners in gaining economic self-sufficiency by creating sustainable economies through the environmentally sound development of their energy and mineral resources.

The Division is committed to identify tribal needs and how they best fit with their long term energy visions. Small and community scale energy projects have the ability to provide many benefits to the local tribal economies. DEMD has an experienced staff of engineers, geologists, geophysicists, and business development specialists poised to help tribes along the path to sustainable economic development.

We are uniquely poised to offer energy and mineral solutions that no other government agency can provide - on the reservation, where it counts.

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