



# THE PATH TO TRANSFORMING KNOWLEDGE INTO ENERGY PROJECTS

## DOE Tribal Renewable Energy Webinar Series 2015

The U.S. Department of Energy (DOE) Office of Indian Energy Policy and Programs, in partnership with the Western Area Power Administration (Western), is pleased to continue its sponsorship of the DOE Tribal Renewable Energy Webinar Series for 2015.

The webinar series is part of DOE’s coordinated efforts to provide education and capacity-building for Tribes and tribal energy resource development organizations. The webinars expand on previous webinars and draw on the existing online training materials available to assist Tribes interested in deploying renewable energy projects.

**Presented by:**

DOE Office of Indian Energy Policy and Programs

Western Area Power Administration

### Why You Should Attend

- Find ways to promote tribal energy sufficiency, stabilize energy costs, enhance energy security, and strengthen tribal energy infrastructure.
- Foster tribal self-determination, economic development, and employment using renewable energy and energy efficiency technologies.

### Webinars-at-a-Glance

Webinars are held from 11 a.m. to 12:30 p.m. Mountain Time. There is no charge to attend, but registration is required. Webinars are also recorded and made available on the [wapa.gov](http://wapa.gov) website. Register for the webinars at <http://energy.gov/indianenergy/webinars>.



PV panels installed on Grand Ronde Tribal Housing Authority carport. Photo from Grand Ronde Tribal Housing Authority, NREL 31794

Date	Topic
January 28, 2015	Best Practices in Developing a Tribal Strategic Energy Plan
February 25, 2015	Models for Tribal Energy Development Organizations
March 25, 2015	Tribal Energy Development Operation and Management Best Practices
April 29, 2015	Innovative Energy Efficiency, Renewable Energy, and Grid Technology Update
May 27, 2015	Models and Tools for Evaluating Energy Efficiency and Renewable Energy Project Opportunities
June 24, 2015	Regulatory Impacts on Indian Lands
July 29, 2015	Best Practices for Developing and Implementing a Request for Proposal
August 26, 2015	Successful Tribal Renewable Energy Projects
September 30, 2015	Effective Ways for Tribal Governments to Work with Utilities
October 28, 2015	Advanced Financing Models
November 18, 2015	Putting it All Together





## Who Should Attend

The webinars are targeted to tribal leaders, executives, and staff who are interested in developing facility- or community-scale renewable energy projects. Utility and industry staff and other stakeholders will also gain perspective from the webinars.

## How to Register

There is no charge to participate in the webinars, but registration is required. To register, go to the DOE Office of Indian Energy webinars page at <http://energy.gov/indianenergy/webinars>, and click on the webinars you want to attend. After registering, you will receive an email confirmation that is unique to you and includes the Internet address, phone number, and passcodes to participate.

## What You Will Learn

**January 28, 2015**

### Best Practices in Developing a Tribal Strategic Energy Plan

A strategic energy plan is the most effective first step in developing projects that conserve energy, generate clean renewable energy, and create efficient and environmentally friendly buildings and other energy-related community or business projects. Learn from experts who have overcome typical barriers and used community participation to gain support and ownership.

**February 25, 2015**

### Models for Tribal Energy Development Organizations

Although energy projects can be accomplished outside the construct of a formal organization, Tribes are recognizing the benefits of developing new organizations to support energy project development. One high-level benefit is the ability to effectively and comprehensively manage and implement projects that significantly contribute to community economic development. Learn about available business models such as the Section 17 corporation and the tribal utility. Also, get tips on how to determine which is the optimal model for establishing strategic partnerships with private industry to support tribal goals of energy self-sufficiency and self-determination.

**March 25, 2015**

### Tribal Energy Development Operation and Management Best Practices

Hear from Tribes that have explored, developed, and implemented new energy development organizations. Learn how the organizations have helped hone and revise strategic energy plans, foster and grow management capabilities, create cloud services to store historical data and ensure that succeeding councils have access to key information, and serve as a resource for tribal leaders. In addition to discussing the challenges of developing a tribal strategic energy plan, presenters will share tips for overcoming those challenges, best practices in strategic energy planning, and ideas for using public participation techniques in plan development and implementation.

**April 29, 2015**

### Innovative Energy Efficiency, Renewable Energy, and Grid Technology Update

The landscape of energy development is dynamic. Catch up on the latest developments in biomass, geothermal, low-head hydro,

solar, and wind. Explore each technology's unique characteristics, find out how they are competing in the marketplace, and understand how to use them separately or in combination to realize the greatest benefit to the tribal community. Topics covered also include microgrids, energy storage, distributed energy generation, utility-scale technologies, emerging transmission developments, and plug-and-play renewable technologies.

**May 27, 2015**

### Models and Tools for Evaluating Energy Efficiency and Renewable Energy Project Opportunities

Learn about the models and tools developed by DOE and its partners to assist Tribes in assessing renewable energy and energy efficiency project potential. Presenters will explore the use of publicly available energy data and maps, analysis tools, software, and calculators in developing tribal energy projects.

**June 24, 2015**

### Regulatory Impacts on Indian Lands

Learn how Tribes play an increasing and critical role in regulating activities on Indian lands. Presenters will describe the latest developments surrounding the Homeless Emergency Assistance and Rapid Transition to Housing (HEARTH) Act and discuss how it can help tribal communities create a bright future by supporting tribal self-determination, encouraging economic growth, and promoting community development in Indian Country.

**July 29, 2015**

### Best Practices for Developing and Implementing a Request for Proposal

A request for proposal (RFP) is a useful tool for procuring valuable tribal assets such as renewable energy projects or energy efficient homes and businesses. Learn how to develop RFPs that effectively reflect the tribal strategic plan and encourage qualified bidders to respond. In addition, get tips for ensuring that your RFP gets wide distribution and response and learn how responses are judged using structured evaluation and selection procedures.

**August 26, 2015**

### Successful Tribal Renewable Energy Projects

In the past two years there have been many successful facility-, community-, and utility-scale renewable energy projects in Indian Country. Learn how Tribes have been able to identify, qualify, and develop these projects, which cover the gamut of

renewable energy technologies. Speakers will explore the keys to successful project implementation, including strategic planning, financing, overcoming barriers, reducing risks, and producing measurable results.

**September 30, 2015**

### **Effective Ways for Tribal Governments to Work with Utilities**

Tribal utility formation is a growing trend, and while it can offer significant benefits to Tribes, it is a formidable task. Many Tribes are taking the alternative approach of working with host utilities to get better service and more benefits. At the same time, recognizing the growing trend, utilities have established excellent working relationships with tribal governments in their service areas. Learn how to work with utilities serving Indian Country to help improve the tribal economy, create local jobs, and enhance the lifestyle of the community.

**October 28, 2015**

### **Advanced Financing Models**

Get exposure to available financing models that can be used to make energy efficiency and renewable energy projects economically feasible using utility community solar models, third-party vendors, and green bonds. In addition to providing details about renewable project financing, presenters will cover federal and state incentives, local resources, and partnerships that can help develop creative project financing terms and structures. The webinar will also present information on tax credits and incentives available from the DOE-sponsored online Database for State Incentives for Renewable Energy and Energy Efficiency (DSIRE).

**November 18, 2015**

### **Putting It All Together**

Review information from the previous webinars and learn about the tremendous energy development opportunities that continue to await Tribes. In revisiting the five-step project development process, speakers will discuss tribal experiences and collaborations that have revealed obstacles as well as opportunities for energy and infrastructure development and capacity building in Indian Country. During the final question-and-answer session, stakeholders will have an opportunity to weigh in on topics for the 2016 Tribal Renewable Energy Webinar Series.



Chaninik Wind Group team members review structural plans as part of their wind turbine training in Kwigillingok, Alaska. Photo from Intelligent Energy Systems, NREL 29205

## **Equipment and Services Needed**

To participate, attendees need to have Internet access and a phone line available. Attendees will connect to the Internet to see the PowerPoint slide presentations and dial in on a toll call line to hear the webinar speakers and to ask questions real time.

## **Previous Webinars and Additional Training Materials**

Attendees are encouraged to review the previous webinars, available on Western's website at <http://ww2.wapa.gov/sites/western/renewables/Pages/Webcasts.aspx>.

Also, attendees are highly encouraged to visit the DOE Office of Indian Energy's website for a wealth of training material on a variety of renewable energy project development topics: <http://energy.gov/indianenergy/resources/education-and-training/renewable-energy-online-learning>.



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[energy.gov](http://energy.gov)

[indianenergy@hq.doe.gov](mailto:indianenergy@hq.doe.gov)

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