

## Minutes

Performance Requirements, Standards, & Verification Task Team Meeting

Jim O’Brien, and Farnoosh Rahmatian, Co-leads

**December 9, 2016**

### Action items

**Jim/Farnoosh** – follow up with Tony and Dave to see if they are available to lead the application Requirement and Benefits Metrics task or if this item should be closed out.

**Frank Tuffner** – send a webinar invite to the PRSVTT with regards to the PARTF document review taking place later today, December 9, 2016.

**Teresa Carlon** – pick names from SGIG list and pass along to Farnoosh.

**Teresa Carlon** – add Farnoosh and Tom Rizy to the DisTT listserv. Send the next DisTT call invite to the PRSVTT and those that are interested can attend.

**Tom Rizy** – send Teresa information on the GMLC project to circulate to the PRSVTT.

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| 1. | Roll call  | All                                       |
| 2. | Outstanding projects update <ul style="list-style-type: none"> <li>- Application Requirements and Benefits Metrics – decision was made to leave this item on the agenda until the handoff is complete. This work has significant overlap with Alison’s (et al.) effort on The Value Proposition for Synchrophasor Technology. <b>Action</b> item for Jim/Farnoosh – check in with Tony or Dave to see if someone else needs to take the lead on this item.</li> <li>- PMU Application Requirements Task Force (PARTF)</li> </ul>   | All<br>Tony Weekes<br><br>Allen Goldstein |
| 3. | Update on the NASPI Work Group Meeting in Seattle – Jim; couple of presentations, those presentations have been uploaded to the NASPI web site ( <a href="http://www.naspi.org">www.naspi.org</a> ).   |   |
| 4. | Update on other activities <ul style="list-style-type: none"> <li>- PMU Standards (Ken Martin/Allen Goldstein) – Farnoosh asserted a joint IEEE/IEC measurement standard C37.118.1 has been out for ballots, ballots closed, meeting at the joint technical committee meeting IEEE/PES meeting second week in January in New Orleans. If you want to get to be involved reach out to Ken Martin.</li> <li>- PDC Standards (Vasudev Gharpure) – regular meetings every two week this year, ran into a bit of a hiccup early this year, but progress has been made over the last few months. Our part ends at the end of 2017 but at this point it looks like an extension will be needed. Balloting process will not likely be</li> </ul> | All                                       |

done by the end of 2017. The main sections of the PDC standard will be functions, performance requirements, and testing. Details of testing is best left to Ravi's ICAP group.

- IEEE PES PSRC C23 (Jim O'Brien) – next PSRC meeting is part of the joint technical meeting January 9-12, 2017, in New Orleans. If you register for the meeting after December 21 the cost will increase.
- IEEE ICAP/NIST (Allen Goldstein/ Ravi Subramaniam) – Farnoosh the next meeting in March will be co-located at NIST; sensors and time synchronization workshop topics. We will revisit this topic in January.

5. Other topics / new business

Leads

- C37.118.2 Update of the standard - **Tony Johnson**. Vasudev; this is a taskforce, we had one meeting, second meeting in New Orleans next month. Looks like the 118.2 upgrade may get split into two parts; pmu to pdc communication (e.g. message format) and then pdc aneroide (sp) function (e.g. error handling).
- Synchronophasor data under fault conditions - **Krish Narendra**, lead – no update at this time.
- Distribution Applications -**Ray Hayes**, lead – no update at this time.
- Survey of instrument transformers connected to installed PMUs - **Farnoosh Rahmatian, Mahendra Patel, Harold Kirkham**, leads – Teresa to pick names from a condensed list of SGIG recipients for surveying (instrument transformer that those pmus are connected to, not about the pmus themselves) and send those to Farnoosh.
- PMU for control applications – **Vahid Madani** - define the need. Scope a set of applications. Farnoosh asked Jim to take this as an item for PSRC C23. Maybe be a good place to get a little energy behind it.

6. Next PRSVTT Conference Call

All

**January 27, 2017 @ 8:00am PT / 11:00am ET.** The conference calls are scheduled for the last Friday of the month unless otherwise noted.

Adjourn – Happy Holidays! See you next year!

**Attendees**

Farnoosh Rahmatian  
Frank Tuffner  
Harold Kirkham  
Jason Watson  
Jay Murphy  
Jim O'Brien  
Laurie Miller

Stephan Picard  
Tamica Dickenson  
Teresa Carlon  
Tom Rizy  
Vasudev Gharpure  
Xiaoyuan Fan  
Yi Hu