

## North American SynchroPhasor Initiative Working Group Meeting February 4-5, 2009

**Chaparral Suites Resort  
5001 North Scottsdale Road  
Scottsdale, Arizona 85250**

The first meeting of 2009 will focus on real-time data networks and cyber security. The meeting host is Salt River Project (SRP).

There will be a \$150.00 registration fee for meeting costs, refreshments, and lunch both days. Please register at <https://payment.nerc.net/orderforms/naspiworkshop.aspx> no later than January 26, 2009.

### *Final Agenda*

#### **Wednesday, February 4, 2009**

8:00 – 8:30 am	Registration (refreshments and networking)	
8:30 – 8:45 am	Welcome, Introductions, and Logistics Review	Stan Johnson, NERC
8:45 – 9:00 am	Welcoming Keynote	David Areghini, SRP
9:00 – 9:15 am	U.S. DOE Update and Comments	Phil Overholt, DOE Don Geiling, NETL
9:15 – 9:30 am	NERC Update and Comments	Stan Johnson, NERC
9:30 – 9:45 am	Summary of NASPI Activities and Priorities for 2009	Jimmy Glotfelty and Alison Silverstein
9:45 – 10:00 am	Break (refreshments and networking)	
10:00 – 10:30 am	WECC Wide-Area Measurement Systems (WAMS) Update	Ken Martin, Quanta Dave Hawkins, CAISO Bharat Bhargava, SCE
10:30 – 11:00 am	TVA Gen2 Update	Ritchie Carroll, TVA
11:00 – 12:00 am	Update on the NASPInet Specification Development (including extensive Q&A and discussion session)	Dr. Yi Hu and Dr. Matt Donnelly, Quanta Technology, LLC
12:00 – 1:00 pm	Lunch (provided)	
1:00 – 1:45 pm	Massively Deployed Sensors	Dr. Gerald Heydt, Arizona State University
1:45 – 2:15 pm	SRP Update on Open PMU Integration	Dr. Naim Logic and Bill Robertson, SRP
2:15 – 2:45 pm	Quality-of-Service Design Considerations for NASPInet	Dr. Dave Bakken, Washington State University
2:45 – 3:00 pm	Break (refreshments and networking)	
3:00 – 6:00 pm	Task Team Break Out Sessions	
6:00 – 8:00 pm	Reception	

**Thursday, February 5, 2009**

7:30 – 8:00 am	Morning Refreshments	
8:00 – 8:45 am	Evolution of Middleware Services for Real-time and Embedded Environments: A BBN perspective	Dr. Rick Schantz, BBN
8:45 – 9:00 am	NERC view on Cyber Security	Scott Mix, NERC
9:00 – 10:15 am	Panel Session – Case Studies of Cyber Security for Synchronphasor Implementation	Stan Johnson, facilitator Michael Tallent, TVA Dave Norton, Entergy Tony Johnson, SCE Mahendra Patel, PJM Mark McVey, Dominion
10:15 – 10:30 am	Break (refreshments and networking)	
10:30 – 11:00 am	Overview of the Trustworthy Cyber Infrastructure for the Power Grid Program	Dr. Himanshu Khurana, University of Illinois at Urbana- Champaign
11:00 – 12:00 pm	Task Team Report Outs	Team Leads
12:00 – 1:00 pm	Wrap up and lunch (provided)	Stan Johnson, NERC