



NASPI Spring '26 WG Meeting Distribution Task Team (DisTT) Report

Co-Leads

Bryce Johanneck (Grid Company), Panos Moutis (City College of New York)

April 13th, 2026

Charter (Updated Q4/2024)

- The mission of the NASPI Distribution Task Team is to advance the uses and value of synchronized measurements on or connected at distribution systems of all voltage levels.
- This group shares information in support of effective research, development and deployment of distribution phasor (PMUs), waveform (WMUs) and related measurement devices/units.
- We aim to grow a community to solve technical and other challenges specific to synchronized measurement technology and its applications in distribution system operation, planning and analysis.

Priorities (1-4) & projects (a-c)

1. Attract distribution system stakeholders (DSSs)
 2. Organize knowledge/proposition exchanges among DSSs
 3. Establish practices for distribution PMUs/WMUs for/with DSSs
 4. Deal with sync'd measurement challenges particular to distribution
-
- a. Train the Champion promo materials (nearing end)
 - b. Distribution PMU standards stewardship (on-going w/ Ken Martin)
 - c. DSS sync'd measurements value cases (kick-off soon – w/ power quality)
 - d. Data & Communication challenges with measurements at distribution (later)



Update on promo on Synchronized Measurements at the Distribution

Overview

1. Video in production/editing stages
2. Contact EPRI for utility contacts
3. Wide promotion and dissemination across EPRI contacts
4. Promote it flagship IEEE/CIGRE conferences
5. Feedback and follow-up with utilities for NASPI WG meeting invitations
6. Panos will review success metrics & report to the LT next meeting



Knowledge & Value Case Exchanges among Distribution System Stakeholders – Power Quality on the Distribution Grid (Winter online TT meetings)

Setting Up the Stage – What/Why/How does matter to measure?

1. Detect sources of interruptions, harmonics, variance?
2. Detect extent/magnitude of – ?
3. Detect synchronous effects to devices, equipment?
4. Power Quality Analyzers/Monitors Vs. PMUs/WMUs or integrated?
5. Power quality standards/limits & equipment standards?
6. Is this even valuable to pursue within NASPI DisTT?



Thank you for your attention to the
Spring '26 DisTT Report