Reliability Compliance Update

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Planning Committee (PC)
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Disclaimer: While materials are current at the time of publishing, applicable requirements may change. PJM Governing Documents control.

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Reliability Standards to Address Computational Load Event Reporting, Model Validation, and Model Quality Assessment - SAR

BACKGROUND:	Action	End Date
Purpose The goal of this project is to increase the reliability of the BPS by establishing requirements for analyzing and reporting unexpected Computational Load Sites performance events during a disturbance or normal operations along with protection misoperations, customer-initiated load reduction (CILR) event(s) to the Reliability Coordinator, Transmission Operations Planner, and Regional Entities where necessary. Additionally, it aims to increase the reliability of the BPS by improving the accuracy of models representing Computational Load Sites by requiring Computational Load Owners to perform model quality assessment and validate their Computational Load Sites models against measured events. This process should also require model updates to be provided to the relevant entities. Comment Matrix	**Comments**	**9/23/26-10/22/26**

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Studying Computational Load Loss in Planning and Operational Reliability Studies - SAR

BACKGROUND:	Action	End Date
Purpose The goal of this project is to require that Computational Load Sites and their unique behaviors are modeled and studied within operational and longer-term planning studies including the reduction, loss, and subsequent reconnection of Computational Load. The project will also require that the results of these studies be communicated to the necessary entities in the planning and near-term operating horizon. Through revisions to TPL, FAC, and IRO studies, this project will address existing Reliability Standard gaps by including the loss of Computational Load Site(s) as an event or contingency category, considering clustered load loss of Computational Load Site(s) in an area, including disconnection & reconnection, and determining of the largest load loss disconnection resulting from a single contingency event. Comment Matrix	**Comments**	**9/23/26-10/22/26**

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Standard Processes Manual Revision (SPM) / Modernization of Standard Processes and Procedures (MSPP) Implementation

BACKGROUND:

Purpose

In February 2026, the NERC Board accepted the *Recommendations for Transforming the Reliability Standard Framework* developed by the Modernization of Standards Processes and Procedures (MSPP) Task Force . Following this action, NERC staff launched the implementation phase of this initiative to develop the processes and procedures necessary to implement the MSPP Task Force's recommendations. Implementation requires revising the Rules of Procedure (ROP), including the Standard Processes Manual (Appendix 3A). Additional supporting materials including a section-by-section summary of the proposed revisions is available on the Modernization of Standards Processes and Procedures page.

Unofficial Comment Form

Action	End Date
Ballot Pools	10/9/26
Initial Ballots	10/16/26-10/26/26
Comments	10/26/26

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Monitoring and Situational Awareness Technical Conference

October 6, 2026 | 8:00 a.m. – 5:00 p.m. Central

October 7, 2026 | 8:00 a.m. – 12:00 p.m. Central

The NERC Energy Management System Working Group will hold its 14th Annual Monitoring and Situational Awareness Technical Conference. This year's conference theme is "***Reassuring Modeling: From Legacy Errors to Verified Performance***." The event will bring together professionals to explore emerging technologies, innovative solutions, and workforce strategies that are shaping the future of the energy industry.

Conference Registration **Draft Agenda**

ComEd - Chase Tower, 10 S. Dearborn Street, Chicago, IL, 60603

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Bulk Electric System Operating Agility Workshop

October 7, 2026 | 1:00 p.m. – 5:00 p.m. Central

October 8, 2026 | 8:30 a.m. – 3:00 p.m. Central

NERC will hold its **second annual Bulk Electric System Operating Agility Workshop.** The workshop's purpose is to provide a forum for entities, across the grid, to share/discuss operating practices that influence/improve agility within operations. Planned topics include oscillation detection tools, industry interdependency challenges, a review of the Iberian Peninsula Outage, and a discussion on relay loadability with respect to cascading outage analysis. Additionally, there will be a panel discussion on how entities develop their respective real-time assessment tools.

In-Person Registration **Draft Agenda**

ComEd - Chase Tower, 10 S. Dearborn Street, Chicago, IL, 60603

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BES Misoperations Reduction Workshop

October 20-21 | 8:00 a.m. – 5:00 p.m. Central

Event Page

NERC is hosting the fourth annual BES Protection System Misoperation Reduction Workshop – Building on the success of the previous Bulk Electric System (BES) Protection System Misoperation Reduction Workshops, this year's workshop will continue to focus on the leading causes of protection system misoperations and mitigating actions taken by entities to reduce misoperations.

Registration

ERCOT Austin
8000 Metropolis (Building E), Suite 100
Austin, TX 78744

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Synchronized Measurement Working Group - Hybrid Meeting

November 5, 2026 | 9:00–5:00 p.m. Eastern

All attendees must register for the meeting by October 15, 2026. Visit the Event Details Page for registration, virtual attendance information, and meeting materials as they become available

Event Details Page

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Webinar: Equipment Failure Modes and Mechanisms

November 9, 2026 | 12:00–1:00 p.m. Eastern

The ERO Event Analysis Subcommittee's Failure Modes and Mechanisms Working Group will conduct a webinar to provide the industry information on this year's updates to Equipment Failure Modes & Mechanisms (FMM) Diagrams. The webinar will include a quick introduction to FMM, new FMM diagrams for Large Inverters and Static Var Compensators, a preview of FMMs for Lead Acid Batteries and Lithium BESS, and the Event Analysis Process' Addendum for Events with Failed Station Equipment. All meeting information including registration can be found on the **Event Detail Page**

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NERC Statement on 2026 Cold Weather Performance Review

FERC, NERC, and its Regional Entities released a joint staff report reviewing how the bulk power and natural gas systems performed during the winter 2026 arctic cold weather period. The report finds laudable improved performance while noting that extreme cold continues to challenge both systems, underscoring the urgent need for sustained progress and vigilance.

Last winter, extreme cold snaps persisted over extended days in parts of the Eastern and Texas Interconnections, precipitating significant operational stress on the electric and gas systems that requires deliberate attention. The report also finds strong system performance with no significant disruption to either system. The report credits several factors, such as new cold weather reliability standards, leveraged insights from past events, better coordination, advance fuel procurement, enhanced winter preparedness, and emergency orders by the Secretary of Energy.

This winter showed that industry actions are making a difference; however, the work is not finished. Both the electric and gas systems were stretched over multiple days, resulting in numerous reliability challenges that continue to stress the system during extreme winter weather periods, increasing the potential for serious reliability impacts. Electric operators relied on their full toolbox to keep the lights on. Multiple energy emergencies were called. Such scenarios should not be considered the new normal. Winter brings significant reliability risks, and energy systems remain highly interconnected.

To the fullest extent of authority, NERC will continue to address the vulnerabilities that prolonged severe weather periods reveal and continue to call on both electric and gas industries to act on these challenges. Opportunities for further action include enhanced gas/electric coordination, improved load forecasting, and more natural gas infrastructure. NERC is committed to continued work with industry and policymakers to address extreme cold weather performance.

Joint Staff Report

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Reliability and Security Technical Committee (RSTC) Approved Documents

Security Guideline:

- Synchrophasor Systems and Data
- Distributed Energy Resource Aggregator
- Inverter-Based Resources (IBR)

Reliability Guideline: Parameterization of the DER A Model for Aggregate DER

Technical Reference Document: Probabilistic Adequacy and Measures

White Paper:

- Electric Artificial Intelligence (AI) and Machine Learning (ML) Maturity Model
- Uniform User Interface and Internal Structure for IBR EMT Models

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Request for Industry Comments: Inadvertent Interchange

Comment Period: August 26, 2026, to October 12, 2026

The Reliability and Security Technical Committee (RSTC) approved the Reliability Guidelines for Inadvertent Interchange for a 45-day industry comment period. Your input will help improve the documents and ensure they effectively meet industry needs. When submitting your comment matrix to Elsa Prince, please use the hyperlinked name below. The name of the document that you are submitting comments on will automatically appear in the subject line of your email. For more information or assistance, please contact **Elsa Prince**.

Reliability Guideline – Clean

Reliability Guideline - Redline

Comment Matrix

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Request for Industry Comments: Primary Frequency Control

Comment Period: September 24, 2026, to November 9, 2026

The Reliability and Security Technical Committee (RSTC) approved the Reliability Guidelines for Primary Frequency Control for a 45-day industry comment period. Please use the comment matrix linked below to outline any thoughts, suggestions, or observations you may have. Your input will help improve the documents and ensure they effectively meet industry needs.

Clean Redline

Comment Matrix - to be submitted to **Elsa Prince**

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Request for Industry Comments:

DER Data, Model Verification and Model Validation of Aggregate DER

Comment Period: September 29, 2026, to November 16, 2026

The RSTC Executive Committee formally accepted each of the documents for 45-day public comment on September 22. All stakeholders are encouraged to provide feedback on the Guideline. Please use the Comment Matrix Spreadsheet for comments and submit comments to SPIDERWG@nerc.net via email.

DER Data, Model Verification and Model Validation of Aggregate DER – Clean

DER Data, Model Verification and Model Validation of Aggregate DER - Redline

Comment Matrix

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Reliability*First* (RF)

- Technical Talks with RF

October 26, 2026	2:00 p.m. – 3:30 p.m.
November 16, 2026	2:00 p.m. – 3:30 p.m.
December 14, 2026	2:00 p.m. – 3:30 p.m.

https://www.rfirst.org/events/list/

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Reliability Compliance Update

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