

**DOE/OE TRANSMISSION RELIABILITY and RELIABILITY & MARKETS
PROGRAM PEER REVIEW MEETING**
June 14, 2017 | Kimpton Hotel Palomar
2121 P Street NW, Washington, DC 20037

Agenda

8:00 am Welcome, Introductions, DOE remarks – breakfast available
Joe Eto, Lawrence Berkeley National Laboratory
Phil Overholt, US DOE, OE Transmission Reliability Program

SESSION I (30 minutes for presentations/10 minutes for Q&A)

8:15 am Models and Strategies for Optimal Demand Side Management in the Chemical Industries
Michael Baldea, University of Texas at Austin

9:00 am Economical and Engineering Aspects of Proactive Demand Participation: Centralized versus Bilateral Control Structure
Nanpeng Yu, University of California at Riverside

9:45 am Multi-Stage and Multi-Timescale Robust Co-Optimization Planning for Reliable and Sustainable Power Systems
Lei Wu, Clarkson University

10:30 am BREAK – 15 minutes

SESSION II (30 minutes for presentations/10 minutes for Q&A)

10:45 am Management of Risk and Uncertainty through Optimized Cooperation of Transmission System and Microgrids with Responsive Loads
Lindsay Anderson, Cornell University

11:30 am Flexible Service Contracting for Risk Management within Integrated Transmission and Distribution Systems
Zhaoyu Wang, Iowa State University Science & Tech

12:15 pm LUNCH

SESSION III (20 minutes for presentations/10 minutes for Q&A)

1:00 pm Impact of Coordinated Aggregation of DER on Bulk Power System Performance
Alejandro Dominguez-Garcia, University of Illinois at Urbana-Champaign

1:35 pm Managing Uncertainty in the Modern Power System
Eilyan Yamen Bitar, Cornell University

2:10 pm Probabilistic Forecast of Real-Time LMPs
Lang Tong, Power Systems Engineering Research Center (PSERC)

2:45 pm BREAK – 15 minutes

6/5/17

**DOE/OE TRANSMISSION RELIABILITY and RELIABILITY & MARKETS
PROGRAM PEER REVIEW MEETING**
June 14, 2017 | Kimpton Hotel Palomar
2121 P Street NW, Washington, DC 20037

Agenda, Page 2

SESSION IV (20 minutes for presentations/10 minutes for Q&A)

- 3:00 pm On Valuing System Inertia and Fast Storage Response
Ti Xu, University of Illinois at Urbana-Champaign
- 3:35 pm Dynamic Reserve Policies for Market Management Systems
Kory Hedman, Arizona State University
- 4:10 pm Random Topology Power Grid Modeling and Automated Simulation Platform
Zhifang Wang, Virginia Commonwealth University
- 4:45 pm Adjourn
- 6:00 pm No-host dinner at Urbana, the restaurant at Kimpton Hotel Palomar