NASPI Novel Applications for Synchronized Power Instrumentation

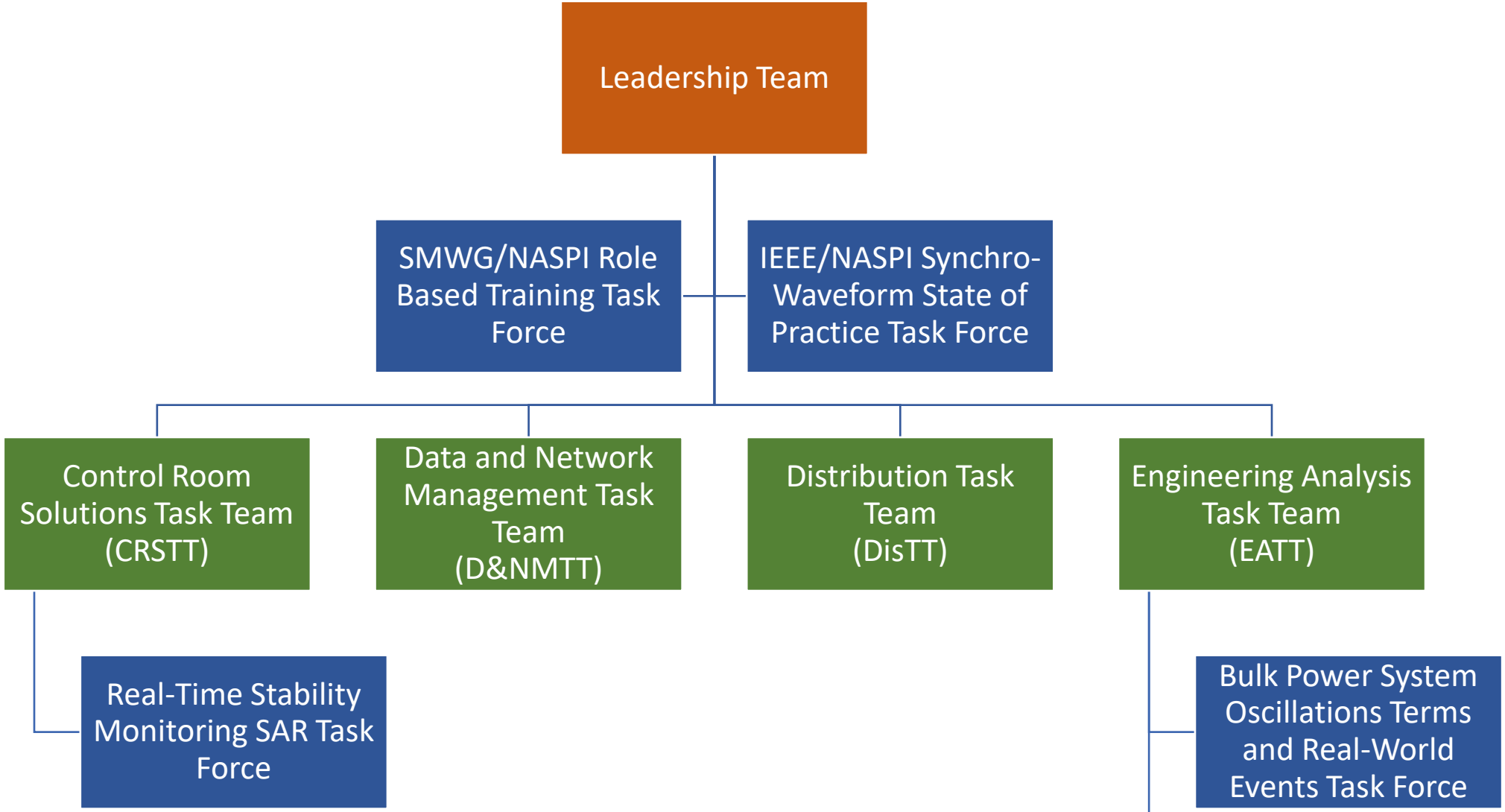
A DOE-EPRI Joint Initiative

Welcome to the NASPI Quarterly Task Team Meetings

NASPI Update

U.S. DEPARTMENT OF ENERGY
Pacific Northwest NATIONAL LABORATORY
EPRI ELECTRIC POWER RESEARCH INSTITUTE

PNNL-SA-219465



Interested in joining a task team or task force?
Email naspi@pnnl.gov!

Meeting Cadence

January	Quarterly Task Team Meetings
February, March	Winter Webinar Series
April	In-Person Work Group Meeting ➢ Task Team Breakouts
May, June, August	Summer Webinar Series
July	Quarterly Task Team Meetings
Sept./Oct./Nov.	Hybrid Work Group Meeting ➢ Task Team Breakouts
Monthly/As Needed	Task Force Meetings

Task Team Meetings

Wednesday, January 21

Control Room Solutions Task Team (CRSTT) | 9:00 – 10:50 (PT) / 12:00 – 1:50 (ET)
Engineering Analysis Task Team (EATT) | 11:00 – 12:50 (PT) / 2:00 – 3:50 (ET)

Thursday, January 22

Distribution Task Team (DisTT) | 9:00 – 10:50 (PT) / 12:00 – 1:50 (ET)
Data & Network Management Task Team (DNMTT) | 11:00 – 12:50 (PT) / 2:00 – 3:50 (ET)

- Please ensure you're muted when not speaking
- Slides and recording will be posted to the NASPI website

NERC SMWG/NASPI for Role-Based Synchrophasor Training Task Force

- Leadership: Clifton Black (Southern Company) & Eric Andersen (PNNL)
- Mission: To develop and deliver comprehensive, role-specific training modules on synchrophasor technology that recognize and address the needs of all stakeholders within the utility ecosystem.
- Status: Draft training content expected by the April work group meeting
- Help needed:
  - Contributors for section on use of synchrophasors in compliance
  - Content reviewers
- Email naspi@pnnl.gov to get involved!

IEEE/NASPI Synchro-Waveform State of Practice Task Force

- Leadership: Hamed Mohsenian-Rad (University of California, Riverside) & Kaustav Chatterjee (PNNL)
- Mission: Document the current state-of-practice and emerging interest in deployment of the synchro-waveform measurement technologies in North America and assess utilities' readiness to integrate these measurements into operational practices.
- Status: Questionnaires developed for utilities and vendors
- Please email naspi@pnnl.gov to receive the survey!

Winter Webinar Series

- Recent Advancements in Technology and Applications of Synchrophasor Measurements: Findings of the CIGRE JWG C4/C2.62
  - Athula Rajapakse, University of Manitoba
  - February 18 at 10:00 PT / 1:00 ET
- PMU Adequacy for Monitoring Data Center Oscillations
  - Kaustav Chatterjee, PNNL
  - March 18 at 10:00 PT / 1:00 ET
- Register today for these free webinars on the NASPI website!

Events Archive

AUG 20

Post-Commissioning Monitoring Aspects of IEEE P2800.2

Webinar

IEEE P2800.2 is currently being drafted. It defines recommended practices for conformity assessment procedures that should be used to verify plant-level conformity with IEEE Std 2800 for IBR plants interconnecting with a bulk power system. An IBR plant level conformity needs to be assessed not only...

Event Date **Aug 20, 2025** Format **Virtual** Contact **Jim Follum (james.follum@pnnl.gov)**

JUN 25

Developing Methods for Locating Oscillation Sources by Extracting Interharmonic Components from Synchrophasor Data - Wilsun Xu

Webinar

Recent advancements in power system oscillation research have revealed that phasor oscillations originate from the beating-wave phenomenon of voltage and current waveforms. Fourier analysis of these waveforms shows that certain spectral components, known as interharmonics, are the principal...

Event Date **Jun 25, 2025** Format **Virtual** Contact **Jim Follum (james.follum@pnnl.gov)**

From Date
mm/dd/yyyy

To Date
mm/dd/yyyy

Sort by
Most recent first

Apply

Type Show all (270)

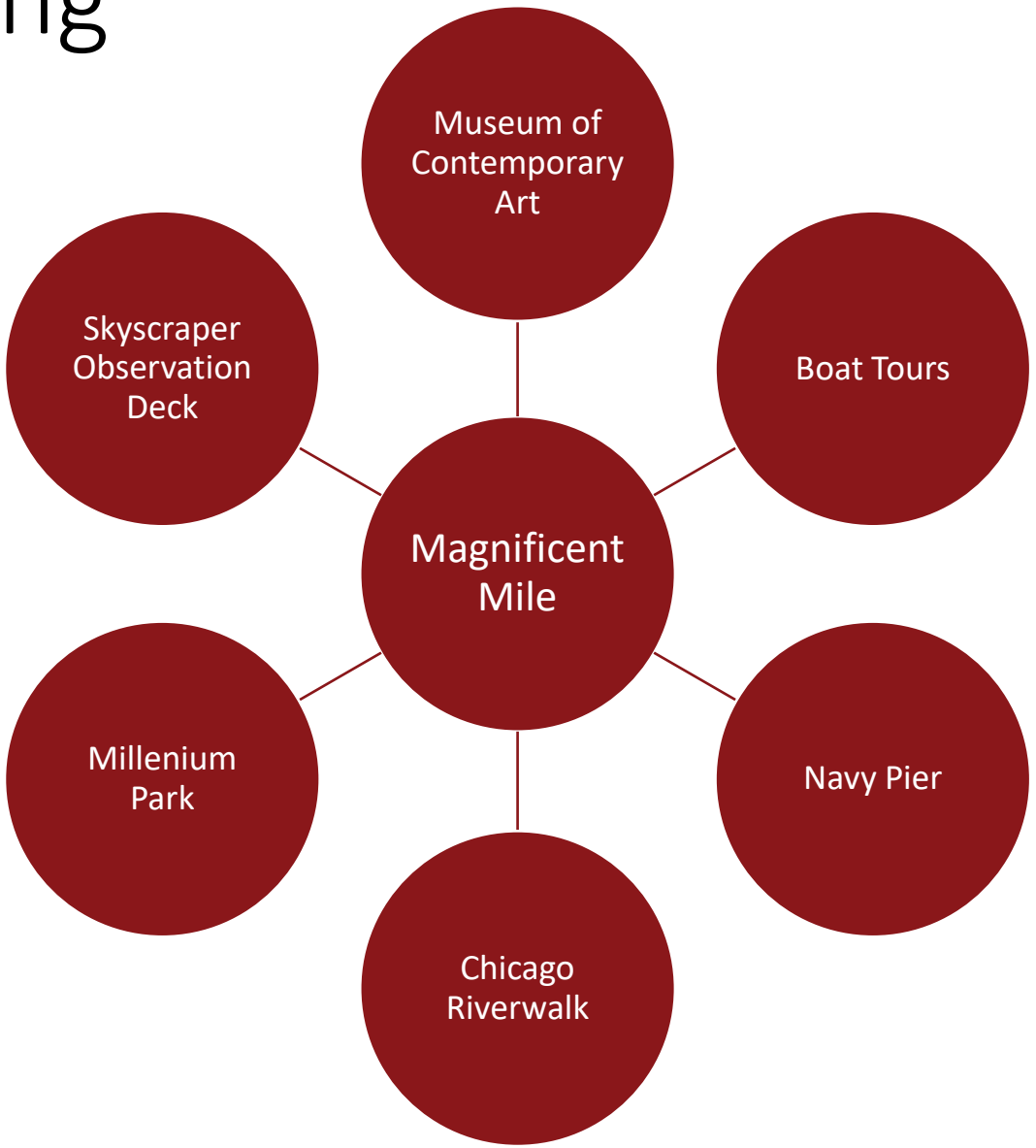
- [x] Webinar (35)
- [ ] Task Team Meeting (171)
- [ ] Work Group Meeting (46)
- [ ] Workshop (18)

Spring Work Group Meeting

- Chicago, IL – In-Person
- April 14-15, 2026
  - NERC Synchronized Measurement Working Group (SMWG) – April 16
- New: Professional Development Hours will be available!
- Call for abstracts closes Feb. 1
- Early bird registration open now through March 16
- More info and register: www.naspi.org/events

Spring Work Group Meeting

- Chicago, IL – In-Person
- April 14-15, 2026
  - NERC Synchronized Measurement Working Group (SMWG) – April 16
- New: Professional Development Hours will be available!
- Call for abstracts closes Feb. 1
- Early bird registration open now through March 16
- More info and register: www.naspi.org/events



U.S. DEPARTMENT OF ENERGY | Pacific Northwest NATIONAL LABORATORY | EPRI ELECTRIC POWER RESEARCH INSTITUTE

NASPI Awards!

- Categories
  - NASPI Volunteer of the Year
  - MVPs for CRSTT, DNMTT, EATT, and DisTT
  - Outstanding Students of the Year
    - Graduate
    - Undergraduate
  - Outstanding Utility of the Year
- Submit your nomination by February 11

NASPI Novel Applications for Synchronized Power Instrumentation

A DOE-EPRI Joint Initiative

Thank you for attending the NASPI Quarterly Task Team Meetings

Send us an email at:

naspi@pnnl.gov

Visit our website for news and information:

https://www.naspi.org

U.S. DEPARTMENT OF ENERGY

Pacific Northwest NATIONAL LABORATORY

EPRI ELECTRIC POWER RESEARCH INSTITUTE