



**Performance Requirements, Standards, & Verification Task Team (PRSVTT)
Call Notes / July 31, 2020**

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

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 needs to reach out to Teresa regarding the changes to the survey question. No progress has been made to-date. Farnoosh Rahmatian
 - Progress of three white papers. K.S. Sajan/
Pratim Kundu
 - o (Sajan) Survey of Existing PMU applications Around the World and Classification – held a meeting last month, decided on common platform (what to include and what not to include in the system), finalized format with the volunteers, what applications should in the control room for control aspects, expecting more input to come, control and monitoring applications and which classifications.
 - o (Pratim) Analyzing Synchrophasor Performance Requirements for Synchrophasor based Control Applications – paper needs more definition and team hopes to complete that within the next couple of months.
 - o (Pratim) Data Quality Impacts on Synchrophasor based Control Applications
3. Update on other activities – Standing Topics:
 - PMU Standards
 - o C37.242 (Allen Goldstein); Allen not on call. Jim asserted guide passed ballot, Ken added the guide went through balloting, several comments were received so a par extension was requested, anticipated meetings last spring, but speculating Allen just ran out of time. Waiting to see when ballot resolutions are going to happen.
 - o C37.118.2 (Vasudev Gharpure); Hope to have some activity on this in August. The past few months have been a bit difficult.

- PDC Standard
 - o Working Group C40 (Vasudev Gharpure); The assignment is to “Develop a publication (transaction and/or conference), a tutorial and a presentation based on C37.247-2019: the standard for Phasor Data Concentrators for power systems.”
 - o (Vasudev) We are working towards proposing a tutorial for next year (2021 PES Conference Tutorials). Anyone interested in contributing to this work is welcome to join in. This is a follow up to the PDC standard (V37.247) published last year.

- **IEEE PES PSRC C23** (Allen Goldstein); - Allen not on the call, Jim asserted the September meeting planned for Reno, NV, will not be an in-person meeting but rather a virtual meeting, and working out the details. All

- **IEEE ICAP/NIST** (Allen Goldstein/ Ravi Subramaniam); - ICAP Webinar August 11.
 - o Many of you will be interested in the upcoming IEEE Conformity Assessment Program (ICAP) webinar which will go over how PMUs that meet the requirements of IEC/IEEE 60255-118-1 2018 provide consistent and reliable data that accurately represents a power system. PMUs that do not meet the requirement risk providing inaccurate results. This webinar will look at the details of the standard that assure consistent measurements and explore examples of non-conforming PMU measurements for their unreliability. There will also be a presentation from the IEEE Approved PMU Test Laboratory on verifying PMU performance and accuracy through the IEEE Synchrophasor Certification Program.

- IEEE PE/PSCC P2664 Standard for Streaming Telemetry Transport Protocol (Ken Martin); - little progress, trying to get more detail from the working group because the know the standard – slow process.

- IEEE PES PSRC Task Force C41 Investigate Performance Requirements for Distribution PMUs – (Ken Martin) – little progress, hopefully Ken can get some activity going soon.

- DisTT Update (Harold Kirkham) – Teresa emailed the newly released DisTT paper titled *Synchronized Measurements and their Applications in Distribution Systems: an update to the whole NASPI Work Group and posted document on the NASPI website.*

- 4. Other topics / new business; All
 - NASPI webinar series; August 19, 2020, *Detection of distribution circuit wildfire ignition mechanisms using substation-only sensors and data analytics* with Dr. Russell, Carl Benner, and Dr. Wischkaemper. [Learn](#) more!

- Next PRSVTT Conference Call All
 - **August 29, 2020 at 8:00am PT / 11:00am ET.**

Attendees

Christoph Lackner

Jim O'Brien

Ken Martin

Laurie Miller

P.S. Chauhan

Pratim Kundu

Sajan Sadanandan

Teresa Carlon

Tom Rizy

Yi Hu