

● **Title:** Grid System Workshop

**Time and Date:** Thursday, July 01, 2010 1:30 PM - 2:50 PM

**Venue:** Room 411+412 (4th Floor), Pacifico Yokohama

**Organizers:** NEDO, RE2010 Organizing Committee

**Language:** English

**Outline:**

For the transition to a more sustainable energy system and its operation, various kinds of energy storage system have been developed to compensate fluctuating output of renewable energy such as wind power and photovoltaic (PV) generation. Energy storage has been identified as a key technology for next generation power grid systems such as "Smart Grid". Leading experts in the field of energy storage in US will attend the workshop, and discuss on the roles of energy storage technologies toward realizing advanced grid system.

■ Jim Reilly, Reilly Associates, Consultant to NEDO Washington Office

“Importance of Energy Storage for the Smart Grid; Standards Developments in the U.S.; Interconnection Rules”

■ John Boyes, Manager, Energy Storage & Distributed Energy Resources, Sandia National Laboratories

“Energy Storage Technologies; DOE Research Program for Energy Storage; DOE ARRA Grants for Energy Storage Demonstration Projects”

■ Matt Lazarewicz, CTO, Beacon Power

“Flywheel Energy Storage for Frequency Regulation on the Grid”

■ Haukur Asgeirsson, Manager, Detroit Edison - Power Systems Technologies

“Community Energy Storage; Energy Storage for the Integration of Renewable Energy”