

Performance Requirements, Standards & Verification Task Team

- Task Team Co-Leaders:
 - Jim O'Brien, Duke Energy
 - Farnoosh Rahmatian, NuGrid Power
- Task Team Support:
 - Teresa Carlon, PNNL

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<https://www.naspi.org/node/535>

PRSVTT Mission Statement

The PRSVTT is a group of professionals from utilities, academia, manufacturers and government. Our aim is to help the adoption of phasor measurement technology through standardization. We provide a forum for discussing, developing and monitoring requirements. We identify areas where synchrophasor technology would benefit from guidelines and standards. We coordinate the development of these guidelines with other NASPI task teams and, as appropriate, migrate those guides to IEEE Power & Energy Society (PES) Working Groups.

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- System requirements and monitoring
- Standards and guidelines development and coordination
- Migration between versions of standards and interaction with standard-setting bodies
- Performance requirements for data exchange
- System interoperability and compatibility testing, conformance, and certification

PRSVTT – Oct. 6, 2021

- Ongoing Work

- 3 white papers related to Analyzing PMU performance requirements for Synchrophasor based Control Applications
 1. Survey of Existing PMU applications Around the World and Classification (K. S. Sajan)
 2. Analyzing Synchrophasor Performance Requirements for Synchrophasor based Control Applications (Pratim Kundu)
 3. Data Quality Impacts on Synchrophasor based Control Applications (Pratim Kundu)
- All three are shared in draft form for input from NASPI community.

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- Ongoing Work

- Survey of instrument transformers connected to installed PMUs – Farnoosh Rahmatian
 - Reduced to a simplified format (<5 minutes to respond)
 - **Need utility participants**, please contact
 - Teresa Carlon: teresa.carlon@pnnl.gov or
 - Farnoosh Rahmatian: frahmatian@nugridpower.com



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