

# Performance Requirements, Standards & Verification Task Team

- Task Team Co-Leaders:
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- Task Team Support:
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## 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.

## Performance Requirements, Standards & Verification Task Team

- 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 – 4/17/2019

### IEEE Updates

- C37.242 Guide for Synchronization, Calibration, Testing, and Installation of Phasor Measurement Units (PMUs) for Power System Protection and Control – Allen Goldstein
- C37.118.2 Standard for Synchrophasor Data Transfer for Power Systems – Vasudev Gharpure
- P2664 Standard for Streaming Telemetry Transport Protocol – Ken Martin

## PRSVTT– 4/17/2019

### Ongoing Work

1. Synchrophasor data under fault conditions – Nuwan Perera
2. Analyzing PMU performance requirements for Synchrophasor based Control Applications – Pratim Kundu
3. Survey of instrument transformers connected to installed PMUs – Farnoosh Rahmatian

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- Discussion / Ideas for new projects

