FY12 DOE – CERTS Transmission Reliability R&D Internal Program Review

June 12-13, 2012

LBNL Project Office
901 D St., SW
Washington DC
Nancy Lewis' cell: 510.918.3155

Revised Agenda: June 5, 2012

June 12, Day 1

7:30:   **Refreshments**
8 – 8:30:   **Welcome, Introductions, DOE remarks**
                 Phil Overholt, DOE; Carl Imhoff, PNNL; Joe Eto, LBNL

SESSION I: 20 minute presentations & 10 minutes Q&A

8:30 – 9:   Measurement-Based Stability Assessment, Dan Trudnowski, University of Montana
9 – 9:30:   Mode Meter Development, Ning Zhou, PNNL
9:30 – 10:   Oscillation Monitoring System, Mani Venkatasubramanian, WSU

10 – 10:30: **Break**

SESSION II: 20 minute presentations & 10 minutes Q&A

10:30 – 11: Baselining Studies and Analysis, Brett Amidan, PNNL
11 – 11:30: Baselining Studies and Analysis, Bharat Bhargava, EPG
11:30 – 12: Spectral Analysis of Power Grid PMU Data, Ning Zhou, PNNL

12 – 1:   **Lunch**

SESSION III: 20 minute presentations & 10 minutes Q&A

1 – 1:30:   IEEE-IEC Harmonization, Ken Martin, EPG
1:30 – 2:   Real Time Simulation of Power Grid Operation and Control, Mani Venkatasubramanian, WSU

2 – 2:30:   **BREAK**

SESSION IV: 10 minute presentations & 10 minutes Q&A

2:30 – 2:50:   NASPI Leadership and Task Team Technical Support, Jeff Dagle, PNNL
2:50 – 3:10   NASPI Technical Support for OITT and Operations of NERC-TVA NASPI
                   Synchrophasor Network and RTDMS Installation, Jim Dyer, EPG
3:10 – 3:30:   NASPI Leadership and Task Team Technical Support, Joe Gracia, ORNL
3:30 – 3:50:   NASPI ESG and ARRA RFP support, Joe Eto, LBNL

3:50 – 4:10:   **BREAK**

SESSION V: NASPI Transition Planning Presentation 20 minutes followed by a group project planning discussion

4:10 – 5:   Joe Eto, presenter / facilitator

6: 30:   **No Host Dinner, Bistro D'oc, http://www.bistrodoc.com**
             518 Tenth St, NW, Washington DC, (202) 393 5444
             RSVP to NJLewis@lbl.gov
             Join us in the upstairs dining room

June 13/ Day 2
7:30:   **Refreshments**

SESSION VI: 20 minute presentations & 10 minutes Q&A
8 – 8:30:   **Real-Time Wide-Area Monitoring Tool Based on Characteristic
                Ellipsoid Method (CELL),** Yuri Makarov, PNNL
8:30 – 9:   **Modal Analysis for Grid Operations (MANGO),** Henry Huang, PNNL
9 – 9:30:   **New Security Tools for Real-Time Operations,** Jim McCalley, Iowa State
                University

9:30 – 10:   **Break**

SESSION VII: 20 minute presentations & 10 minutes Q&A

10 – 10:30:   **Automatic Reliability Reports (ARR) Research & Implementation,**
                  Carlos Martinez, ASR, Inc.
10:30 – 11:   **Automatic Reliability Reports (ARR) Research & Implementation,** Pete
                  Sauer, University of Illinois
11 – 11:30:   **Reliability Standards Analysis and Assessment,** Gil Tam, EPG
11:30 - 12:   **Wrap Up,** Joe Eto