

AGENDA

DOE Microgrid Workshop

August 30-31, 2011

The Meeting Rooms at Fifteen
UC San Diego, San Diego, CA

<http://hdh.ucsd.edu/fifteen/photos.asp>

Transportation services between the meeting location and Sheraton La Jolla Hotel will be provided.
Daily shuttle schedules are listed at the end of the agenda.

Day 1, Tuesday, August 30

7:30 **Continental Breakfast at the Meeting Rooms at Fifteen**

8:30 **Opening Plenary Session**

▪ **Welcoming Remarks**

Gary Matthews, Vice Chancellor for Resource Management & Planning, UC San Diego

▪ **DOE Goal of Microgrid Development and "Setting the Stage" for the Workshop**

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

▪ **Breakout Group Assignments & Technical Session Ground Rules**

Breakout Group #1	Breakout Group #2
Lead: Tom King, ORNL Facilitator: Lee Krevat, SDG&E Note-taker: W. Maria Wang, E2RG	Lead: Jason Stamp, SNL Facilitator: Byron Washom, UCSD Note-taker: Mustafa Biviji, E2RG
<ul style="list-style-type: none">- <u>Switch technologies</u> (Technical leads: Greg Martin, NREL / Scott Kolek, Encorp)- <u>Control and protection technologies</u> (Technical leads: Aleks Dimitrovski, ORNL / Le Tang, ABB Inc.)- <u>Inverters</u> (Technical leads: Barak Ozpineci, ORNL / Leo Casey, Satcon)	<ul style="list-style-type: none">- <u>Standards and protocols</u> (Technical leads: Ben Kroposki, NREL / Charlie Vartanian, A123 Systems)- <u>System design and economic analysis tools</u> (Technical leads: Jason Stamp, SNL / Mike Clark, Encorp)- <u>System integration</u> (Technical leads: Juan Torres, SNL / Phil Smith, Honeywell Building Solutions)

9:40 **Break**

10:00 **Concurrent Breakout Groups 1 & 2**

For each bulleted technical session above, facilitated discussions to reach consensus on a prioritized list of R&D areas. Address the following for each R&D area, in priority order:

- Baseline Performance
- Performance Targets and their significance
- Actionable Plan to include scope, end goals, milestones, schedules, and roles of participants

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

1:00 **Concurrent Breakout Groups 1 & 2, Continued**

5:00 **Adjourn for Day 1**

5:30 **Networking Reception**, sponsored by CleanTECH San Diego

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Day 2, Wednesday, August 31

7:30 **Continental Breakfast at the Meeting Rooms at Fifteen**

8:30 **Closing Plenary Session**

- **Report-out by spokesperson of each technical session:**
 - Priority of R&D topic areas
 - For each R&D Area:
 - Baseline vs. R&D performance targets
 - Needs and significance
 - Actionable R&D plan

10:00 **Break**

10:20 **Closing Plenary Session, Continued**

- **Continued report-out by spokesperson of each technical session**
- **Feedback and facilitated discussions from attendees including recommendations and next steps**

11:40 **Closing Remarks**

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

Noon **Workshop Adjourn (Box lunch provided by the Workshop)**

Optional Tour

1:00 - 3:00 [UCSD's microgrid, 1.2MW of installed PV, and electric vehicle energy storage program facilities](#)

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Transportation Services:

Between Sheraton and The Meeting Rooms at Fifteen (~15 minute for a round trip):

August 30: Two shuttle buses are reserved, each with a capacity of 25
Departs Sheraton: 7:30, 7:40, 7:50, and 8:00 AM
Departs The Meeting Rooms at Fifteen: from 5:00 PM – 7:30 PM

August 31: Only one bus is available, with a capacity of 25
Departs Sheraton: 7:30, 7:45, and 8:00 AM
Departs The Meeting Rooms at Fifteen: from Noon – 1:00 PM

In addition, a driver with a passenger vehicle will be on call to transport attendees during the Workshop hours.

For the Tour:

Transportation will be provided for all tour participants and will include drop off at Sheraton after the tour ends.