

# 2011 Wind Turbine Reliability Workshop

(August 2-3, 2011 — <http://windpower.sandia.gov>)

*Operations-Driven Reliability and the Journey to Excellence: How Quality, Data and Analysis Benefit Operations and Maintenance*

## **DAY 1 (am)**

### **The National Perspective: Executive Leadership Acting to Improve Wind Plant Reliability**

Roger Hill, Sandia, workshop chairman

Tom Udall, US Senator, New Mexico (invited)

Steve Chalk, Department of Energy

Jon Wellinghoff, Keynote, Chairman, Federal Energy Regulatory Commission

Rick Stulen, Sandia

Bridget McKenney, Sandia

## **Mid-morning Break**

Sal Della Villa, Strategic Power Systems

Werner Götz, Energie Baden-Württemberg (EnBW)

Marty Crotty, Upwind Energy

## **Lunch**

## **DAY 1 (pm)**

### **The Grid Connection: Redefining Wind's Role in Reliability of the Nation's Largest Machine**

Charlton Clark, Department of Energy, moderator

Major wind utility (invited)

Abraham Ellis, Sandia

## **Afternoon Break**

### **Operations and Maintenance: Panel, Sustaining Operations for Sustainable Systems**

Bridget McKenney, Sandia, moderator

Dick Williams, Shell Wind

Ninochka Maldonado, enXco,

Eddie Perez, Wind Capital Group

Marty Crotty, Upwind

Adjourn

**DAY 2 (am)**

**Data to Information to Profits: Reliability Analysis from Data Collection**

Valerie Peters, Sandia, moderator  
Bob Sherwin, EAPC Wind Energy  
David Zeglinski, OSIssoft  
Phillipp Lyding, Fraunhofer

**Mid-morning Break**

**What's **H**appening with the Major Components? Looking at the Source of Turbine Reliability**

Paul Veers, NREL, moderator  
Hal Link, NREL  
Shawn Sheng, NREL  
Josh Paquette, Sandia

**Lunch**

**DAY 2 (pm)**

**Innovative Manufacturing and Supply Chain Concepts: Panel, How to Balance Novel Component Designs and Still Ensure Reliability**

Dan Radomski, Kinetik Partners, moderator  
Avinash Taware, Gamesa  
Karen Schultz, Walco Tool

**Afternoon Break**

**Exciting Concepts in **D**evelopment and the **F**ield: New Systems and Components for Improved Performance**

Roger Hill, Sandia, moderator  
Ashley Crowther, Romax Technology  
Chris Bley, Rope Partners  
Jon White, Sandia

**Adjourn**