



**Performance Requirements, Standards, & Verification Task Team (PRSVTT)
Call Notes / May 29, 2020**

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

- Teresa to remove PARTF and GMLC updates from future agendas.
- Teresa to share the DisTT paper when finalized with the NASPI Work Group.

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

2. Outstanding projects update
 - Survey of instrument transformers connected to installed PMUs – Farnoosh; reduce format, Farnoosh will connect with me next Tuesday. Farnoosh Rahmatian

 - Analyzing PMU performance requirements for synchrophasor-based control applications – Anurag asserted they are making progress on the white paper, two meetings have been held, within the next 3-4 months team hopes to have a good first draft. K.S. Sajan/
Pratim Kundu

3. Update on other activities – Standing Topics:
 - PMU Standards
 - C37.242 (Allen Goldstein); Allen – ballot in and passed, comments in, but haven't had an opportunity to address comments yet.
 - C37.118.2 (Vasudev Gharpure); - Ken asserted that he is part of the working group and there hasn't been a meeting for several months that he is aware of.

 - [IEEE PES PSRC C23](#) (Allen Goldstein); - meeting was cancelled due to COVID-19, haven't heard whether the meeting will go online. Jim was in a meeting last week and heard that a virtual meeting is in the works for the month of September. All

 - [IEEE ICAP/NIST](#) (Allen Goldstein/Ravi Subramaniam); - ICAP is working on calibration uncertainties in the phase area, no update since COVID-19 shelter in place. NIST is trying to plan phase one reopening.

 - IEEE PE/PSCC P2664 Standard for Streaming Telemetry Transport Protocol (Ken Martin); - No new progress, reminders sent to the working group, edits

were implemented since the last meeting, request for contribution has been sent out, document is in good shape but still looking for contributors.

- IEEE PES PSRC Task Force C41 Investigate Performance Requirements for Distribution PMUs – (Ken Martin) – had a meeting via WebEx and progress is being made but again, difficult to get participation. Better luck just sending the document to someone and ask them to review the document seems to have produce better results. Allen asked if there is a need for improvement in the accuracy for phase estimation? Ken asserted accuracy for the standard or the ability for people to get that information? Allen replied... where is the demand and who is asking? Ken said the accuracy of the requirement in the standard is not that high. The application side of it, someone working in an application (e.g. MATLAB) can discriminate a lot better if I can get a more accurate measurement; the problem is there are using models. In this case the use is just guessing, more variables that effect the measurements, configurations, filtering characteristics produces a change in phase, the who measuring chain needs to be improved. Harold added the uncertainty of the measurement in the field has nothing to do with the uncertainty of the measurement in the lab.
- DisTT Update – the DisTT has a rough draft (May 22, 2020) paper titled Synchronized Measurements and their Applications in Distribution Systems: an update. When the final version is approved Teresa will announce via the NASPI WG email list and post to the NASPI website. Sascha von Meier is working to pull together a speaker on wildfire mitigation for a NASPI webinar series in the near future.
- GMLC Update – (Tom Rizy) Project wrapped up, report was published on the GMLC DOE website. Follow-on project did not get selected. Interest seems to be on sensor placement, pursuing a way through the annual operating plan to continue work, maybe. Remove item from agenda going forward.

4. Other topics / new business;

All

- Future work plans, nothing identified at this time. Harold and others are working on the IEEE Standard 1459. Group is about 40 members from around the world who meet on Thursday at noon to accommodate the most attendees. If Interested, please contact Harold Kirkham. Harold also asserted that the IEEE Standard 120 is also being updated; this standard was created prior to PMUs.

Next PRSVTT Conference Call

All

- **June 26, 2020 at 8:00am PT / 11:00am ET.**

Attendees

Allen Goldstein

Anurag Srivastava

Farnoosh Rahmatian
Greg Zweigle
Harold Kirkham
Jim O'Brien
Ken Martin
Laurel Dunn
P.S. Chauhan
Teresa Carlon
Tom Rizy