

**NERC**

NORTH AMERICAN ELECTRIC  
RELIABILITY CORPORATION

# Synchronized Measurement Working Group Work Plan

RSTC Work Plan Summit  
January 21-23, 2025

RELIABILITY | RESILIENCE | SECURITY

- Work Plan item name: **Roadmap for Integrating Synchrophasors into Real-time Operations – White Paper.**
- Work Plan item detailed description: **Get an industry consensus and help RCs plan better in utilizing PMU technology in real-time operations.**
- Scheduled completion date: **Q4 2025**
- Applicability to address:
  - **Long-term Reliability**
- Priority: **H**
- Status: **On-going**

- Work Plan item name: **Addition of Oscillation As a Category in RCIS (Support RTOS).**
- Work Plan item detailed description: **Help RCs Coordinate and Mitigate Inter-area Oscillations in Real-time.**
- Scheduled completion date: **Q4 2024**
- Applicability to address:
  - **Long-term Reliability**
- Priority: **H**
- Status: **On-going, RCIS is under renovation.**

- Work Plan item name: CIP Implementation Guidance for Synchrophasor Systems (Support SWG & SITES)
- Work Plan item detailed description: Help the industry better prepared to protect the synchrophasor systems appropriately as they move into real-time operational use for decision making.
- Scheduled completion date: Q2 2025
- Applicability to address:
  - Long-term Reliability
- Priority: H
- Status: Under Development by SWG & SITES.

- Work Plan item name: **Grid Oscillations Events Report-out (Standing SMWG agenda item to discuss).**
- Work Plan item detailed description: **Grid Oscillation Events Reporting (Standing RTOS agenda item to discuss).**
- Scheduled completion date: **Perpetual**
- Applicability to address:
  - **Event and Disturbance Reports**
- Priority: **M**
- Status: **On-going**

- Work Plan item name: Consolidation the Two Oscillation Papers
- Work Plan item detailed description: Consolidate two SMS/SMWG previously developed oscillation papers
  - Forced oscillation guideline
  - Oscillation analysis white paper
- Scheduled completion date: Q2 2025
- Applicability to address:
  - TRD Development
- Priority: M
- Status: Under SMWG Review.

- Work Plan item name: PMU Data Accuracy Maintenance Manual
- Work Plan item detailed description: Develop Data Accuracy Maintenance Manual
- Scheduled completion date: Q4 2025
- Applicability to address:
  - TRD Development
- Priority: M
- Status: Under Development

- Work Plan item name: Role-Based Synchrophasor Training
- Work Plan item detailed description: Develop Tailored Training Materials for Different Stakeholders in Utility
- Scheduled completion date: Q4 2025
- Applicability to address:
  - TRD Development
- Priority: H
- Status: Under Development





# Questions and Answers