



UWIG Technical Workshop

WIND INTEGRATION: FOCUS ON THE NORTHWEST

October 23-24, 2003

Sheraton Seattle Hotel and Towers
Seattle, Washington

Agenda

Wednesday, October 22

9:00 am – 12:00 pm **UWIG Board of Directors Strategy Meeting**
Continental Breakfast Provided

12:30 – 9:30 pm **UWIG Wind Site Tour – Energy Northwest’s Nine Canyons Wind Project**
Transportation, Box Lunch and Group Dinner (\$50 tour fee)

Thursday, October 23

8:00 a.m. Continental Breakfast

8:30 a.m. **Welcome**
Brad Reeve, UWIG President / Kotzebue Electric Association

8:45 a.m. **Workshop Overview**
Ed DeMeo, UWIG Technical Coordinator, RECS

9:00 – 10:30 a.m. **National/Regional Activities Plenary Session**
Session Chair: Charlie Smith, UWIG/Nexgen

- ❑ **Nebraska Public Power District Deliberative Poll**
Gary Thompson, NPPD
- ❑ **Regional/National Policy Perspective on Transmission**
Jim Caldwell, AWEA
- ❑ **SSG-WI Transmission Plan**
Dean Perry, Chairman, SSG-WI Planning Working Group
- ❑ **Clean Energy for the West Report**
John Nielsen, Western Resource Advocates
- ❑ **MISO Progress Report**
Jeff Webb, MISO Transmission Planning

--- 30 Minute Break ---

11:00 a.m.

Overview of Local Wind Power Activities

Session Chair: Dave Kobus, Energy Northwest

- ❑ **Last Mile Electric Co-op Update**
Elmer Sams, Tanner Electric
- ❑ **Puget Sound Energy Update**
Charlie Black, Puget Sound Energy
- ❑ **Energy Northwest Operating Experience**
David Kobus, Energy Northwest; Chuck Wagers, Douglas PUD; Larry Felton, Okanogan PUD

12:00 p.m.

LUNCH

1:00 p.m.

Wind Operating Impacts Session

Session Chair: Brian Parsons, NREL

- ❑ **Bonneville Power Administration**, Elliot Mainzer, BPA
- ❑ **Pacificorp Wind Power Developments**, Tom Coatney, PacifiCorp
- ❑ **Avista Operating Impacts Study**, Clint Kalich, Avista
- ❑ **We Energies Operating Impacts Study**, Richard O’Conor, We Energies
- ❑ **Great River Energy Operating Impacts Study**, Tim Seck, Great River Energy
- ❑ **California Wind Implementation Issues**, Jim Blatchford, CAISO
- ❑ **California RPS: Renewable Generation Integration Analysis, Phase I Results**, Michael Milligan, NREL

3:00 p.m.

Break

3:15 p.m.

Distributed Wind Session

Session Chair: John Holt, NRECA

- ❑ **UWIG Project Status Report**, Roger Dugan, Electrotek Concepts
- ❑ **Interconnection NOPR & IEEE P1547 Status Reports**, Jay Morrison, NRECA

4:00 p.m.

Wind Power Technology Session

Session Chair: Ed DeMeo, RECS

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- ❑ **DOE Wind Program: Technology Trends & Strategic Plans**, Brian Smith, NREL
- ❑ **Turbine Modeling Status and Needs**, Bob Zavadil, EnerNex

4:45 p.m. Adjourn Technical Wind Workshop

5:00 p.m. **UWIG Utility Roundtable Discussion** (UWIG Utility Members and Utility Guests)

7:00 pm UWIG Hosted Reception for all Workshop Participants

Friday, October 24 - User Group Meeting

7:30 a.m. Continental Breakfast

Session Chair, Charlie Smith, UWIG/Nexgen

8:00 a.m.

User Group Planning

- ❑ Operating Impact User Group
- ❑ Distributed Wind User Group
- ❑ Turbine Modeling User Group
- ❑ Transmission Policy and Market Operation Focus Area

Format of Discussion for Each User Group

- ❑ Initial Plan
- ❑ Recommendations for future work
- ❑ What would you like to do
- ❑ Options for Participation

User Group Operation

- ❑ Communication methods
- ❑ Outreach and education
- ❑ Co-sponsorship

Other User Group topics of interest?

9:45 a.m. **Break**

10:15 a.m. **Distributed Wind Training Seminar**
Roger Dugan, Electrotek Concepts, Inc.

- ❑ **Software Training**
- ❑ **Case Studies**
 - ❖ Long Island Power Authority

12:00 Adjourn

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