Control Room Solutions Task Team

NASPI Quarterly Task Team Meeting
1/21/2026

Co-leads:

Kliff Hopson – Bonneville Power Administration

Mike Nugent – Nextera Energy Transmission

Agenda

Wednesday, January 21, 2026	
9:00 – 10:50 PT 12:00 – 1:50 ET	**Control Room Solutions Task Team (CRSTT)** The CRSTT works to advance the use of real-time applications to improve control room operations and grid resilience and reliability.
5 minutes	Welcome – CRSTT Co-Leads Mike Nugent (NextEra Energy) and Kliff Hopson (BPA)
10 minutes	NASPI Update – Jim Follum (PNNL)
5 minutes	CRSTT Updates – Mike Nugent (NextEra Energy) and Kliff Hopson (BPA)
20 minutes	TVA's Thoughts on PMUs in the Control Room – Jonathan Sides (TVA)
20 minutes	Update on Role Based Training – Kliff Hopson (BPA)
50 minutes	Real Time Stability Monitoring SAR Workshop

CRSTT Work Plan

This team's priorities are to:

1. Work directly with grid operators and electric utilities to identify and help resolve issues that are impeding the implementation of synchrophasor-based applications in the Operations Horizon.
2. Develop documentation that defines the safety, reliability and economic benefits that synchronized measurement technology provides.
3. Recognize and share industry best practices.
4. Support the design, development and delivery of synchronized measurement application training for end users.
5. Promote operational event analysis to demonstrate the value of synchronized measurement technology.

TVA's Thoughts on PMUs In the Control Room

Jonathan Sides – TVA

NASPI Role-Based Training (Operations)

Kliff Hopson – CRSTT Co-Chair (BPA)

Real-Time Stability Monitoring SAR Task Force – Workshop

Task Force Leaders:

Kevin Ostash - kjostash@hydro.mb.ca
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Mike Nugent - michael.nugent@nexteraenergy.com

Overview

- Purpose:
- RTSM Task Force will investigate the development of a NERC Standard Authorization Request (SAR) to address the following:
  - Update required RC's / TOPs NERC standards requirements to ensure
    - Stability is monitored in operations for both pre contingent (oscillations, islanding, damping, inertia, real-time SOLs) and post contingent (lookahead – contingency analysis, transfer scenarios, transient, voltage, and cascading analysis) time frames
    - Have an operating plan to address these events
    - Have a communication plan with required entities
  - SAR will provide necessary updates to the RTA and OPA definitions to recognize the requirements for assessing and monitoring stability in the RTA and OPA timeframes.

Activities

- Develop white paper as the foundation for SAR justification:
  - Review and summarize major system events and recommendations from around the world.
  - Research regulatory requirements for stability monitoring from external jurisdictions around the world. Utilities in other areas already rely exclusively on WAMS technology for monitoring stability, inertia, and corrective action.
  - Review and summarize current North American NERC standards related to real-time monitoring of stability and oscillations.
  - Propose changes to NERC requirements
- Develop NERC SAR document in consultation with NERC SMWG.

Timeline

- Dec 2025: Review White Paper outline and determine teams to address each section
- Jan to April 2026: Draft white paper
- April 14/15: Present White Paper at NASPI CRSTT
- May to June 2026: Draft SAR

White Paper Outline

Table of Contents

1. Acronyms and Definitions
2. Purpose / Background
3. Recommendations from Large System Events (M & M)
4. Review of External Best Practices and Regulatory Requirements (M & M)
5. Review of Existing NERC Standards (Kevin, Nazra)
6. Proposed Changes to NERC Standards (Mike)
7. References
8. Contributors

Control Room Solutions Task Team Contact Info

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