

U.S. Department of Energy
Smart Grid R&D Peer Review

Robert W. Galvin Center for Electricity Innovation
Illinois Institute of Technology
10 W 35th Street
Chicago, Illinois 60616
August 16-17, 2016

AGENDA

Tuesday, August 16, 2016: Microgrid R&D

7:45 am	Registration and Continental Breakfast
8:10 am - 8:20 am	Welcome Representative, IIT
8:20 am – 8:40 am	Overview of Smart Grid R&D Program Dan Ton, U.S. Department of Energy
8:40 am - 9:20 am	DER-CAM Modeling and Outreach Michael Stadler, LBNL
9:20 am - 10:00 am	Complete System-Level Efficient and Interoperable Solution for Microgrid Integrated Controls (CSEISMIC) Michael Starke, ORNL
10:00 am - 10:20 am	Break
10:20 am - 11:00 am	Development of Reconfigurable Advanced Distribution System (RADS) Implemented through Advanced Integrated μ Grids with Dynamic Boundaries Jianhui Wang, ANL
11:00 am - 11:40 am	Adaptive Protective Relaying for Microgrids Mohamed El Khatib, SNL
11:40 am - 12:20 pm	The Alaska Microgrid Partnership Ian Baring-Gould, NREL
12:20 am - 1:20 pm	Lunch
1:20 pm – 2:00 pm	Structuring Distribution Management Systems Jianhui Wang, ANL
2:00 pm – 2:40 pm	Microgrid Controller Testing in RTDS Testbed Michael Starke, ORNL

AGENDA (CONTINUED)

2:40 pm - 3:20 pm	Microgrid Controller HIL Development Kendall Nowocin , <i>MIT Lincoln Laboratory</i>
3:20 pm - 3:40 pm	Break
3:40 pm - 4:20 pm	Military Microgrid Cybersecurity Scoping Study Jason Stamp , <i>SNL</i>
4:20 pm - 5:00 pm	Microgrid Cost Study Julieta Giraldez , <i>NREL</i>
5:00 pm	Adjourn for Day 1

Wednesday, August 17, 2016: Resilient Electric Distribution Grid R&D

7:45 am	Registration and Continental Breakfast
8:00 am - 8:40 am	Resilient Electric Distribution Grid R&D (Smart Cities) Kevin Schneider , <i>PNNL</i>
8:40 am - 9:20 am	Fast Response to Major Outages in Secondary Distribution Networks Chen-Ching Liu , <i>Washington State University</i>
9:20 am - 10:00 am	National Resilience Framework Guenter Conzelmann , <i>ANL</i>
10:00 am - 10:20 am	Break
10:20 am - 11:00 am	A Closed-Loop Distribution System Restoration Tool for Natural Disaster Recovery Chen Chen , <i>ANL</i>
11:00 am - 11:40 am	LPNORM: A LANL, PNNL, and NRECA Optimal Resiliency Model Russell Bent , <i>LANL</i>
11:40 am - 12:20 pm	Micro PMU Framework Emma Stewart , <i>LBNL</i>
12:20 pm	Adjourn the Review Meeting