



UTILITY WIND INTEGRATION GROUP SPRING TECHNICAL WORKSHOP A LONE STAR VIEW OF WIND INTEGRATION

April 16-18, 2008
Hilton Ft. Worth Hotel
Ft. Worth, Texas

PROGRAM AGENDA

Wednesday April 16, 2008

User Group Meetings (UWIG Members and Invited Guests Only)

7:00 a.m. – 8:00 a.m.

Registration & Continental Breakfast

Location: West Promenade

8:00 a.m. – 5:00 p.m.

User Group Meetings (Parallel Sessions)

8:00 a.m. – 12:00 p.m.

Distributed Wind Workshop

Location: Crystal A

Chair: Tom McDermott, EnerNex Corporation

8:00 a.m. – 12:00 p.m.

Operating Impact and Integration Study User Group Meeting

Location: Crystal B

Chair: Ed DeMeo, Renewable Energy Consulting Services

9:30 a.m. – 10:00 a.m.

Break

Location: West Promenade

12:00 p.m. – 1:00 p.m.

Lunch

Location: Texas BCD

1:00 p.m. – 5:00 p.m.

Market Operations and Transmission Policy User Group Meeting

Location: Crystal A

Chair: Charlie Smith, UWIG

1:00 p.m. – 5:00 p.m.

Wind Plant Modeling and Interconnection Study User Group Meeting

Location: Crystal B
Chair: Bob Zavadil, EnerNex Corporation

2:30 p.m. – 3:00 p.m.

Break

Location: West Promenade

6:30 p.m. – 8:30 p.m.

UWIG Board of Directors Meeting

Location: Continental

Thursday April 17, 2008

7:00 a.m. – 8:00 a.m.

Registration & Breakfast

Location: West Promenade

8:00 a.m. – 5:00 p.m.

Spring Workshop Technical Program

Location: Crystal A

8:00 a.m. – 8:45 a.m.

Welcome and Overview Session

Welcome & Introductions

Henry Durrwachter, UWIG President/Luminant

Local Welcome to Wind in Texas

The Honorable Phil King, Texas House of Representatives

Meeting Introduction and Overview

Charlie Smith, UWIG

AWEA/DOE 20% Wind Scenario Report Update

Jeff Anthony, American Wind Energy Association

8:45 a.m. – 10:00 a.m.

Opening Session: Real-World Operating Experience

Session Chair: Elliot Mainzer, Bonneville Power Administration

ERCOT: John Dumas

CAISO: Dave Hawkins

AESO: John Kehler

Discussion with Panelists

10:00 a.m. – 10:30 a.m.

Break

Location: West Promenade

10:30 a.m. – 12:00 p.m.

Real-World Operating Experience Cont'd

Session Chair: John Kehler, Alberta Electric System Operator

Transpower NZ: Graeme Ancell

HELCO: Lisa Dangelmaier

EirGrid: Jody Dillon

Discussion with Panelists

12:00 p.m. – 1:00 p.m.

Lunch

Location: Crystal B

1:00 p.m. – 2:30 p.m.

Wind Technology Updates

Session Chair: Sandy Butterfield, NREL

Wind Technology Status Report
Sandy Butterfield, NREL

DeWind 2.0 MW Machine
Andy Lockhart - DeWind

Suzlon 2.1 MW Machine
Mike Tyson, Suzlon

Siemens 2.3 MW Machine
Henning Kruse, Siemens

Gamesa 2.0 MW Machine
Rashid Abdul, Gamesa

2:30 p.m. – 3:00 p.m.

Break

3:00 p.m. – 5:15 p.m.

Wind Integration Studies

Session Chair: Leslie Bryans, Northern Ireland Electricity

Perspective on the Evolution of Wind Integration Studies
Leslie Bryans, Northern Ireland Electricity

ERCOT Wind Integration Study Results
Warren Lasher, ERCOT

CAISO Wind Integration Study Results
Dave Hawkins, California Independent System Operator

APS Wind Integration Study Results
Ron Flood, APS and Tom Acker, NAU

PNM Wind Integration Study Results
Abraham Ellis, PNM

Eastern Interconnection Wind Integration Study Update
Dave Corbus, NREL

Western Wind Integration Study Update
Debra Lew, NREL

5:15 p.m.

Adjourn for Day

6:00 p.m. – 8:00 p.m.

Reception and Awards Presentation

Location: Crystal D

Friday, April 18, 2008

7:00 a.m. – 8:30 a.m.

Breakfast

Location: West Promenade

7:30 a.m. – 8:30 a.m.

Membership Meeting (Members Only)

Location: Crystal A

Membership Meeting
Board of Directors Election

8:30 a.m. – 12:10 p.m.

Spring Workshop Technical Program

Location: Crystal A

8:30 a.m. – 10:00 a.m.

Island Power System Wind Integration Studies

Session Chair – Brad Reeve, Kotzebue Electric Association

Ireland All-Island Wind Integration Study
Paul Smith, EirGrid

Hawaii Island Wind Integration Study
Lisa Dangelmaier, HELCO

Alaska Wind Integration Study Update
Martina Dabo, Alaska Energy Authority

New Zealand Wind Integration Study
Graeme Ancell - Transpower NZ

French Island Power System Study
Jerome Duval, Electricite de France

10:00 a.m. – 10:30 a.m.

Break

Location: West Promenade

10:30 a.m. – 12:00 p.m.

Industry Updates

Session Chair: Ed DeMeo, Renewable Energy Consulting Services

NERC Update on Wind Activities
Mark Lauby, North American Electric Reliability Council

WestConnect BA Consolidation Study
Charlie Reinhold, WestConnect

BPA Update (ADI, wind tariff, anticipatory forecasting, NWIAP)
Elliot Mainzer, BPA

Wind Plant Modeling User Group Update
Bob Zavadil, EnerNex Corporation, User Group Chair

IEEE WPCC Update (meetings and task forces)
Richard Piwko, GE Energy, Chair of IEEE Wind Power Coordinating Committee

AWEA Washington Update (PTC, Queue, Order 890)
Rob Gramlich, AWEA

12:00 p.m. – 12:10 p.m.

Closing Remarks – Charlie Smith

Adjourn

Friday, April 18, 2008 p.m.

Tour 1: 1 pm – 4 pm, Oncor Electric Delivery Transmission Grid Management Operating Center

Tour 2: 1pm – 6:30 pm, Clipper Wind Silver Star I Wind Project (Stephenville)