



# Design Conditions for the Hurricane Metocean Environment

January 15, 2015



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Wind and Water Technologies  
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U.S. Department of Energy

# Agenda

- Moderator:
  - **Joel Cline**, U.S. Department of Energy
- Presentations by:
  - **Mark Powell**, Atmospheric Scientist, National Oceanic and Atmospheric Administration (NOAA), *“Design Conditions for the Hurricane Met-Ocean Environment: Wind Shear”*
  - **Peter Vickery**, Principal Engineer, Applied Research Associates, Inc., *“Development of Hurricane Hazard Curves and Design Parameters with Atmospheric and Ocean Modelining”*
  - **George Hagerman**, Research Associate, Virginia Tech, *“White-Capping and Depth-Limited Wave Breaking”*
- Question & Answer Period
  - To ask a question:
    - Click Q&A at the top of the Live Meeting Window
    - Type your question in the Q&A box
    - Click “Ask” to send question

*Webinar recording and presentations will be posted approximately one week from date of webinar on [wind.energy.gov/windexchange](http://wind.energy.gov/windexchange)*

# Upcoming WINDEXchange Webinars

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## Upcoming WINDEXchange Webinars

The third Wednesday of each month at **3:00 pm Eastern**

- January 21, 2015: Wind Turbine Recycling and Repowering
- February 18, 2015: National Development Siting Considerations  
*(Tentative)*

# Contact Information

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## WINDEXchange Stakeholder Education & Outreach Contacts

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To learn more about the WINDEXchange initiative, please visit our website at: [wind.energy.gov/windexchange/](http://wind.energy.gov/windexchange/)

**Thank You!**