
Draft Agenda

DISTRIBUTED ENERGY RESOURCES FOR FEDERAL FACILITIES

May 23-24, 2002
Atlanta Marriott Marquis Hotel
Atlanta, Georgia

WEDNESDAY, MAY 22, 2002

6:30 pm **No Host Informal Dinner for Early Arrivals**
Max Lager's American Grill & Brewery
320 Peachtree St., Atlanta, Georgia
Telephone: 404-525-4400

THURSDAY, MAY 23, 2002

Continental Breakfast

7:00 am **Registration**
Continental Breakfast

8:00 am **Opening Plenary Session**

Welcome and Introductory Remarks

- **Rich Combes**, U.S. Department of Energy, Atlanta Regional Office
- **Lisa Hollingsworth**, Federal Energy Management Program (FEMP) Manager, U.S. Department of Energy, Atlanta Regional Office
- **Beth Shearer**, Director, Federal Energy Management Program, U.S. Department of Energy, Washington, D.C.
- **Danny Orlando**, ENERGY STAR® Regional Coordinator, U.S. Environmental Protection Agency, Region 4

8:30 am **Keynote Presentation**

Mark Ginsberg, Member, Board of Directors and Former Associate Deputy Assistant Secretary, Office of Energy Efficiency and Renewable Energy, U.S. Department of Energy

9:00 am **Distributed Energy Resources: What Are They? How Do They Work? What Are Their Benefits to the Environment, Energy-Reliability, Security, Power Quality and Demand Response?**

- **Microturbines: Capstone**
- **Engines: GE**

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- **Combustion Turbines: Solar Turbines**
 - **Fuel Cells: FCE**
 - **Renewables: Steve Kalland**, N.C. Solar Center
 - **Hybrids: Keith Davidson**, EnergyNexus Group, Inc.
- Moderator: Keith Davidson**, EnergyNexus Group, Inc.

10:30 am **Break in Exhibit Area**

- 11:00 am **Implementing DER Projects at Federal Facilities**
- *Assessing Opportunities at Your Site*, **Walt Smith**, ETSI Consulting
 - *Steps in the Process – Planning a Federal DER Project*, **Joe Ianucci**, Distributed Utility Associates

- 12:00 pm **Luncheon**
- **Featured Speaker: Green Power Purchases as an Alternative to On-site DER Using Renewable Energy**, **Gary Harris**, Tennessee Valley Authority

- 1:00 pm **Case Studies of Successful DER Projects in Federal Facilities**
- *DOD, U.S. Army CERL – Fuel Cells*, **Mike Binder, Sam Logan**
 - *National Institutes of Health – CHP/DG*, **Bob Hollis, PEPCO, Farhad Memarzadeh, NIH**
- Moderator: **Keith Kline**, ORNL

- 2:00 pm **Introduction to Breakout Sessions**
- Leaders of each breakout session to present short (2-4 minutes) introduction of the topics to be covered in his/her breakout session and the resource persons available.

2:30 pm **Breakout Sessions, I – Getting the Job Done: Information and Assistance in Implementing DER Projects**

Energy Analysis and Feasibility Studies

- **Keith Kline**, ORNL, Facilitator
- **Billy Wise**, Southern Company Services, Resource Person
- **Abbas Akhil** Sandia National Laboratory, Resource Person
- **Marion Rawson**, Energetics, Note-Taker

Contracting Tools (e.g., Super ESPC, UESCs) and Private Financing

- **Doug Culbreth**, DOE, Atlanta Regional Office, Facilitator
- **TBD**, Resource Person
- **Traci Leath**, DOE ARO, Note-Taker

Utility Interface – Rate Schedules, Interconnection, Backup Power

- **Trina Brown**, NREL, Facilitator
- **John Kelly**, Tampa Electric Company, Resource Person
- **Julia Kelly**, ORNL, Note-Taker

Regulations, Permits, Code Issues

- **Jan Brinch**, Energetics, Inc., Facilitator
- **Dr. Carolyn Drake**, Southern States Energy Board and **James Capp**, Georgia Environmental Protection Division, Resource Persons
- **Terri Roberts**, Atlanta Regional Office, Note-Taker

Each workshop participant is to select one session.

- 3:30 pm **Break in Exhibit Area**
- 4:00 pm **Breakout Sessions, II** – Breakout sessions repeated; participants select a second session.
- 5:00 pm **Adjourn – Day 1**
- 5:30 pm **Reception**
Dinner on Your Own

DAY 2, MAY 24, 2002

- 7:00 am **Continental Breakfast**
- 8:00 am **Review of Day 2** – **Rich Combes**, Atlanta Regional Office, DOE
- 8:05 am **Government Purchasing – Using It to Your Advantage for DER**
- **Mel Long**, General Services Administration (GSA)
- 8:30 am **Case Studies – Session 2**
- *Ft. Bragg* – Large Industrial Gas Turbine, CHP, **Jim Peedin**
 - *Mountain Home VA Hospital* – Thermal Storage, **San Dellario and Julie Payne**, CEM, Energy Systems Group
- Moderator, **Julia Kelly**, ORNL
- 9:30 am **Case Studies – Continued**
- *Philadelphia Mint* – Back Pressure Steam Plant, **Marcos Irizarry**, U.S. Mint, **Elodie Michael**, TurboSteam
 - *National Park Service* – PV or Wind, **Jim Dunlap**, Florida Solar Energy Center, **Warren Zurn**, S.E. Region Green Parks Program Coordinator, National Park Service
- 10:30 am Break in Exhibit Area

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- 11:00 am **FEMP Resources – Available Financial and Technical Assistance from the Federal Energy Management Program**
- **Shawn Herrera**, FEMP, U.S. Department of Energy
 - **Doug Culbreath**, U.S. Department of Energy, ARO
- 11:15 am **Distributed Energy Resources – What We’ve Learned About DER and How We Can Use It**
- **Capt. Jack Surash**, Naval Facilities Energy Command (NAVFAC)
- 11:45 am **Wrap up and Adjourn**
- **Beth Shearer and Rich Combes**, DOE
- 1:00 – 4:00 pm **Informal Meeting Opportunities for Participants, Speakers, and Resource Persons**