



U.S. Department of Energy
Office of Electricity Delivery & Energy Reliability

Electric Distribution



FY06 Annual Program and Peer Review Meeting

San Ramon, California
May 25-26, 2006

AGENDA

Wednesday, May 24

5:00-6:00 p.m. *Optional* Distribution Utility Integration Test (DUIT) Facility Tour

Thursday, May 25

7:00 – 8:00 a.m. **Continental Breakfast**
Registration

Plenary Session

8:00 – 8:10 a.m. Welcome
Stewart Ramsay, PG&E

8:10 – 8:30 a.m. Office of Electricity Delivery and Energy Reliability Update
Bill Parks, Department of Energy (DOE)

8:30 – 8:50 a.m. Energy Systems Integration Program
Laurie Ten Hope, CEC PIER

8:50 – 9:10 a.m. EPRI's 2006 Portfolio in Distribution Systems and Automation
Wade Malcolm, EPRI

9:10 – 9:30 a.m. Electric Distribution R&D
Eric Lightner, DOE

9:30 – 9:50 a.m. **Break**

Program Session 1: Distribution Planning, Operations, and Automation

Session Chair: Joseph Mavec, DOE

9:50 – 10:20 a.m. Advanced Protection Methods for SCE's Circuit of the Future
George Rodriguez, Southern California Edison (SCE)

10:20 – 10:50 a.m. 3G System of the Future
Dave Cohen, Infotility

10:50 – 11:20 a.m. Integrated Distribution Management System
Joe Schatz, Southern Company

11:20 – 11:50 a.m. Advanced Integration of Distributed Resources
Hawk Asgeirsson, Detroit Edison

11:50 – 1:00 p.m. **Luncheon**

Program Session 1 (cont.): Distribution Planning, Operations, and Automation

Session Chair: Eric Lightner, DOE

- 1:00 – 1:30 p.m. **Fault Location Analysis and Prediction**
Mark McGranaghan, EPRI Solutions
- 1:30 – 2:00 p.m. **Cable Diagnostic Focused Initiative**
Rick Hartlein, NEETRAC/ GateWay
- 2:00 – 2:30 p.m. **GridApp Project #1: Advanced Monitoring of Distribution Assets**
Doug Fitchett, American Electric Power
- 2:30 – 3:00 p.m. **GridApp Project #2: Autonomous Storm Detection/Adaptive Relaying**
Karl Fickey, FirstEnergy
- 3:00 – 3:20 p.m. **Break**

Session Chair: Joseph Mavec, DOE

- 3:20 – 3:50 p.m. **Distribution Systems Fault Analysis**
Anupam Thatte, Concurrent Technologies Corporation
- 3:50 – 4:20 p.m. **Modern Grid Initiative**
Steve Pullins, Science Applications International Corporation
- 4:20 – 4:50 p.m. **Integrated Control of Power Systems**
Ali Feliachi, West Virginia University
- 4:50 – 5:20 p.m. **Load Control, System Reliability Project**
Dan Trudnowski, Montana Tech
- 6:00 – 7:30 p.m. **Reception**

Friday, May 26

7:00 – 8:00 a.m. **Continental Breakfast
Registration**

Program Session 2: Distributed Resources, Microgrids, and Load Management

Session Chair: Joseph Mavec, DOE

8:00 – 8:30 a.m. Distribution Utility Integration Test
Susan Horgan, Distributed Utility Associates

8:30 – 9:00 a.m. MicroGrid Design, Development and Demonstration
Sumit Bose, GE Global Research Center

9:00 – 9:30 a.m. Enhance Business Case for CERTS Microgrid
Bob Lasseeter, University of Wisconsin

9:30 – 10:00 a.m. Northwest Regional GridWise Demonstration
Don Hammerstrom, Pacific Northwest National Laboratory

10:00 – 10:20 a.m. **Break**

Program Session 3: Architecture & Standards Development and Adoption

Session Chair: Eric Lightner, DOE

10:20 – 10:50 a.m. GridWise Architecture
Steve Widergren, PNNL

10:50 – 11:20 a.m. Interconnection Standards Development
Tom Basso and Dick DeBlasio, National Renewable Energy Laboratory (NREL)

11:20 – 11:50 a.m. Regional Implementation of IEEE 1547
Tom Basso, NREL and Brad Johnson, ACN Energy Ventures LLC

11:50 – 12:00 p.m. **Closing Remarks**
Eric Lightner, DOE

12:00 p.m. **Adjourn**

Agenda is final as of May 22, 2006. For further information on the FY06 ED R&D Annual Program and Review Meeting, including final meeting materials, visit <http://www.energetics.com/electricdist06.html>.