



North American SynchroPhasor Initiative Working Group Meeting February 23-24, 2011

**Fort Worth Hilton
815 Main Street
Fort Worth, Texas 76102
*Final Agenda***

The first NASPI work group meeting of 2011 will be our vendor show, with exhibits and presentations from synchrophasor hardware, software and communications vendors.

Wednesday, February 23, 2011		
7:00 – 8:00 am	Registration, refreshments, and networking West Promenade and Crystal Ballroom CD (2d floor)	
8:00 – 8:10 am	Welcome, introductions and logistics review Crystal Ballroom CD	Lynn Costantini, NERC
8:10 – 8:25 am	Welcoming keynote	Jim Greer, SVP Asset Management and Engineering, Oncor
8:25 – 8:35 am	NERC update and comments	Lynn Costantini, NERC
8:35 – 8:40 am	NASPI Project Manager's update	Alison Silverstein, NASPI
8:40 – 8:50 am	U.S. DOE update and comments	Phil Overholt, DOE
8:50 – 9:05 am	DOE ARRA program tracking and metrics plans	Joe Paladino, DOE
9:05 – 9:35 am	Phasor-related interoperability standards update	Vahid Madani, PG&E Ken Martin, EPG, IEEE Damir Novosel, Quanta Technology
9:35 – 10:15 am	Vendor presentations – Applications <ul style="list-style-type: none"> • Alstom Grid – Using PMUs to enhance control center capabilities (Jay Giri, Manu Parashar) • OSIsoft – Using PI as a real-time and archival synchrophasor data system (Chuck Wells) 	
10:15 – 10:30 am	Break (refreshments and networking) -- East Promenade (2d floor) Refreshments sponsored by OSIsoft	
10:30 – 12:10 pm	Vendor presentations – Applications <ul style="list-style-type: none"> • Electric Power Group & CAISO – Going beyond visualization with synchrophasors at CAISO (Jim Dyer & Jim McIntosh, CAISO) • InStep Software & SCE – Supporting SCE's Smart Grid Initiative (Anthony Maurer & Tony Johnson, SCE) • Space-Time Insight – Real-time event analysis using complex event processing for actionable situational awareness (Chinni Ranganath) • Beijing Sifang Automation – PMU application in power system dynamic 	

	<p>monitoring and control (Bonian Shi)</p> <ul style="list-style-type: none"> Psymetrix Ltd. – New phasor data applications in Europe (Robert Folkes)
12:10 – 1:00 pm	Lunch (provided) -- East Promenade
1:00 – 2:00 pm	<p>Vendor presentations – Applications</p> <ul style="list-style-type: none"> Siemens Energy – Dynamic network and protection security of transmission systems (Edwin Lerch) V&R Energy – Region of Stability Existence Software (Marianna Vaiman) ERCOT & Electric Power Group – Using synchrophasor technology for wind integration and event monitoring in ERCOT (John Adams, Jian Chen, John Ballance, Abhijeet Agarwal)
2:00 – 3:00 pm	<p>SGIG Awardee project managers talk back – what they've heard and what they're looking for from applications</p> <p>Dmitry Kosterev, BPA Dave Bertagnolli, ISO-NE Kevin Frankeny, MISO Floyd Galvan, Entergy Tony Johnson, SCE Jim Kleitsch, ATC Jim McIntosh, CAISO Jim McNierney, NYISO Mahendra Patel, PJM Vickie Van Zandt, WECC</p>
3:00 – 3:15 pm	Break (refreshments and networking) – East Promenade Refreshments sponsored by Schweitzer Engineering Laboratories
3:15 – 6:00 pm	<p>Task Team break-out sessions</p> <p>PSTT – Citizens BC (3d floor) DNMTT – Crystal C OITT-PITT-RITT – Crystal D</p>
6:00 – 8:30 pm	<p>Reception and vendor show -- East and West Promenades Reception sponsored by Harris Corporation Vendors and exhibitors:</p>
	<p>ABB AB Alstom Grid Ametek Power Instruments Beijing Sifang Automation Co., Inc. Cisco Comminovo, Inc. Electric Power Group, LLC ERLPhase Power Technologies GE Digital Energy Grid Protection Alliance Harris Corp. InStep Software, LLC Mehta Tech, Inc. National Instruments</p> <p>OSIsoft, LLC Phasor Data, Inc. PowerWorld Corp. Qualitrol RTI Reflection Software, Inc. Schweitzer Engineering Laboratories Siemens Energy, Inc. SISCO Space Time Insight Studio Elektronike Rijeka Test Laboratories International, Inc. V&R Energy The Valley Group, a Nexans company</p>
Thursday, February 24, 2010	
7:30 – 8:00 am	Refreshments and networking Refreshments sponsored by Ametek -- Texas Ballroom Foyer (3d floor)
8:00 – 9:00 am	<p>Technical demonstration Real-time IEC 61850-90-5 interoperability demonstration between vendors Texas BCD Ballroom (3d floor)</p> <p>SISCO, Cisco, OSIsoft, InStep, Space-Time Innovations, GE Digital Energy, EPRI</p>

9:00 – 10:00 am	Concurrent technical panels	
	<p>Interoperability Technical Standards for Synchrophasors Crystal Ballroom CD</p> <ul style="list-style-type: none"> • IEC 61850-90-5 Basics -- what's new, what does it mean for future systems and devices, what does it mean for legacy systems and devices? (Alex Apostolov) • PDC Guide and Requirements -- performance and functional requirements, protocols and testing (Farnoosh Ramatian & Tony Weekes) • Guide for Synchronization, Calibration, Testing & Installation of PMUs (Allen Goldstein & Jim Hackett) 	
	<p>Phasor data quality and availability – system data quality issues and performance, where do we lose the data? Continental (3d floor)</p> <ul style="list-style-type: none"> • Joint presentation by Abhijeet Agrawal, Terry Bilke, Dan Brancaccio, Ritchie Carroll, Tony Faris, Jim Hiebert, Tony Johnson, Jim Kleitsch, Dmitry Kosterev, Jim McIntosh, Alison Silverstein 	
10:00 – 10:15 am	Break and refreshments – West Promenade Refreshments sponsored by Phasor Data, Inc.	
10:15 – 12:15 pm	<p>Vendor presentations – Hardware and Communications Crystal Ballroom CD</p> <ul style="list-style-type: none"> • Schweitzer Engineering Labs – Solutions for the synchrophasor community (Bill Flerchinger) • ERLPhase Power Technologies & Manitoba Hydro – Effective use of PMU data for continuous recording and communications using DFR (Krish Narendra & Tony Weekes, Manitoba Hydro) • Grid Protection Alliance -- Phasor Gateways – sooner better than later (Ritchie Carroll) • Harris Corp. – Implementing cost-effective, mission-critical networks without going broke (Mike Vine) • SISCO – Integration of phasor data using the IEC Common Information Model and PMU Registry (John Gillerman) • Real-Time Innovations – What is NASPInet anyway? (Stan Schneider) 	
12:15 – 1:00 pm	Lunch (provided) -- Promenade	
1:00 – 2:00 pm	Task Team Report-outs Crystal Ballroom CD	Task Team Leads
2:00 pm	Adjourn	