

Performance Requirements, Standards, & Verification Task Team (PRSVTT)

Call Notes / March 29, 2019

Jim O'Brien (Jim.O'Brien@duke-energy.com) and
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New business & action items:

- Farnoosh to take another look at the survey of instrument transformers – needs to be more compact/shorter per feedback.
- Harold Kirkham will send Jim O'Brien a paper on Measuring Bus Frequency During Transients.
- Xiaoyuan Fan will work with Teresa to find a reference document on the NASPI website.
- Teresa will share the NCL meeting invite, provided by Ken Martin, when it becomes available.

1. Roll call – see below. Jim O'Brien led the meeting. All

2. Outstanding projects update
 - PMU Application Requirements Task Force (PARTF) – Allen; 40 members NASPI wide, two years ago we published a white paper on “how to” do it, not requirements, based on the results of the paper an open source PMU Application Requirements Test Framework (PARTF) available on GIT hub, NIST will eventually use it to integrate the Smart Grid Testbed, looking for others to use it. Allen Goldstein

 - Synchrophasor data under fault conditions – Krish; Teresa to send Harold's paper to Jim O'Brien. Krish Narendra/
Nuwan Perera

 - Survey of instrument transformers connected to installed PMUs – Farnoosh; no update at this time, see action item. Farnoosh Rahmatian

 - Analyzing PMU performance requirements for Synchrophasor-based control applications – shared draft of white paper, meeting will be set up in the near future, discussing who will work on what portions of the white paper. Anurag Srivastava/
Pratim Kundu

3. Update on other activities – Standing Topics: All
 - PMU Standards
 - C37.242 (Allen Goldstein); entire standard revised with exception of final annex, taskforce headed by Jay Murphy to revise annex, then will done and ready for working group ballot sometime in May.

- C37.118.2-P9 (Vasudev Gharpure); work is progressing, though a bit on the slow side during the last month or so, expect to pick up next week.
- PDC Standards
 - PC37.247-C19 (Vasudev Gharpure); was up for approval at RevCom meeting last week, do not know if they approved it, have asked IEEE but no response yet, if it was approved the next step would be an editorial review.
- [IEEE PES PSRC C23](#) (Mahendra Patel) next PSRC meeting is May 6-9, 2019, in Cincinnati, no schedule has been posted as of March 29, 2019.
- [IEEE ICAP/NIST](#) (Allen Goldstein/ Ravi Subramaniam) standard has been revised, edited, will be having a vote by the steering committee shortly after main PSRC meeting.
- IEEE PE/PSCC P2664 Standard for Streaming Telemetry Transport Protocol (Ken Martin) nothing has happened since last meeting in December, outlines was approved, Ken and Ritchie will make the first cut and Ken will work on this over the coming month.
- GMLC Update – Tom Rizy; (Harold) release possible in April, but no one really knows.

4. Other topics / new business

All

- Allen; NIST is holding a series of regional workshop to explore diversity of smart grid testbed capabilities and ways to develop a collaborative environment across these facilities, NIST is asking for stakeholder input from the NIST Smart Grid Testbed, how can these testbed collaborate better with each other, dates, locations and registration of workshop are as follows:
 - April 11, 2019 – Knoxville, TX at [University of Tennessee](#)
 - April 23, 2019 – Burlington, VT at [University of Vermont](#)
 - April 30, 2019 – Palo Alto, CA at [EPRI](#)
- Ken; project led by NCL in England, better ways to measure ROCOF, June meeting scheduled to deliver the results of their study.
- Sundeep requested information on basic knowledge of synchrophasor and control applications – how they work and synchrophasor technology, very basic. Pratim said that he would be able to assist. Xiaoyuan provided a link to the [NASPI Data Mining Techniques and Tools for Synchrophasor Data](#) paper.
- PS Chauhan (India); this document might be of some assistance: <https://www.naspi.org/node/699>.

Next PRSVTT Conference Call

All

- **May 31, 2019**. Hope to see everyone at the NASPI Work Group meeting in April.

Attendees

Allen Goldstein

Frank Tuffner

Harold Kirkham

Jacques Macherel

Jay Murphy

Jim O'Brien

Ken Martin

Pratim Kundu

PS Chauhan

Sundeep Gupta

Teresa Carlon

Xiaoyuan Fan