



Distribution Task Team Breakout Session

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DisTT Agenda

- Introductions
- Orientation and Updates
- Presentations
- Business Planning



Orientation and Updates

- Navigating NASPI/DisTT website
- Mission Statement
- Resource documents; would people like to add?
- Distribution PMU projects; additions?
- GMLC update
- Other?



Presentations

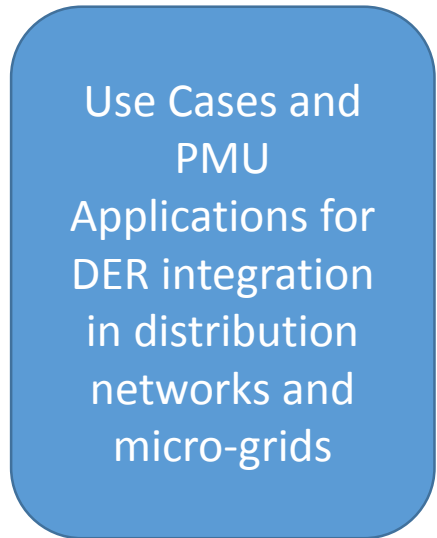
- Metrological characterization of a calibrator for static and dynamic characterization of Distribution Network PMUS. **Guglielmo Frigo, Asja Derviškadić, & Mario Paolone**, Swiss Federal Institute of Technology (EPFL) – Distributed Electrical System Laboratory (DESL)
- Monitoring of Active Distribution Networks using Synchrophasor Applications benefiting Joint T&D Operations. **Luigi Vanfretti**, Rensselaer Polytechnic Institute
- The Kaiser Richmond Microgrid: scheduling and control of renewable power with phasor feedback. **Raymond De Callafon**, University of California San Diego; **David Bliss**, Charge Bliss
- Intelligent PMU. **Alexey Danilin, Pavel Kovalenko, & Viktor Litvinov**, GRT Corporation



Business Planning

- Next work product –
- Previous candidate topics have been arranged in logical order of priority:

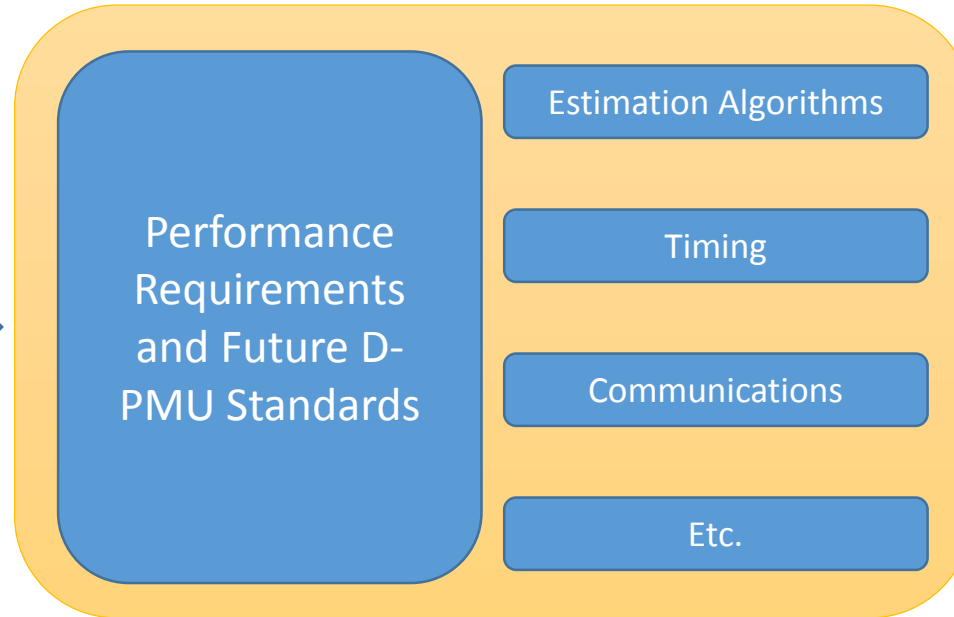




Goal: Define Use Cases and potential PMU Applications.

Methods: Literature survey, simulation-based studies, initial-results from deployed systems.

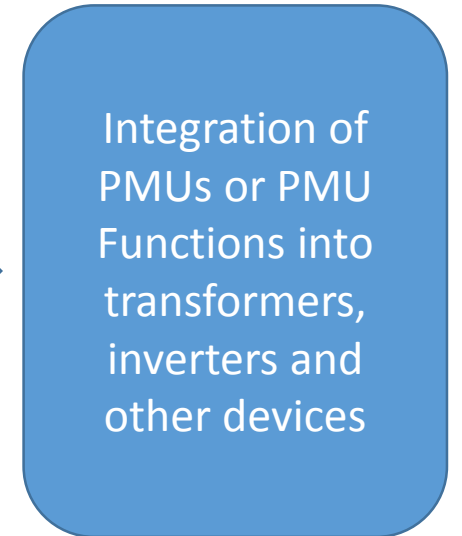
Output:
Qualitative Requirements from Use Cases



Goal: Define *potential* quantitative metrics, experiments & tests methods, procedures, etc., that guide in setting *quantitative performance specifications and requirements* for future distribution PMU standards.

Methods: Literature survey, experimental results, initial-results from deployed systems.

Output:
Quantitative metrics for performance & methodologies for their assessment



Goal: Identify the techno-economic potential and risks of *embedding* PMU functions in different assets.

Methods: Literature survey, simulation studies, physical prototypes.

Questions

