



UTILITY WIND INTEGRATION GROUP FALL TECHNICAL WORKSHOP ATELIER TECHNIQUE – SESSION D' AUTOMNE

October 14-15, 2010
Quebec City, Canada

PROGRAM AGENDA

Thursday October 14, 2010

7:00 a.m. – 8:00 a.m.

Registration & Breakfast, Sponsored by GL Garrad Hassan

Location: Place Montcalm

8:00 a.m. – 5:00 p.m.

Fall Technical Workshop Technical Program

Location: Jean Paul Lemieux

8:00 a.m. – 8:30 a.m.

Welcome and Overview Session

Welcome & Introductions

Henry Durrwachter, UWIG President/Luminant

Canadian Welcome

Guy Quintin, Hydro Quebec

Meeting Introduction and Overview

Charlie Smith, UWIG

8:30 a.m. – 10:00 a.m.

Wind Plant Modeling and Power System Operations Developments

Session Chair: Mark O'Malley, University College Dublin

Incorporating Wind Plants into AGC

Dick Piwko, GE Energy

Dynamics and Frequency Response Studies in Ireland

Jens Boemer, Ecofys

Danish System Operations Plans with Wind and DG

Hans Abildgaard, Energinet.dk

UWIG DOE ARRA Project Update
Bob Zavadil, EnerNex

10:00 a.m. – 10:30 a.m.

Break, Sponsored by CG Power Solutions USA, Inc.

Location: Foyer

10:30 a.m. – 12:00 p.m.

Wind Integration Study Results and Market Design

Session Chair: Ty Bettis, Portland General Electric

NYISO Wind Integration Study Results
Mike Swider, New York ISO

ISO-NE Wind Integration Study Results
Bill Hensen, ISO-NE

Limited Energy Device Market Implementation
Mike Swider, New York ISO

Stochastic Approach to Unit Commitment
Peter Meibom, RISO, Denmark

12:00 p.m. – 1:00 p.m.

Lunch, Sponsored by Alstom Grid

Location: Galerie

1:00 p.m. – 2:45 p.m.

Wind Integration on Island Power Systems

Session Chair: Matt Schuerger, Energy Systems Consulting Services

Overview of Hawaii Wind Integration Studies
Dean Arakawa, Hawaiian Electric Company

HECO Transmission Study Results
Garth Irwin, Electranix

HECO Integration Study Results
Devon Manz, GE Energy

HECO Dynamics Study Results
Jim Cote, EPS

New Zealand Update
Graeme Ancell, TransPower

2:45 p.m. – 3:15 p.m.

Break, Sponsored by GENIVAR

Location: Foyer

3:15 p.m. – 5:00 p.m.

Extracting Flexibility from the Fossil Fleet

Session Chair: Steve Beuning, Xcel Energy

HECO System Upgrades

Dean Arakawa and Theo Hetherington, Hawaiian Electric Company

Generator Maintenance Scheduling under High Wind Penetration

Niamh Troy, University College Dublin

Driving Unit Flexibility with Wind Induced Cycling Costs

James Schetter, Xcel Energy

5:00 p.m.

Adjourn for Day

6:00 p.m. – 8:00 p.m.

Reception, Sponsored by Hydro Quebec

Location: Place Montcalm

Friday, October 15, 2010

7:00 a.m. – 8:00 a.m.

Breakfast, Sponsored by Canadian Wind Energy Association

Location: Place Montcalm

8:00 a.m. – 12:30 p.m.

Fall Workshop Technical Program

Location: Jean Paul Lemieux

8:00 a.m. – 9:45 a.m.

Developments in Transmission

Session Chair – Jay Caspary, Southwest Power Pool

Transmission Planning for Offshore Wind Projects
Yvonne Sassnick, 50 Hz Transmission GmbH

Pan-Canadian Wind Integration Study
Tom Levy, CanWEA

European Green Energy Supergrid
Antje Orths, Energinet.dk

California Update and the RETI Process
Dave Olsen, Western Grid Group

9:45 a.m. – 10:15 a.m.

Break, Sponsored by OSIsoft

Location: Foyer

10:15 a.m. – 12:15 p.m.

IEA Wind Task on Wind Integration

Session Chair: Hannele Holttinen, VTT Finland

IEA Wind Task 25 Overview
Hannele Holttinen, VTT Finland

Thoughts on a Flexibility Index
Mark O'Malley, University College Dublin

European Market Harmonization
Frans Van Hulle, European Wind Energy Association

50% by 2025 in Denmark
Peter Borre Eriksen, Energinet.dk

Recent Wind Activities in Germany
Bernie Ernst, Amprion

Recent Wind Activities in Portugal
Ana Estanqueiro, INEA

12:15 p.m. – 12:30 p.m.

Closing Remarks – Charlie Smith

Adjourn