



## Distributed Wind 2025

Residence Inn Capital View Hotel, Arlington, VA

### Monday, February 24

7:30a – 8:15a Registration, Breakfast Buffet and Networking Opportunity

8:15a – 8:20a **Welcome, opening remarks, and keynote introduction**, Mike Bergey, DWEA President

8:20a – 9:05a **Keynote Address – Michael Barnard**, globally renowned energy futurist, corporate advisor, and wind technology consumer advocate (virtual)

9:05a – 10:00a **Leadership Panel: State of the Industry**  
Moderator: Charles Newcomb, Hoss Consulting

Participants:

- **John Mogensen**, Eocycle Technologies, manufacturer of farm and commercial wind turbines
- **Mike Bergey**, Bergey Windpower, manufacturer of residential and farm wind turbines
- **Steve Sherr**, Foundation Windpower, leading developer of large-scale behind-the-meter wind projects
- **Reinout Oussoren**, Northern Power Systems, manufacturer of small/mid-scale wind turbines
- **Ketter Ulrich**, Ryse Energy, manufacturer of micro-turbines and supplier of off-grid hybrid systems

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10:05a - 10:20a **Networking Break**

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10:20a – 11:20a **U.S. DOE's Distributed Wind Research & Initiatives Updates**  
Moderator: Ian Baring-Gould, Distributed Wind Program Manager, National Renewable Energy Laboratory (NREL)

- **Automating Interconnection Standards Testing for Distributed Wind Power Converters**, Rachid Darbali, Sandia National Laboratory
- **USDA/DOE Rural and Agricultural Income & Savings from Renewable Energy (RAISE) Initiative**, Danielle Prezioso, Distributed Wind Portfolio Lead, Pacific Northwest National Laboratory
- **Distributed Wind Energy Futures Study – Results at the Local Level**, Caleb Phillips, Senior Scientist, National Renewable Energy Laboratory



11:20a – 12:00p **Platinum Sponsor Spotlight**

Moderator: Padma Kasthurirangan, Buffalo Renewables

- **Bergey Windpower**
- **Northern Power Systems**
- **American Windpower**
- **Power Grid Partners**

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12:00p-1:20p **Networking Lunch** (included in registration)

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1:20p – 2:00p **DWEA Federal Policy Update**

Moderator: Chris Diaz, Seminole Financial

This session will provide an overview of DWEA’s 2025 federal policy priorities by Lloyd Ritter and Matt Caswell with Green Capitol, DWEA’s Washington representatives, followed by a Q&A session. They will cover the impact of the new Administration and the Republican Congress on legislation and policies that are important to the Distributed Wind industry.

2:00p – 2:50p **Federal Policy and Programs Update**

Moderator: Paul Rowan, Windurance

Note: Permissions for participation by USDA and US-DOE staff were revoked, prompting DWEA to provide alternative coverage of these important topics.

- **USDA REAP, Latest Updates and What it Takes to Submit an Application** – Kerry Kisslinger, American Windpower
- **US-DOE OCED’s \$400M Energy Resource Alternatives for Rural and Remote Areas Funding Opportunity and Advice to Applicants** – Mike Bergey, DWEA and Bergey Windpower
- **DWEA’s New “Distributed Wind for Farmers” Project with USDA RCBS** – Heather Rhoads, eFormative Options

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2:50p-3:05p **Networking Break**

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3:05p – 4:00p **Updates on Tax Provisions in the IRA Legislation**

Moderator: Steve Sherr, Foundation Windpower

Presentations and discussion by four tax experts:

- Monetizing Transferable Tax Credits, Jake Wolf, Crux Climate
- Tax Equity for Renewable Energy Projects, James Duffy, Nixon Peabody
- Forrest Milder, Nixon Peabody



4:00p – 5:00p **Accessing Agricultural Markets for Distributed Wind**

Moderator: Dan Clunies, Harmony Energy

- **Data Mining for USDA REAP Distributed Wind Sales Leads**, David Dunaway, eFormative Options
- **Overview of DWEA's AgWind Initiative and Projects**, Heather Rhoads, eFormative Options
- **Lesson's Learned from Exhibiting Small Wind at Over 30 Farm and Agricultural Shows**, Kerry Kisslinger, American Windpower

5:00p **First Day Closing Comments** – Mike Bergey, DWEA President

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**5:00p Adjourn**

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**5:15 – 7:30p Monday Happy Hour – Networking Opportunity** – cash bar

SOCCi Italian Restaurant, Renaissance Arlington Capital View (adjacent to the Residence Inn)

## Tuesday, February 25

7:00a – 8:00a Registration, Breakfast Buffet and Networking Opportunity

7:00a – 8:00a **Windiversity: Women of Distributed Wind & DWEA Racial Equity Meetup**, Terrace Room

*All Women of Renewable Industries and Sustainable Energy members and allies welcome*

8:00a – 8:05a **Welcome and Opening Remarks**, Mike Bergey, DWEA President

8:05a – 9:25a **Case Studies of Distributed Wind Projects**

Moderator: Ryan Storke, Stoke LLC

This session will feature case studies of noteworthy Distributed Wind projects covering different sizes and applications. Project details, including costs, performance, and economics will be presented.

- **Utah Valley University Hybrid Solution (Solar / Wind) – On Campus Sustainability and Remote Power** – Ketter Ulrich, Ryse Energy
- **15 kW Repower Project in Fargo, North Dakota, the first Commercial Delivery of the Excel 15** - Mike Bergey, Bergey Windpower
- **25 kW Turbine of LB Hogs, Pipestone, MN** - John Mogensen, Eocycle Technologies
- **NPS 100C-27: Kentucky's First 'Large' Wind Turbine** - Chris Connor, Northern Power Systems



- **2 x 250kW Siva Turbines for Brightly Farms, Hamlin, NY** – Padma Kasthurirangan, Siva Powers America

#### 9:25a – 10:15a **Distributed Wind Market Issues**

Moderator: Josh Groleau, Pecos Wind

- **New US-FWS Bat Protection Rules Affecting Distributed Wind** – Padma Kasthurirangan, Buffalo Renewables
- **Artificially Low Coop Buyback Rates – the FERC Connection** – Mike Bergey, Bergey Windpower
- **Standards Development Work Benefitting the Distributed Wind Industry** – Joe Spossey, RE Innovations

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#### 10:15a -10:30a **Networking Break**

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#### 10:30a – 11:15p **Distributed Wind Technical Innovations**

Moderator: Chris Connor, Northern Power Systems

- **Electronic Control & Power Conversion Options for Grid and Off-Grid Sites**– Quentin Gargan, Voltsys Renewable Energy Solutions
- **New OpenFAST Design Tools for Distributed Wind** – Brent Summerville, NREL
- **Important Considerations When Designing a New Small or Medium Scale Wind Turbine**, Drew Gertz, Northwind Engineering

#### 11:15a – 12:00p **REpowering Schools Student Presentations**

Moderator: Remy Pangle, REpowering Schools

As in 2024, on Tuesday REpowering Schools is hosting a parallel workshop for college engineering students and their faculty advisors participating in the FEDEX Hybrid System Design Challenge. This collegiate competition requires students to develop and apply an understanding of wind energy engineering. This conference session provides the teams an opportunity to present their projects. Posters from each participating school will be displayed at the Tuesday evening DW25 reception, where distributed wind companies may find candidates for internships or employment.

- **The Next Era of Wind** - Rocky Chen, Massachusetts’s Governor’s School
- **Delivering 200W Small Scale Wind Turbine to a Rural community in the Highlands of Peru** – Jennifer Perugi, Farmingdale State College
- **Development of renewable energy Courses for Undergraduate Students** – Malek Abunaemeh, St. John’s University (faculty)
- **Wind and Solar applications for Renewable Energy** – Adam Choudhry, St. John’s University
- **In-depth Characterization of Certain Wind Turbines and Solar Panels for the Future of Renewable Energy** – Alexander Ram-Singh, St. John’s University



- An In-depth Look at Solar Panels and Windmill for Energy Production – Joshua Rivera, St. John’s University
- How do We Make our Life Sustainable? – Caden, St. John’s University

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**12:00 – 12:15p Windustry 2024 Community Wind Awards** – presented by Lisa Daniels and Jim Duffy

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**12:15p Conference Closing Remarks** – Mike Bergey, DWEA President

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**12:20p Adjourn**

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**12:20-1:30p Networking Lunch and AgWind Strategy Session** (included in registration)

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**1:30p – 5:00p U.S. DOE National Labs - Industry Discussions**

These discussions will be broken out into three sessions, each with two parallel breakout sessions and participants are welcome to move from one to the other at their leisure. There will be two short 10 minute breaks between sessions.

**1:30p – 2:20p - Industry Discussions Session 1**

**Breakout 1: REAP application review and discussion for Developers.**

A lack of clarity around REAP application requirements is resulting in delays in wind focused REAP applications. As REAP funding becomes more limited, it will be increasingly important to improve scores for DW proposals. This session will collect experiences with REAP applications, review the REAP technical proposal check list, and identify tools or other processes that could be developed to standardize the types of information that would streamline proposal development, submission and review processes.

**Breakout 2: Turbine monitoring consortia.**

The lack of credible turbine performance data remains an issue in market credibility. Following the development of the DW Monitoring guide, PNNL and NREL staff will lead a discussion to identify the key requirements (structural, organizational, legal) to enable the development of an independent DW turbine monitoring process. The goal of the session will be to identify key concerns and a core group to develop a monitoring consortia concept for further consideration by the industry and DOE.

**2:20p – 2:30p Break**



## **2:30p – 3:20p - Industry Discussions Session 2**

### **Breakout 1: Tool review and application discussion.**

WETO has invested in decision-support tools as part of its effort to address project development roadblocks. Several of these tools are now ready for more widespread use, but their use is limited. This roundtable will allow DWEA conference participants to obtain a better understanding of the existing tools, followed by discussions of how laboratory staff can work with DWEA and developers to integrate these tools into the development process.

### **Breakout 2: DW structural and electrical testing needs.**

The expanded use of aeroelastic and structural models, combined with the increasing focus on component testing for certification or re-certification purposes and the need to continue to improve reliability, is driving a need for increased component level testing. This session will engage OEM's in a dialog around the importance of structural testing, likely components of focus, what resources industry foresees needing to support future component innovation, and how the DOE laboratories can be supportive of that innovation.

### **3:20p – 3:30p Break**

## **3:30p – 4:20p - Industry Discussions Session 3**

### **Breakout 1: Permitting, siting, and WindSmart.**

Permitting and siting are becoming a more common issue with turbine installations. This session will discuss with turbine installers what work, or research, is needed to better address common siting concerns observed by industry. The role of WindSmart and identification of potential pilot communities to support deeper dives on developing supportive permitting models will also be discussed.

### **Breakout 2: Interconnection solutions.**

Interconnection requirements continue to be identified as a key barrier to expanded DW development. Considering this issue from several perspectives including utility requirements, research needs, interconnection standards, and consideration of potential innovative interconnection models which may reduce challenges, this session will allow discussion of ways to streamline interconnection bottlenecks and identify specific next steps to address these challenges.

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## **5:00 – 7:00p Networking Reception – cash bar – Lobby, Residence Inn**

Featuring REpowering Schools students and their project posters.

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# Distributed Wind

**Wednesday, February 26 – DWEA Lobby Day**

7:00a – 7:30a Registration & Coffee

7:30a – 8:00a **Policy Briefing & “Lobbying 101”**

8:30a – 4:30p **Congressional and Administration Meetings** (in 30 min. blocks)  
Small teams led by experienced DWEA representatives

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