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Smart Grid Peer Review

June 7-8, 2012
San Diego, California

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

San Diego Gas & Electric Energy Innovation Center
4760 Clairemont Mesa Blvd
San Diego, California
June 7-8, 2012

AGENDA

Thursday, June 7, 2012

8:00 am	Registration and Continental Breakfast
8:30 am - 8:40 am	Welcome David Geier , <i>Vice President Electric Operations, San Diego Gas & Electric</i>
8:40 am – 9:00 am	OE's R&D Division/Smart Grid R&D Program Hank Kenchington/Dan Ton , <i>U.S. Department of Energy</i> <i>Moderator – Dan Ton, U.S. Department of Energy</i>
9:00 am - 9:30 am	Smart Inverter Controls and Microgrid Interoperation at DECC Tom Rizy , <i>ORNL</i>
9:30 am - 10:00 am	CERTS Microgrid Test Bed Joe Eto , <i>Lawrence Berkeley National Laboratory</i>
10:00 am - 10:30 am	Break
10:30 am - 11:00 am	Energy Surety, Microgrids Mike Hightower , <i>Sandia National Laboratory</i>
11:00 am - 11:30 pm	Smart Grid Standards and Conformance Testing Tom Basso , <i>National Renewable Energy Laboratory</i>
11:30 pm - 12:00 pm	GridLAB-D and Integrated T&D Control David Chassin , <i>Pacific Northwest National Laboratory</i>
12:00 pm - 1:00 pm	Lunch <i>Moderator – Eric Lightner, U.S. Department of Energy</i>
1:00 pm - 1:30 pm	GridWise Architecture Council Ron Melton , <i>Pacific Northwest National Laboratory</i>
1:30 pm - 2:00 pm	Expanded Demand Response Functionality Graham Parker , <i>Pacific Northwest National Laboratory</i>
2:00 pm - 2:30 pm	Integrated Smart Distribution RD&D Project (award Nov 2010) S. S. (Mani) Venkata , <i>Alstom</i>

AGENDA (CONTINUED)

2:30 pm - 3:00 pm	Enhanced DMS Capabilities Supporting Distribution Network DER Tristan E. Glenwright , <i>The Boeing Company</i>
3:00 pm - 3:30 pm	Break <i>Moderator – Merrill Smith, U.S. Department of Energy</i>
3:30 pm - 4:00 pm	Real-time Distribution Feeder Performance Monitoring, Advisory Control, and Health Management System (award Nov 2010) James Stoupis , <i>ABB Inc.</i>
4:00 pm - 4:30 pm	Fast Responding Voltage Regulator and Dynamic VAR Compensator (award Nov 2010) Andrew Dillon , <i>Varentec, Inc.</i>
4:30 pm - 5:00 pm	Wide Area Wireless Distribution Grid Sensor & Faulted Circuit Indicator System for Underground Assets (award Nov 2010) Jason Wilson , <i>On-Ramp Wireless</i>
6:00 pm - 8:00 pm	Reception

Friday, June 8, 2012

8:00 am	Continental Breakfast <i>Moderator – Merrill Smith, U.S. Department of Energy</i>
8:30 am - 8:50 am	Recovery Act - Pacific Northwest Smart Grid Demonstration Project Ron Melton , <i>Battelle Memorial Institute</i>
8:50 am - 9:10 am	Recovery Act - Los Angeles Department of Water and Power (LADWP) Smart Grid Regional Demonstration Project Mukhlesur Bhuiyan , <i>City of Los Angeles - Department of Water & Power</i>
9:10 am - 9:30 am	Recovery Act - AEP Ohio gridSMARTSM Demonstration Project Karen Sloneker , <i>Columbus Southern Power a unit of American Electric Power Company</i>
9:30 am - 9:50 am	Recovery Act - Secure Interoperable Open Smart Grid Demonstration Project Tom Magee , <i>Consolidated Edison Company of New York</i>
9:50 am - 10:10 am	Recovery Act - Irvine Smart Grid Demonstration (ISGD) Project Ardalan Kemiab , <i>Southern California Edison Company - Rosemead</i>
10:10 am - 10:30 am	Recovery Act - KCP&L Green Impact Zone Smart Grid Demonstration Edward Hedges , <i>Kansas City Power & Light Company</i>
10:30 am - 10:45 am	Break

AGENDA (CONTINUED)

10:45 am - 11:45 am	Smart Grid Panel Discussion moderated by Lee Krevat, SDG&E Panelists: Puesh Kumar, American Public Power Association Rogelio Sullivan, NC State University Matt Wakefield, EPRI
11:45 pm - 12:45 pm	Lunch Moderator – Dan Ton, U.S. Department of Energy
12:45 pm - 1:05 pm	Recovery Act - LIPA Smart Energy Corridor Project Ming Mui , Long Island Power Authority
1:05 pm - 1:25 pm	Recovery Act - Enhanced Demand and Distribution Management Regional Demonstration Craig Miller , National Rural Electric Cooperative Association (NRECA)
1:25 pm - 1:45 pm	Recovery Act - NSTAR Automated Meter Reading Based Dynamic Pricing Douglas Horton , NSTAR Electric and Gas Corporation
1:45 pm - 2:05pm	LANL Smart Grid Technology Test Bed Scott Backhaus , Los Alamos National Laboratory
2:05 pm - 2:25 pm	University of Hawaii Renewable and Distributed Systems Jay Griffin , University of Hawaii
2:25 pm - 2:45 pm	Integrated, Automated DG Technologies Demonstration Roger Weir , ATK Launch Systems
2:45 pm – 3:00 pm	Break Moderator – Eric Lightner, U.S. Department of Energy
3:00 pm - 3:20 pm	Demonstration of a Coordinated and Integrated System Bill Becker , Spirae, Inc.
3:20 pm - 3:40 pm	Interoperability of Demand Response Resources in New York Andre Wellington , Consolidated Edison Company of New York
3:40 pm - 4:00 pm	Dramatic Residential Demand Reduction in the Desert Southwest Robert F. Boehm , University of Nevada, Las Vegas
4:00 pm - 4:20 pm	The Perfect Power Prototype for the Illinois Institute of Technology Mohammad Shahidehpour , Illinois Institute of Technology
4:20 pm - 4:40 pm	CERTS Microgrid Demonstration with Large Scale Energy Storage & Renewable Generation Eduardo Alegria , Chevron Energy Solutions
4:40 pm - 5:00 pm	SDG&E Borrego Springs Microgrid Tom Bialek , San Diego Gas & Electric
5:00 pm	Adjourn