

Distribution Task Team (DisTT) Conference Call Minutes
January 11, 2018 10:00 am PT/1:00pm ET

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Luigi Vanfretti (luigi.vanfretti@gmail.com) Co-leads
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Attendees

Roll call – see list below.

Old business

- Congratulations! The DisTT white paper has been published to the NASPI website: <https://www.naspi.org/node/688>

New business

- Luigi is doing recruiting for the next DisTT calls.
- NASPI call for abstracts has been released and are due January 26, 2018.
- Call for papers has been e-mailed to DisTT: IEEE Transactions on Smart Grid, Special Section on *Theory and Applications of PMUs in Distribution Systems*. Short paper submission deadline: March 1, 2018.
- Input and suggestions for the DisTT session at the April NASPI WG meeting are welcome.

DisTT Presentation

David Laverty presented “Experience and Lessons from Operating PMUs in Distribution Networks – OpenPMU.” His slide deck has been e-mailed to DisTT.

Skype notes supporting David’s presentation:

Paper on timing vulnerabilities: <http://ieeexplore.ieee.org/document/7845713/>

Indoor GPS: <https://spectracom.com/products-services/precision-timing/skylight-indoor-gps-timing-system>

Hi! We are working on the synchronization of PMUs by the White Rabbit protocol, which is an extension of ptpV2. Details

here: https://www.researchgate.net/publication/320101366_A_White_Rabbit_Synchronized_PMU

Secure Gateway video <https://www.youtube.com/watch?v=1sPg1kn0pa4>

Next Call

- **February 15, 2018, 10am Pacific / 1pm Eastern**. Prospective presenter: Barry Rawn (Brunel University, London)

Reference Material

- The DisTT white paper has been published to the NASPI website: <https://www.naspi.org/node/688>
- 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

- Link to Distribution PMU Project inventory:
https://docs.google.com/document/d/1DPy5cQch9KpLzMYcjSc2I1qLvZWEGO5KSH4_FfRsnr4/edit?usp=sharing
- [Expected Data Requirements for Different Classes of PMU Applications.](#)
- 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

Asja Derviskadic
Carol Painter
David Lavery
Deep Deka
Erik Desrosiers
Farshid Shariatzadeh
Frank Tuffner
He Yin
James Follum
Jeff Zhao
Jerry Schuman
Laura Mehrmanesh
Luigi Vanfretti
Martin Arellano
Phil Overholt
Rakesh Batra
Reza Arghandeh
Sascha von Meier
Subburaman Sankaran
Teresa Carlon
Tom Rizy
Yinfeng Zhao
Ciaran Roberts
Shutang (Steve) You