

# Workshop on Offshore Wind Energy Standards and Guidelines: Metocean-Sensitive Aspects of Design and Operations in the United States

Artisphere, Arlington, VA – June 17-18, 2014

**Sponsors: US Department of Energy and Bureau of Ocean Energy Management**  
Technical Chairs: Walt Musial (NREL) and Bruce Bailey (AWS Truepower)



# Offshore Wind Standards Background

- Energy Policy Act of 2005 gave BOEM exclusive jurisdiction over renewable energy projects on the Outer Continental Shelf
- Rule 30 CFR 585 was released in April 2009 – cradle to grave approach
- The industry was not ready at the time to specify standards
- API/ISO were the governing standards for oil and gas
- IEC standards governed wind turbine design

# Work Shop Goals and Objectives

Interagency campaign between DOE and BOEM to address offshore wind energy resource assessment, design condition, and operational issues.

The overarching goals of the workshop are to:

- Bring together the key members of the offshore energy community in the US who are working toward consensus on defining relevant standards for offshore wind energy.
- To solicit the latest information from organizations advancing research in **understanding metocean parameters**, conducting **standards gap-filling** activities, and developing **modeling approaches** to define future designs for offshore wind.
- Mitigate data-related offshore wind technical or market barriers to offshore wind development.

# Workshop Proceedings/Presentations:

- A summary of the workshop, along with digital copies of the presentations, will be made available to all attendees following conclusion of the workshop.
- Presentations will be distributed with permission of the presenter.
- The materials will be posted at [usmodcore.com](http://usmodcore.com)
- An e-mail will be sent to all workshop attendees when the materials are available for download.