



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

### Call Notes / May 31, 2019

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

- Farnoosh revised the survey of instrument transformers and will run by the NASPI Leadership for feedback. Teresa will then send cover letter and survey to the SGIG recipients.
- PRSVTT needs to decide whether or not to meet during the main NASPI Work Group meeting like we did in San Diego or have a breakout session at the end of the day as we have done in years prior.
- Teresa will send Alison's work suggestions to the PRSVTT to see if they generate any interest with the team. If yes, then we can discuss on the June call.

1. Roll call – see below. Jim O'Brien led the meeting. All
2. Outstanding projects update
  - PMU Application Requirements Task Force (PARTF) – Allen; no update. Allen Goldstein
  - Synchrophasor data under fault conditions – Krish; no update. Krish Narendra/  
Nuwan Perera
  - Survey of instrument transformers connected to installed PMUs – Farnoosh; revised the survey per comments, survey to leadership for comments, then Teresa will send to SGIG contacts with cover letter. Farnoosh Rahmatian
  - Analyzing PMU performance requirements for Synchrophasor-based control applications – held a meeting last month with interested members, outline created, divided into sections and a list of people who could contribute to writing. Links to the papers will be sent out to the respective writers. Anurag Srivastava/  
Pratim Kundu

3. Update on other activities – Standing Topics: All

- PMU Standards
  - o C37.242 (Allen Goldstein); Harold; deadline for deciding whether or not to send it on is near, waiting on decision. Harold owes diagrams to Jay Murphy. Allen is just waiting for time to expire so they can move it along to the next step. Jay asserted that Allen is waiting on responses before requesting balloting body from PSRC.
  - o C37.118.2-P9 (Vasudev Gharpure); needs reviewed by working group, not much progress over the last couple of months, but work will pick up.
- PDC Standards
  - o PC37.247-C19 (Vasudev Gharpure); next step would be an editorial review, formatting, etc., should be released this year.
- IEEE PES PSRC C23 (Mahendra Patel); didn't get to attend the meeting and needs to connect with Allen and get an update.
- IEEE ICAP/NIST (Allen Goldstein/ Ravi Subramaniam); no update.
- IEEE PE/PSCC P2664 Standard for Streaming Telemetry Transport Protocol (Ken Martin); no update.
- GMLC Update – Tom Rzy; (Harold) release came out on May 29, 2019. GMLC call: <https://www.energy.gov/sites/prod/files/2019/05/f63/GMI-National-Lab-Call-2019-05-29.pdf>

4. Other topics / new business All

- Jim; share Alison's work product suggestions from her email.
- Jim; work with DisTT to help them from a performance standard perspective. Application requirements will be the key, asserted by Frank. Farnoosh suggested picking one [interesting] application and go specifically at. Trying to look at moving beyond synchrophasors to synchronized measurements. Harold asserted that point-on-wave very important. Farnoosh suggested looking at opportunity to look at hyper synchronized measurement system provides a PMU to get a goodness of fit that qualifies the "fit" to the model, once the GOF falls below a certain value it transmits POW data?
- Breakout session; what format does the task team prefer? Giving an update in the main work group meeting or having a breakout session as in years past.

Next PRSVTT Conference Call All

- **June 28, 2019 @ 8:00am PT / 11:00pm ET.** Teresa will not be on the call but will have someone initiate the call.

**Attendees**

Farnoosh Rahmatian

Frank Tuffner

Harold Kirkham

Hossein Hooshyar

Jay Murphy

Jeff Zhao

Jim O'Brien

Junbo Zhao

Mahendra Patel

Pratim Kundu

Teresa Carlon

Vasudev Gharpure