

Greening the Grid: Implementing Wind and Solar Power Forecasting

21 April 2016

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Some Housekeeping Items (continued)

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Agenda

1

**Welcome &
Introductory
Remarks**

2

**Overview of the
Clean Energy
Solutions Center**

- **Stephanie Bechler**,
National Renewable
Energy Laboratory

3

Panelists

- **Bri-Mathias Hodge**,
Group Manager, NREL
- **Jennifer Leisch**, Climate
Change Mitigation
Specialist, USAID

4

**Question and
Answer
Session**

5

**Attendee
Survey**

Solutions Center Background and Vision

CleanEnergySolutions.org

The Clean Energy Ministerial (CEM) launched the Clean Energy Solutions Center in April 2011. The Solutions Center:

- Is one of 13 CEM Initiatives, which include:
 - Global Superior Energy Performance Partnership
 - Super-Efficient Equipment and Appliance Deployment initiative
 - Global Lighting and Energy Access Partnership
- Helps governments design and adopt policies and programs that support the deployment of clean energy technologies
- Has more than 35 partners, including IRENA, IEA, IPEEC, Sustainable Energy for All, Bloomberg New Energy Finance and Leonardo Energy
- Is co-chaired by the U.S. Department of Energy and the Australian Department of Industry.



Clean Energy Solutions Center

CleanEnergySolutions.org

Goals

- **Serve** as the primary resource for clean energy policy information, assistance and peer learning for governments and government-affiliated practitioners.
- **Share** policy best practices, data, and analysis tools across countries.
- **Deliver** dynamic services that enable expert assistance, learning, and peer-to-peer sharing of experiences.
- **Foster** dialogue on emerging policy issues and innovation across the globe.

Primary

- Government Policy Makers
- Advisors

Secondary

- Private Sector Companies
- Energy Entrepreneurs and Investors
- Non-Governmental Organizations
- Civil Society
- Others Engaged in Clean Energy

Target Audiences

Ask-an-Expert: Our Experts in Action

CleanEnergySolutions.org

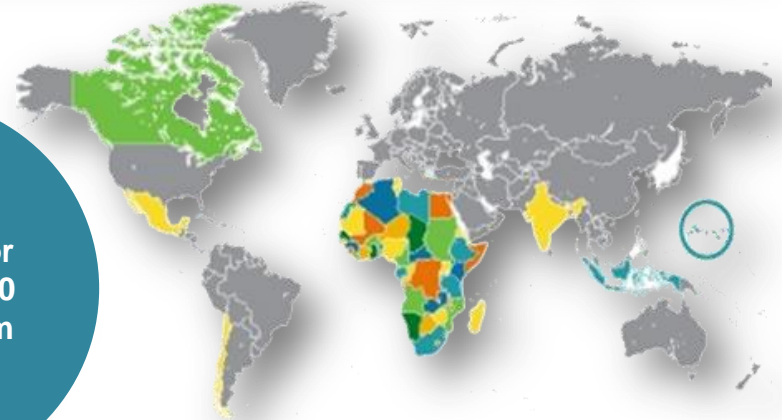


Connects policymakers to a global network of more than 30 energy experts for quick-response technical assistance on policies and programs relating to:

- Renewable Energy
- Energy Access
- Energy Efficiency
- Smart Grid
- Transportation
- Utilities



Delivered no-cost assistance for more than 160 requests from over 75 countries.



Please submit your question directly at cleanenergysolutions.org/expert

Bri-Mathias Hodge, Group Manager, NREL



Bri-Mathias Hodge, Ph.D., is the Group Manager for Power System Design and Studies at NREL. He has extensive experience with the grid integration of renewable energy and has been involved in a number of wind and solar power forecasting studies. He has a Ph.D. from Purdue University

Jennifer Leisch, Climate Change Mitigation Specialist, USAID



Jennifer Leisch is a Climate Change Mitigation Specialist in the USAID Office of Global Climate Change, where she supports the U.S. Enhancing Capacity for Low Emission Development Strategies program. Jennifer manages the USAID Greening the Grid partnership, and she directs agency work to account for greenhouse gas emissions reductions as a result of USAID Clean Energy programs. She holds a Ph.D. focused on renewable energy science, and she has previously worked in the research and development of advanced solar energy and fuel cell technologies.

Learn more at greeningthegrid.org



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Understand Grid Integration Basics

Review concise fact sheets covering a variety of key issues.

Greening the Grid

What is Grid Integration?

*The Challenge:
Large-Scale, Grid
Connected Clean
Energy*

Power grids are complex networks that balance electricity supply and demand around the clock, every day of the year. Renewable energy, such as solar and wind, can significantly reduce greenhouse gas emissions from electricity generation.

[Read more](#)



What We Do

*Technical
Assistance and
Collaboration*

Greening the Grid offers a toolkit of information, guidance materials, and technical assistance to support developing countries in significantly scaling up the amount of variable renewable energy connected to the electricity grid.

[About Us](#)



Ask an Expert

*Request information
and assistance*

Greening the Grid connects power system stakeholders in developing countries to experts from our grid integration expert network to provide no-cost, remote consultation and advice.

[Submit a Request](#)



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THANK YOU!

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