North American SynchroPhasor Initiative
Working Group Meeting
October 5-6, 2010

Westin Arlington Gateway
F. Scott Fitzgerald CDE Rooms
Arlington, VA

This NASPI work group meeting will feature reports and updates on technical interoperability standards development and the synchrophasor-related Smart Grid Investment Grant and Demonstration Grant projects.

There will be a $150 registration fee to cover meeting costs, refreshments and lunch on the two meeting days; the fee will rise to $250 after September 27, 2010. The meeting registration link is at https://payment.nerc.net/naspi/naspi_.aspx.

Final Agenda (9/29/2010)

Tuesday, October 5, 2010		
7:45 – 8:15 am	Registration, refreshments, and networking	
8:15 – 8:25 am	Welcome, introductions, and logistics review	Jeff Dagle (PNNL) Alison Silverstein (NASPI)
8:25 – 8:35 am	Welcoming keynote	Pat Hoffman (DOE)
8:35 – 8:45 am	NERC update and comments	Dave Hilt (NERC)
8:45 – 8:55 am	DOE update	Phil Overholt (DOE)
8:55 – 9:05 am	NASPI Project Manager's update	Alison Silverstein (NASPI)

9:05 – 10:30 am	NIST interoperability standards update part 1
	• Technical content of standards -- IEEE 61850 and IEC 37.118 harmonization and update
	• NIST update on interoperability standards, testing and certification initiatives, including NIST synchrometrology plans
	• PSTT initiatives on PMU-PDC interoperability
	• Expert panel on gaps
	  o PMUs
	  o PDCs
	  o Intra-PDC communications
	  o Data archiving and storage
	  o Interoperability and implementation agreements between solution providers?
	  o PMU standard testing
	  o Interoperability priority and holistic solutions
		Vahid Madani (PG&E)
		Gerry Fitzpatrick (NIST)
		Alex Apostolov (OMICRON)
		Ken Martin (EPG)
		Christoph Brunner
		
		Moderator: Damir Novosel
		Panel: GE, Alstom, SEL, Ametek, Fluke, PG&E

10:30 – 10:45 am	Break (refreshments and networking)	
10:45 – 11:05 am	DOE intro to phasor projects • Introduction • Metrics and reporting	Phil Overholt (DOE-OE) Joe Paladino (DOE-OE)
11:05 – 12:05 pm	SGIG presentations (using template) • ATC (Jim Kleitsch, ATC) • CCET SG Demo (David Bogen, Oncor) • MISO (Dave Zwergel, MISO)	
12:05 – 1:00 pm	Lunch (provided)	
1:00 – 1:10 pm	NERC keynote	Gerry Cauley (NERC)
1:10 – 2:10 pm	SGIG presentations (using template) • PJM (Chantal Hendrzak, PJM) • ISO-NE (Dave Bertagnolli, ISO-NE) • Duke Energy (Meghan Vutsinas, Duke)	
2:10 - 3:15 pm	Technical issue drill-down (part 1) Communications system implementations and interoperability • Two SGIG projects' communications network architectures • Two vendors' comments on off-the-shelf technologies and data exchange interoperability	Moderator: Paul Myrda (EPRI) Dan Brancaccio (Bridge Energy) Jim McNierney (NYISO) John Gillerman (Sisco) Jeffrey Taft (Cisco)
3:15 – 3:30 pm	Break (refreshments and networking)	
3:30 – 6:00 pm	Task Team break-out sessions	
6:00 – 7:30 pm	Reception (sponsored by Harris Corp.)	

Wednesday, October 6, 2010
7:45 – 8:15 am   Refreshments and networking

8:15 – 9:45 am	NIST Interoperability standards update (part 2) Testing and verification of interoperability • Update on NIST testbed for PMU-PDC testing • Time synchronization testbed • IEEE PSRC c5 report • Gaps in testing interoperability – expert panel	Gerry Fitzpatrick (NIST) Vahid Madani (PG&E) Moderator: Ron Farquharson (Enernex) Panel: Jim Hacket (MehtaTech) Sakis Meliopoulos (GaTech) Rahmatian (Quanta) Mladen Kezunovic (TX A&M) Harish Mehta (MehtaTech) Galina Antonova (GE)
9:45 – 10:00 am	Grid Protection Alliance update • PMU Registry • PDC Test Bench	Russell Robertson (GPA) Ritchie Carroll (GPA)
10:00 – 10:15 am	Break and refreshments	
10:15 – 11:15 am	SGIG presentations • WECC (Vickie Van Zandt, WECC and Mike Bianco, Bridge Energy Group) • NYISO (Dejan Sobajic, NYISO) • Florida Power & Light (Joe Schaefer, FP&L)	
11:15 – 12:15 pm	Technical issue drill-down 2 Phasor data quality, availability and validation • Within the PMU • Within the substation • Across substations • Across a wide-area	Dmitry Kosterev (BPA) Terry Bilke (MISO) Ritchie Carroll (GPA) Joe Chow (RPI) Matt Gardner (Dominion VA) Tony Johnson (SCE) Dan Brancaccio (Bridge Energy)
12:15 – 1:00 pm	Lunch (provided)	
1:00 – 2:30 pm	Task Team Report-outs	
2:30 pm	Adjourn	