



# 2016 Webinar Series: Tribal Energy and Economic Development

The U.S. Department of Energy (DOE) Office of Indian Energy Policy and Programs and the Western Area Power Administration are pleased to co-sponsor the 2016 Tribal Clean Energy Webinar Series. The 11 webinars in the series will provide information to tribal leaders and staff on strategic energy planning, power marketing, clean energy, and how to enhance the local economy and move toward energy independence.

Presented by:

DOE Office of Indian Energy Policy  
and Programs

Western Area Power Administration

Each webinar will provide attendees with (1) tools and resources available to develop and implement tribal energy plans, programs, and projects; (2) tribal case histories related to the webinar topics; and (3) strategies on how tribes can use the information to strengthen their local economy, save energy, and achieve greater self-determination and energy independence.

## How to Register

Webinars are held from 11 a.m. to 12:30 p.m. Mountain Time. There is no charge to attend, but registration is required. Attendees need to have Internet access, computer compatibility with GoToMeeting software, and a phone line. Find additional information and register for the webinars at [www.energy.gov/indianenergy/webinars](http://www.energy.gov/indianenergy/webinars).

## Webinars-at-a-Glance

| Date           | Topic                                                                                   |
|----------------|-----------------------------------------------------------------------------------------|
| Jan. 27, 2016  | <a href="#">Energy Planning for Tribal Economic Development</a>                         |
| Feb. 24, 2016  | <a href="#">Exploring Your Energy Markets</a>                                           |
| March 30, 2016 | <a href="#">Transmission and Grid Basics for Tribal Economic and Energy Development</a> |
| April 27, 2016 | <a href="#">Understanding the Energy Policy and Regulatory Environment</a>              |
| May 25, 2016   | <a href="#">Tribal Business Structures for Financing Projects</a>                       |
| June 29, 2016  | <a href="#">The Lifecycle of Tribal Clean Energy</a>                                    |
| July 27, 2016  | <a href="#">Project Development for Long-Term Tribal Energy</a>                         |
| Aug. 31, 2016  | <a href="#">Project Regulatory Considerations</a>                                       |
| Sep. 28, 2016  | <a href="#">Strategic Partnerships for Clean Energy and Economic Development</a>        |
| Oct. 26, 2016  | <a href="#">Accessing Capital for Tribal Energy and Economic Development</a>            |
| Nov. 30, 2016  | <a href="#">Energy and Economic Success Studies</a>                                     |



## What You Will Learn

**Jan. 27, 2016**

### **Energy Planning for Tribal Economic Development**

Tribal governments and communities across the United States have recognized a responsibility to develop and implement a plan for their own energy future. Learn about tools and resources to establish a clean, diverse, and affordable energy plan based on energy efficiency and wise use of renewable resources, with maximum local control and ownership of energy issues. A well thought out plan recognizes the challenges and opportunities to meeting current and future energy needs in an economically, socially, and environmentally sustainable fashion. Join us to learn more about developing a plan for your community. [Register for this webinar](#).

**Feb. 24, 2016**

### **Exploring Your Energy Markets**

According to SelectUSA<sup>1</sup>, the energy industry is the third largest industry in the United States and is expected to have an investment of more than \$700 billion over the next two decades. Tribes can play a role in owning a significant portion of this investment. Learn about the various kinds of energy markets and wholesale price drivers, and how to put energy deals together. [Register for this webinar](#).

**March 30, 2016**

### **Transmission and Grid Basics for Tribal Economic and Energy Development**

According to DOE, the U.S. electric energy industry comprises more than 7,000 power plants representing 1,151,812 megawatts (MW) of generation connected to more than 360,000 miles of high-voltage transmission lines. The transmission systems are generally administered on a regional basis by a regional transmission organization or an independent system operator to ensure maximum efficiencies, competition, and overall grid stability and reliability. There are also unorganized markets, such as in the Western United States. Attendees will gain knowledge on transmission markets, management, and ownership structures; interconnection request processes and timelines; transmission planning and operations; and fundamentals of the grid. [Register for this webinar](#).

**April 27, 2016**

### **Understanding the Energy Policy and Regulatory Environment**

Federal and state governments play an important role in developing and regulating different sources of energy. In the United States, energy policy and conservation are primarily governed by federal statutes. They are supplemented by state law in cases where federal law does not address the issue. In addition, the states have their own, and often disparate, policies, rules, and regulations concerning exploitation, development, and use of energy resources within the boundaries of their jurisdiction. Understanding federal and state regulations and policies can help tribes develop projects

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<sup>1</sup> SelectUSA is housed within the U.S. Department of Commerce, which maintains a network of personnel throughout the United States and in nearly 80 countries, and is led by an Executive Director, appointed by the Secretary of Commerce (<http://selectusa.commerce.gov/>).



more efficiently and meet state/federal regulations when applicable. Tribes can also use their knowledge of state and federal policies to create their own regulations and targets. Learn about federal, regional, and state policies and regulations as they pertain to energy development and how tribal and inter-tribal policies, including community aggregation, can be implemented to ensure a sustainable energy future. [Register for this webinar.](#)

**May 25, 2016**

### **Tribal Business Structures for Financing Projects**

There are six different structures available to tribes to diversify their economic portfolios by creating business structures for their energy businesses. No single structure will work for every tribe, or even every tribally owned business. Learn about each of these business structures, their advantages, disadvantages, and examples, as well as how to select the best structure to fit your tribe's goals and existing codes and laws. [Register for this webinar.](#)

**June 29, 2016**

### **The Lifecycle of Tribal Clean Energy**

According to DOE's National Renewable Energy Laboratory, most of the hundreds of lifecycle assessments published on electricity generation technologies over the last 30 years only assemble lifecycle inventories, quantifying the emissions to the environment or the use of resources rather than reporting effects on environmental quality. Learn about a standardized technique applied to lifecycle assessments that tracks all material, energy, and pollutant flows of a system—from raw material extraction, manufacturing, transport, and construction to operation and end-of-life disposal. With this technique, tribes can determine environmental burdens from cradle to grave and facilitate standard comparisons of different energy technologies. [Register for this webinar.](#)

**July 27, 2016**

### **Project Development for Long-Term Tribal Energy**

Get details about the DOE Office of Indian Energy's five-step process for developing renewable energy projects on tribal lands and how they are important to the success of any energy project. The webinar will cover how to determine project savings and production potential estimates, define project options, refine the project, implement the project, and plan for operations and maintenance. [Register for this webinar.](#)

**Aug. 31, 2016**

### **Project Regulatory Considerations**

Learn about the many permitting and project regulatory issues that need to be addressed when developing energy projects. Considerations include the Helping Expedite and Advance Responsible Tribal Home Ownership (HEARTH) Act, land use, noise, birds, and other biological resources; visual impact; soil erosion and water quality; public health and safety; cultural and paleontological resources; solid and hazardous wastes; air quality; and climate. [Register for this webinar.](#)



**Sept. 28, 2016**

### **Strategic Partnerships for Clean Energy and Economic Development**

Tribes can form strategic partnerships to develop renewable energy projects in their communities. Learn how partnerships can help align economic development and clean energy development strategies and policies, leverage resources, reduce or remove policy and program barriers and silos, and identify the emerging opportunities and challenges clean energy industries face in the near and long term. [Register for this webinar.](#)

**Oct. 26, 2016**

### **Accessing Capital for Tribal Energy and Economic Development**

Understand available financing mechanisms that can be used to make energy efficiency and renewable energy projects economically feasible, including utility community solar models, third-party vendors, green bonds, energy savings performance contracts, and utility energy service contracts. These mechanisms can enable tribes to develop projects with limited-to-no up-front capital costs, minimizing the need to include project costs in budgets or request Congressional appropriations. Topics include details of financing renewable projects, use of federal and state incentives, and local resources and partnerships that can help develop creative project financing terms and structures. The webinar will also describe information on tax credits and incentives available via DOE's Database for State Incentives for Renewable Energy and Energy Efficiency. [Register for this webinar.](#)

**Nov. 30, 2016**

### **Energy and Economic Success Studies**

The DOE Office of Indian Energy co-funded a variety of energy-related projects on tribal lands that can sustain long-term economic growth. Through these projects, tribes have built the institutional capacity to manage their energy needs, assessed the feasibility of energy efficiency and renewable energy installations, and demonstrated the viability of clean energy on tribal lands. Learn about successful projects that contributed to over 320 buildings being audited or retrofitted, moved more than 580 MW of renewable energy projects toward development, assessed the potential for more than 4,000 MW of renewable energy generation, and trained more than 170 tribal members on energy topics. [Register for this webinar.](#)

