



# ***DOE Update***

## ***NASPI Executive Steering Group***

**July 30, 2008**

**Phil Overholt**

**Office of Electricity Delivery and Energy Reliability**

# *Office of Electricity Delivery and Energy Reliability*

## *Electricity Advisory Committee*

- Advise on reliability, security and policy issues
- Review programs and initiatives
- Advise on current and future supply adequacy
- Identify emerging issues related to capacity, production, delivery, reliability, security and regulation
- Advise on coordination between DOE, State, regional officials, and the private sector on supply, demand, and reliability
- Advise on coordination between Federal, State, and utility industry in the event of disruption or emergency

<http://www.oe.energy.gov/eac.htm>

# *Office of Electricity Delivery and Energy Reliability*

## *Electricity Advisory Committee*

- Initial Meeting May 20 in Washington, DC
  - Linda Stuntz - Stuntz, Davis and Staffier, Chair
  - Yakout Mansour - CAISO, Vice Chair
- Two Subcommittees formed
  - Smart Grid Subcmte, Guido Bartels - IBM, Chair
  - Storage Subcmte, Brad Roberts – S&C, Chair
- Ad hoc working group formed to focus on Electricity Supply Adequacy
- Next Meeting September 25, 2008

# OE Requirements on Implementing Title XIII Smart Grid Requirements

- **Establish a Smart Grid Advisory Committee**
- **Establish a Federal Smart Grid Task Force**
- **Submit to Congress a report concerning the status of Smart Grid system deployments**
- **Submit to Congress a study of private wire laws on the development on combined heat and power facilities**
- **Submit to Congress a quantitative assessment concerning the security implications of Smart Grid system deployments**
- **Carry out a program to research, develop, and demonstrate Smart Grid technologies**
- **Smart Grid interoperability framework**
- **Establish a Smart Grid regional demonstration initiative showcasing advanced technologies**
- **Establish a federal matching funds program**

# *Smart Grid Activity*

- Smart Grid Implementation Workshop held June 19-20
- NARUC-FERC Smart Grid Collaborative meeting, July 20-23
- Federal Smart Grid Task Force Meeting July 28
- Smart Grid Subcommittee operating within the Electricity Advisory Committee
- NIST interoperability framework development
- Reports to Congress mandated under Title XIII

# Smart Grid Implementation Workshop

- **Conducted June 19-20, 2008, in DC, with broad stakeholder engagement to define Smart Grid functionalities and develop key metrics:**
  - Workshop limited to 150 attendees
  - Seven principal functionalities reaffirmed/sharpened
  - Metrics for each functionality were developed
  - Majority of attendees interested in a follow-on Smart Grid Work Shop to define R&D paths
  - Work Shop report at: [www.oe.energy.gov/smartgrid.htm](http://www.oe.energy.gov/smartgrid.htm)

# Communications and Outreach for Public Awareness

- **Smart Grid E-Forum, Two Held - May 19 and June 16**
  - Planned and co-sponsored with EEI
  - Objective is to share industry views on what constitutes a Smart Grid
  - Next E-Forum – register at [www.eei.org/DOESmartGrid2](http://www.eei.org/DOESmartGrid2)
- **GridWeek 2008, September 23-25, 2008 in DC**  
See [www.gridweek.com](http://www.gridweek.com) for details
- **Smart Grid Book**, a non-technical Smart Grid Primer, to be released at GridWeek
- **DOE Smart Grid Website** [www.oe.energy.gov/smartgrid.htm](http://www.oe.energy.gov/smartgrid.htm)