

**Performance Requirements, Standards, & Verification Task Team (PRSVTT) Call Minutes  
July 28, 2017**

Jim O'Brien ([Jim.O'Brien@duke-energy.com](mailto:Jim.O'Brien@duke-energy.com)) and  
Farnoosh Rahmatian (<mailto:frahmatian@nugridpower.com>), Co-leads  
Teresa Carlon ([teresa.carlon@pnnl.gov](mailto:teresa.carlon@pnnl.gov)), Support  
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**Action items**

- Allen Goldstein to give a 30-45 minutes demonstration on the PARTF framework and use cases at the PRSVTT breakout session in Springfield, MA.
- Farnoosh to contact Teresa to discuss next steps on the survey.
- All; Topics for the PRSVTT breakout session at the NASPI Work Group meeting in September can be sent to Farnoosh, Jim, or Teresa.
- What work products would you like to see the PRSVTT take on? The co-leads are looking for ideas and feedback.
- Teresa to add PARTF beta testing in the NASPI News box.
- Teresa to circulate Synchrophasor data under fault conditions (Ver. 4). Comments to be sent to Harold Kirkham.

1. Roll call – call led by Jim O’Brien. All
  
2. Outstanding projects update
  - PMU Application Requirements Task Force (PARTF); Allen, also stands for pmu application requirements **test framework**. The framework is now available for closed beta testing and can be downloaded from GIT Hub and documentation is on NIST Pages (<https://pages.nist.gov/PARTF/html/index.html>), looking for people to learn and use the software, bring in own applications and continue to develop software, useful to determining the performance of application to PMU measurement impairment, tools available for tools for network and flag impairments, use cases needed to flush out tools, state estimation and ring down examples are working, not easy to use, users are needed to come and work closely with NIST. Contact Allen directly at [allen.goldstein@nist.gov](mailto:allen.goldstein@nist.gov). Teresa put note on the NASPI website, news item. Allen would like to put together a (recorded) webinar in the future. Allen Goldstein  
Krish Narendra  
Farnoosh Rahmatian
  - Synchrophasor data under fault conditions; Krish – Teresa received a newer version and will circulate to the PRSVTT for comment.
  - Survey of instrument transformers connected to installed PMUs; Farnoosh changed the verbiage and still need to meet with Teresa. Deadline August 15, 2017.

3. Update on other activities – Standing Topics:

All

- PMU Standards (Ken Martin/Allen Goldstein)
  - P60255-118-1 Ken; new performance standard, resolved comments last spring, another round of circulation w/IEEE, a few editorial comments received. IEC has submitted for committee draft to vote, process takes about 7-8 months, done at end of November 2017, at that time a path forward will be determined.
  - C37.242 Allen; working on guide document, changes to draft, on target for published around same time as the final join standard gets published, meeting next month, and again in September at IEEE in Phoenix.
  - ICAP Allen; test Specification, group completed one pass of changes, ready in about a month for a complete read through, discussion at IEEE meeting in Phoenix.
  - C37.118.2 Vasudev; working group approved, first meeting last year, another meeting will occur in Phoenix, and work should start at the end of next month.
- PDC Standards
  - PC37.247 Vasudev; finished draft middle of June, comments returned from two members, comments need to be resolved, expect to finish work by mid-August, then to IEEE for editorial review next month. Extension has been requested a couple of months ago.
- IEEE PES PSRC C23
  - PSRC C23 (Jim); next PSRC meeting with September 11-14, registration is open, go to IEEE PRSC website for more information (<http://www.pes-psrc.org/Meetings.html>).
- IEEE ICAP/NIST (Allen Goldstein/ Ravi Subramaniam)
  - Allen; listen for announcement from Ravi regarding another certified PMU that is coming out of the program, about changes have been accepted, ready in about a month, everybody will read with the changes in the existing draft, and another discussion at IEEE in Phoenix.
  - Ravi; recently certified another PMU from Siemens. On August 1, IEEE is hosting a timing webinar. Teresa will send out information for those of you who would like to participate.
- GMLC Update – Tom Rzy; no update at this time.

4. Other topics / new business

All

- PMU for control applications – Vahid Madani proposed the topic for PRSVTT to define the need, and to scope a set of applications. Perhaps the genesis for a new task force? Still no champion for this effort. Farnoosh asserted this wasn't control room applications more for control applications as in closed control for substation based – real time control. Looking for champion.

- Future work?
  - Jim; what should be the future work of PRSVTT?
  - If you have items you would like to see on the NASPI PRSVTT breakout session in Springfield please send them to Farnoosh, Jim, or Teresa to be included on the agenda.
- 5. NASPI Work Group registration is now open for both general attendees and vendors (a.k.a partnership opportunities). For more details visit the [NASPI website](#).

Next PRSVTT Conference Call

All

- **August 25, 2017 at 8:00am PT / 11:00am ET unless otherwise noted.**

**Attendees**

Allen Goldstein  
Farnoosh Rahmatian  
Harold Kirkham  
Junbo Zhao  
Vasudev Gharpure  
Jim O'Brien  
Ken Martin  
Laurie Miller  
Pramila  
Ravi Subramaniam  
Teresa Carlon  
Yi Hu