

# DOE Microgrids R&D Program Peer Review

## *October 1-2, 2024*

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Host: Ning Kang

Revision Number: v.4  
Date agenda revised: 8/7/2024

## Tuesday, October 1, 2024

INL Meeting Center, 775 MK Simpson Blvd., Idaho Falls

*Lobby*

- 11:30 Registration Check In.....
- 12:00 Lunch Networking .....
- 1:00 Welcome ..... Shannon Bragg-Sitton  
*Idaho National Laboratory*
- 1:15 Overview of Microgrids R&D Program ..... Dan Ton  
*U.S. Department of Energy*
- 1:30 MG-RAVENS: MicroGrid Research Application VErbal Normalization Scheme.....David Fobes  
*Los Alamos National Laboratory (Lead)*
- 2:30 Tools for Ports Electrification Planning.....Andrea Mammoli  
*Sandia National Laboratories*
- 3:10 Resilient Electric Distribution Grid R&D (Resilient Ports) .....Francis Tuffner  
*Pacific Northwest National Laboratory*
- 3:50 Break.....
- 4:10 Advanced Protection for Microgrids and DER in Secondary Networks and Meshed Distribution Systems.....  
.....Matthew Reno  
*Sandia National Laboratories*
- 4:50 Cyber-Physical Microgrid Hardening to Harsh Environments for Underserved Indigenous Communities.....  
.....Jack Flicker  
*Sandia National Laboratories*
- 5:30 Net-zero Microgrid Program & Resilient Microgrid Corridor ..... Timothy McJunkin  
*Idaho National Laboratory*
- 6:10 Adjourn.....
- 6:45 No Host Dinner.....

## Wednesday, October 2, 2024

### INL Meeting Center, 775 MK Simpson Blvd., Idaho Falls

#### Lobby

7:30 Arrival.....

#### B102

8:00 Enabling a Decarbonized, Equitable Grid with Microgrid Building Blocks ..... Chen-Ching Liu  
*Virginia Tech (Lead)*

9:00 Block-level Approach for Risk Mitigation in Electricity Networks ..... Miguel Heleno  
*Lawrence Berkeley National Laboratory*

9:40 Capacity Congestion Solutions for Enhanced Distribution Operation under Grid Services and Market Participation of DERs.... Guenter Conzelmann  
*Argonne National Laboratory*

10:20 Break.....

10:40 DynaGrid: Dynamic Microgrids for Large-Scale DER Integration and Electrification.....Andrey Bernstein  
*National Renewable National Laboratory (Lead)*

11:40 Self-Assembling Microgrids for Resilient Distribution Systems of the Future ..... Vaibhav Dondé  
*Lawrence Livermore National Laboratory*

12:20 Break.....

12:30 Lunch .....

1:20 Walk to Energy Systems Laboratory .....

### Energy Systems Laboratory, 750 MK Simpson Blvd., Idaho Falls

1:30 Energy Systems Laboratory Tour..... Ning Kang  
*Idaho National Laboratory*

2:20 Return to INL Meeting Center/Break .....

### INL Meeting Center, 775 MK Simpson Blvd., Idaho Falls

#### Lobby

2:30 Depart for Optional Site Tour ..... INL Transportation

3:30 Tour Electric Grid Test Bed, Obsidian Test Pad, Energy Technology Proving Ground ..... Jake Gentle  
*Idaho National Laboratory*

4:30 Depart for Idaho Falls..... INL Transportation

5:30 Arrive at INL Meeting Center/Conclude.....