

# FY2001 ENERGY STORAGE SYSTEMS PEER REVIEW AGENDA

November 14-15, 2001  
Doubletree Hotel, Crystal City, VA

## Wednesday, November 14, 2001

- 7:45 am      **Continental Breakfast**
- 8:30          [Welcome and Overview](#) – Dr. Imre Gyuk, DOE
- 8:40          **DER and the DOE Perspective** – Bill Parks, ADAS, Office of Power Technologies, DOE
- 9:00          [ESS Program Overview](#) – John Boyes, Sandia
- 9:25          [Study of Second Use of EV Batteries in Stationary Applications](#) – Irwin Weinstock, Sentech
- 9:50          [Conceptual Design of Boulder City Project](#) – Larry Stoddard, Black & Veatch
- 10:15        **Break**
- 10:30        [Power Quality Events in Silicon Valley](#) - Grayson Heffner, Lawrence Berkeley National Laboratory
- 10:55        [Univ. of Maryland DER/Battery System](#) – Mindi Farber de Anda, Energetics
- 11:20        [Super Capacitor / Microturbine System Modeling](#) – Satish Ranade, New Mexico State University
- 11:45        **Lunch – on your own**
- 1:00 pm      [PV/Hybrid Systems Field Test Monitoring At Star](#) – Robert Hammond, Arizona State University
- 1:25          [Alternative RGS System Designs to Improve Battery Performance](#) – Dr. Phil Symons, EECI
- 1:50          [Alaska Battery-Diesel System](#) – Josh Pihl, Sentech
- 2:15          [Zinc Bromine Flow Battery Tests](#) – Mike Hughes, ZBB
- 2:40          **Break**

- 3:00**            [Super Conducting Flywheel Development](#) – Art Day, Boeing
- 3:25**            [Li Ion BESS](#) – Salah Oweis, SAFT
- 4:15 – 5:30**    **Electricity Storage Association (ESA) Panel Discussion: Energy Storage and National Security**
- 6:00 – 8:00**    **ESA Reception**

**Thursday, November 15, 2001**

- 8:30 am**        [Optically Isolated HV-IGBT MW Inverter](#) – Paul Duncan, Airak, Inc.
- 8:55**            [Development of Intelligent PCS for RGS](#) – Robert Wills, Advanced Energy Inc.
- 9:20**            [ETO Switch Development of PCS](#) – Alex Huang, Virginia Tech
- 9:45**            [Integration and Testing of Energy Storage w/ Facts Devices](#) – Dr. Mariesa Crow, University of Missouri - Rolla
- 10:10**          **Break**
- 10:30**          [Value of Reliability](#) – Joe Eto, Lawrence Berkeley National Laboratory
- 10:55**          [Vernon & Metlakatla VRLA Battery Monitoring](#) – Christopher John, GNB Industrial Power
- 11:25**          [Peru RAPS System Study](#) – Doug Danly, Orion Energy
- 11:50**          **Lunch on your own**
- 1:00 pm**        [RAPS Testing Methods](#) – Christina Termaath, Energetics
- 1:25**            [VRLA Battery Reliability Improvement](#) – Jennifer Miller, Energetics
- 1:50**            [Energy Requirements for a Digital Society](#) - Scott Hassell, RAND Corp.
- 2:15**            [Value of Storage for Restructured Utilities](#) – Joe Iannucci, Distributed Utility Association
- 2:40**            [EESAT](#) – Nancy Clark, Sandia
- 2:55**            **Conclusions** – Dr. Imre Gyuk, John Boyes