

Transmission Innovation Symposium: Modernizing the U.S. Electrical Grid

May 19 (12:00 - 4:30 Eastern) and May 20, (12:00 - 2:30 Eastern)

Agenda

Wednesday, May 19

- 12:00 PM - 12:10 PM** **Welcome and Logistics**
—Sandra Jenkins, US DOE Office of Electricity
- 12:10 PM - 12:30 PM** **DOE Keynote**
—Patricia Hoffman, Acting Assistant Secretary, US DOE Office of Electricity
- 12:30 PM - 1:00 PM** **Invited Keynote**
—Wanda Reder, President and Chief Executive Officer, Grid-X Partners, LLC and Chair DOE Electricity Advisory Committee
- 1:00 PM - 2:00 PM** **Grid Operations**
—Anjan Bose, Washington State University
—Tom Overbye, Texas A&M University (presenter)
- Panelists:
—Ken McIntyre, Executive Director, System and Operations Integration, Midcontinent Independent System Operator
—Sandra Ellis, Interim Director, Transmission Grid Operations, Pacific Gas and Electric
- 2:00 PM - 2:15 PM** **Break**
- 2:15 PM - 3:15 PM** **Distribution Integrated with Transmission Operations**
—Chen-Ching Liu, Virginia Polytechnic and State University
—Emma M. Stewart, National Rural Electric Cooperative Association (formerly of Lawrence Livermore National Laboratory) (presenter)
- Panelists:
—Leonard Kula, Chief Operating Officer and Vice-President, Planning, Acquisition and Operations, Independent Electricity System Operator
—Matthew Gardner, Director – System Protection, Power Delivery Group, Dominion Energy
- 3:15 PM - 3:30 PM** **Break**

3:30 PM - 4:30 PM

Automatic Control Systems

- Jeff Dagle, Pacific Northwest National Laboratory
- Dave Schoenwald, Sandia National Laboratories (presenter)

Panelists:

- Ryan D Quint, Senior Manager, BPS Security and Grid Transformation, North American Electric Reliability Corporation
- Greg Zweigle, R&D Fellow Engineer, Schweitzer Engineering Laboratories

Thursday, May 20

12:00 PM - 12:15 PM

Welcome and Logistics

- Sandra Jenkins, US DOE/OE

12:15 PM - 1:15 PM

Hardware and Components

- Chris O'Reilly, Oak Ridge National Laboratory
- Tom King, Oak Ridge National Laboratory (presenter)
- Edgar Lara-Curzio, Oak Ridge National Laboratory
- Zhi Li, Oak Ridge National Laboratory
- Madhu Chinthavali, Oak Ridge National Laboratory
- Lingwei Zhan, Oak Ridge National Laboratory
- Travis Smith, Oak Ridge National Laboratory
- Mike Marshall, Oak Ridge National Laboratory

Panelists:

- Andrew Phillips, Vice President, T&D Infrastructure, Electric Power Research Institute
- Jeffrey G. Hildreth, Electrical Engineer, Diagnostics, Metrology and Laboratories, Bonneville Power Administration

1:15 PM - 1:30 PM

Break

1:30 PM - 2:30 PM

Economic Analysis and Planning Tools

- Jessica Lau, National Renewable Energy Laboratory (presenter)
- Benjamin F. Hobbs, Johns Hopkins University (presenter)

Panelists:

- John Buechler, Executive Director, Eastern Interconnection Planning Collaborative
- Tim Heidel, Chief Technology Officer, VEIR, Inc.