Standards, Compliance, and Enforcement Bulletin

June 12–19, 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
NEW Standard Processes Manual Revisions to Address SPSEG Recommendations	Final Ballot	06/06/23	06/15/23
Project 2021-06 – Modifications to IRO-010 and TOP-003 | Draft 2	Additional Ballots and Non-Binding Polls	06/09/23	06/20/23
Project 2021-02 – Modifications to VAR-002-4.1 | Draft 2	Additional Ballots and Non-Binding Poll	06/14/23	06/23/23
Project 2019-04 – Modifications to PRC-005-6 | Draft 1	Initial Ballots and Non-Binding Poll	06/30/23	07/10/23
Project 2022-02 – Modifications to TPL-001 and MOD-032 | Draft 1 - MOD-032-2	Initial Ballots and Non-Binding Poll	07/05/23	07/14/23

RELIABILITY | RESILIENCE | SECURITY

Project	Action	Start Date	End Date
Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination - Phase 2	Draft 1 - EOP-012-2	Initial Ballots and Non-Binding Poll	07/11/23	07/20/23
NEW Project 2020-06 – Verifications of Models and Data for Generators	Draft 3	Additional Ballots and Non-Binding Polls	07/12/23	07/21/23
Join Ballot Pools			
Project	**Action**	**Start Date**	**End Date**
Project 2019-04 – Modifications to PRC-005-6	Draft 1	Join Ballot Pools	05/25/23	06/23/23
Project 2022-02 – Modifications to TPL-001 and MOD-032	Draft 1 - MOD-032-2	Join Ballot Pools	05/31/23	06/29/23
Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination - Phase 2	Draft 1 - EOP-012-2	Join Ballot Pools	06/05/23	07/05/23
Posted for Comment			
Project	**Action**	**Start Date**	**End Date**
Project 2021-06 – Modifications to IRO-010 and TOP-003	Draft 2	Comment Period	05/05/23	06/20/23
Project 2021-02 – Modifications to VAR-002-4.1	Draft 2	Comment Period	05/10/23	06/23/23
Project 2019-04 – Modifications to PRC-005-6	Draft 1	Comment Period	05/25/23	07/10/23
Project 2022-02 – Modifications to TPL-001 and MOD-032	Draft 1 - MOD-032-2	Comment Period	05/31/23	07/14/23
Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination - Phase 2	Draft 1 - EOP-012-2	Comment Period	06/05/23	07/20/23
NEW Project 2020-06 – Verifications of Models and Data for Generators	Draft 3	Comment Period	06/07/23	07/21/23

Posted for Comment			
Posting	**Action**	**Start Date**	**End Date**
Comment Period Open for NERC's 2024 Business Plan and Budget: The draft NERC 2024 Business Plan and Budget (BP&B) and the current draft of each Regional Entity and the Western Interconnection Regional Advisory Body (WIRAB) 2024 BP&B are now available on NERC's website. Each BP&B is accompanied by an overview summary. Additionally, an overview summary of the ERO Enterprise combined 2024 budgets and assessments is included. • [Draft NERC 2024 BP&B and Overview](#) • [Regional Entity and WIRAB 2024 BP&Bs and Overviews](#) • [ERO Enterprise Combined 2024 Budgets and Assessments Overview](#)	Please submit all comments to [Erika Chanzes](#).	05/25/23	06/23/23
NEW Comment Period Open for National Online Informative References Program – Framework for Improving Critical Infrastructure Security: The National Online Informative References (OLIR) Program is a National Institute of Standards and Technology (NIST) effort that enables subject matter experts (SMEs) to identify and compare the security controls and standards from their own organization with those that have been developed by other organizations, or to facilitate communication with owners and users of other documents. Document owners also have the flexibility to update their documents and then update their OLIRs according to the unique requirements and schedules of their organization. NIST and NERC's Security Working Group (SWG) collaborated to map the elements between NIST's Cybersecurity Framework Core (CSF) v1.1 and the Critical Infrastructure Protection (CIP) Cyber Security Reliability Standards. The SWG provided expertise to map the relevant CIP Reliability Standards to the NIST	Submit comments or questions to [NIST](#).	05/30/23	07/14/23

document. This mapping provides a better understanding of measures that enhance the security of the national grid.

The OLIR mapping was recently published and is available for public review and comment; that material and related information is available at the following links:

[National Institute of Standards and Technology (NIST) announcement](#)
[NIST CSF to NERC CIP Mapping Presentation](#)
[Informative Reference Resource](#)

STANDARDS NEWS

NEW 2023 Registered Ballot Body Self-Select Attestation Process
[Appendix 3D Registered Ballot Body (RBB) Criteria](#) of the NERC Rules of Procedure states:

> "Each participant, when initially registering to join the Registered Ballot Body, <u>and annually thereafter</u>, shall self-select to belong to one of the Segments…" (emphasis added)

Therefore, NERC Standards staff has initiated the 2023 Annual RBB Self-Select Process. Each RBB voting member should log into [Standards Balloting and Commenting System (SBS)](#) and ensure the role listed is "Voter." Then click this [link](#) to access the attestation page and complete the steps to confirm there have been no material changes in the last 12 months that affect the entity's current Segment selection(s), thus the entity continues to meet the Segment qualifications (as outlined in the qualifications in Appendix 3D: *RBB Criteria* referenced above). Proxy Voters are not required to attest.

NERC must receive a response for all segments represented in the RBB by **8:00 p.m. Eastern, Tuesday, August 15, 2023**. Entities with segment(s) not attested for will be removed from the system. Anyone removed (un-vetted) can re-apply at any time.

NEW Additional Ballot and Non-binding Poll Results for Project 2017-01 – Modifications to BAL-003 Phase II

The additional ballots and non-binding poll of the Associated Violation Risk Factors and Violation Severity Levels for draft two of Reliability Standard BAL-003-3 Frequency Response and Frequency Bias Setting concluded 8 p.m. Eastern, June 1, 2023.

Voting statistics are listed below, and the Ballot Results page provides the detailed results. The drafting team will review all responses received during the comment period and determine the next steps of the project.

	Ballots	Non-binding Poll
	Quorum / Approval	Quorum / Supportive Opinions
BAL-003-3	87.77% / 58.21%	83.97% / 59.76%
Implementation Plan	87.18% / 67.3%	N/A

GENERAL COMPLIANCE AND ENFORCEMENT NEWS

NEW TPL-001-5.1 RSAW Posted

A new Reliability Standard Audit Worksheet (RSAW) for TPL-001-5.1 has been posted to the RSAW home page under the heading "Current RSAWs for Use." The effective date of this standard is July 1, 2023. This standard seeks to ensure Planning Coordinators and Transmission Planners follow transmission system planning performance requirements within the planning horizon to develop a Bulk Electric System (BES) that will operate reliably over a broad spectrum of system conditions and following a wide range of probable contingencies.

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

NEW Align Planned Maintenance

The ERO Enterprise has scheduled the Align system to be down for planned maintenance from 6:00 p.m. Eastern (3:00 p.m. Pacific) through 10:00 p.m. Eastern (7:00 p.m. Pacific) on June 14, 2023. 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](#).

NEW Nomination Period Open for Compliance and Certification Committee

The [Compliance and Certification Committee](#) (CCC) is requesting nominations to fill the vacant positions listed below. Successful candidates will serve a term beginning January 1, 2024 through December 31, 2026. In the capacity of a NERC Board of Trustees (Board)-appointed stakeholder committee serving and reporting directly to the NERC Board, the CCC will engage with, support, and advise the NERC Board and NERC regarding all facets of the NERC Compliance Monitoring and Enforcement Program, Organization Registration Program, and Organization Certification Program.

Voting Positions:
- 1 – Sector 1, Investor-Owned Utility
- 1 – Sector 2, State/Municipal Utility
- 1 – Sector 4, Federal/Provincial/Federal Power Marketing Administration
- 1 – Sector 5, Transmission Dependent Utility
- 1 – Sector 7, Electricity Marketer
- 2 – Sector 8, Large End-Use Electricity Customer
- 1 – Sector 9, Small End-Use Electricity Customer
- 1 – Sector 10, ISO/RTO
- 2 – Sector 12, U.S. State
- 2 – At-large

Non-Voting

- 1 – Canadian Federal
- 1 – Canadian Provincial
- 1 – U.S. Federal

Sector nominees that are not selected for their sector may be considered for openings in the at-large membership based on the needs of the Committee to best reflect the perspectives of the whole membership of the industry. Consistent with Article VIII, Section 4 of the NERC Bylaws, the CCC is seeking Canadian nominations for open positions in addition to other nominees eligible for those sectors.

The CCC has an open nomination process. Individuals or recognized industry groups may nominate candidates for consideration. A nominee that represents a NERC member may be nominated for a sector that matches the NERC member's sector under the NERC membership list or for an opening in the At-large membership. To check a NERC member's sector, please consult the NERC membership list. Submit nominations by **July 9, 2023** using the nomination form.

OTHER NEWS

REMINDER **Nomination Period Open for Personnel Certification Governance Committee Canadian Member**
The NERC System Operator Certification Program is holding an open nomination to fill one Canadian Member vacancy on the Personnel Certification Governance Committee (PCGC). The successful candidate is expected to serve a two-year term.

The PCGC Nomination Task Force will consider nominees with the following qualifications:

- BES System operations experience

- Have a valid and current NERC System Operator Credential

- General knowledge of certification programs

- Sufficient knowledge of the NERC Reliability Standards

- Geographic diversity across the NERC footprint

The candidate will be responsible for protecting the integrity and independence of the System Operator Certification Program, attending and participating in four in-person PCGC meetings, and participating in various conference calls and subcommittee tasks. Nominations are open to all interested parties and self-nominations are encouraged. If you are interested or know someone that is interested, please fill out the PCGC Nomination Form and email it to Barb Nutter by 5:00 p.m. Eastern on **June 16, 2023**.

REMINDER Nomination Period Open for Personnel Certification Governance Committee

The NERC System Operator Certification Program is holding an open nomination to fill [one vacancy](#) on the [PCGC](#). The successful candidate is expected to serve a two-year term.

The PCGC Nomination Task Force will consider nominees with the following qualifications:

- BES System operations experience

- Have a valid and current NERC System Operator Credential

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The candidate will be responsible for protecting the integrity and independence of the System Operator Certification Program, attending and participating in four in-person PCGC meetings, and participating in various conference calls and subcommittee tasks. Nominations are open to all interested parties and self-nominations are encouraged. If you are interested or know someone that is interested, please fill out the PCGC [Nomination Form](#) and email it to [Barb Nutter](#) by 5:00 p.m. Eastern on **July 12, 2023**.

NEW NERC Launches 11-Part Webinar Series on Inverter-Based Resources

June 6 marked the beginning of NERC's 11-part webinar series that will delve into bulk power system (BPS)-connected inverter-based resources (IBRs) and NERC's risk mitigation strategy in this area. The response to this series was tremendous, and as a result, some individuals were unable to access the webinar due to limitations on attendance. We apologize for any inconvenience caused, as the webinar was limited to the first 1000 participants. We are currently working on resolving this issue for future webinars. However, all registrants will have access to the Q&As, presentations, and recordings of the webinars at the conclusion of the series.

The webinar series will provide a complete overview of IBRs—from a fundamental understanding of IBR technology to tackling the more complex and emerging risk issues. Each webinar will include panelist presentations followed by questions and answers, with topics including:

- IBR performance issues, NERC disturbance analysis process, and findings
- The interconnection process and establishing and enhancing interconnection requirements

- Modeling IBRs—model requirements, unit and facility model creation process, model benchmarking, and electromagnetic transient modeling
- IBR commissioning processes and lessons learned
- NERC IBR registration, Reliability Standards enhancements, and IBR risk mitigation strategy

For more information on webinar dates, topics, and event registration, please see the webinar flyer.

NEW GridSecCon 2023 Registration is Open

NERC, the E-ISAC, and Northeast Power Coordinating Council (NPCC) are co-hosting the 12th annual grid security conference on October 18–20 with training opportunities on October 17 in Québec City, Canada. GridSecCon brings together cyber and physical security leaders from industry and government to deliver expert training sessions, share best practices and effective threat mitigation programs, and present lessons learned.

At GridSecCon 2023 you can participate in:

- World-class training sessions

- Cutting-edge discussions, breakout sessions, and keynotes

- In-depth presentations on emerging cyber and physical threats

- Policy updates, lessons learned, and best practices

Attendees can optimize their GridSecCon experience and chose breakout sessions from four conference tracks: cyber or physical security, supply chain issues, or special topics.

The conference will open with keynote speakers Charles Dickerson, president and CEO, Northeast Power Coordinating Council, and Mario Tanguay, senior director of Cybersecurity at Hydro-Québec. The keynote speaker on day two will be Francis Bradley, president and CEO of Electricity Canada.

Register today! Hotel room blocks are available at the Hilton Québec and the Delta Québec. Conference activities will take place in both hotels. Book your room today. Room blocks close September 15. For more information or sponsorship inquiries, please contact events@eisac.com.

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)**
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
	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 FERC Open Meeting Agenda Posted

FERC has issued the Sunshine Agenda for its upcoming [June 15 Open Meeting](#). There are three items of interest for NERC regarding its responsibilities under Section 215 of the Federal Power Act:

- A-3 - AD23-8-000 - FERC-NERC-Regional Entity Joint Inquiry into Winter Storm Elliot

This agenda item will be a presentation from NERC and FERC staff on the status of the joint Cold Weather Inquiry into Winter Storm Elliott.

- E-1 - RM22-10-000 - Transmission System Planning Performance Requirements for Extreme Weather

This item relates to a [June 16, 2022 Notice of Proposed Rulemaking](#). NERC and the Regional Entities submitted [joint comments](#) on August 26, 2022. The NOPR is proposing to direct NERC to submit new or revised transmission planning Reliability Standards to better address planning for extreme weather.

- E-2 - RM22-16-000, AD21-13-000 - One-Time Informational Reports on Extreme Weather Vulnerability

Assessments Climate Change, Extreme Weather, and Electric System Reliability

This item relates to a Notice of Proposed Rulemaking (NOPR). NERC and the Regional Entities submitted [joint comments](#) on August 30, 2022. The NOPR proposes to direct transmission planners, to submit one-time informational filings addressing their processes and procedures for conducting extreme weather vulnerability assessments.

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
- Joint NERC–FERC Physical Security Technical Conference – August 10, 2023, Atlanta | **Save the Date**
- 2023 Probabilistic Analysis Forum – October 10–12, 2023, Salt Lake City, UT | **Save the Date**
- **UPDATED** GridSecCon 2023 – October 17–20, 2023 | Register
- 2023 NERC-NATF-EPRI Annual Transmission Planning and Modeling Workshop – November 1–2, 2023 | **Save the Date**

Webinars
- Inverter-Based Resources Industry Webinar Series – June–July 2023 | Registration Flyer
- **NEW** Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Industry Webinar – 1:00–2:30 p.m. Eastern, June 20, 2023 | Join WebEx
- **NEW** Project 2022-02 – Modifications to TPL-001 and MOD-032 Industry Webinar – 1:00–3:00 p.m. Eastern, June 27, 2023 | Join WebEx

Standing Committee Meetings and Conference Calls
- Standards Committee Teleconference – 1:00–3:00 p.m. Eastern, June 21, 2023 | Join WebEx
- **NEW** Reliability and Security Technical Committee Hybrid Meetings – June 21–22, 2023, St. Paul, Minnesota | June 21 RSTC Meeting Agenda Package | June 22 RSTC Informational Session Agenda Package
- Compliance and Certification Committee – 9:00 a.m.–12:00 p.m. Central, July 19, 2023, St. Paul, Minnesota | Virtual Attendance Registration | In-Person Attendance Registration
- Standards Committee Meeting – 10:00 a.m.–1:00 p.m. Central, July 19, 2023, St. Paul, Minnesota | Register
- Joint Compliance and Certification Committee/Standards Committee Meeting – 1:30–5:00 p.m. Central, July 19, 2023, St. Paul, Minnesota | Register

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.
- Project 2020-04 – Modifications to CIP-012 Standard Drafting Team Meeting – June 12–13, 2023, Minneapolis, MN | Register
- **NEW** Project 2021-08 – Modifications to FAC-008 Standard Drafting Team Meeting – 12:00–2:00 p.m. Eastern, June 13, 2023 | Register

- Project 2022-03 – Energy Assurance with Energy-Constrained Resources Standard Drafting Team Meeting – 12:00–1:00 p.m. Eastern, June 15, 2023 | Register
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, June 15, 2023 | Register
- **NEW** Project 2017-01 – Modifications to BAL-003, Phase II Standard Drafting Team Meeting – 1:00–4:30 p.m. Eastern, June 15, 2023 | Register
- **NEW** Project 2021-03 – CIP-002 Drafting Team Meeting – 2:00–4:00 p.m. Eastern, June 15, 2023 | Register
- **NEW** Project 2021-04 – Modifications to PRC-002 - Phase II Standard Drafting Team Meeting – 12:00–2:00 p.m. Eastern, June 20, 2023 | Register
- **NEW** Project 2023-01 – EOP-004 IBR Event Reporting Standard Drafting Team Meeting – 10:00 a.m.–12:00 p.m. Eastern, June 22, 2023 | Register
- **NEW** Project 2022-03 – Energy Assurance with Energy-Constrained Resources Standard Drafting Team Meeting – 12:00–1:00 p.m. Eastern, June 22, 2023 | Register
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, June 22, 2023 | Register
- **NEW** Project 2021-04 – Modifications to PRC-002 - Phase II Standard Drafting Team Meeting – 11:00 a.m.–1:00 p.m. Eastern, June 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, June 27, 2023 | Register
- **NEW** Project 2022-03 – Energy Assurance with Energy-Constrained Resources Standard Drafting Team Meeting – 12:00–1:00 p.m. Eastern, June 29, 2023 | Register
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, June 29, 2023 | Register
- **NEW** Project 2022-03 – Energy Assurance with Energy-Constrained Resources Standard Drafting Team Meeting – 12:00–1:00 p.m. Eastern, July 6, 2023 | Register

ERO Enterprise Events
- **Texas RE** Reliability 101 & 201 Webinar Series – June 5–27, 2023 | Register for Individual Sessions Under "Live Presentations"

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.