

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Synchronized Measurement Working Group Update

Clifton Black, Vice-Chair SMWG
NASPI Meeting
September 27, 2023

RELIABILITY | RESILIENCE | SECURITY



- Oscillation Report Template
 - Updated the descriptions per April meeting
 - Updated on the NERC website
 - Serves as a starting point for future reports
 - Calling for reports about new types of oscillations
- Hydro Unit Oscillation Event on 3/21
 - Published on NERC website
 - https://www.nerc.com/comm/RSTC/SMWG/NERC_SMWG_Oscillation_Event_Report_March_21_2022_Final_Public.pdf
- Held July SMWG Virtual Meeting
 - 46 participants
 - Had a great discussion

- Develop a Roadmap for Integrating Synchrophasors into Real-time Operations
 - Discussed the outlines during the July virtual meeting
 - Coordinating with CRSTT
- Add Oscillation as a Category in RCIS
- Develop a CIP Implementation Guidance for Synchrophasor Systems
 - Proposed to and will support SWG and SITES
- Hold the September (9/28) Hybrid Meeting at EPRI Charlotte, NC
 - RTOS leadership will participate
 - Co-hosting a NASPI-SMWG Workshop (9/27)
 - Topic: Next Generation Measurement-Based Reliability Tools
 - RTOS leadership will participate

- Develop a Synchrophasor Data Accuracy Maintenance Manual
 - Targeting frontline IT communication (ICCP) engineers
 - To support their troubleshooting process and improve the overall PMU data quality
 - A joint task with EMSWG

A stylized map of North America is centered on the page. The map is divided into three horizontal color bands: a light blue band at the top, a dark blue band in the middle, and a light grey band at the bottom. The dark blue band is the widest and contains the main title. The map shows the outlines of the United States, Canada, and Mexico.

Questions and Answers