Performance Requirements, Standards & Verification Task Team

- Task Team Co-Leaders:
  - David Bertagnolli, New England ISO
  - Jim O’Brian, Duke Energy
  - Farnoosh Rahmatian, NuGrid Power

- Task Team Technical Support: Henry Huang/PNNL

- Task Team Administrative Support: Teresa Carlon/PNNL
PRSVTT Update – 10/14/2015

- Dave Bertagnolli (& Tony Weekes)
  - Guide on “Application Requirements and Benefit Metrics” transitioning into the Value Proposition Document

- Allen Goldstein and Tony Johnson
  - Call for volunteers to contribute to IEEE Std. C37.118.2-2011 update work towards preparation for conformance testing
  - NASPI-wide PMU Application Requirements Task Force (PARTF) – draft white paper coming up for review
Three paper presentations

- UCSD – Event detection using complex phasor data – Raymond de Calafon (UCSD) & Charles Wells (OSIsoft)
- Hydro Quebec – Real-time phasor simulation test-bed for secondary voltage control of power grids using wide-area measurements – Arvin Morattab, Oussima Akhrif & Maarouf Saad (École de Technologies Supérieure, Montreal)
- In-field testing and validation of synchrophasor-based Remedial Action Scheme – A. Malikeswaran, P. Banerjee, A Srivastava, D. Bakken & P. Panciatici (Washington State University)
New business and proposals

1. Synchrophasor data “during” fault conditions
   - Both measurement and communication aspects
   - Tentative lead - Krish Narendra

2. Distribution PMU
   - For basic applications (not requiring micro-PMU performance)
   - Are C37.118.1 M and P classes with 1% TVE sufficient or do we need additional accuracy/resolution classes?
   - Metering and power quality applications
     - Synchronized metering?
   - Tentative lead – Ray Hayes

3. Instrument transformers behind PMUs (CTs, PTs, CVTs, …)
   - Survey of what is present behind “today’s” installed PMUs
   - Info for registry
   - Tentative lead – Farnoosh Rahmatian and Mahendra Patel