



UTILITY WIND INTEGRATION GROUP SPRING TECHNICAL WORKSHOP

April 2-3, 2009
Radisson Plaza – Warwick Hotel – Philadelphia, PA

PROGRAM AGENDA

Thursday April 2, 2009

7:00 a.m. – 8:00 a.m.

Registration & Breakfast

Location: Mezzanine Foyer/Balcony

8:00 a.m. – 5:00 p.m.

Spring Workshop Technical Program

Location: Assembly and Grand Ballroom

8:00 a.m. – 8:30 a.m.

Welcome and Overview Session

Welcome & Introductions

Henry Durrwachter, UWIG President/Luminant

Role of Renewable Energy in a National Energy Policy

Dan Griffiths, Deputy Secretary for the Office of Energy and Technology Deployment, State of Pennsylvania

Meeting Introduction and Overview

Charlie Smith, UWIG

8:30 a.m. – 10:00 a.m.

Forecasting Developments

Session Chair: Matt Schuerger, Energy Systems Consulting Services

Minnesota RDF Forecasting Project Final Results

Mark Ahlstrom, WindLogics

PJM Forecasting Implementation

Sanjay Patil, PJM Interconnection

Phoenix Forecasting Workshop Summary

Debbie Lew, NREL

10:00 a.m. – 10:30 a.m.

Break

Location: Assembly and Grand Ballroom

10:30 a.m. – 12:00 p.m.

Global Developments in Markets and Transmission

Session Chair: Warren Lasher, ERCOT

European Tradewind Market Study
Frans Van Hulle, European Wind Energy Association

JCSP Transmission Planning Results
Dale Osborn, Midwest ISO

Spanish Market Operation
Alberto Cena, AEE, Spain

Transmission Planning and Market Developments in PJM
Steve Herling, PJM Interconnection

12:00 p.m. – 1:00 p.m.

Lunch

Location: Crystal Ballroom

1:00 p.m. – 2:30 p.m.

Wind Plant Variability Impact on the Balance of System O&M I

Session Chair: Tom Acker, Northern Arizona University

Impact of High Penetration of Wind on the Duty Cycling of Thermal Plant – An Irish Perspective
Philip O'Donnell, EirGrid

Wind, Plant Cycling Costs and the Impact on Scheduling
Niamh Troy, Electricity Research Center, University College Dublin

Island Power System Perspective
Marc Matsuura, HECO

Effects of Duty Cycle on Hydro Turbine O&M
Jim DeHaan, Bureau of Reclamation

2:30 p.m. – 3:00 p.m.

Break

Location: Assembly and Grand Ballroom

3:00 p.m. – 5:00 p.m.

Wind Plant Variability Impact on the Balance of System O&M II

Session Chair: Cliff Murley, Sacramento Municipal Utility District

Effects of Thermal Cycling on Turbine Generator O&M
Jim Edmonds, Exponent

Compiling the Operating Experience
Jim Hebson, PSEG Energy Resources & Trade

Evolving the Gas Turbine Technology for High Cycling Duty
Dennis Rayome, GE Energy

Providing Regulation with Wind
Brendan Kirby, Consultant

Discussion

5:00 p.m.

Adjourn for Day

6:00 p.m. – 8:00 p.m.

Reception and Awards Presentation

Location: Crystal Ballroom

Friday, April 3, 2009

7:00 a.m. – 8:30 a.m.

Breakfast

Location: Assembly and Grand Ballroom

7:30 a.m. – 8:30 a.m.

Membership Meeting (Members Only)

Location: Assembly and Grand Ballroom

Membership Meeting

Board of Directors Election

8:30 a.m. – 12:10 p.m.

Spring Workshop Technical Program

Location: Assembly and Grand Ballroom

8:30 a.m. – 10:00 a.m.

Technology Updates

Session Chair – Rashid Abdul, Gamesa Technology Corporation

Clipper Liberty 2.5 MW –Working Out the Ramp-Up Teething Issues

Amir Mikhail, Clipper Windpower

GE 2.X Machine – How Is This One Different

Ron Brzezinski, GE Energy

RePower – A New Approach

Paul Gonzalez – RePower USA

Nordex USA – Machines For North America

Edward Gareis, Nordex

10:00 a.m. – 10:30 a.m.

Break

Location: Assembly and Grand Ballroom

10:30 a.m. – 12:00 p.m.

Industry Updates

Session Chair: Ed DeMeo, Renewable Energy Consulting Services

US DOE R&D Program

Megan McCluer, US DOE

AWEA Washington Update
Michael Goggin, AWEA

FERC Wind Policy Initiatives
Sasan Jalali, FERC

NERC Integration of Variable Generation Task Force
Mark Lauby, North American Electric Reliability Corporation

Wind Plant Modeling
Abraham Ellis, Sandia National Laboratories

12:00 p.m. – 12:10 p.m.

Closing Remarks – Charlie Smith

Adjourn