

AGENDA

DOE Microgrid Workshop

July 30-31, 2012

[IIT Galvin Center for Electricity Innovation](http://e2rg.com/events)

10 W. 35th Street, 16th Floor, Chicago, IL 60615

Transportation services will be provided among the meeting location, the Renaissance Blackstone Chicago Hotel, and the reception location. (See shuttle details on the workshop website, <http://e2rg.com/events>)

Sunday, July 29

6:00-7:30 pm Pre-workshop Reception at the Galvin Center

Day 1, Monday, July 30

8:00 Continental Breakfast at the Galvin Center

8:30-9:30 am Opening Plenary Session

- Welcoming Remarks
Illinois Institute of Technology (IIT)
- Panel on International Microgrid Development

9:30-3:00 pm Lessons Learned and Best Practices on Microgrid Development and Operations

9:30 **Sendai Microgrid (Japan)**
Satoshi Morozumi, NEDO
Keiichi Hirose, NTT Facilities
Hiroshi Irie, Mitsubishi Research Institute

10:15 Break

10:30 **Microgrid with an Open, Scalable Architecture**
Rush Robinett, Sandia National Laboratories

11:15 **Selected European Microgrid Demonstrations**
Nikos Hatziargyriou, National Technical University of Athens, Greece
Britta Buchholz, ABB AG, Germany

Noon **Lunch (Provided by the Workshop)**

AGENDA – DOE MICROGRID WORKSHOP

- 1:00 **Twentynine Palms Marine Base Microgrid**
Sumit Bose, GE Global Research
Marques Russell, US Marine Corps
- 1:45 **Santa Rita Jail Microgrid**
Eduardo Alegria, Chevron Energy Solutions
- 2:30 **Campus Microgrid at the Illinois Institute of Technology**
Mohammad Shahidehpour, Illinois Institute of Technology
- 3:15 **Break**

3:30-5:00 pm Identification of Technical Topics for Further Definitization at Day-2 Breakout Sessions

- 3:30 **Brainstorming Session to Identify a List of Technical Topics of Interest**
Facilitated discussions to draw a list of technical topics of interest from attendees based on what they have heard from lessons-learned presentations and their own knowledge and experience. The preliminary list of topics developed by the Workshop Planning Committee and distributed to the attendees will be used as a starting point of session discussions to make additions, deletions, and changes.
- 4:30 **Identification of the Top-12 Technical Topics from the List for Day-2 Discussions**
Show of hands by attendees for voting each technical topic identified of interest to be either on the top-12 or non-top-12 list.

5:00-5:30 pm Organization of Day-2 Breakout Sessions

Two technical topics from the top-12 list will be assigned to a breakout session for Day-2 discussions. Each attendee will be asked to join one of the six breakout sessions established for Day 2; re-assignment of attendees will be made, if necessary, for balanced, adequate representations in each breakout session. The facilitator/note-taker for each session will be introduced to session attendees.

- 5:30 **Adjourn for the Day**

6:30-7:30 pm Workshop Reception (Location TBD)

AGENDA – DOE MICROGRID WORKSHOP

Day 2, Tuesday, July 31

8:00 **Continental Breakfast at the Galvin Center**

8:30-1:30 pm **Concurrent Breakout Sessions #1-6**

For each technical topic of assignment, facilitated discussions to develop an actionable plan. A list of questions developed by the Planning Committee should be referred to while developing the following action plan elements:

- Objectives
- Needs and challenges
- R&D gaps in terms of functional requirements
- R&D metrics
- R&D outcome

Noon **Lunch (Provided by the Workshop)**

2:00-4:00 pm **Closing Plenary**

2:00 **Report-out by Spokesperson of Each Breakout Session (~15 minutes each, including Q/A)**

For each technical topic:

- Objectives
- Needs and challenges
- R&D gaps in terms of functional requirements
- R&D metrics
- R&D outcome

3:30 **Feedback and Facilitated Discussion from Attendees Including Recommendations and Next Steps**

3:50 **Closing Remarks**

Dan Ton and Merrill Smith, Program Managers, DOE Smart Grid R&D Program

4:00 **Workshop Adjourn**

4:00 – 5:30 pm **Tour of IIT Microgrid (Optional)**

5:30 Shuttle bus(es) returning to the Renaissance hotel

Wednesday, August 1

8:00 – 11:00 am **Tour of S&C Facilities (Optional)**

8:00 Shuttle bus(es) departing from the Renaissance hotel

11:00 Shuttle bus(es) returning to the Renaissance hotel