



# Distribution Task Team (DisTT)

Update October 6, 2021

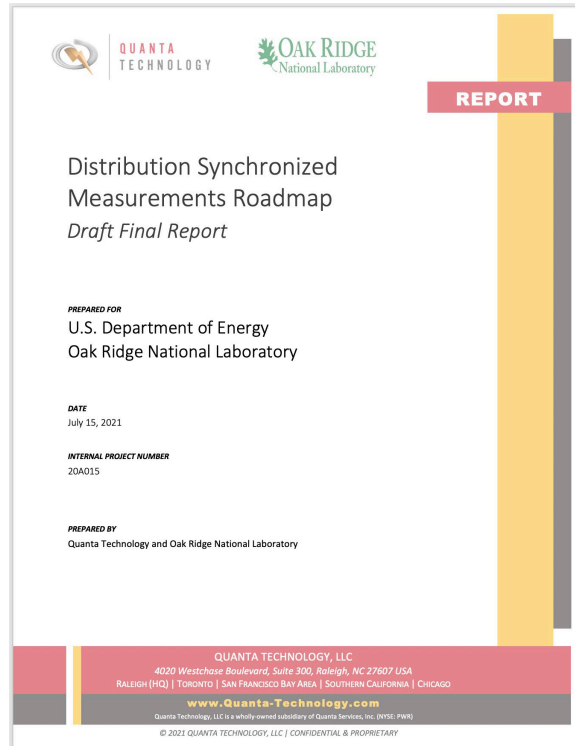
# Mission Statement

The mission of the NASPI Distribution Task Team is to foster the use and capabilities of networked PMUs at the medium-voltage distribution level, beyond the substation.

This group shares information in support of effective research, development and deployment of distribution PMUs.

We aim to create a community to solve technical and other challenges specific to distribution PMU technology and applications.

# Recent Activities



- DisTT provided feedback to Quanta / ORNL / SDG&E study on distribution system applications for synchronized measurements
  - The report has been finalized and was released in September 2021. This will likely have influence on future working plans for the DisTT.
- DisTT is providing input to IEEE Working Group C41 on requirements for distribution PMUs (contact: Ken Martin)

## Ongoing Interest:

Characterize use cases for synchronized measurements in distribution systems, and associated requirements

We try to gather information about:

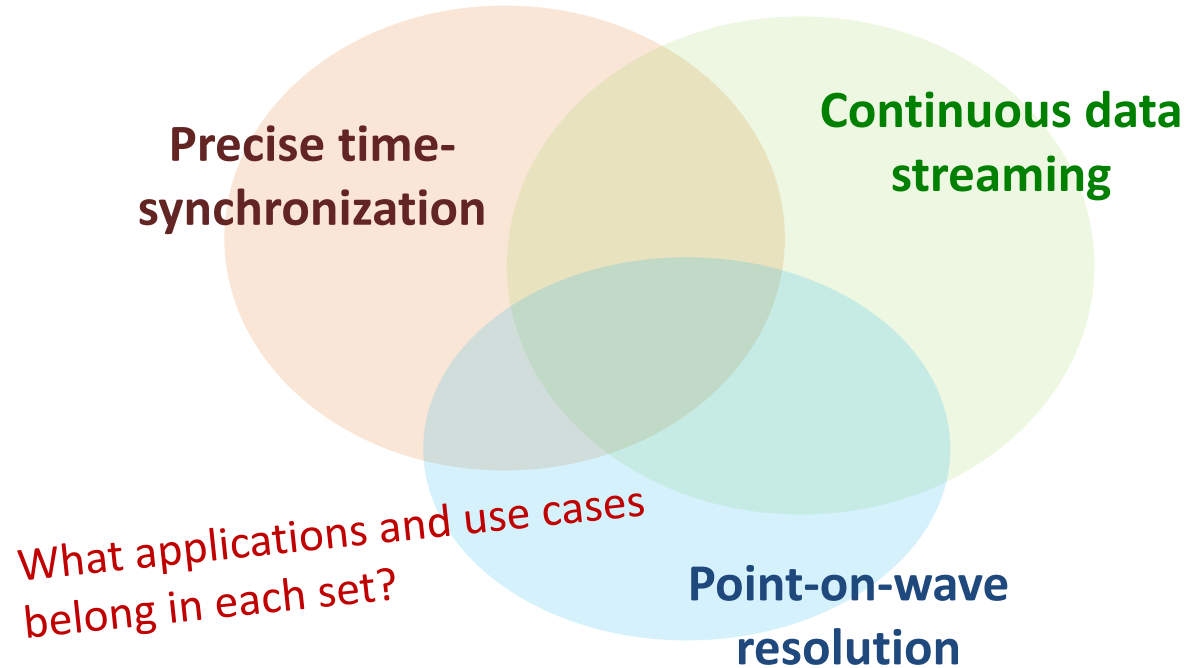
- types of measurements and their uses
- the measurement environment and its impact on PMU performance requirements
- applications and their data needs.

How are you using synchronized measurements in your distribution system?

**Priority: *field-deployed applications***

but information about lower-TRL research applications is also relevant.

# Different Types of Requirements for Measurement Data



- What are the requirements of sensor hardware and the data infrastructure to support a given application?
- How should these requirements be quantified and formalized?
- Where do various applications presented at this WG meeting fit?

# Ongoing and Future Activities

- Presentations on monthly calls about new synchronized measurement applications and implementation experience
- Create a “train the trainer” workshop on distribution applications for utilities?
- Interactive study with public data on [ni4ai.org](http://ni4ai.org)

Joint calls with CRSTT: fourth Wednesday at 1 pm Pacific / 4 pm Eastern

Next call: Wednesday, October 27 at 1 pm PDT / 4 pm EDT / 20:00 UTC

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