

Standards, Compliance, and Enforcement Bulletin

November 21–27, 2022

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ACTIVE STANDARDS POSTINGS

Current and Upcoming Ballots (ballot periods close at 8:00 p.m. Eastern)

Project	Action	Start Date	End Date
Project 2021-05 – Modifications to PRC-023	Initial Ballots and Non-binding Poll	11/23/22	12/02/22
Project 2021-06 – Modifications to IRO-010 and TOP-003 Draft 1	Initial Ballots and Non-binding Polls	12/06/22	12/15/22
Project 2021-02 Modifications to VAR-002-4.1 Draft 1	Initial Ballots and Non-binding Poll	12/09/22	12/19/22

Join Ballot Pools

Project	Action	Start Date	End Date
Project 2021-06 – Modifications to IRO-010 and TOP-003 Draft 1	Join Ballot Pools	10/25/22	11/30/22
Project 2021-02 Modifications to VAR-002-4.1 Draft 1	Join Ballot Pools	10/31/22	11/29/22

Posted for Comment

Project	Action	Start Date	End Date
Project 2021-05 – Modifications to PRC-023	Comment Period	10/10/22	12/02/22
Project 2022-05 – Modifications to CIP-008 Reporting Threshold Standard Authorization Request SAR	Comment Period	11/02/22	12/05/22
Project 2021-06 – Modifications to IRO-010 and TOP-003 Draft 1	Comment Period	10/25/22	12/15/22
Project 2021-02 Modifications to VAR-002-4.1 Draft 1	Comment Period	10/31/22	12/19/22
NEW Project 2020-06 – Verifications of Models and Data for Generators Draft 2	Comment Period	11/21/22	01/18/23

OTHER ACTIVE COMMENT PERIODS

Posted for Comment

Posting	Action	Start Date	End Date
NEW Comment Period Open for Draft Reliability Guideline: The RSTC pre-approved posting of the Draft Reliability Guideline: Gas and Electrical Operational Coordination Considerations for industry comment. The redline version is also available.	Please submit comments via email using the comment form .	11/17/22	01/02/23
NEW Comment Period Open for Draft Reliability Guideline: The Reliability and Security Technical Committee (RSTC) pre-approved posting of the Draft Reliability Guideline: Cyber Intrusion Guide for System Operators: Version 2 for 45-day industry comment. The redline version is also available.	Please submit comments via email using the comment form .	11/18/22	01/02/23

STANDARDS NEWS

NEW Resources Posted

NERC posted the [slide presentation](#) and [recording](#) from the November 17 Project 2021-05 – Modifications to PRC-023 Industry Webinar.

NEW Standards Committee Announcement Segment Representative Election Results

Each of the 10 industry segments that make up the NERC Standards Committee (SC) had a vacancy to fill a two-year term beginning January 1, 2023 and ending December 31, 2024. A nomination period was held from October 3–24, 2022 for each segment. An election for Segments 1 through 9 was held from November 2–14, 2022. NERC verified the votes cast and confirmed the results. The elected nominees all received the highest total number of votes in that segment and received a simple majority of the votes cast in that segment. In accordance with Appendix 3B of the NERC Rules of Procedure, the following individuals have been elected to fill two-year terms in their respective segments.

- Segment 1: Troy Brumfield
- Segment 2: Charles Yeung
- Segment 3: Vicki O'Leary
- Segment 4: Patti Metro
- Segment 5: Jim Howell
- Segment 6: Justin Welty
- Segment 7: Venona Greaff
- Segment 8: Philip Winston
- Segment 9: William Chambliss

Segment 10 has an alternative election procedure, as permitted by Appendix 3B of the NERC Rules of Procedure. Pursuant to that alternative election procedure, Steve Rueckert, from WECC was elected to represent Segment 10. For more information or assistance, please contact [Alison Oswald](#).

Quick Links

- [Register in the SBS](#)
- [Projected Standards Posting Schedule](#)
- [Project Tracking Spreadsheet](#)
- [2021–2023 Reliability Standards Development Plan](#)
- [Quality Review Application](#)
- [One-Stop Shop \(Status, Purpose, Implementation Plans, FERC Orders, RSAWs\)](#)
- [CIP Standards Efficiency Review](#)
- [Submit Questions or Feedback](#)

GENERAL COMPLIANCE AND ENFORCEMENT NEWS

NEW Posted RSAWs

Reliability Standard Audit Worksheets (RSAWs) for [CIP-004-7](#) and [CIP-011-3](#) have been posted. These standards have an effective date of January 1, 2024 and reflect the changes related to Standard Drafting Team Project 2019-02 – BES Cyber System Information (BCSI) Access Management.

An [RSAW](#) is a guide provided by the ERO Enterprise that describes types of evidence, registered entities may use to demonstrate compliance with a Reliability Standard. RSAWs also include information regarding how the ERO Enterprise may assess that evidence. RSAWs do not require specific evidence to be provided, and they are not intended to require a single, exclusive approach to assessing compliance with a Reliability Standard.

Quick Links

[Compliance Monitoring & Enforcement Program One-Stop Shop](#)
[ERO Enterprise Program Alignment Process](#)
[Consistency Reporting Tool \(EthicsPoint\)](#)
[Risk-Based Registration Initiative](#)
[Reliability Standard Audit Worksheets](#)
[Enforcement & Mitigation: Enforcement Actions](#)
[Align Project](#)

OTHER NEWS

NEW DER Study Results

To support NERC's stakeholders and in alignment with NERC's distributed energy resource (DER) strategy, NERC has studied the impact data gathering or modeling thresholds have on the quality of transmission base cases. Low case quality negatively impacts a transmission study's findings as well as limits the ability for transmission planners to assess and design their system. This study focuses on intentionally applied limitations to the modeling of DER in transmission planning base cases to analyze any changes to the response of the bulk system for common contingencies used in annual planning assessments. The [study](#) found that intentional limitations on the data negatively impact the quality of simulation results. The key findings from this analysis showed:

- Data gathering thresholds should be zero
- DER Modeling thresholds are system specific
- Modeling thresholds for DER should have a study analyzing impact on case quality

NERC continues to study, monitor, and assess the growth of DER in alignment with NERC's DER Strategy. NERC's System Planning Impacts from DER Working Group seeks to also report in the coming year on various improvements and findings related to the aggregate control of DERs as well as their response to various bulk system conditions.

NEW Winter Reliability Assessment Warns Generation Resources Tight in Large Portion of North America this Winter

NERC's [2022-2023 Winter Reliability Assessment](#) warns that a large portion of the North American bulk power system is at risk of having insufficient energy supplies during severe winter weather. The assessment finds high peak-demand projections, inadequate generator weatherization, fuel supply risks, and limited natural gas infrastructure are contributory factors to reliability risk. Undertaken annually in coordination with the Regional Entities, NERC's *Winter Reliability Assessment* examines multiple factors that collectively provide deep and unique insights into potential bulk power system reliability risks for the winter. [Full Announcement](#) | [2022–2023 Winter Reliability Assessment Infographic](#)

NEW Lessons Learned Posted

NERC posted one new lessons learned— [Preventing Unwanted Operations during Relay Diagnostic Restarts](#)—to the [Lessons Learned](#) page.

STANDARDS SUBJECT TO FUTURE ENFORCEMENT

Please refer to the [U.S. Effective Dates page](#) for the most up-to-date information on effective dates and for more detail on the below.

U.S. Effective Dates for Reliability Standards	
U.S. Effective Date	Standard(s)
January 1, 2023	TPL-007-4 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R3, R4, 4.1, 4.1.1–4.1.2, 4.2, 4.3, 4.3.1, R8, 8.1, 8.1.1–8.1.2, 8.2, 8.3, 8.3.1)
April 1, 2023	EOP-011-2 – Emergency Preparedness and Operations
	IRO-010-4 – Reliability Coordinator Data Specification and Collection
	TOP-003-5 – Operational Reliability Data
July 1, 2023	TPL-001-5.1 – Transmission System Planning Performance Requirements Implementation Plan
January 1, 2024	CIP-004-7 – Cyber Security – Personnel & Training
	CIP-011-3 – Cyber Security - Information Protection
	TPL-007-4 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R7, 7.1–7.3, 7.3.1–7.3.2, 7.4, 7.4.1–7.4.3, 7.5, 7.5.1., R11, 11.1–11.3, 11.3.1–11.3.2, 11.4, 11.4.1–11.4.3, 11.5, and 11.5.1)
April 1, 2024	FAC-003-5 – Transmission Vegetation Management
	FAC-011-4 – System Operating Limits Methodology for the Operations Horizon
	FAC-014-3 – Establish and Communicate System Operating Limits
	IRO-008-3 – Reliability Coordinator Operational Analyses and Real-time Assessments
	PRC-023-5 – Transmission Relay Loadability Implementation Plan
	PRC-002-3 – Disturbance Monitoring and Reporting Requirements Implementation Plan
	PRC-026-2 – Relay Performance During Stable Power Swings Implementation Plan
TOP-001-6 – Transmission Operations	

BOARD OF TRUSTEES AND FERC ACTION

NEW NERC Board Focuses on Enhanced Effectiveness, Efficiency

Recognizing that the energy transformation requires effective tools to manage rapidly emerging reliability risks, NERC's Board of Trustees focused on innovations to make NERC more efficient and effective. More than 150 stakeholders attended the last Board meeting of 2022, only the second in-person meeting since the start of the pandemic. In his president's remarks, Jim Robb looked ahead to the coming years and challenges on the horizon for industry. "We are living in extraordinary times with the transformation of our industry occurring at a rapid rate. We are replacing well-understood, large-scale generation with a new resource mix that has very different risk characteristics," Robb said. "Managing the risks of a transforming system in an orderly way is the central priority for reliability." [Full Announcement](#)

NEW NERC Filings

On November 15, 2022, NERC and the Regional Entities provided [comments](#) in response to the Cybersecurity and Infrastructure Agency (CISA) Request for Information (RFI) on the Cyber Incident Reporting for Critical Infrastructure Act of 2022. You can find NERC filings to other agencies [here](#).

On November 14, 2022, NERC submitted an [unaudited report](#) of NERC's budget-to-actual variance information for the third quarter 2022. This compliance filing is in accordance with FERC's January 16, 2013 Order, which approved a Settlement Agreement between the FERC Office of Enforcement and NERC, related to findings and recommendations arising out of its 2012 performance audit. You can find all filings to FERC for 2022 on our website [here](#).

NEW FERC Issuances

On November 17, 2022, FERC issued:

- a [Notice of Proposed Rulemaking \(NOPR\)](#), under RM22-12, proposing to direct NERC to develop new or modified Reliability Standards that address reliability gaps related to Inverter-Based Resources (IBRs): data sharing; model validation; planning and operational studies; and performance requirements.
- an [order](#) approving Reliability Standards FAC-001-4 and FAC-002-4 under RD22-5.
- an [order](#) on Registration of IBRs under RD22-4. The order directs NERC submit a work plan within 90 days of the order issuance describing how it plans to identify and register owners and operators of all IBRs that are connected to the BPS.

You can find all FERC issuances for 2022 on our website [here](#).

UPCOMING EVENTS

For information about other NERC events, such as meetings and conference calls for other standing committees, subcommittees, task forces, and working groups, please refer to the [NERC calendar](#).

Workshops and Conferences

- Distributed Energy Resources Virtual Workshop – 11:00 a.m.–5:00 p.m. Eastern, December 14, 2022 | [Register](#)

Webinars

- Failure Modes and Mechanisms Webinar – 12:00–1:00 p.m. Eastern, December 15, 2022 | [Register](#)

Standing Committee Meetings and Conference Calls

- Standards Committee Meeting – 10:00 a.m.–3:00 p.m. Eastern, December 13, 2022 | [Register](#)

Standard Drafting Team Meetings

- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–2:30 p.m. Eastern, November 29, 2022 | [Register](#)
- Project 2021-08 – Modifications to FAC-008 Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, November 29, 2022 | [Register](#)
- Project 2022-02 – Modifications to TPL-001 and MOD-032 Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, November 30, 2022 | [Register](#)

ERO Enterprise Events

- **TEXAS RE** Talk with Texas RE: Best Practices for Certification and Certification Review Activities – 1:30–2:30 p.m. Central, December 8, 2022 | [Register](#)

ABOUT THE STANDARDS, COMPLIANCE, AND ENFORCEMENT BULLETIN

This weekly bulletin compiles a list of standards, compliance, and enforcement projects with actionable deadlines, as well as upcoming events, recently posted resources, other NERC documents posted for comment, and other relevant news and information. Please email [Amy Klagholz](mailto:amy.klagholz@nerc.gov) with feedback on this bulletin. The current bulletin and old bulletins are available under “Program News” on both the [Standards home page](#) and the [Compliance & Enforcement home page](#).

REGISTRATION: If you would like to receive this bulletin or be added to a NERC distribution list, you **must** first register an account in the [ERO Portal](#). Once you have registered your ERO Portal account, authenticated your credentials with DUO, and completed your profile, please submit a ticket through the [Help Desk](#) by selecting the “NERC Email Distribution List” option under the Applications menu. In the Description Box, please specify which lists you would like your email address to be added to. If you are unsure of which distribution list you would like to be added to, an excellent starting point is the “[Committee](#)” page. You can note the committee abbreviation, which represents the distribution list you would like to join, in the Description Box. If you have other NERC-related or specific Standards projects you’re interested in, you may request those as well. If you’re interested in general information, please request to be added to the NERC-info distribution list, which covers most NERC announcements. This bulletin is distributed to several lists, including the Standards distribution list (Standards-specific announcements) and the NERC-info distribution list.