

July 14-16, 2008 | The Ivy Hotel | San Diego, CA

# POWER STORAGE

## Projects & Enabling Technologies Summit

### Draft Agenda

Rev 4/8

July 14, 2008, 1-5pm

*Pre-Conference Workshop:*

#### **STATUS AND OUTLOOK FOR ADVANCED POWER STORAGE SYSTEMS**

*Chairman:*

**Brad Roberts**, *Chairman*, Electricity Storage Association

1:00-1:15

*Chairman's Introduction*

**State of the Energy Storage Industry**

1:15-2:00

*Presentation 1:*

#### **Overview of Storage Technologies, Applications, and Research**

In recent years utility size Energy Storage has moved from promising concept, to pioneering application, to near commercial installations. In some ways this development is spurred by the success of batteries with increasing energy density required for the burgeoning personal electronics market such as laptops, cellular phones, or i-pods. The advent of hybrid automobiles appears to be the next step in the deployment of storage technologies. But the energy and power requirements for storage in utility applications are many orders of magnitude larger and so it is not surprising that different technologies are needed and the successes on the small electronics and hybrid car level do not simply scale up. A portfolio of available technologies such as flywheels, advanced batteries, flow batteries, and compressed air will be discussed. Pilot applications for power quality, frequency regulation, renewable smoothing, microgrids, peak shaving, energy management, and renewable dispatch will be presented. Further research is underway to reduce cost, improve reliability, and increase energy density of storage technologies.

**Imre Gyuk**, *Program Manager, Energy Storage Research, DOE*

- 2:00-2:45      *Presentation 2:*  
**Market Size, Segmentation and Trends**  
**Gene Shlatz**, *Director*, Navigant Consulting Inc.
- 2:45-3:15      Break
- 3:15-4:00      *Presentation 3:*  
**Relative Pricing and Applications for Power Storage Systems**  
**Susan Schoenung**, *Longitude 122 West, Inc.*
- 4:00-4:30      *Presentation 4:*  
**Kent Holst**, *Development Director*, Iowa Stored Energy Park
- 4:30-5:00      *Panel Discussion:*  
**The Future of Power Storage Technologies**  
*Moderator:*  
**Brad Roberts**, *Chairman*, Electricity Storage Association  
*Panelists:*  
**Imre Gyuk**, *Program Manager*, *Energy Storage Research*, DOE  
**Gene Shlatz**, *Director*, Navigant Consulting Inc.  
**Kent Holst**, *Development Director*, Iowa Stored Energy Park  
*Septimus van der Linden*, *Brulin Associates*, (tentative)