



**NASPI Work Group Meeting
October 28-30, 2019**

**The Westin Richmond
6631 West Broad Street
Richmond, Virginia, 23230**

The October NASPI Work Group meeting will be held in Richmond, Virginia, on October 28-30, 2019. This meeting will feature invited user success stories, NASPI Technology Partner presentations & vendor show, and a poster session. You will hear presentations from companies and individuals who are using synchrophasor technology successfully to solve specific challenges and the lessons they learned along the way. Our distinguished keynote speakers are Kevin Curtis, Vice President, Electric Transmission and David Roop, Director, Electric Transmission Operations & Reliability from Dominion Energy, Inc.

NASPI will host a complimentary Train-the-Trainer technical workshop on October 28, 2019 from 1:00-5:00PM also at The Westin Richmond. The Train-the-Trainer workshop is coordinated by Michael Cassiadoro, Total Reliability Solutions, LLC and chair of the NASPI Control Room Solutions Task Team. This session is designed for system operators and electric utility trainers that wish to incorporate the previously-developed eight-hour *Use of Time Synchronized Measurements in Real-Time Operations* training course into their respective training programs. This workshop will explain how the course was designed, review the course materials to ensure underlying knowledge requirements are met, and provide pointers on how customize the training materials to meet your company's specific needs. No registration is required to attend the Train-the-Trainer technical workshop.

Partnership Opportunities (a.k.a. Vendors): We are thrilled to announce an opportunity for our partners to address the NASPI Work Group attendees during the General Session. We are encouraging the partners to participate in our first ever NASPI Technology Partner Presentations. Each partner will have an opportunity to address the entire work group audience throughout the meeting. Partners, this is your opportunity to share your work, technological advancements, innovative ideas, and updates with the larger group which we hope will foster further networking and collaboration, in addition to the traditional tabletop display opportunities available throughout Tuesday and Wednesday to maximize networking opportunities.

NASPI Poster Session: Posters will be displayed Tuesday, October 29th, during the NASPI reception.

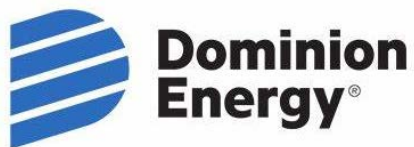
[NASPI Work Group registration](#). The registration fee is \$600 for regular attendees and \$175 for students.

<i>Draft Agenda 10/21/2019</i>	
Monday, October 28, 2019 - Chesapeake	
1:00 – 5:00 PM	Technical Workshop: Train-the-Trainer presented by Michael Cassiadoro
Tuesday, October 29, 2019 - Chesapeake	
8:00 - 9:00 AM	Registration and coffee – Foyer
9:00 - 9:10 AM	Welcome, Introductions, and Logistics Review – Jeff Dagle (PNNL)
9:10 - 9:20 AM	NASPI Program Update – Jeff Dagle (PNNL)
9:20 - 9:50 AM	Keynote Speaker: Kevin Curtis, Vice President, Electric Transmission, Dominion Energy, Inc.
9:50 - 10:05 AM	Department of Energy (DOE) update: Alireza Ghassemian
10:05 - 10:20 AM	Electric Power Research Institute (EPRI) update: Mahendra Patel
10:20 - 10:30 AM	North American Electric Reliability Corporation (NERC) update: Jeff Dagle
10:30 - 10:35 AM	NASPI Technology Partner Presentation: Schweitzer Engineering Laboratories, Inc., Greg Zweigle, Jared Bestebreur, Fernando Calero
10:35 - 10:50 AM	BREAK - Blue Ridge
10:50 - 11:10 AM	EIDSN - A Network of Sharing: Kent Simendinger
11:10 - 11:30 AM	Point on Wave (POW) next generation measurements perspective: Alison Silverstein
11:30 - 11:50 AM	Dominion Energy, Inc.: Kevin Jones
11:50 - 12:10 PM	Wildfire Mitigation Strategy: Falling Conductor Protection: Daniel Dietmeyer (SDG&E)
12:10 - 12:15 PM	NASPI Technology Partner Presentation: Electric Power Group, Frank Carrera

12:15 - 1:15 PM	LUNCH - Blue Ridge				
1:15 - 1:35 PM	Synchrophasor Data Quality Conditioning: Evangelos Farantatos (EPRI)				
1:35 - 1:55 PM	Transmission Services Corporation using Synchrophasor Technology: Sarma Nuthalapati (Lower Colorado River Authority)				
1:55 - 2:40 PM	Panel: Industry Perspective: Challenges and Use Cases for Deploying New PMUs: Shaun Murphy, PJM				
2:40 - 2:45 PM	NASPI Technology Partner Presentation: Dominion Energy Virginia, Matthew Gardner				
2:45 – 2:50 PM	NASPI Technology Partner Presentation: ERLPhase, Dave Colangelo				
2:50 - 3:10 PM	BREAK - Blue Ridge				
3:10 - 5:00 PM	Task Team Breakouts				
	Control Room Solutions Task Team <ul style="list-style-type: none">CRSTT business				
	Data & Network Management Task Team <ul style="list-style-type: none">DNMTT business				
	Distribution Task Team <ul style="list-style-type: none">DisTT business				
	Engineering Analysis Task Team <ul style="list-style-type: none">EATT business				
	Performance, Requirements, Standards & Verification Task Team <ul style="list-style-type: none">PRSVTT business				
6:00 - 8:00 PM	Vendor Show, Poster Session, and Reception - Blue Ridge: Salon ABC				
Wednesday, October 30, 2019 – Chesapeake					
8:00 - 9:00 AM	Registration and coffee – Foyer				
9:00 - 9:05 AM	Greeting and announcements: Jeff Dagle (PNNL)				
9:05 – 9:35 AM	Keynote Speaker: David Roop, Director, Electric Transmission Operations & Reliability, Dominion Energy, Inc.				
9:35 – 10:25 AM	Task Team report-outs (10 minutes each)				
	CRSTT	DisTT	DNMTT	EATT	PRSVTT
10:25 - 10:30 AM	NASPI Technology Partner Presentation: PingThings, Sean Murphy				
10:30 - 10:35 AM	NASPI Technology Partner Presentation: V&R Energy, Marianna Vaiman				
10:35 - 10:55 AM	BREAK - Blue Ridge				
10:55 - 11:15 AM	GPS security/spoofing - Tariq Rahman (SDG&E)				
11:15 - 11:35 AM	Transmission Grid Impacts of GPS Spoofing Attacks: Colin Ponce (LLNL)				
11:35 - 11:55 AM	Success?! A Journey to Full Distribution Situational Awareness: Heng (Kevin) Chen & Ben Kregel (ComED)				
11:55 - 12:15 PM	The DarkNet Project: David Wells (DOE)				
12:15 - 12:20 PM	NASPI Technology Partner Presentation: MathWorks, Graham Dudgeon & Michael Dolan				
12:20 - 1:20 PM	LUNCH - Blue Ridge				
1:20 – 1:40 PM	NASPInet 2.0 update - Jeff Taft (PNNL)				
1:40 - 2:40 PM	Panel: Synchronized Measurements from Disparate Sources – Moderator Matthew Rhodes (SRP), Sean Murphy (Ping Things), Kevin Jones (Dominion), Paul Myrda (EPRI), Greg Zweigle (SEL)				
2:40 - 3:00 PM	FOA 1861: Sandra Jenkins (DOE)				
3:00 - 3:20 PM	FOA 1492: Substation Secondary Asset Health Monitoring Using Synchrophasors (EPG DOE 850), Neeraj Nayak				
3:20 - 3:25 PM	NASPI Technology Partner Presentation: GE, Manu Parashar				
3:25 - 3:45 PM	BREAK - Blue Ridge				
3:45 - 4:05 PM	FOA 1492: Real-Time Applications Using Linear State Estimation Technology (EPG DOE 849), Neeraj Nayak				
4:05 - 4:25 PM	FOA 1492: Production Grade MV&C Application V2.0–Recent enhancements to overcome practical challenges from customer demos (GE DOE 858): Honggang Wang				
4:25 - 4:45 PM	FOA 1492: Grid Protection Alliance, Inc. DOE 859, Ritchie Carroll				
4:45 - 5:00 PM	SMS meeting preview: Aftab Alam (CASIO)				
5:00 PM	NASPI WG Meeting Adjournment				

NASPI would like to say **“THANK YOU”** to the following partners for their support

GOLD LEVEL PARTNERS



SILVER LEVEL PARTNERS



BRONZE LEVEL PARTNERS



If you are interested in becoming a meeting partner, please email Paul Myrda pmyrda@epri.com for additional information.