

Standards, Compliance, and Enforcement Bulletin

October 23–29, 2023

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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 2022-01 – Reporting ACE Definition and Associated Terms	Initial and Additional Ballots	10/20/23	10/30/23
Project 2020-04 – Modifications to CIP-012 Draft 4	Additional Ballots and Non-binding Poll	10/24/23	11/02/23
Project 2021-02 – Modifications to VAR-002-4.1 Draft 3	Additional Ballots and Non-binding Poll	10/27/23	11/06/23
Project 2021-03 – CIP-002 Draft 1	Initial Ballots and Non-binding Poll	10/31/23	11/09/23
Project 2022-02 – Modifications to TPL-001 and MOD-032 Draft 2	Additional Ballots and Non-binding Poll	11/10/23	11/20/23
DEADLINE EXTENDED Project 2016-02 – Modifications to CIP Standards Virtualization - Draft 5	Additional Ballots and Non-binding Polls	11/07/23	11/29/23

Join Ballot Pools

Project	Action	Start Date	End Date
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Posted for Comment			
Project	Action	Start Date	End Date
Project 2021-03 – CIP-002 Draft 1	Join Ballot Pools	09/26/23	10/25/23
Project 2020-06 – Verifications of Models and Data for Generators Inverter-based, resource-related Glossary Terms	Comment Period	09/18/23	10/24/23
Project 2022-01 – Reporting ACE Definition and Associated Terms	Comment Period	09/14/23	10/30/23
Project 2020-04 – Modifications to CIP-012 Draft 4	Comment Period	09/19/23	11/02/23
Project 2021-02 – Modifications to VAR-002-4.1 Draft 3	Comment Period	09/22/23	11/06/23
Project 2023-08 – Modifications of MOD-031 Demand and Energy Data SAR	Comment Period	10/10/23	11/08/23
Project 2021-03 – CIP-002 Draft 1	Comment Period	09/26/23	11/09/23
Project 2022-02 – Modifications to TPL-001 and MOD-032 Draft 2	Comment Period	10/06/23	11/20/23
DEADLINE EXTENDED Project 2016-02 – Modifications to CIP Standards Virtualization - Draft 5	Comment Period	10/03/23	11/29/23

Posted for Comment			
Posting	Action	Start Date	End Date
Comment Period Open for Proposed Revisions to the NERC Rules of Procedure: NERC is proposing a series of revisions to Appendix 5B (Compliance Registry Criteria) of the NERC Rules of Procedure (ROP) as well as conforming revisions to Appendices 2 (Definitions) and 5A (Organization Registration and Certification Manual). The proposed revisions were developed in response to a FERC directive to register owners and operators of inverter-based resources (IBR) that are connected to and have a material impact in the aggregate to the bulk power system (BPS), but are not currently required to register with NERC under the Bulk Electric System (BES) definition. This posting also includes revisions to the Reserve Sharing Group definition to conform with those being developed in Reliability Standard Project 2022-01 Reporting ACE Definition and Associated Terms (Project 2022-01).	Please submit comments to ROPcomments@nerc.net .	09/13/23	10/30/23

<p>NERC requests comments on the proposed revisions to the NERC ROP. Redlined versions of ROP appendices showing the proposed revisions are available here, and detailed summary of the proposed revisions is also available. NERC intends to submit these changes to the NERC Board of Trustees for its consideration in December of 2023.</p>			
<p>Comment Period Open for Draft Reliability Guideline: The purpose of the Draft Reliability Guideline: Fuel Assurance and Fuel-Related Reliability Risk Analysis for the Bulk Power System is to ensure registered entities have relevant information to (i) plan for the procurement of sufficient fuel to serve load and have modeled contingencies for both short-term operational horizons to long-term planning timeframes, (ii) fully understand fuel supply chain risks, and (iii) offer additional conditions and constraints, especially during extreme events, to consider when performing studies. This reliability guideline may inform potential scenario analyses, e.g., loss of fuel, compressor outages, etc., but it is not intended to provide the environmental conditions contemplated under those studies. The Reliability and Security Technical Committee (RSTC) approved posting for a 45-day industry comment period.</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. Draft Reliability Guideline: Fuel Assurance and Fuel-Related Reliability Risk Analysis for the Bulk Power System – Redline</p>	<p>Please submit comments via email using the comment form.</p>	<p>09/21/23</p>	<p>11/06/23</p>
<p>Comment Periods Open for Supply Chain Working Group Security Guidelines: The Supply Chain Working Group (SCWG), a sub-group of the RSTC, is responsible for addressing supply chain security concerns that affect</p>	<p>Please submit comments via email using the comment forms below. Note that there are</p>	<p>09/21/23</p>	<p>Product Security Sourcing</p>

<p>the bulk power system (BPS). The SCWG recently prepared three security guidelines that are now posted for industry review.</p> <p>Security Guideline: <i>Product Security Sourcing Guide</i> The security guideline and companion <i>Product Security Sourcing Reference Guide</i> were approved by the RSTC at its September 20, 2023 meeting to be posted for industry review and comment. The documents provide industry with guidance for identifying key security and risk considerations to support procurement of grid technologies and products. The cybersecurity controls documented in this guide and the accompanying reference guide can be leveraged by asset owners to coordinate purchase activities between cybersecurity professionals and their procurement organizations, while working in step with NERC to confirm these steps have been successfully executed. The controls also provide consistent guidance to the supplier community. Product Security Sourcing Guide Product Security Reference Guide</p> <p>Security Guideline: <i>Vendor Incident Response</i> The guideline was originally approved by the RSTC in 2019 and has been updated with changes to content and metrics that can be used to assess the effectiveness and the extent to which the guideline has been implemented. Vendor Incident Response (clean) Vendor Incident Response (redline)</p> <p>Security Guideline: <i>Procurement Language</i> The guideline was approved by the RSTC in 2020 and has been updated with changes to content and metrics that can be used to assess the guideline’s effectiveness and the extent to which it has been implemented. Procurement Language (clean) Procurement Language (redline)</p>	<p>separate comment forms for each guideline.</p> <p>Product Security Sourcing Guideline Comment Form</p> <p>Vendor Incident Response Guideline Comment Form</p> <p>Procurement Language Guideline Comment Form</p>		<p>Guideline: 11/06/23</p> <p>Vendor Incident Response Guideline: 12/05/23</p> <p>Procurement Language Guideline: 11/20/23</p>
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STANDARDS NEWS

There is no additional Standards news to report for this week.

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 Align Planned Maintenance

The ERO Enterprise has scheduled the Align system to be down for planned maintenance starting October 28, 2023, at 10:00 p.m. Eastern (7:00 p.m. Pacific) through October 29, 2023, at 10:00 a.m. Eastern (7:00 a.m. Pacific). This planned outage only affects Align. Information regarding this outage will also be displayed on the My Align News & Update section of Align, and the [Align and SEL web page](#).

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 12th Annual GridSecCon Highlights Cross-Border Security Collaboration, Names Assante Award Recipients

Cyber, physical and supply chain security were the areas of focus for the 12th annual grid security conference, GridSecCon, hosted by NERC, the Electricity Information Sharing and Analysis Center (E-ISAC) and the Northeast Power Coordinating Council. During the conference, three individuals shared the 2023 E-ISAC Electricity Security Service Award in honor of Michael J. Assante:

- **Jonathan Bransky**, director of Threat Intelligence, Dominion Energy
- **Steen Fjalstad**, director of Security, Midwest Reliability Organization
- **Steve McElwee**, Chief Information Security Officer, PJM Interconnection

More than 450 security experts representing a cross-section of industry and government partners from across North America attended the three-day conference, in Québec City, the first in person since 2019, which featured expert keynotes, breakouts and training sessions. [Full Announcement](#)

E-ISAC Vendor Affiliate Program Marks One Year of Strengthening Our Grid's Defense

One year ago, the E-ISAC launched its Vendor Affiliate Program to address the ongoing cyber attacks and supply chain compromises on the North American grid. Since its inception, the program has welcomed a dozen partners committed to improving the security posture of our nation's most critical infrastructure.

“This E-ISAC initiative has facilitated vendor collaboration with electricity industry stakeholders in a trusted environment,” said Manny Cancel, NERC senior vice president and chief executive officer of the E-ISAC. “As the threat landscape continues to evolve, the E-ISAC recognizes the importance of collaboration between the electricity industry and its vendors to strengthen our collective defense.”

The [Vendor Affiliate Program](#) is focused on increasing information sharing and providing opportunities for collaboration between the electricity industry and the vendor community. Participating vendors participate in the E-ISAC by sharing information on critical vulnerabilities and supply chain impacts as well as contributing thought leadership on security-related threats, technology, and solutions. [Full Announcement](#)

NEW RSTC News Bulletin Published

The October edition of the RSTC News Bulletin is now [available](#). Highlights in this edition include:

- RSTC Leadership Spotlight – Rich Hydzik, RSTC Chair and John Stephens, RSTC Vice Chair

- Approved | Endorsed | Accepted – Agenda Items
- RSTC Activities
- Subcommittees | Working Groups | Task Forces | Quarterly Activities
- Risk Prioritization
- Reliability Guidelines
- Upcoming Events

NEW White Paper Posted

NERC has posted the Inverter-Based Resource Performance Subcommittee (IRPS) [White Paper: Grid Forming Functional Specifications for BPS-Connected Battery Energy Storage Systems](#), which was approved by the RSTC on September 20, 2023.

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, 2024	CIP-004-7 – Cyber Security – Personnel & Training
	CIP-011-3 – Cyber Security - Information Protection
	FAC-001-4 – Facility Interconnection Requirements Implementation Plan
	FAC-002-4 – Facility Interconnection Studies Implementation Plan
	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-002-4 – Disturbance Monitoring and Reporting Requirements
	PRC-023-5 – Transmission Relay Loadability Implementation Plan
	PRC-026-2 – Relay Performance During Stable Power Swings Implementation Plan
TOP-001-6 – Transmission Operations	
October 1, 2024	EOP-012-1 – Extreme Cold Weather Preparedness and Operations (Requirements 1–2 effective 4/1/28; Requirement 4 effective 10/1/29)
April 1, 2026	CIP-003-9 - Cyber Security — Security Management Controls

BOARD OF TRUSTEES AND FERC ACTION

NEW Statement on FERC Open Meeting

At FERC’s monthly open meeting, Chairman Willie Phillips reiterated the importance of establishing a natural gas reliability authority and expressed his support for North American Energy Standards Board’s recent [Gas-Electric Harmonization Forum Report](#) and its recommendations. Phillips also acknowledged a recent letter from the market monitors in support of the NAESB report.

“As both FERC and NERC have been saying the past several years, it is clear that better coordination, planning and operations is needed between the electric and natural gas industries,” said Jim Robb, NERC president and chief executive, concurring with Phillips’ remarks. “We remain committed to working with FERC, and gas and electric industry leadership to help move from admiring the problem to doing something about it. This issue will only continue to worsen if action isn’t taken.”

During the meeting, FERC issued a [final rule](#) (Docket No. RM22-12-000) directing the development of Reliability Standards addressing certain reliability topics involving inverter-based resources, according to a work plan NERC must submit within 90 days of the order. FERC also [approved](#) (Docket No. RR23-3-000), the 2024 Business Plan and Budgets of NERC, the six Regional Entities and the Western Interconnection Regional Advisory Body, saying the budget was “reasonable and that the associated costs of NERC’s jurisdictional functions are allocated equitably among end users in the United States.”

NERC appreciates FERC’s focus on reliability matters and will continue to work toward assuring the reliability and security of the North American bulk power system. [FERC Statement](#) | [Letter from Independent Market Monitors](#)

NEW NERC Filings

On October 16, 2023, NERC submitted to FERC its [2023 Frequency Response Annual Analysis report](#) for the administration and support of Reliability Standard BAL-003-2 – Frequency Response and Frequency Bias Setting.

You can find all of NERC’s filings to FERC for 2023 [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

- Protection System Misoperation Workshop – October 25–26, 2023, Atlanta | [Register](#) | [Draft Agenda](#)
- 2023 NERC-NATF-EPRI Annual Transmission Planning and Modeling Workshop – November 1–2, 2023 | [Register](#)

Webinars

- **NEW** Project 2021-02 – Modifications to VAR-002-4.1 Industry Webinar – 2:00–3:30 p.m. Eastern, October 24, 2023 | [Join Webex](#)
- **NEW** Project 2022-02 – Modifications to TPL-001 and MOD-032 Industry Webinar – 11:00 a.m.–12:30 p.m. Eastern, October 30, 2023 | [Join Webex](#)
- Project 2021-03 – CIP-002 Industry Webinar – 12:00–3:00 p.m. Eastern, October 30, 2023 | [Join Webex](#)
- **NEW** Human Performance versus Organizational Performance Webinar – 2:00–3:00 p.m. Eastern, November 9, 2023 | [Register](#)

Standing Committee Meetings and Conference Calls

- **NEW** Board of Trustees Meeting – 10:30–11:00 a.m. Eastern, October 23, 2023 | [Agenda Package](#)
- Member Representatives Committee Virtual Meeting – 1:00–3:00 p.m. Eastern, October 25, 2023 | [Register](#) | [Agenda](#)
- **NEW** Personnel Certification Governance Committee Meeting – 8:00–9:00 a.m. Eastern, October 31, 2023 | [Agenda](#) | [Join WebEx](#)

Standard Drafting Team Meetings

Below are the upcoming SDT meetings for the next four weeks. For a full listing of upcoming meetings, please refer to the [Standards calendar](#).

- **NEW** Project 2020-02 – Modifications to PRC-024 (Generator Ride-through) Drafting Team Meeting – 11:00 a.m.–1:00 p.m. Eastern, October 23, 2023 | [Register](#)
- Project 2021-04 – Modifications to PRC-002 - Phase II Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, October 23, 2023 | [Register](#)
- Project 2022-05 – Modifications to CIP-008 Reporting Threshold Standard Drafting Team Meeting – 2:00–4:00 p.m. Eastern, October 23, 2023 | [Register](#)
- Project 2023-01 – EOP-004 IBR Event Reporting Standard Drafting Team Meeting – 2:00–4:00 p.m. Eastern, October 23, 2023 | [Register](#)
- Project 2022-04 – EMT Modeling Standard Drafting Team Meeting – 3:00–5:00 p.m. Eastern, October 23, 2023 | [Register](#)

- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, October 24, 2023 | [Register](#)
- Project 2019-04 – Modifications to PRC-005-6 Standard Drafting Team Meeting – 1:30–3:30 p.m. Eastern, October 25, 2023 | [Register](#)
- Project 2022-03 – Energy Assurance with Energy-Constrained Resources Standard Drafting Team Meeting – October 25–26, 2023, Washington, D.C. | [Register](#)
- Project 2022-03 – Energy Assurance with Energy-Constrained Resources Standard Drafting Team Meetings – 12:00–4:00 p.m. Eastern, October 26, 2023 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, October 26, 2023 | [Register](#)
- **NEW** Project 2023-07 – Transmission Planning Performance Requirements for Extreme Weather Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, October 27, 2023 | [Register](#)
- **NEW** Project 2020-06 – Verifications of Models and Data for Generators Standard Drafting Team Meeting – 1:00–4:00 p.m. Eastern, October 27, 2023 | [Register](#)
- **NEW** Project 2020-02 – Modifications to PRC-024 (Generator Ride-through) Drafting Team Meeting – 11:00 a.m.–1:00 p.m. Eastern, October 30, 2023 | [Register](#)
- Project 2021-04 – Modifications to PRC-002 - Phase II Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, October 31, 2023 | [Register](#)
- **NEW** Project 2022-03 – Energy Assurance with Energy-Constrained Resources Standard Drafting Team Meeting – 12:00–4:00 p.m. Eastern, November 1, 2023 | [Register](#)
- Project 2021-08 – Modifications to FAC-008 Standard Drafting Team Meeting – November 6–7, 2023, Westminster, Colorado | [Register](#)

ERO Enterprise Events

- **Texas RE** 2023 Fall Standards, Security, and Reliability Workshop – 9:00 a.m.–3:30 p.m. Central, October 25, 2023 | [Register](#)
- **Midwest Reliability Organization** Cold Weather Preparedness Workshop – 8:30 a.m.–12:00 p.m. Central, October 26, 2023 | [Register](#)
- **NPCC** Fall 2023 Compliance and Reliability Hybrid Conference – November 8–9, 2023 | [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.