

GREEN POWER News

WAPA's Renewable Resources Program covering
green power, reports, studies and funding

WESTERN AREA POWER ADMINISTRATION

Welcome to the *Green Power News Update*. This is a summary of the stories that ran during **January 2018**. New stories are added throughout the month to make sure you always know what is happening in our fast-changing industry. Check back often to see what's new!

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2018 Webinar Series: Tribal Sovereignty and Self-Determination through Community Energy Development

The DOE **Office of Indian Energy Policy and Programs** and WAPA are pleased to co-sponsor the 2018 webinar series, entitled *Tribal Sovereignty and Self-Determination through Community Energy Development*. The series includes 11 webinars, all offered at no cost and held from 11 a.m. to 1 p.m. Mountain Time the last Wednesday of each month, beginning in January and concluding in November.

Roughly two million American Indians and Alaska Natives from 567 federally recognized tribes live on or near 56.2 million acres of Indian land. The 2018 webinar series will provide these diverse communities with information and knowledge to evaluate and prioritize energy options; establish tribal consensus on energy goals and objectives; take short and long-range actions; make informed technical, financial, market, policy and regulatory decisions; and take advantage of proven tribal energy development best practices. The webinars will highlight tribal case studies and provide attendees with tools and resources to facilitate and accelerate community energy and infrastructure development in Indian Country.

There is no charge to attend, but registration is required. Attendees must have Internet access, computer compatibility with GoToMeeting software, and a phone line. Find **additional information and register** for the webinars.

Source: Office of Indian Energy, 1/18/18

Two NREL Projects Awarded More Than \$3 Million to Advance Novel Solar Forecasting Technologies

The U.S. Department of Energy **Solar Energy Technologies Office** (SETO) announced its selection of two projects led by researchers at NREL, each to receive more than \$1.5 million, to advance predictive modeling for the uncertainty of solar power while improving grid reliability. The projects will be led by Bri-Mathias Hodge, manager of the Power Systems Design and Studies Group in the Power Systems Engineering Center (PSEC); and Manjit Sengupta, a chief scientist in the Sensing and Predictive Analytics Group in PSEC.

Source: National Renewable Energy Laboratory, 1/11/18

Hydro Newsletter - Volume 5, Issue 1

In our first installment of Van Ness Feldman's Hydro Newsletter for 2018:

- Full Panel of FERC Commissioners Restored
- Legislative Update
- DC Circuit Affirms FERC Order Denying Claim for Headwater Benefits Overpayments
- FERC Issues Final Rule Modifying Its Methodology for Calculating Annual Charges for Use of Government Lands in Alaska

Source: Van Ness Feldman, 1/2/18

Optimizing Voltage Control for Large-Scale Solar

Learn how NREL researchers, working with GE's Grid Solution business and Duke Energy, used an advanced distribution management system to better manage voltage swings from utility-scale photovoltaic systems. The research brought NREL's extensive power-hardware-in-the-loop and modeling capabilities together with real data from Duke Energy and GE's advanced distribution management system.

Source: National Renewable Energy Laboratory, 1/10/18

Find more [publications and webinars](#).

Reports and Studies

N.C. Clean Energy Technology Center Releases Q4 Solar Policy Update to The 50 States of Solar

The N.C. Clean Energy Technology Center, in conjunction with Meister Consultants Group, Inc., announces the release of a special annual review edition of the quarterly report, The 50 States of Solar. The quarterly series provides insights on state regulatory and legislative discussions and actions on distributed solar policy, with a focus on net metering, community solar, residential fixed charges, residential solar charges, third-party ownership, and utility-led rooftop solar programs.

This latest edition includes an extensive review and analysis of major solar policy developments during the 2015 calendar year, followed by comprehensive solar policy changes proposed and adopted during the last quarter of 2015.

Source: North Carolina Clean Energy Technology Center, via Database of State Incentives for Renewables and Efficiency, 1/24/18

Find more [publications and webinars](#).

Funding

Environmental Education Local Grants Program for Regions 1-10: Solicitation Notice for 2018

Applications Due: March 15, 2018
Environmental Protection Agency

The purpose of the Environmental Education Local Grants Program is to support locally-focused environmental education projects that increase public awareness and knowledge about environmental and conservation issues and provide the skills that participants in its funded projects need to make informed decisions and take responsible actions toward the environment.

Source: Van Ness Feldman, 1/17/18

Using Weatherization Assistance Program (WAP) Funds for Low-Income Solar

As solar costs have declined, interest in using WAP funds for low-income solar deployment has increased. A state seeking to integrate solar into WAP must obtain approval from the U.S. Department of Energy to include the technology in its program. This approval process includes demonstrating the effectiveness of solar in generating savings.

This webinar discussed the federal approval process for using WAP funds for solar and introduced a state-specific tool NREL developed to help demonstrate the effectiveness of solar in generating savings.

Source: Clean Energy States Alliance, 1/11/18

Find more [funding sources](#).