



**Performance Requirements, Standards, & Verification Task Team (PRSVTT)
Call Notes / January 25, 2019**

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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New business & action items:

- Teresa will work with Alison to review cover letter for the survey of instrument transformers that will be sent to SGIG contacts.
- Ken Martin will be leading a new standard for IEEE PE/PSCC P2664 Standard for Streaming Telemetry Transport Protocol (STTP). Item to be added to the agenda. More information can be found [here](#).

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| 1. Roll call – see below. Jim O’Brien led the meeting. | All |
| 2. Outstanding projects update | |
| <ul style="list-style-type: none"> - PMU Application Requirements Task Force (PARTF) – Allen; no update. | Allen Goldstein |
| <ul style="list-style-type: none"> - Synchrophasor data under fault conditions – Krish; received comments, sent the document to Harold Kirkham for a review, hoping to have all the comments resolved by the next PRSVTT call. | Krish Narendra/ Nuwan Perera |
| <ul style="list-style-type: none"> - Survey of instrument transformers connected to installed PMUs – Farnoosh; will send cover letter and survey to Teresa, Teresa will ask Alison to review cover letter, and then the survey can be distributed to the SGIG recipient. | Farnoosh Rahmatian |
| <ul style="list-style-type: none"> - Analyzing PMU performance requirements for Synchrophasor-based control applications – not much input was received from the NASPI community so I will open up for the public inputs with multiple mailing list including reaching out to IEEE PES community. | Anurag Srivastava/ Pratim Kundu |
| 3. Update on other activities – Standing Topics: | All |
| <ul style="list-style-type: none"> - PMU Standards <ul style="list-style-type: none"> o P60255-118-1 (Ken Martin); has been published. Remove from the PRSVTT agenda. o C37.242 (Allen Goldstein); no update. o C37.118.2-9 (Vasudev Gharpure); Work continues. We usually do a web meeting every week (had one yesterday, January 24). We are going through the working document a second time. A third round is | |

expected to begin mid-February – to work on details. Our PAR expires at the end of 2021. We are doing OK for time.

- PDC Standards
 - o PC37.247-C19 (Vasudev Gharpure); No adverse comments in the second recirculation ballot done late last year. The work is essentially complete – with only IEEE editorial review remaining. We have a PAR extension to the end of this year, so we should be good for publication sometime in the near future.
- [IEEE PES PSRC C23](#) (Mahendra Patel) Bill Dickerson outreach effort is to target folks who don't attend IEEE or NASPI meetings and develop educational tools on synchronized measurement systems to help them.
- [IEEE ICAP/NIST](#) (Allen Goldstein/ Ravi Subramaniam) no update.
- GMLC Update – Tom Rzy; quite a number of deliverables to make available, publication process complicated; roadmap, state of the art technology, definitions document. As soon as the documents are available Tom will provide information on how to get to the publication. Eric Lightner led a team of GMLC folks to put together a plan that was circulated to the industry.

4. Other topics / new business

All

- Harold Kirkham; putting together a meeting to bring to address measurement problems in PMU and provide a firmer technical foundation for what we do, still in planning stage, April timeframe, more information to come.
- Harold Kirkham; PSRC join technical committee meeting last week, I was assigned a role to revise two standards; IEEE master test guide for electrical measurements and power circuits (120), 30 years out-of-date. The other standard is 1459 measurement for power, reactive power, etc., multiple technical errors. If you are interested in working on these standards please contact Harold (Harold.kirkham@pnnl.gov).
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Next PRSVTT Conference Call

All

- **February 22, 2019.**

Attendees

Farnoosh Rahmatian

Harold Kirkham

Hossein Hooshyar

Jay Murphy

Jiecheng Zhao

Jim O'Brien

Krish Narendra

Mahendra Patel

Nuwan Perera

Sal Cardella

Teresa Carlon

Tom Rizy

Xiaoyuan Fan