

UNITED STATES OF AMERICA  
FEDERAL ENERGY REGULATORY COMMISSION

Improving Market and Planning Efficiency through  
Improved Software

Docket No. AD10-12-000

NOTICE OF AGENDA AND PROCEDURES  
FOR STAFF TECHNICAL CONFERENCE

(May 20, 2010)

This notice establishes the agenda and procedures for the staff technical conference to be held on June 2, 2010 and June 3, 2010, to discuss issues related to unit commitment software. The technical conference will be held from 8:00 a.m. to 5:30 p.m. (EDT) on June 2, 2010, and from 8:00 a.m. to 5:00 p.m. (EDT) on June 3, 2010 at the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, DC 20426, in the Commission Meeting Room. All interested persons are invited to attend, and registration is not required.

The agenda for this conference is attached. The presentations will be technical in nature, and approximately 20 minutes in length with 5 to 10 minutes for questions. Equipment will be available for computer presentations. Presenters who wish to include comments, presentations, or handouts in the record for this proceeding should file their comments with the Commission. Comments may either be filed on paper or electronically via the eFiling link on the Commission's web site at <http://www.ferc.gov>.

A free webcast of this event is available through [www.ferc.gov](http://www.ferc.gov). Anyone with Internet access who desires to view this event can do so by navigating to [www.ferc.gov](http://www.ferc.gov)'s Calendar of Events and locating this event in the calendar. The event will contain a link to its webcast. The Capitol Connection provides technical support for the free webcasts. It also offers access to this event via television in the DC area and via phone bridge for a fee. If you have any questions, visit [www.CapitolConnection.org](http://www.CapitolConnection.org) or call (703) 993-3100.

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For further information about this conference, please contact:

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Kimberly D. Bose,  
Secretary.

**Agenda for AD10-12 Staff Technical Conference on Unit Commitment Software  
Federal Energy Regulatory Commission**

JUNE 2, 2010

- 8:00 AM Richard O’Neill, FERC – Welcome and Introduction
- 8:20 AM Session A - Unit Commitment Models in ISO Markets  
Andy Ott, PJM  
Mark Rothleder, California ISO  
Rana Mukerji, NYISO
- 9:25 AM Session B – Experience, Challenges, and Future Directions in Unit Commitment Models  
Art Cohen and Chien-Ning Yu, ABB  
William Hogan, Harvard
- 11:40 AM Lunch
- 12:40 PM Boris Gisin, PowerGEM
- 1:50 PM Session C – Advances in Hardware and Software  
Jeremy Bloom and John Gregory, IBM  
Alkis Vazacopoulos, FICO
- 3:00 PM Session D – New Designs and Advanced Unit Commitment Models  
Kory Hedman, Arizona State University  
Jianhui Wang, Argonne National Laboratory  
Eugene Litvinov, J. Zhao, and T. Zheng ISO-NE
- 4:55 PM Session E – Test Model Data Sets  
Avnaesh Jayantilal, Areva and Jim Waight, Siemens  
Richard O’Neill and Eric Krall, FERC
- 5:30 PM Richard O’Neill, FERC - Day 1 Conclusion

JUNE 3, 2010

- 8:00 AM Richard O'Neill, FERC – Day 2 Welcome
- 8:05 AM Session F – Special Topics  
Paul Gribik and Li Zhang, Midwest ISO  
Gary Stern, Southern California Edison
- 9:25 AM Session G – Variable Energy Resources and Demand Resources in Unit Commitment Models  
Erik Ela, National Renewable Energy Laboratory  
Jayant Kalagnanam, IBM  
Marija Ilic, Carnegie Mellon  
Dhiman Chatterjee, Midwest ISO
- 11:55 AM Session H – Modeling Uncertainty and Flexibility in Unit Commitment Models  
David Sun, Alstom
- 12:30 PM Lunch
- 1:20 PM Jianhui Wang and Audun Botterud, Argonne National Laboratory  
Mohammad Shahidehpour, Illinois Institute of Technology  
Pablo Ruiz, CRA  
Avnaesh Jayantilal, Areva T&D
- 3:50 PM Session I - Forecasting for Market Operations  
Audun Botterud, Argonne National Laboratory  
Victor M. Zavala, Emil Constantinescu, and Mihai Anitescu, Argonne National Laboratory
- 5:00 PM Richard O'Neill, FERC – Conclusion and Next Steps