

Standards, Compliance, and Enforcement Bulletin

November 14–20, 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 2021-01 – Modifications to MOD-025 and PRC-019 Draft 1	Initial Ballots and Non-binding Polls	11/04/22	11/14/22
Project 2020-04 – Modifications to CIP-012 Draft 3	Additional Ballot and Non-binding Polls	11/07/22	11/16/22
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 2021-05 – Modifications to PRC-023	Join Ballot Pools	10/10/22	11/15/22
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 2021-01 – Modifications to MOD-025 and PRC-019 Draft 1	Comment Period	09/29/22	11/14/22
Project 2020-04 – Modifications to CIP-012 Draft 3	Comment Period	10/03/22	11/16/22
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
OTHER ACTIVE COMMENT PERIODS			
Posted for Comment			
Posting	Action	Start Date	End Date
Comment Period Open for Reliability Guideline: Bulk Power System Reliability Perspectives on the Adoption of IEEE 1547-2018: This reliability guideline provides high-level guidance and bulk power system (BPS) reliability perspectives that should be considered during the adoption and implementation of IEEE 1547-2018. Specifically, this guideline focuses on issues that pertain to distributed energy resources (DERs) that have been identified by NERC SPIDERWG as potentially having an impact on the BPS. The guidance provided herein is intended to support state regulators’ adoption and implementation of IEEE 1547-2018 as regulators are the entity most likely to fill the role of the AGIR in many cases. The materials presented will also likely aid authority governing interconnection requirements (AGIRs) in coordinating with Distribution Providers (DPs), Balancing Authorities (BAs), Reliability Coordinators (RCs), and other entities navigating adoption of IEEE 1547-2018 and its requirements. Each of the capability requirements and functional settings require coordination with the RC for their area. This reliability guideline will address key clauses in IEEE 1547-2018 in detail	Please submit comments via email using the comment form .	10/04/22	11/18/22

to ensure that BPS reliability perspectives and recommended considerations are made clear. These include, but are not limited, the following: voltage and frequency mandatory trip settings, ride-through capability, DER enter service and return to service operation, DER controls configuration, and interoperability and local DER communication interface considerations. The draft reliability Guideline is posted for a 45-day industry comment period. [Draft Reliability Guideline – Clean Version](#) | [Draft Reliability Guideline – Redline Version](#)

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STANDARDS NEWS

NEW Project 2020-03 Final Ballot Results

The final ballot for CIP-003-9 - Cyber Security — Security Management Controls concluded **November 4, 2022**. Project 2016-02 (Virtualization) and Project 2020-03 (Supply Chain) have both made modifications to CIP-003. In previous postings, the Supply Chain team is used “-X” in place of the version number, and Virtualization used “-Y.” In preparation for the filing with the NERC Board of Trustees, Supply Chain has updated the version number to CIP-003-9. See the voting statistics listed below. The [Ballot Results](#) page provides the detailed results.

Quorum / Approval
86.25% / 68.95%

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](#)

The standard will be submitted to the Board of Trustees for adoption and then filed with the appropriate regulatory authorities.

GENERAL COMPLIANCE AND ENFORCEMENT NEWS

NEW Practice Guide Posted

The ERO Enterprise has posted the [Modeling and Studies Involving DER Practice Guide](#). The purpose of this Practice Guide is to provide areas of focus that CMEP Staff may consider in acquiring an understanding of how registered entities have accounted for mitigating the aggregate impacts of distributed energy resources (DERs) in relation to certain Reliability Standards and categories of risk.

CMEP Practice Guides are developed solely by the ERO Enterprise to reflect the independent, objective professional judgment of ERO Enterprise CMEP staff and, at times, may be initiated following policy discussions with industry stakeholders. Approved Practice Guides are posted for transparency on the NERC website. Certain aspects of this Practice Guide may assist CMEP staff directly in determining compliance; while other aspects may assist CMEP staff in understanding the processes and controls, the entity has in place to reduce risks to the BPS.

NEW ERO Enterprise Unveils Entity Onboarding Checklist

The ERO Enterprise is pleased to announce a new resource for registered entities. The [ERO Enterprise Entity Onboarding Checklist](#) provides new Primary Compliance Contacts (PCCs), Primary Compliance Officers (PCOs), and Alternate Compliance Contacts (ACCs) with an easy guide for signing up for essential, ERO Enterprise reliability-focused applications and communications.

This resource is another tool the ERO Enterprise has developed to provide clarity on registration processes and improve efficiency for registered entities. To learn more about initial steps for new entities and new entity contacts, please review the [ERO Enterprise 101 Informational Package](#) and the [ERO Enterprise Registration Procedure](#).

The ERO Enterprise, which is comprised of NERC and the six Regional Entities, remains dedicated to supporting industry while sharing the collective mission of assuring the reliability, resilience and security of the North American bulk power system.

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 Nomination Period Open for New Reliability Issues Steering Committee Members

As the terms expire for a number of Reliability Issues Steering Committee (RISC) members on January 31, 2023, volunteers are being sought from the Member Representatives Committee (MRC) and industry to serve on the RISC for two-year terms ending January 31, 2025.

The RISC is an advisory committee that reports directly to the NERC Board of Trustees and triages and provides front-end, high-level leadership and accountability for issues of strategic importance to bulk power system (BPS) reliability and security. The RISC assists the Board, NERC technical committees, NERC staff, regulators, Regional Entities, and industry stakeholders in establishing a common understanding of the scope, priority, and goals for the development of solutions to these issues. In doing so, the RISC provides a framework for developing recommendations to help NERC and the industry effectively focus their resources on the critical issues needed to improve the reliability and security of the BPS. [The 2021 ERO Reliability Risk Priorities Report](#) was approved by the Board on August 12, 2021 and is posted on the RISC web page.

As described in the [RISC charter](#), nominees for RISC should meet the following general qualifications:

- Executive-level position within the electric utility industry;
- High-level understanding and strategic perspectives on reliability risks; and
- Commitment to regular participation on the RISC in a collaborative and consensus-building manner.

When determining a final slate of recommended members, the RISC Nominating Committee will evaluate nominees based on experience and qualifications, as well as diversity within the context of the entire membership of the RISC based on the following considerations:

- Geographic and international diversity, such that Eastern, Western, and Texas Interconnections, along with Canada are represented on the RISC;
- Sector, size, and asset (transmission, distribution, load, generation, etc.) diversity; and
- Diversity in professional background and experience.

If you are interested in nominating either yourself or another person, please complete the [RISC Nomination Form](#). Nominations are due on or before **December 9, 2022**.

NEW 2022 NERC-NATF-EPRI Annual Transmission Planning and Modeling Workshop Materials Posted

NERC, North American Transmission Forum (NATF), and Electric Power Research Institute (EPRI) held a joint workshop focusing on topics related to power system planning, modeling, and system analysis on November 2–3, 2022. The [presentations](#) and the recordings from [Day 1](#) and [Day 2](#) have been posted on the Inverter-Based Resource Performance Subcommittee (IRPS) [web page](#).

Key focus areas included:

- A discussion with industry experts on the future of dynamic simulations in a dual platform world
- Industry experiences with inverter-based resource planning and modeling including evaluating ride-through performance, EMT analysis, and interconnection challenges
- Leveraging cloud computing to run grid planning software
- Latest EPRI research on extreme events and impact of extreme planning
- Overview of how NERC standards and guidelines are filling reliability gaps

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
April 1, 2024	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)
	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 Filings

On November 10, 2022, NERC filed the [3rd Quarter 2022 Standards Update](#) with the Nova Scotia Utility and Review Board. You can find the NERC Canadian Filings (Nova Scotia) on our website [here](#).

On November 7, 2022, NERC and the Regional Entities submitted [joint comments](#) on the Notice of Proposed Rulemaking (NOPR) regarding Incentives for Advanced Cybersecurity Investment in [Docket No. RM22-19-000](#). You can find all filings to FERC for 2022 on our website [here](#).

NEW FERC Open Meeting Agenda

FERC released the [Sunshine Act agenda notice](#) for its upcoming [November 17, 2022 open meeting](#). There are three items of interest for NERC related to its responsibilities under Section 215 of the FPA:

- E-1 – RD22-4-000 – Registration of Inverter-based Resources
- E-2 – RM22-12-000 – Reliability Standards to Address Inverter-Based Resources
- E-3 – RD22-5-000 – NERC; NERC submitted proposed Reliability Standards FAC-001-4 and FAC-002-4 (Facility Interconnection Requirements and Studies) for approval in this docket on June 14, 2022.

UPDATED Resources for the Quarterly Board and MRC Meetings

Resources for the Quarterly Board and MRC Meetings	
November 15, 2022 – NEW ORLEANS	November 16, 2022 – NEW ORLEANS
Member Representatives Committee Agenda Package 1:00 p.m. Central	Board of Trustees Agenda Package 9:30 a.m. Central
Other: Policy Input Schedule of Events Meetings Registration ***The webcast link for each respective meeting day is noted on the posted agendas***	

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

- **NEW** Project 2021-05 – Modifications to PRC-023 Webinar – 1:00–2:30 p.m. Eastern, November 17, 2022 | [Register](#)

Standing Committee Meetings and Conference Calls

- Quarterly Board of Trustees and Member Representatives Committee Meetings – November 15–16, 2022 | [Meetings Registration](#) | [Schedule of Events](#) | [Agenda Package](#)
- Standards Committee Special Call – 1:00–2:00 p.m. Eastern, November 30, 2022 | [Register](#)
- **NEW** 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 15, 2022 | [Register](#)
- Project 2021-08 – Modifications to FAC-008 Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, November 15, 2022 | [Register](#)
- Project 2019-04 – Modifications to PRC-005-6 Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, November 16, 2022 | [Register](#)
- **NEW** Project 2021-04 – Modifications to PRC-002 Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, November 16, 2022 | [Register](#)
- Project 2017-01 – Modifications to BAL-003 Phase II Drafting Team Meeting – 10:00 a.m.–1:00 p.m. Eastern, November 17, 2022 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–2:30 p.m. Eastern, November 17, 2022 | [Register](#)

- **NEW** 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](#)
- **NEW** Project 2021-08 – Modifications to FAC-008 Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, November 29, 2022 | [Register](#)
- **NEW** 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](#)

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.