

# Standards, Compliance, and Enforcement Bulletin

April 8–14, 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
<a href="#">Project 2020-06 – Verifications of Models and Data for Generators</a>   Draft 2 of IBR Glossary Terms	<a href="#">Additional Ballots</a>	03/29/24	04/08/24
<a href="#">Project 2021-04 – Modifications to PRC-002 – Phase II</a>   Draft 2	<a href="#">Additional Ballots and Non-Binding Poll</a>	04/02/24	04/11/24
<b>NEW</b> <a href="#">Project 2016-02 – Modifications to CIP Standards</a>   Virtualization	<a href="#">Final Ballots</a>	04/03/24	04/12/24
<b>NEW</b> <a href="#">Project 2023-03 – Internal Network Security Monitoring</a>   Draft 2 CIP-015-1	<a href="#">Additional Ballots and Non-Binding Poll</a>	04/12/24	04/17/24
<a href="#">Project 2023-02 – Analysis and Mitigation of BES Inverter-Based Resource Performance Issues</a>   Draft 1	<a href="#">Initial Ballots and Non-Binding Poll</a>	04/09/24	04/18/24

<a href="#">Project 2020-02 – Modifications to PRC-024 (Generator Ride-through)</a>   Draft 1 PRC-024-4 and PRC-029-1	<a href="#">Initial Ballots and Non-Binding Polls</a>	04/12/24	04/22/24
<a href="#">Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather</a>   Draft 1	<a href="#">Initial Ballots and Non-Binding Poll</a>	04/24/24	05/03/24
<b>NEW</b> <a href="#">Project 2021-03 – CIP-002</a>   Draft 2 CIP-002-Y	<a href="#">Additional Ballots and Non-Binding Poll</a>	05/07/24	05/16/24
Join Ballot Pools			
Project	Action	Start Date	End Date
<a href="#">Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather</a>   Draft 1	<a href="#">Join Ballot Pools</a>	03/20/24	04/18/24
Posted for Comment			
Project	Action	Start Date	End Date
<a href="#">Project 2020-06 – Verifications of Models and Data for Generators</a>   Draft 2 of IBR Glossary Terms	<a href="#">Comment Period</a>	02/22/24	04/08/24
<a href="#">Project 2021-04 – Modifications to PRC-002 – Phase II</a>   Draft 2	<a href="#">Comment Period</a>	03/18/24	04/11/24
<b>NEW</b> <a href="#">Project 2023-03 – Internal Network Security Monitoring</a>   Draft 2 CIP-015-1	<a href="#">Comment Period</a>	04/05/24	04/17/24
<a href="#">Project 2023-02 – Analysis and Mitigation of BES Inverter-Based Resource Performance Issues</a>   Draft 1	<a href="#">Comment Period</a>	03/25/24	04/18/24
<a href="#">Project 2020-02 – Modifications to PRC-024 (Generator Ride-through)</a>   Draft 1 PRC-024-4 and PRC-029-1	<a href="#">Comment Period</a>	03/28/24	04/22/24
<a href="#">Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather</a>   Draft 1	<a href="#">Comment Period</a>	03/20/24	05/03/24
<b>NEW</b> <a href="#">Project 2021-03 – CIP-002</a>   Draft 2 CIP-002-Y	<a href="#">Comment Period</a>	04/02/24	05/16/24

Posted for Comment			
Posting	Action	Start Date	End Date
<b>Comment Period Open for Draft SAR:</b> The Inverter-Based Resource Performance Subcommittee (IRPS) has created a draft <a href="#">Standard Authorization</a>	Submit comments via email using the <a href="#">comment form</a> .	03/18/24	04/17/24

<p><a href="#">Request (SAR) for revisions to FAC-001 and FAC-002</a>. The goal of this SAR is to improve FAC-001 and FAC-002 and help ensure that Transmission Operators (TOPs), Reliability Coordinators (RCs), and Balancing Authorities (BAs) can work with the relevant Generator Owner (GO) to address any abnormal performance issues. This includes seeking corrective actions, requesting improvements to the requirements developed by the TO, TP, or PC (Per FAC-001 or FAC-002), and reporting any abnormal performance to NERC for continued risk assessment.</p> <p>The Reliability and Security Technical Committee (RSTC) approved posting this draft for a 30-day industry comment period. A final version of the draft SAR will be submitted to NERC Standards Development, consistent with the <a href="#">Standards Development Process</a>, to begin the process for developing, modifying, withdrawing or retired a Reliability Standard.</p>			
<p><b>Comment Period Open for Draft SAR:</b> The NERC SPIDERWG has identified a SAR based on the approved <a href="#">White Paper: NERC Reliability Standards Review</a>. The SPIDERWG has also provided a development plan for the associated SARs to the RSTC Executive Committee for addition into the <a href="#">SPIDERWG work plan</a>. It is important to accurately represent the aggregate DER levels and allocate their connection points to the BPS. Failure to do so may adversely affect the outcomes of the Transmission Operator’s (TOP) Operational Planning Analysis (OPAs) and Real-Time Assessment (RTAs). The OPAs and RTAs provide the TOP with proper situational awareness of the operational risks to the system. Therefore, the definitions of OPA and RTA in the NERC Glossary of Terms need to be revised to include aggregate DERs as a component of both the OPA and RTA definitions. The assessments of OPAs and RTAs must, at a minimum, include inputs of “load,” “load forecast,” and “generation output levels.” As the penetration of DERs increases, net load quantities, BPS generation output, and their forecast levels are affected since DERs offset net loading. This affects the amount of on-line BPS generation to serve the remaining load and may</p>	<p>Submit comments via email using the <a href="#">comment form</a>.</p>	<p>03/25/24</p>	<p>04/24/24</p>

<p>mask ride-through considerations. Failure to account for the steady-state and dynamic behavior of DERs will likely have an increasingly adverse impact on the quality of OPAs and RTAs in the future. Therefore, this project aims to ensure clarity for current and future BPS operating states.</p> <p>The Reliability and Security Technical Committee (RSTC) approved posting the <a href="#">draft SAR</a> for a 30-day industry comment period. A final version of the draft SAR will be submitted to NERC Standards Development, consistent with the <a href="#">Standards Development Process</a>, to begin the process for developing, modifying, withdrawing or retired a Reliability Standard.</p>			
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## STANDARDS NEWS

### **NEW Webinar Resources Posted**

NERC has posted the [slide presentation](#) and [recording](#) from the March 28 NERC Standards Development FERC Order No. 901 - Milestone 2 Projects Joint Industry Webinar. FERC 901-related information and links to the most recent webinar will be maintained at: [NERC - Reliability Standards Under Development](#).

### 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](#)

## GENERAL COMPLIANCE AND ENFORCEMENT NEWS

### REMINDER Newly Effective Standards for April

The following standards became effective 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-002-4 – Disturbance Monitoring and Reporting Requirements | Implementation Plan](#)
- [PRC-023-6 – Transmission Relay Loadability | Implementation Plan](#)
- [PRC-026-2 – Relay Performance During Stable Power Swings | Implementation Plan](#)
- [TOP-001-6 – Transmission Operations](#)
- [VAR-501-WECC-4 – Power System Stabilizer](#)

### 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 IBR Registration Initiative Q1 2024 Update Posted

As part of its [Inverter-Based Resource Strategy](#), NERC is dedicated to identifying and addressing challenges associated with integration of more inverter-based resources (IBR) onto the bulk power system (BPS) as the penetration of these resources continues to increase. ERO Enterprise assessments identified a reliability gap associated with this significant level of BPS-connected IBR owners and operators that are not yet required to register with NERC or adhere to its Reliability Standards. In response, FERC issued an [order](#) in 2022 directing NERC to identify and register owners and operators of currently unregistered BPS-connected IBRs. Working closely with industry and stakeholders, NERC is executing a FERC-approved work plan to achieve these directives by 2026.

To that end, NERC's [IBR Registration Initiative Q1 2024 Quarterly Update](#) showcases progress made, highlights key activities in Legal, Registration, Standards, and Stakeholder Engagement, and provides available resources. This update was developed as part of NERC's ongoing efforts to ensure to ensure industry and stakeholders are kept informed throughout this critical, three-phase project. More information on this project is available in the [IBR Registration Initiative Quick Reference Guide](#).

### **NEW NERC and National Academy of Engineering Section 6 Hosted Workshop**

The National Academy of Engineering (NAE) Section 6 (Electric Power/Energy Systems) and NERC recently co-hosted a workshop on Evolving Planning Criteria for a Sustainable Power Grid. The workshop focused on continuing the effort from the previous NAE Section 6 and NERC workshop held in November 2022 and subsequent report, [Creating the Sustainable National Electric Infrastructure While Maintaining the Reliability and Resiliency of the Grid](#). The workshop focused on two specific topics:

1. Capacity versus Energy: Changes in the way to plan for resource and energy adequacy.
2. Transfer Capability: Changes in the way to plan for needed transmission.

Speakers from international and domestic organizations presented on how their utilities are addressing grid transformation in these two areas, including various metrics and their vision of the continued evolution of the grid. In addition to NERC and NAE Section 6 staff, participants included executives and key stakeholders from independent system operators and regional transmission organizations, cooperative generation and transmission companies, academia, regulatory bodies, consultants, and vendors. During the workshop, the electric reliability criterion for grid planning and operation was reexamined. The importance of coordinated resource energy and capacity planning and transmission planning was discussed. Consensus was reached around the continuation of the 1 day-in-10-years Loss of Load Expectation metric along with the need for it to be enhanced with additional metrics to create a multi-metric approach. A final report detailing the various topics covered and the associated recommendations arising from the input given at the workshop will be published in June 2024.

### **NEW GridEx VII Report Highlights Further Action to Enhance Grid Resilience**

The [GridEx VII Report Lessons Learned Report](#), published April 2, is a detailed post-exercise review and analysis of NERC and the Electricity Information Sharing and Analysis Center's (E-ISAC) GridEx VII, that took place in November 2023. More than 15,000 participants from approximately 250 North American organizations—including the electric industry, cross-sector partners from gas and telecommunications, and U.S. and Canadian government partners—took part in a two-day exercise, which tested operational and policy measures that would be needed to restore the grid following a severe cyber and physical attack. The report provides recommendations and actions for utilities, government partners, the E-ISAC, and other stakeholders to prepare for and respond to security incidents that affect the North American electric system.

### **NEW Nomination Period Open for Reliability and Security Technical Committee Special Election**

Due to a member resignation on the Reliability and Security Technical Committee (RSTC), we have a Sector 1: Investor-owned utility representative vacancy open for a one-year term expiring January 31, 2025. The RSTC will hold a special election to try and fill this vacancy. If no more than one nomination is received, the nominee will be deemed to have been elected for the open seat. If there is more than one nominee

for this sector, there will be a Sector election process to determine the final representative for this seat. Terms expire as of the approval of the new membership slates at the Board of Trustees annual February meeting. You do not have to be a NERC member in order to nominate a sector nominee. However, if there is an election process, only [NERC Members](#) may elect the RSTC members in each sector. Sector nominees need not be NERC members in the sector for which they are nominated; however, they must be eligible to be a member in that sector. Canadian sector nominations are encouraged. Submit [nominations](#) by **April 22**.

### 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)
<b>April 1, 2024</b> <b>NEWLY EFFECTIVE</b>	<a href="#">FAC-003-5 – Transmission Vegetation Management</a> <a href="#">FAC-011-4 – System Operating Limits Methodology for the Operations Horizon</a> <a href="#">FAC-014-3 – Establish and Communicate System Operating Limits</a> <a href="#">IRO-008-3 – Reliability Coordinator Operational Analyses and Real-time Assessments</a> <a href="#">PRC-002-4 – Disturbance Monitoring and Reporting Requirements   Implementation Plan</a> <a href="#">PRC-023-6 – Transmission Relay Loadability   Implementation Plan</a> <a href="#">PRC-026-2 – Relay Performance During Stable Power Swings   Implementation Plan</a> <a href="#">TOP-001-6 – Transmission Operations</a> <a href="#">VAR-501-WECC-4 – Power System Stabilizer</a>
<b>October 1, 2024</b>	<a href="#">EOP-012-1 – Extreme Cold Weather Preparedness and Operations</a> <b>Note:</b> 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.
<b>July 1, 2025</b>	<a href="#">IRO-010-5 – Reliability Coordinator Data and information Specification and Collection   Implementation Plan</a> <a href="#">TOP-003-6.1 – Transmission Operator and Balancing Authority Data and Information Specification and Collection   Implementation Plan</a>
<b>October 1, 2025</b>	<a href="#">TOP-002-5 – Operations Planning   Implementation Plan</a>
<b>April 1, 2026</b>	<a href="#">CIP-003-9 - Cyber Security — Security Management Controls</a>

**BOARD OF TRUSTEES AND FERC ACTION**

**NEW NERC Filings**

On March 1, 2024, NERC provided a [response to the Department of Energy’s request for information](#), discussing potential benefits of artificial intelligence in supporting the reliability of the bulk power system. [NERC Filings to Other Agencies](#)

On April 4, 2024, NERC submitted to FERC its [answer](#) to the Protest of the ISO/RTO Council regarding NERC’s February 16, 2024 petition for approval of proposed Reliability Standard EOP-012-2. [All filings to FERC for 2024](#)

**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	<a href="#">Details</a>
GridSecCon 2024	All day	October 22–25	Minneapolis, MN	Save the Date

**Webinars**

Event	Time	Date	Registration
<b>NEW</b> Project 2023-03 – Internal Network Security Monitoring	1:30–3:00 p.m. Eastern	April 10	<a href="#">Details</a>
Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather	1:00–2:30 p.m. Eastern	April 12	<a href="#">Details</a>
<b>NEW</b> Project 2020-02 – Modifications to PRC-024 (Generator Ride-through)	11:30 a.m.–1:00 p.m. Eastern	April 15	<a href="#">Details</a>
Project 2021-03 – CIP-002	12:00–2:00 p.m. Eastern	April 26	<a href="#">Details</a>

**Standing Committee Meetings and Conference Calls**

Event	Time	Date	Registration
<b>NEW</b> Reliability Issues Steering Committee	4:00–5:00 p.m. Eastern	April 17	<a href="#">Details</a>
Member Representatives Committee Informational Session	2:00–3:30 p.m. Eastern	April 22	<a href="#">Details</a>



<b>NEW</b> Personnel Certification Governance Committee Meeting	8:00–9:00 a.m. Pacific	April 30	<a href="#">Details</a>
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	<a href="#">Day 1 Virtual Registration</a> <a href="#">Day 1 In-person Registration</a> <a href="#">Day 2 Virtual Registration</a> <a href="#">Day 2 In-person Registration</a>
Q2 2024 Board and Board Committee Meetings	<a href="#">Schedule of Events</a>	May 8–9	Washington, D.C.   Virtual <a href="#">Details</a>
Joint Reliability and Security Technical Committee/Standards Committee Meeting	See Details	June 11–12	Seattle, WA   Virtual <a href="#">Details</a>

### 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 2022-03 – Energy Assurance with Energy-Constrained Resources	See Details	April 9–11	<a href="#">Day 1 Details</a> <a href="#">Day 2 Details</a> <a href="#">Day 3 Details</a>
<b>NEW</b> Project 2023-06 – Modifications to CIP-014	10:00 a.m.–12:00 p.m.	April 9	<a href="#">Details</a>
Project 2021-04 – Modifications to PRC-002 - Phase II	See Details	April 11–12	<a href="#">Details</a>
Project 2022-05 – Modifications to CIP-008 Reporting Threshold	2:00–4:00 p.m. Eastern	April 11	<a href="#">Details</a>
<b>NEW</b> Project 2023-06 – Modifications to CIP-014	10:00 a.m.–12:00 p.m.	April 12	<a href="#">Details</a>
Project 2021-02 – Modifications to VAR-002-4.1	11:00 a.m.–2:00 p.m. Eastern	April 12	<a href="#">Details</a>
<b>NEW</b> Project 2021-04 – Modifications to PRC-002 - Phase II	See Details	April 16–17	<a href="#">Details</a>
<b>NEW</b> Project 2023-03 – Internal Network Security Monitoring	11:00 a.m.–4:00 p.m. Eastern	April 19	<a href="#">Details</a>
<b>NEW</b> Project 2023-03 – Internal Network Security Monitoring	11:00 a.m.–4:00 p.m. Eastern	April 22	<a href="#">Details</a>
Project 2023-06 – Modifications to CIP-014	See Details	April 24–25	<a href="#">Details</a>

ERO Enterprise Events				
Region	Event	Time	Date	Registration
Texas RE	2024 Spring Standards, Security, and Reliability Workshop	9:00 a.m.–3:30 p.m. Central	April 24	<a href="#">Details</a>

**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](#) 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.