

**Performance Requirements, Standards, & Verification Task Team (PRSVTT) Minutes  
December 8, 2017**

Jim O'Brien ([Jim.O'Brien@duke-energy.com](mailto:Jim.O'Brien@duke-energy.com)) and  
Farnoosh Rahmatian (<mailto:frahmation@nugridpower.com>), Co-leads  
Teresa Carlon ([teresa.carlon@pnnl.gov](mailto:teresa.carlon@pnnl.gov)), Support  
Email list address: <mailto:naspi-taskteam-performance@lyris.pnnl.gov>

**Actions** from today's call:

- Jim O'Brien to reach out to Alison with regards to her suggestion on a project to look into the performance needs for oscillation detection. PRSVTT needs more guidance.
  - Farnoosh to complete the guidance document for the survey on instrument transformers connected to installed PMUs.
  - Next call will be January 26,, 2018 please mark your calendar. Invite coming soon.
1. Roll call – see below. Jim led the call. All
  2. Outstanding projects update
    - PMU Application Requirements Task Force (PARTF) – Allen; code has been forked, but no one has asked for support and Allen assumes users will need help to get started. Lots of interest in the tool. Frank asserted PNNL is interested but with the uncertainty of the budget not sure of the path forward, Frank has reached out to Jeff Dagle but hasn't hear back. Allen wants users to know that this application is necessarily geared just towards NASPI. Allen Goldstein
    - Synchrophasor data under fault conditions – No update. Krish Narendra
    - Survey of instrument transformers connected to installed PMUs – Teresa; created and emailed a guidance template for Farnoosh. Farnoosh needs to "fill in" the blanks on the template and we should be close to getting the survey out. Farnoosh Rahmatian

- PMU for control applications – No update.

Anurag Srivastava

### 3. Update on other activities – Standing Topics:

All

- PMU Standards

- o P60255-118-1 (Ken Martin); Allen; this week IEC committee draft for vote was approved, 50 editorial comments, final draft standard (FDS) is the next step, meeting or two next week to address the 50 comments, goal is to complete edits by next month in Jacksonville, FL, hoping to publish new standard in first/second quarter of 2018 – good news!
- o C37.242 (Allen Goldstein); Allen; goal has been to get something ready to ballot once the standard (118-1) is close to being published, still meeting on a monthly basis however Allen might suggest meeting bi-monthly, to keep pace with 118-1, December 11 is the next 242 call.
- o C37.118.2 (Vasudev Gharpure); Vasudev; held two or three web meetings to date, preparing a list of items for potential changes that could be made to 118.2, list to be completed in the next few weeks and then the working group will decide which to implement. Working group approved in May 2017.

- PDC Standards

- o PC37.247 (Vasudev Gharpure); Vasudev; standard is currently under ballot, opened last week of November, will end last week in December, comments will be reviewed in January 2018. Please comments by end of December.

- IEEE PES PSRC C23 (Jim O'Brien) Jim; joint technical committee meeting will be take place in Jacksonville, FL, January 7-11, 2018. If you are interested check out the [PES web site](#) for hotel and registration information.
- IEEE ICAP/NIST (Allen Goldstein/ Ravi Subramaniam) Allen; received a [Conformity Assessment Award](#) (woot woot!) from the IEEE Standards Association. Quoting process for two laboratories (one inside the U.S. one outside the U.S.) to become certified PMU testing facilities. There are three certified PMUs on the list, program continues to progress and receiving more recognition. . NIST is creating a system that does hardware testing; will be used for testing sensors.

- GMLC Update – Tom Rizy; focusing on sensor technology roadmap, full compilation by end of month, DOE will then review, web meetings starting in 2018, industry meeting around March/April timeframe for the roadmap, will be in Atlanta, Tom will send invites out to NASPI, placement tool is continuing to progress – distribution state estimation, moving towards fault identification and reconfiguration, PNNL is specifically working on looking at system distribution application systems. Also, with the placement tool, working closely with industry partner in Chattanooga.

4. Other topics / new business

All

- Not at this time.

Next PRSVTT Conference Call

All

- **January 26, 2018 at 8:00am PT / 11:00am ET unless otherwise noted.**

**Attendees**

Allen Goldstein

Frank Tuffner

Jim O'Brien

Teresa Carlon

Vasudev Gharpure

Pradeep Singh Chauhan