

May 28, 2021

Call Notes

Performance Requirements, Standards, & Verification Task Team Meeting

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

- Pratim and Sajan will share the links to the documents by our next call.

- 1. Roll call All

- 2. Outstanding projects update
 - Survey of instrument transformers connected to installed PMUs – Teresa sent Jim and Farnoosh the contacts for the survey. Farnoosh and Jim’s action it to review the contacts and assure we have the best names to contact. We want to assure we are reaching out to the right people who can fill out the survey. Farnoosh Rahmatian/
Teresa Carlon

 - Progress of three white papers Sajan K.S./
Pratim Kundu
 - o (Sajan) Survey of Existing PMU applications Around the World and Classification – reaching out to individual volunteers for clarification with one-to-one meetings via email/telephone, hope to have these papers ready within the next 3-4 weeks.
 - o (Pratim) Analyzing Synchrophasor Performance Requirements for Synchrophasor based Control Applications – see above.
 - o (Pratim) Data Quality Impacts on Synchrophasor based Control Applications – see above.

- 3. Update on other activities – Standing Topics: All
 - PMU Standard(s)
 - o C37.242 (Allen Goldstein) – Ken asserted the document is with the editors. Allen was looking at writing a summary paper. If anyone is interested in this work please contact Allen.
 - o C37.118.2 (Vasudev Gharpure) – Ken said there are a lot of updates and the document has not been sent to the ballot, PAR extension needed for working group review and changes.
 - PDC Standard(s)
 - o Working Group C40 (Vasudev Gharpure) – Ken stated a new working group was formed, but not sure the status of that work.

- IEEE PES PSRC C23 (Allen Goldstein) – Jim asserted there was a virtual PSRC meeting first week of May but no further updates at this time. Next PSRC meeting will be in September, format is still being decided.
- IEEE ICAP/NIST (Allen Goldstein/ Ravi Subramaniam) – update at this time. Pradeep, Power Grid India – pass contact information to Ken Martin.
- IEEE PE/PSCC P2664 Standard for Streaming Telemetry Transport Protocol (Ken Martin) – making progress, Ken has 3 really outstanding people in the working group, meetings are held once a month, body is pretty much completed, looking at annexes; interface protocols, looking for people knowledgeable with protocols, and then the security features need to be documented. Hoping to finish within the next 18 months.
- IEEE PES PSRC C41 Working Group - Investigate Performance Requirements for Distribution PMUs – (Ken Martin) – meeting are occurring regularly, looking for volunteers who can run some studies of data to look at the measurement environment, we have volunteers who are going to provide background POW data from distribution systems – look at harmonics/noise content and get characterization to determine what kind of test are need to qualify PMUs for distribution apps, and need information for, second things we need is information about distribution type applications – what are the qualifications of the data? If you would like to join please reach out to Ken Martin (martin@electricpowergroup.com).
- DisTT Update – (Harold Kirkham). No update at this time, but both Ken Martin and Farnoosh Rahmatian have volunteered to provide an update to the PSRVTT as needed. Thank you, Ken and Farnoosh!

4. Other topics / new business All
- Manual to make a presentation at our next meeting.

Next PRSVTT Conference Call All

- **June 25, 2021 @ 8:00am PT / 11:00am ET**

Adjourn

Attendees

- Farnoosh Rahmatian
- Harold Kirkham
- Hossein Hooshyar
- Jim O'Brien
- Ken Martin
- Mahendra Patel
- Manuel König
- Penn N Markham
- Pradeep Chauahan
- Pratim Kundu
- Sarma NDR Nuthalapati
- Teresa Carlon