

Joint NERC SMWG/NASPI Task Force for Role-Based Synchrophasor Training

Vision Statement

To empower all critical utility stakeholders with tailored, role-based synchrophasor knowledge that drives effective integration, utilization, and business value realization of synchrophasor technology across the North American electric power industry.

Mission Statement

To develop and deliver comprehensive, role-specific training modules on synchrophasor technology that:

- Recognize and address the needs of all stakeholders within the utility ecosystem.
- Promote widespread adoption, collaboration, and innovation.
- Foster operational excellence, compliance, and organizational resilience.
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Scope of Work

The Task Force will:

- Develop a modular, role-specific training curriculum for synchrophasor education.
- Cover both general and department-specific content, practical applications, and compliance needs.
- Design assessments and certifications tailored to each role.
- Incorporate continuous improvement mechanisms to ensure ongoing relevance.
- Collaborate with industry experts and leverage existing standards and training resources.

Stakeholders addressed will include (but are not limited to):

- Executive Leadership
- Transmission Planning & Operations
- Protection & Control
- Distribution Operations
- IT & Cybersecurity
- R&D
- Compliance
- Maintenance & Field Services
- Customer Support

Schedule & Timeline (Target Completion: December 2025)

Phase	Milestones	Timeline
Phase 1: Kickoff & Planning	Finalize TF membership, designated project manager, initial planning meeting	May–June 2025
Phase 2: Stakeholder Needs Analysis	Survey, interviews, gap assessment, validation of audience groups	June–July 2025

Phase 3: Curriculum Design	Define learning objectives, content outlines, module structure by role	June–September 2025
Phase 4: Content Development	Draft and review role-based modules, quizzes, case studies	August –December 2025
Phase 5: Pilot & Feedback	Run pilots for select stakeholder groups, collect feedback	November 2025–January 2026
Phase 6: Finalize & Publish	Incorporate feedback, finalize materials, launch certification pathways	March 2026

Initial Prioritization of Activities

1. Designate Project Manager – Critical for coordination and task tracking.
2. Develop Stakeholder Engagement Plan – Ensure representation across roles.
3. Draft Training Framework – General modules + customizable role-based modules.
4. Inventory Existing Resources – Leverage NASPI/NERC materials where applicable.
5. Develop Survey for Stakeholder Needs – Identify specific pain points, current gaps.

Kickoff Plan

Objective: Formally initiate the task force, align on scope, roles, and deliverables.

1. Send Introductory Communication (Email + Calendar Invite)
 - a. Introduce vision, scope, and importance of the task force.
 - b. Provide high-level agenda and objectives for kickoff.
 - c. Confirm availability for the Kickoff Meeting in early June.
2. Kickoff Meeting Agenda (1.5 hrs)
 - a. Welcome and Introductions
 - b. Overview of Vision, Mission, and Scope
 - c. Review of Schedule and Milestones
 - d. Roles and Responsibilities
 - e. Designation of Project Manager
 - f. Initial Activity Assignments
 - g. Open Discussion and Q&A
3. Post-Kickoff Follow-Up
 - a. Distribute meeting summary and task assignments.
 - b. Launch collaboration platform (e.g., SharePoint, Teams).
 - c. Begin stakeholder outreach and training needs survey.

Other Considerations:

1. Need to develop training the trainer material
2. Ensure that appropriate personnel are recruited to support the different stakeholder modules
3. Central hub to store materials (PNNL external facing site with security)
4. Need to send out doodle poll to coordinate on schedule for first meeting (suggest 2-week cadence)