

DOE/OE TRANSMISSION RELIABILITY PROGRAM

Internal Program Review

June 3–4, 2014

[Renaissance Washington DC Downtown](#)

999 Ninth Street NW, Washington, DC 20001

Meeting logistics: Dana Robson, LBNL (cell: 415-335-1679)

Draft Agenda

Tuesday, June 3 (Day 1)

- 7:30 am Morning refreshments available
- 8:00 am Welcome, Introductions, DOE remarks
Joe Eto, Lawrence Berkeley National Laboratory
Phil Overholt, US DOE, OE Transmission Reliability Program

SESSION I (all sessions allow 20 minutes for presentations/10 minutes for Q&A)

- 8:30 am Synchrophasor Standards Support and Development
Allen Goldstein, NIST
- 9:00 am Advanced Synchrophasor Metrology
Paul Ewing, Oak Ridge National Laboratory
- 9:30 am Technology Assessment for Next Generation PMU
Mark Buckner, Oak Ridge National Laboratory
- 10:00 am Break

SESSION II

- 10:30 am Model Validation Project
Bernie Lesieutre, University of Wisconsin
- 11:00 am WECC Frequency Response Tool
Pavel Etingov, Pacific Northwest National Laboratory
- 11:30 am Analysis of Emerging Multi-Terminal HVDC
Harold Kirkham, Pacific Northwest National Laboratory
- Noon Lunch and group discussion

SESSION III

- 1:00 pm Measurement-Based Stability Assessment
John W. Pierre, University of Montana
- 1:30 pm Development and Testing Oscillation Management System
Vaithianathan (Mani) Venkatasubramanian, Washington State University
- 2:00 pm Spectral Analysis of Power Grid PMU Data
Frank Tuffner, Pacific Northwest National Laboratory
- 2:30 pm Dynamic System Identification (DSI) Toolbox Capabilities Update
Frank Tuffner, Pacific Northwest National Laboratory
- 3:00 pm Break

SESSION IV

3:30 pm	Automatic Reliability Reports (ARR) Research & Implementation <i>Alejandro Dominguez-Garcia and Pete Sauer, University of Illinois</i>
4:00 pm	Automatic Reliability Reports (ARR) Research & Implementation <i>Carlos Martinez, ASR, Inc.</i>
4:30 pm	Reliability Standards Analysis and Assessment <i>Song Xue, Electric Power Group</i>
5:00 pm	Adjourn Day 1
6:30 pm	No-host Dinner Bistro D'Oc 518 Tenth Street NW, Washington DC Upstairs dining room

Wednesday, June 4 (Day 2)

7:30 am	Morning refreshments available
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SESSION V

8:00 am	Synchrophasor Data Validation <i>Simon Mo, Electric Power Group</i>
8:30 am	Synchrophasor Data Conditioning and Validation <i>Jim Thorp, Virginia Tech</i>
9:00 am	Voltage Stability <i>Scott Ghiocel, Rensselaer Polytechnic Institute</i>
9:30 am	BPA Wide-Area Damping Control <i>Dave Schoenwald, Sandia</i>
10:00 am	Break

SESSION VI

10:30 am	Baselining Studies and Analysis <i>Bharat Bhargava, Electric Power Group</i>
11:00 am	Baselining Studies and Analysis <i>Brett Amidan, Pacific Northwest National Laboratory</i>
11:30 am	Powerline Conductor Accelerated Testing (PCAT) <i>Philip Irminger, Oak Ridge National Laboratory</i>
Noon	Wrap Up, Joe Eto
12:30 pm	Adjourn