

**DEPARTMENT OF ENERGY****Federal Energy Regulatory Commission**

[Docket No. AD10-12-000]

**Improving Market and Planning Efficiency Through Improved Software; Notice of Agenda and Procedures for Staff Technical Conference**

June 10, 2010.

This notice establishes the agenda and procedures for the staff technical conference to be held on June 23 and June 24, 2010 to discuss issues related to enhanced optimal power flow models and software. The technical conference will be held from 9 a.m. to 5 p.m. e.d.t. on June 23, 2010, and from 9 a.m. to 3:30 p.m. e.d.t. on June 24, 2010 at the Federal Energy Regulatory Commission, 888 First Street, NE., 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 the session times shown on the agenda include approximately 10 minutes for questions or discussion after each presentation. 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 <http://www.ferc.gov>. Anyone with Internet access who desires to view this event can do so by navigating to <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 <http://www.CapitolConnection.org> or call (703) 993-3100.

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Kimberly D. Bose,  
Secretary.

**Agenda for AD10-12 Staff Technical Conference on Enhanced Power Flow Models***Federal Energy Regulatory Commission*

Wednesday, June 23, 2010

9 a.m. Welcome and introduction,  
Richard O'Neill, FERC.

9:20 a.m. Session A.

Rick Gonzales, New York ISO, Voltage  
and Reactive Management.  
Slava Maslennikov, ISO New  
England, Enhancement of Dispatch  
by Utilization of Adaptive  
Transmission Rates.

10:30 a.m. Break.

10:45 a.m. Session B.

Andy Ott, PJM, Development of  
Enhanced Generation/Demand  
Response Control Algorithm.  
Vladimir Brandwajn and Show  
Chang, ABB, Optimal Power Flow  
in Energy Markets: Current  
Practices and Future Directions.

Noon Lunch.

1:15 p.m. Session C.

David Sun, Alstom, Challenges with  
Practical Usage of Large-Scale  
Optimal Power Flow.

Herminio Pinto, Nexant, AC Optimal  
Power Flow for Day-Ahead Reactive  
Planning.

2:25 p.m. Break.

2:40 p.m. Session D.

Marija Ilic, Carnegie Mellon  
University and NETSS, Inc., Jeffrey  
Lang, Massachusetts Institute of  
Technology, NETSSWorks  
Software: An Extended AC Optimal  
Power Flow (AC XOPF) for  
Managing Available System  
Resources.

3:40 p.m. Break.

3:50 p.m. Session E.

Malcolm Metcalfe, Sempa Power  
Systems, Low-Cost Fast Regulation  
with Load-Based Regulation  
Services Network.

Franz Franchetti, Carnegie Mellon  
University, Trends in High-  
Performance Computing for Power  
Grid Applications.

5 p.m. Day 1 Conclusion,  
Richard O'Neill, FERC.

Thursday, June 24, 2010

9 a.m. Day 2 Welcome,

Richard O'Neill, FERC.

9:20 a.m. Session F.

Marija Ilic, Carnegie Mellon  
University and NETSS, Inc., AC  
Optimal Power Flow and Smart  
Grids.

Cong Liu, Argonne National  
Laboratory, Large-Scale Power Grid  
Simulation.

10:30 a.m. Break.

10:45 a.m. Session G.

Sven Leyffer, Argonne National  
Laboratory, AC Networks and  
Mixed-Discrete Global  
Optimization.

Srinivas Musunuri, AREVA T&D,  
Enhanced LP-Based Optimal Power  
Flow for Transmission Operations.

Noon Lunch.

1:15 p.m. Session H.

Ray Zimmerman, Cornell University,  
SuperOPF Framework.  
Sandy Aivaliotis, The Valley Group,  
Dynamic Line Ratings.

2:25 p.m. Break.

2:40 p.m. Session I.

Herminio Pinto, Nexant, Security-  
Constrained Economic Dispatch  
with Post-Contingency Corrective  
Actions.

3:15 p.m. Day 2 Conclusion,  
Richard O'Neill, FERC.

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**ENVIRONMENTAL PROTECTION AGENCY**

[EPA-R04-OAR-2010-0255-201017; FRL-9163-9]

**Adequacy Status of the Kentucky Portion of the Huntington-Ashland Tri-State Area 1997 Annual PM<sub>2.5</sub> Attainment Demonstration Insignificance Finding for Transportation Conformity Purposes****AGENCY:** Environmental Protection Agency (EPA).**ACTION:** Notice of Adequacy.

**SUMMARY:** In this notice, EPA is notifying the public that EPA has made an insignificance finding through the transportation conformity adequacy process for directly emitted fine particulate matter (PM<sub>2.5</sub>) and nitrogen oxides (NO<sub>x</sub>) emissions as contained in the 1997 PM<sub>2.5</sub> attainment demonstration for the Kentucky portion of the tri-state Huntington-Ashland nonattainment area. The tri-state Huntington-Ashland 1997 annual PM<sub>2.5</sub> nonattainment area is comprised of Boyd County, Kentucky; Cabell and Wayne Counties, West Virginia; Lawrence and Scioto Counties, Ohio;