Reliability Compliance Update

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Reliability Standards & Compliance Subcommittee (RSCS)
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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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Large Loads Action Plan

2026 Q3 Quarterly Update

The third quarter update on the Large Loads Action Plan is part of an ongoing effort to inform, educate, and collaborate with stakeholders on this emerging issue. This update outlines actions NERC has taken to address this rapidly evolving issue, including progress on revised registry criteria and foundational Computational Load Standards, as well as information on a FERC order and NERC filings.

Large Loads Action Plan webpage

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

BACKGROUND:	Action	End Date
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	**Initial Ballots** **Comments**	**10/16/26-10/26/26** **10/26/26**

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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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Request for Industry Comments:

Integrating Reporting ACE with NERC Reliability Standards

Comment Period: August 18, 2026, to October 23, 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: 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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Request for Industry Comments:

Capacity Contributions Technical Reference Document

Comment Period: October 2, 2026, to November 16, 2026

NERC is developing a technical reference document on practices for assigning resource capacity contribution and is seeking stakeholder input. The effort is an outcome of the June 2025 workshop where experts discussed effective load carrying capability (ELCC) and other capacity accreditation practices, identified barriers to standardization, and explored opportunities for alignment across bulk power system (BPS) planning jurisdictions.

The objective of this technical reference document is to reinforce technically sound principles and document best practices for determining capacity contributions across the industry. By identifying shared principles, assumptions and challenges under evolving grid conditions – such as the integration of variable and energy limited resources – the reference document aims to yield more accurate and consistent capacity values for all resource types, strengthen confidence in reliability metrics, and enable comparability across ISO/RTOs and non-market jurisdictions.

Draft Capacity Contributions Technical Reference Document
Comment Matrix

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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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ERO Enterprise Themes and Best Practices Posted

Extreme Cold Weather Themes and Best Practices Report

The report highlights common themes and challenges that can affect a registered entity's ability to prepare for and respond to extreme cold weather events. In addition, it outlines best practices designed to address these identified challenges and support registered entities in strengthening the mitigation measures they are implementing to reduce the risks associated with extreme cold weather.

For more information or assistance, please contact **Derek Kassimer** via email or at 470-936-3260

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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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