



North American SynchroPhasor Initiative Working Group Meeting June 8-9, 2010

**VANCOUVER MARRIOTT PINNACLE HOTEL
PINNACLE ROOMS II & III
Vancouver, British Columbia**

This NASPI work group meeting will feature a variety of industry-leading synchrophasor technology applications from many countries. There will be a \$250 registration fee (including late charge) to cover meeting costs, refreshments and lunch on the two meeting days.

Final Agenda (June 4, 2010)

Tuesday, June 8, 2010		
8:00 – 8:30 am	Registration, refreshments, and networking	
8:30 – 8:40 am	Welcome, introductions, and logistics review	Jeff Dagle (PNNL) & Alison Silverstein (NASPI)
8:40 – 8:50 am	Welcoming keynote	Julius Pataky (BCTC)
8:50 – 9:00 am	NERC keynote	Ken Peterson (NERC Board of Trustees)
9:00 – 9:10 am	NERC update and comments	Dave Hilt (NERC)
9:10 – 9:25 am	DOE update	Phil Overholt (DOE)
9:25 – 9:35 am	NASPI Project Manager's update	Alison Silverstein (NASPI)
9:35 – 9:50 am	NIST interoperability standards update	Vahid Madani (PG&E)
9:50 – 9:55 am	COMTRADE for phasor data	Eric Allen (NERC)
9:55 – 10:10 am	Break (refreshments and networking)	
10:10 – 12:00 pm	International phasor applications <ul style="list-style-type: none"> • India – N.S. Sodha (POWERGRID India) -- Smart grid initiatives in EHV transmission sector in India • Finland – Katariina Saarinen (Fingrid Oyj) – Application of phasor measurement units and wide-area measurement systems in Finland • Norway – Dr. Kjetil Uhlen (SINTEF Energy Research) – Wide area monitoring and control activities in Norway and the Nordic power system 	
12:00 – 12:45 pm	Lunch (provided)	
12:45 – 2:15 pm	International phasor applications <ul style="list-style-type: none"> • India – Dr. S.A. Soman (IIT Bombay), Remote backup protection systems and NTP-based frequency measurement systems using synchrophasors • Sweden – Daniel Karlsson (Gothia Power) – Synchrophasor activities in CIGRE countries 	

	<ul style="list-style-type: none"> Italy -- Giorgio Giannuzzi (TERNA SpA) – Italian and European WAMS projects: state of the art
2:15 – 2:30 pm	Break (refreshments and networking)
2:30 – 5:00 pm	Task Team break-out sessions
6:00 – 7:30 pm	Reception – Shaughnessey Salon

Wednesday, June 9, 2010		
7:30 – 8:00 am	Refreshments and networking	
8:00 – 9:30 am	PMU location and ranking considerations -- presentations and discussion	Joe Chow (RPI) Vahid Madani (PG&E) Bob Cummings (NERC) Jim McIntosh (CAISO) Dejan Sobajevic (NYISO) Damir Novosel (Quanta Tech) John Undrill (John Undrill LLC)
9:30 – 10:30 am	International phasor applications <ul style="list-style-type: none"> Mexico – Enrique Martinez (Comision Federal de Electricidad) – Mexico's wide-area measurement systems Colombia -- Oscar Jose Arango Hernandez (XM Colombia) – Using PMUs to manage governor stability issues within the Colombian power system 	
10:30 – 11:00 am	Break and refreshments	
11:00 – 12:00 pm	International phasor applications <ul style="list-style-type: none"> New Zealand – Dr. Nirmal-Kumar Nair (University of Auckland) – Synchrophasors in the New Zealand Grid: operational experience and future applications Australia – Dr. Gerard Ledwich (Queensland University of Technology) – PMUs for dynamic identification and load modeling in Australia 	
12:00 – 1:00 pm	Lunch (provided)	
1:00 – 2:30 pm	Research update <ul style="list-style-type: none"> Western baselining and oscillatory behavior Eastern baselining results 	Dmitry Kosterev (BPA) Dan Trudnowski (Montana Tech) Mahendra Patel (PJM)
2:30 – 3:30 pm	Task Team Report-outs	
3:30 pm	Adjourn	