

Distribution Task Team (DisTT) Conference Call Minutes

May 11, 2017 10-11 am PT

Sascha Von Meier (vonmeier@berkeley.edu), Lead

Teresa Carlon (teresa.carlon@pnnl.gov), Support

Email list address: naspi-taskteam-distribution@lyris.pnnl.gov

Attendees

Roll call – see list below.

Action Items

- All; invited to provide feedback and comment on Use Case papers.
- create a listing of existing distribution PMU research projects
- Add to library of use case papers until we have a reasonable ensemble; specifically cyber-security
- Identify gaps of foundational research needs that are not yet being addressed in the context of [GMLC](#) or other projects
- Articulate valuation of analytics, building on NASPI value proposition paper (on website)
- Reach out to DOD, Homeland Security with a view toward future research support
- Teresa; create a secure DisTT SharePoint Workplace. Add a few DisTT members to test PNNL's Xcars process. The Xcars process creates a user account that allows access to PNNL's computer resources. The process is very quick if you are a U.S. citizen. If you are a foreign national it can take up to **30-days** to get an account if you don't have all the necessary paperwork: visa, passport and green card (if you have one).

Ongoing Business

- If you cannot use the links below, please contact either Sascha or Teresa. We will work with you to get access to these working documents. Please feel free to add to the Use Case document.
 - o Link to DisTT dropbox folder, including meeting notes and Use Case Paper drafts: <https://www.dropbox.com/sh/6n2pkr6brb4qic7/AADmgJYBvDDCmb1vACkomur5a?dl=0>
- Merwin Brown has made some changes to the white paper outline with focus on 1) what is the purpose of the paper and who is the audience 2) premise of synchrophasor measurement. Wrote an introduction that tries to put the synchrophasor measurement in a class by itself; tried to create a mindset. Most of the NASPI community would find the content elementary but Merwin wants the entry level synchrophasor reader would be able to understand.
 - o Link to White Paper (googledoc) in progress: https://drive.google.com/open?id=1udcZXXU3QPduBM8S1RGcOWb_axmbfwatEz_xztJvloE
- Emma Stewart discussed a combined T&D data. **Difficult to understand with the phone crackling.**

Next Call

- The DisTT will be June 1 at 10:00am PT / 1:00pm ET. Harold and Merwin voiced that they might not be able to attend.

Reference Material

Topics of ongoing work for this group include:

- Present practices, research, state of the art and challenges with distribution PMUs
- Distribution PMU applications and use cases
- Theoretical aspects of PMU measurements
- Technical requirements and specifications for distribution PMUs

Draft white paper outline ([Google docs](#)).

Table: [Data Requirements](#).

CRSTT Reference - [NASPI Diagnosing Equipment Health and Mis-operations with PMU Data](#) and the [event summary table](#).

U.S. Department of Energy Grid Modernization Lab Consortium ([GMLC](#)).

Attendees

Alex McEachern
Asja Derviskadic
Emma Stewart
Farnoosh Rahmatian
Frank Tuffner
Harold Kirkham
James Follum
James Kleitsch
Merwin Brown
Rakesh Batra
Sascha von Meier
Sumit Paudyal
Teresa Carlon
Yi Hu
Yingchen Zhang