

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

DRAFT AGENDA

Tuesday, August 16, 2016: Microgrid R&D

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| 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 |

DRAFT AGENDA (CONTINUED)

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| 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

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| 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 |