

Standards, Compliance, and Enforcement Bulletin

April 29–May 5, 2024

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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
NEW Project 2023-03 – Internal Network Security Monitoring	Final Ballot	04/24/24	04/30/24
Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather Draft 1	Initial Ballots and Non-Binding Poll	04/24/24	05/03/24
Project 2021-03 – CIP-002 Draft 2 CIP-002-Y	Additional Ballots and Non-Binding Poll	05/07/24	05/16/24

Join Ballot Pools

Project	Action	Start Date	End Date
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Posted for Comment

Project	Action	Start Date	End Date
Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather Draft 1	Comment Period	03/20/24	05/03/24
Project 2021-03 – CIP-002 Draft 2 CIP-002-Y	Comment Period	04/02/24	05/16/24
Regional Reliability Standard BAL-004-WECC-4	Comment Period	04/10/24	05/28/24

Posted for Comment			
Posting	Action	Start Date	End Date
<p>NEW Open Comment Period for White Paper and Technical Reference Document: The System Protection and Controls Working Group (SPCWG) is seeking industry comments on the following documents. The Steady State Approach for PRC-024-3 Evaluation for Inverter-Based Resources – White Paper illustrates how a Generator Owner of an inverter-based resource (IBR) may evaluate their compliance with Requirement R2 of the NERC Reliability Standard PRC-024-3. The example provided in this report is not exclusive as there are likely other methods for implementing a standard. This report provides an example of how NERC registered entities can project their IBR unit voltage protection settings to a corresponding main power transformer (MPT) high-side voltage or conversely project the MPT high-side voltages to the corresponding IBR unit voltage protection settings. They can then directly compare the voltage protection settings to the PRC-024-3 voltage boundary curve since both values are on the same basis.</p> <p>The Transmission System Phase Backup Protection – Technical Reference Document discusses the pros, cons, and limitations of backup protection, and include recommendations, where deemed appropriate, for a balanced approach to the use of backup relaying as a means to ensure adequate system performance and/or to provide a system safety net to limit the spread of a system disturbance for events that exceed design criteria, such as those involving multiple protection system or equipment failures. The document</p>	<p>Submit comments to via email to Ed Ruck using the comment matrices.</p> <p>White Paper Comment Matrix</p> <p>Technical Reference Document Comment Matrix</p>	04/24/24	05/23/24

<p>provides a discussion of fundamental concepts related to phase backup protection for the most common equipment on the power system: transmission lines and autotransformers.</p> <p>The Reliability and Security Technical Committee (RSTC) approved posting for a 30-day industry comment period. Draft versions of the documents have been posted on the Reliability Guidelines, Security Guidelines, Technical Reference Documents, and White Papers page.</p>			
<p>Security Guideline Retirement Survey Now Available: The Security Working Group (SWG) has reviewed three existing Security Guidelines to determine if the Security Guidelines should be updated or retired. Internal SWG results favored the retirement of the three Security Guidelines (Control Systems Electronic Connectivity, Physical Security Considerations at High Impact Control Centers, and Physical Security Response). Per Reliability Security and Technical Committee (RSTC) process, this survey is being sent to industry for a 45-day comment period to validate the SWG’s internal finding that the three Security Guidelines listed below should be retired. Should they be retired, they will remain accessible on the RSTC Approved Documents Page but will be moved to the “Retired” section.</p> <p>Technology has continually evolved since these guidelines were published. It is essential that Security Guidelines be complete, accurate, impartial, and current. Thus, the industry is being asked to review these Security Guidelines and recommend the next steps by completing this survey. Any guideline(s) without strong support for an update will be moved to “Retired” status. If a guideline receives <i>no responses</i> from this inquiry, it will also be moved to “Retired” status.</p>	<p>Please respond to the survey here.</p>	<p>04/10/24</p>	<p>05/25/24</p>
<p>NEW Comment Period Open for Draft Reliability Guideline: As the use of distribution-connected power sources increases across the NERC footprint, studying the performance of these distributed energy resources (DER) and</p>	<p>Comments are to be submitted via email using the comment form.</p>	<p>04/22/24</p>	<p>06/06/24</p>

<p>their potential impact on BES reliability becomes paramount. To help bulk system planners in this regard, the System Planning Impacts from DER Working Group (SPIDERWG) has developed a reliability guideline. This guideline provides a set of recommended practices to study various aspects of DER in the planning horizon, including information sharing practices in a utility that serves both distribution and transmission functions.</p> <p>Reliability guidelines are not binding norms or parameters nor are they Reliability Standards; however, NERC encourages entities to review, validate, adjust, and/or develop a program with the practices set forth in this guideline. Entities should review this guideline in detail and in conjunction with evaluations of their internal processes and procedures; these reviews could highlight that appropriate changes are needed, and these changes should be done with consideration of system design, configuration, and business practices.</p> <p>The RSTC approved posting for a 45-day industry comment period. A draft version of the guideline has been posted on the Reliability Guidelines, Security Guidelines, Technical Reference Documents, and White Papers page.</p>			
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STANDARDS NEWS

NEW Initial Ballot and Non-Binding Poll Results for Project 2020-02 – Modifications to PRC-024

The initial ballots and non-binding polls of the associated Violation Risk Factors and Violation Severity Levels for Project 2020-02 – Modifications to PRC-024 (Generator Ride-through) concluded April 22, 2024. The voting statistics are listed below, and the details can be accessed on the [Ballot Results](#) page. The drafting team will review all responses received during the comment period and determine the next steps of the project.

Quick Links

- [Register in the SBS](#)
- [Standards Project Prioritization \(November 2023\)](#)
- [Projected Standards Posting Schedule](#)
- [Project Tracking Spreadsheet](#)
- [2023-2025 Reliability Standards Development Plan \(Filed With FERC\)](#)
- [Quality Review Application](#)
- [One-Stop Shop \(Status, Purpose, Implementation Plans, FERC Orders, RSAWs\)](#)
- [Submit Questions or Feedback](#)

	Ballot	Non-binding Poll
	Quorum / Approval	Quorum / Supportive Opinions
PRC-024-4	91.51% / 61.73%	89.37% / 63.79%
PRC-029-1	91.01% / 25.37%	88.45% / 25.15%
Implementation Plan	91.14% / 37.50%	N/A

NEW Standards Committee Nomination Results | Special Election Segment 3

The Standards Committee (SC) nomination period for the special election for Segment 3 to fill the remainder of the 2024–2025 term closed April 15, 2024. Claudine Fritz, Jamison Cawley, and Scott Brame were nominated. An election began April 29, 2024 and will remain open for ten calendar days, closing on Wednesday, May 8, 2024, at 8:00 p.m. Eastern. Each individual or entity that is a member of Segment 3 may vote. Detailed

information on each candidate is posted on the [Standards Committee's Nominations and Elections](#) web page. Click [here](#) to vote if you represent Segment 3. Proxies are allowed; proxy designations should be emailed to [Gwendolyn Howard](#) prior to voting.

GENERAL COMPLIANCE AND ENFORCEMENT NEWS

NEW Compliance Guidance Posted

There is one new proposed Implementation Guidance document posted on the [Compliance Guidance web page](#): [PRC-023-6 R1 Determination of Practical Transmission Relaying Loadability Settings](#) (RSTC).

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 and ERO SEL](#)

OTHER NEWS

NEW Member Representatives Committee Shares Sector Spotlights from Informational Session and Survey Request

The Member Representatives Committee (MRC), which includes industry representatives from Sectors 1–12, elects independent trustees, votes on amendments to the NERC Bylaws, and provides advice and recommendations to the Board with respect to the development of annual budgets, business plans and funding mechanisms, and other matters pertinent to the purpose and operations of the corporation.

The MRC hosts open Informational Sessions throughout the year to review preliminary agenda topics for upcoming MRC, Board of Trustees, Board Committee, and Technical Session meetings. In 2023, the MRC added an educational component to the sessions to provide additional background and context around NERC governance and activities relevant to the operations of NERC.

At the April MRC Informational Session, the MRC launched an Educational Series focused on increasing awareness and understanding of the NERC Membership Sectors represented on the MRC. MRC members from Sector 1: Investor-Owned Utility, Sector 8: Large End-Use Electricity Customers, and Sector 9: Small End-Use Electricity Customers highlighted their respective Sectors, including how each is organized and who they represent. These Sector spotlights are available on [NERC's YouTube channel](#), and the remaining Sectors will be featured during upcoming MRC Informational Sessions. Additionally, NERC requests your feedback regarding the *MRC Informational Session – Educational Series*. Please respond

using the [survey](#) by **May 7, 2024**. Responses are anonymous. For more information about the MRC or informational sessions, please contact [Katie Cain](#).

NEW Call for Volunteers for IBR Security Guideline

The Security Integration & Technology Enablement Subcommittee (SITES) is seeking volunteers to join the team to develop a security guideline for inverter-based resources (IBR), specifically including security controls for implementation architectures. An important attribute of SITES is that its teams have members with knowledge and experience that enables them to provide useful information that industry can use to enhance security practices and mitigate risks to reliability. We seek to increase industry participation in these teams as demand grows for experts who can help develop timely and high-quality recommendations and guidance to industry, ERO Enterprise, and other stakeholders.

Feedback from SITES body of membership has identified an industry need for a security guideline that outlines best practice security recommendations for securing implementations for IBR. Due to the rising proliferation of IBRs, their wide geographical disbursement, numbers, and inclusion in local distribution grids in addition to the bulk power system, a security guideline will serve a valuable need in driving secured implementations of these resources, helping to ensure reliability. Please contact [Larry Collier](#) if you or someone you know may be able to fill the available roles.

Roles and Estimated Time Commitment			
Role Name	Function	Hours/Week (Total)	Volunteers Needed
Sub-Team Lead (Filled)	Lead, organize, and champion the work effort(s) of the SITES sub-team	2	0
Subject Matter Expert with cyber security expertise	Provides expertise on relevant IT & OT cybersecurity controls and secure architecture and creates relevant content.	2	2
Subject Matter Expert with IBR expertise	Provides expertise on design and implementation architectures of inverter-based resources and creates relevant content.	2	2
Researcher	Perform searches on relevant industry guidance and creates relevant content.	2	1
Technical Writer	Edits and organizes the associated documentation for readability and accuracy	2	1

NEW Call for Volunteers for DER Aggregators Security Guideline

SITES is seeking volunteers to join the team to develop a security guideline for distributed energy resource (DER) aggregators, specifically their control systems used to aggregate control signals of DER. An important attribute of SITES is that its teams have members with knowledge and experience that enables them to provide useful information that industry can use to enhance security practices and mitigate risks to reliability. We seek to increase industry participation in these teams as demand grows for experts who can help develop timely and high-quality recommendations and guidance to industry, ERO Enterprise, and other stakeholders.

Feedback from SITES body of membership has identified an industry need for a security guideline that outlines best practice security recommendations for DER aggregators (DERA).

Due to the rising proliferation of retail level DERs, such as rooftop solar, battery storage, and controllable load devices like HVAC, as well as the entry of DERA entities into energy markets to aggregate control of this generation and load, the need is clear for guidance to lay out best practice controls for ensuring the IT & OT systems used by DERA entities are secured against malicious compromise attempts.

Roles and Estimated Time Commitment			
Role Name	Function	Hours/Week (Total)	Volunteers Needed
Sub-Team Lead (Filled)	Lead, organize, and champion the work effort(s) of the SITES sub-team	2	0
Subject Matter Expert with cyber security expertise	Provides expertise on relevant IT & OT cybersecurity controls and secure architecture and creates relevant content.	2	2
Subject Matter Expert with DER & DERA expertise	Provides expertise on design and implementation architectures of inverter-based resources and creates relevant content.	2	2
Researcher	Perform searches on relevant industry guidance and creates relevant content.	2	1
Technical Writer	Edits and organizes the associated documentation for readability and accuracy	2	1

Please contact [Larry Collier](#) if you or someone you know may be able to fill the available roles.

NEW NERC Shares Level 2 Alert: Recommendation to Industry 6 GHZ Communication Penetration in the Electric Industry

On April 23, NERC issued a [Level 2 Alert 6 GHZ Communication Penetration in the Electric Industry](#) to Distribution Provider (DP), Distribution Provider UFLS-Only (DP-UFLS), Generator Owner (GO), and Transmission Owner (TO). The alert includes a series of questions, that are intended to determine an initial extent of condition in assessing the depth of reliance on 6 GHz communications technology and the potential severity of interference. NERC registered entities should note that only entities registered as the above mentioned will be able to view and respond to the alert in the NERC Alert System. However, the alert is [public](#) and may be viewed at the link above. The alert has a response due date of **July 8, 2024**.

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)
October 1, 2024	EOP-012-1 – Extreme Cold Weather Preparedness and Operations Note: In accordance with FERC’s February 2023 approval order, NERC submitted a revised implementation plan for the EOP-012 standard on February 16, 2024, and it is pending FERC approval.
July 1, 2025	IRO-010-5 – Reliability Coordinator Data and information Specification and Collection Implementation Plan TOP-003-6.1 – Transmission Operator and Balancing Authority Data and Information Specification and Collection Implementation Plan
October 1, 2025	TOP-002-5 – Operations Planning Implementation Plan
April 1, 2026	CIP-003-9 - Cyber Security – Security Management Controls

BOARD OF TRUSTEES AND FERC ACTION

NEW FERC/NERC Staff Present Observations from Review of January 2024 Arctic Storms

FERC and NERC staff presented observations arising from a joint review of grid performance during the January 2024 arctic storms at FERC’s open meeting. The joint performance review, which included the six Regional Entities, noted that the nation’s grid and natural gas system largely operated without any major incidents during the event. The presentation slides detail the observations and no additional materials will be developed. [Presentation Slides](#) | [FERC/NERC Joint Announcement](#)

NEW Resources for Second Quarter 2024 Board of Trustees and Board Committee Meetings Now Available

NERC’s second quarter Board of Trustees and Member Representatives Committee meetings are scheduled for May 8–9, 2024 and will be conducted in a hybrid format. All observers will attend virtually. Only Board of Trustees and Member Representatives Committee members will attend in-person at NERC’s Washington, D.C. office. Registration is available below and under [Upcoming Events](#).

Resources and Schedule		
May 8, 2024		May 9, 2024
Corporate Governance and Human Resources Committee Agenda Package 8:15 a.m. Eastern	Regulatory Oversight Committee Agenda Package 11:00 a.m. Eastern	Board of Trustees Agenda Package 9:00 a.m. Eastern
Finance and Audit Committee Agenda Package (to be posted by May 2) 9:00 a.m. Eastern	NERC Quarterly Technical Session Agenda Package 1:00 p.m. Eastern	Other: Schedule of Events Registration
Technology and Security Committee Agenda Package 9:45 a.m. Eastern	Member Representatives Committee Agenda Package 3:30 p.m. Eastern	

UPCOMING EVENTS

For a full accounting of upcoming events, please refer to the [NERC Calendar](#).

Workshops and Conferences

Event	Time	Date	Location	Registration
2024 NERC-NATF-EPRI Extreme Weather Transmission Planning and Modeling Workshop	All day	May 29–30	Dallas, TX	Details Agenda
GridSecCon 2024	All day	October 22–25	Minneapolis, MN	Save the Date

Webinars

Event	Time	Date	Registration
NEW Event Analysis Process – Version 5	2:00–3:30 p.m. Eastern	April 30	Details

Cold Weather Preparedness Small Group Advisory Session: General Session	1:00–3:00 p.m. Eastern	May 6	Details
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Standing Committee Meetings and Conference Calls			
Event	Time	Date	Registration
Personnel Certification Governance Committee Meeting	8:00–9:00 a.m. Pacific	April 30	Details
Compliance and Certification Committee Meeting	Day 1: 1:30–5:00 p.m. Central Day 2: 9:00 a.m.–12:00 p.m. Central	May 1–2	Day 1 Virtual Registration Day 1 In-person Registration Day 2 Virtual Registration Day 2 In-person Registration NEW Agenda Package
Standards Committee Executive Committee Special Call: Project 2022-03 Energy Assurance with Energy-Constrained Resources	3:00–4:00 p.m. Eastern	May 3	Details NEW Agenda
Q2 2024 Board and Board Committee Meetings	Schedule of Events	May 8–9	Washington, D.C. Virtual Details
Standards Committee Conference Call	1:00–3:00 p.m. Eastern	May 15	Details
Joint Reliability and Security Technical Committee/Standards Committee Meeting	See Details	June 11–12	Seattle, WA Virtual Details

Standard Drafting Team Meetings			
Please refer to the Standards calendar for the most up-to-date listing of upcoming meetings.			
Project	Time	Date	Registration
Project 2021-02 – Modifications to VAR-002-4.1	12:30–3:00 p.m. Eastern	April 30	Details
NEW Project 2021-04 Modifications to PRC-002 - Phase II	1:00–3:00 p.m. Eastern	May 6	Details
Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather	1:00–2:00 p.m. Eastern	May 6	Details
Project 2022-05 Modifications to CIP-008 Reporting Threshold	2:00–4:00 p.m. Eastern	May 6	Details
Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather	1:00–3:00 p.m. Eastern	May 7	Details

Joint Meeting: Project 2020-02 – Modifications to PRC-024 (Generator Ride-through) and Project 2023-02 – Analysis and Mitigation of BES IBR Performance Issues	8:30 a.m.–4:30 p.m. Eastern	May 7	Details
Project 2020-02 – Modifications to PRC-024 (Generator Ride-through)	8:30 a.m.–4:30 p.m. Eastern	May 8	Details
Project 2023-02 – Analysis and Mitigation of BES IBR Performance Issues	8:30 a.m.–4:30 p.m. Eastern	May 8	Details
Project 2020-02 – Modifications to PRC-024 (Generator Ride-through)	8:30 a.m.–4:30 p.m. Eastern	May 9	Details
Project 2023-02 – Analysis and Mitigation of BES IBR Performance Issues	8:30 a.m.–4:30 p.m. Eastern	May 9	Details
Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather	12:00–1:00 p.m. Eastern	May 9	Details
Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather	12:00–2:00 p.m. Eastern	May 10	Details
NEW Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather	1:00–3:00 p.m. Eastern	May 15	Details
NEW Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather	12:00–3:00 p.m. Eastern	May 16	Details
NEW Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather	12:00–3:00 p.m. Eastern	May 17	Details
NEW Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather	12:00–3:00 p.m. Eastern	May 20	Details
NEW Project 2019-04 – Modifications to PRC-005-6	See Details	May 20–22	May 20 Details May 21 Details May 22 Details
NEW Project 2022-05 – Modifications to CIP-008 Reporting Threshold	2:00–4:00 p.m. Eastern	May 20	Details
NEW Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather	1:00–3:00 p.m. Eastern	May 21	Details
NEW Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather	1:00–3:00 p.m. Eastern	May 22	Details

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.