

Standards, Compliance, and Enforcement Bulletin

November 22–28, 2021

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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
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Join Ballot Pools

Project	Action	Start Date	End Date
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Posted for Comment

Project	Action	Start Date	End Date
NEW Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination SAR	Comment Period	11/22/21	12/21/21

OTHER ACTIVE COMMENT PERIODS

Posted for Comment

Posting	Action	Start Date	End Date
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STANDARDS NEWS

NEW Nomination Period Open for Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination

NERC is seeking nominations for Project 2021-07 Standard Authorization Request (SAR) drafting team members through **8 p.m. Eastern, Tuesday, December 21, 2021**. The time commitment for this project is expected to be two face-to-face meetings per quarter (on average two full working days each meeting) with conference calls scheduled as needed to meet the agreed upon timeline the team sets forth. Team members may also have side projects, either individually or by sub-group, to present for discussion and review. Lastly, an important component of the team effort is outreach. Members of the team will be expected to conduct industry outreach during the development process to support a successful ballot. Previous drafting team experience is beneficial but not required. See the project page and nomination form for additional information.

By submitting a nomination form, you are indicating your willingness and agreement to actively participate in face-to-face meetings and conference calls. Use the [electronic form](#) to submit a nomination. Contact [Linda Jenkins](#) regarding issues using the electronic form. An unofficial Word version of the nomination form is posted on the [Standard Drafting Team Vacancies](#) page and the [project page](#). The Standards Committee is expected to appoint members to the SAR drafting team in February 2022. Nominees will be notified shortly after they have been appointed.

NEW Supplemental Nomination Period Open for Project 2020-02 – Transmission-connected Dynamic Reactive Resources

NERC is seeking nominations are being sought for additional Project 2020-02 – Transmission-connected Dynamic Reactive Resources Standard Authorization Request (SAR) drafting team members through **8 p.m. Eastern, Monday, December 20, 2021**. The potential risk of increasing amounts of reactive power being supplied by nonsynchronous sources was identified in *NERC's 2017 Long-term Reliability Assessment*. In

Quick Links

- [Register in the SBS](#)
- [Projected Standards Posting Schedule](#)
- [Project Tracking Spreadsheet](#)
- [2019–2021 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](#)

response to the concern, the Planning Committee (PC) assigned the System Analysis and Modeling Subcommittee (SAMS) to study the issue. The SAMS developed the *Applicability of Transmission-Connected Reactive Devices* white paper, which was approved by the PC at its December 2019 meeting. The PC Executive Committee reviewed the draft SAR from SAMS at its January meeting and subsequently approved the SAR by email vote ending on February 11, 2020. The SAR was posted for industry comment March 30–May 13, 2020, and drafting team member nominations were solicited. However, the project was temporarily paused before a SAR drafting team was appointed.

By submitting a nomination form, you are indicating your willingness and agreement to actively participate in face-to-face meetings and conference calls. The time commitment for this project is expected to be one face-to-face meetings per quarter (on average two full working days each meeting) with conference calls scheduled as needed to meet the agreed upon timeline the team sets forth. Face-to-face meetings will be conducted only when CDC health guidelines permit. Team members may also have side projects, either individually or by sub-group, to present for discussion and review. Lastly, an important component of the team effort is outreach. Members of the team will be expected to conduct industry outreach during the development process to support a successful ballot. Previous drafting team experience is beneficial but not required. See the project page and nomination form for additional information. Use the [electronic form](#) to submit a nomination and contact [Wendy Muller](#) regarding issues with the system. An unofficial Word version of the nomination form is posted on the [Standard Drafting Team Vacancies](#) page and the [project page](#). The Standards Committee is expected to appoint supplemental members to the drafting team in February 2022. Nominees will be notified shortly after they have been appointed.

NEW Supplemental Nomination Period Open for Project 2019-04 – Modifications to PRC-005-6

NERC is seeking nominations for additional Project 2019-04 – Modifications to PRC-005-6 drafting team members through **8 p.m. Eastern, Wednesday, December 15, 2021**. The time commitment for this project is expected to be two face-to-face meetings per quarter (on average two full working days each meeting) with conference calls scheduled as needed to meet the agreed upon timeline the team sets forth. Team members may also have side projects, either individually or by sub-group, to present for discussion and review. Lastly, an important component of the drafting team effort is outreach. Members of the team will be expected to conduct industry outreach during the development process to support a successful ballot. By submitting a nomination form, you are indicating your willingness and agreement to actively participate in face-to-face meetings and conference calls. Previous drafting team experience is beneficial but not required. See the project page and nomination form for additional information.

Use the [electronic form](#) to submit a nomination. Contact [Wendy Muller](#) regarding issues with the electronic form. An unofficial Word version of the nomination form is posted on the [Drafting Team Vacancies](#) page and the [project page](#). The Standards Committee is expected to appoint members to the drafting team in January 2022. Nominees will be notified shortly after they have been appointed.

NEW Standards Committee Segment Representative Election Results

Each of the 10 industry segments that make up the NERC Standards Committee (SC) had a vacancy to fill a two-year term beginning January 1, 2022 and ending December 31, 2023. A nomination period was held from October 4–25, 2021 and an election for Segments 1 through 9 was held from November 2–11, 2021. The elected nominees all received the highest total number of votes in that segment and received a simple majority of the votes cast in that segment. In accordance with Appendix 3B of the NERC Rules of Procedure, the following individuals have been elected to fill two-year terms in their respective segments.

SC Election Results	
Segment 1: Michael Jones	Segment 6: Sarah Snow
Segment 2: N/A	Segment 7: Kristine Martz
Segment 3: Kent Feliks	Segment 8: Robert Blohm
Segment 4: Marty Hostler	Segment 9: Sarosh Muncherji
Segment 5: Terri Pyle	

There will be a special election for Segment 2’s two-year term concluding December 2023. Segment 10 (Regional Entities) has an alternative election procedure, as permitted by Appendix 3B of the NERC Rules of Procedure. Pursuant to that alternative election procedure, Tony Purgar, from ReliabilityFirst has been elected to represent Segment 10.

GENERAL COMPLIANCE AND ENFORCEMENT NEWS

There is no additional Compliance and Enforcement news to report for this week.

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 (formerly CMEP Technology Project)

OTHER NEWS

NEW Two New Documents Posted to Assist Organizations Preparing for Registration

The ERO Enterprise posted a new document titled [ERO Enterprise Informational Package - New Registered Entities: 101](#) to welcome and assist organizations that are interested in registration. This package provides a framework to assist organizations with becoming a NERC registered entity, including the steps to complete shortly after the registration process has been completed. For those that are already registered, information regarding registration changes, compliance, and performance are also included.

This package is being released in conjunction with the updated version of the [ERO Enterprise Registration Procedure](#). The purpose of the ERO Enterprise Registration Procedure is to help new entities who are candidates for registration with NERC understand key terminology, how the Registration process works, and initial requirements for the entities, NERC, and Regional Entities. NERC together with the six REs form the ERO Enterprise. In accordance with the regional delegation agreement (RDA), the REs have been assigned the responsibility of initiating the process for registering entities functioning as owners, operators, and users of the BPS. The document also contains information regarding certain registration processes that are relevant to existing registered entities. If there are any questions, please contact your Regional Entity or send an email to nerc.registration@nerc.net.

NEW Resources Posted

The presentations from [Day 1](#) and [Day 2](#) of the EPRI-NERC-NATF 2021 Planning and Modeling Virtual Seminar have been posted.

NEW NERC Warns of Regional Reliability Risk this Winter; Stresses Readiness Planning

NERC's assessment for the upcoming winter finds that reliability risk is elevated in regions that are especially vulnerable to extreme weather, natural gas supply disruptions and low hydro conditions. NERC's [2021–2022 Winter Reliability Assessment](#) advises industry to ensure the readiness of operating plans to manage potential supply shortfalls and take proactive steps for generator readiness, fuel availability and sustained operations in extreme conditions. [Full Announcement](#) | [2021–2022 WRA Infographic](#).

NEW Final Report on February 2021 Freeze Underscores Winterization Recommendations

FERC, NERC, and NERC's Regional Entities issued the final report examining the impact the February 2021 freeze had on the bulk electric system in Texas and other parts of the South Central U.S. This 300-page analysis underscores preliminary recommendations released earlier this fall. The final report includes additional details regarding the need to strengthen rules for cold weather preparedness and coordination to prevent a recurrence of last winter's blackouts. [Full Announcement](#) | [Joint Report](#)

NEW NERC's Two-Day Grid Security Exercise Allows Industry to Test Response Capabilities

NERC's grid security exercise, GridEx VI, concluded the distributed play portion of its exercise yesterday. Over the past two days, more than 700 planners led their organizations' efforts to exercise their response and recovery plans in the face of simulated, coordinated cyber and physical attacks on the North American bulk power system and other critical infrastructure. Hosted every two years by NERC's Electric Information Sharing and Analysis Center (E-ISAC), GridEx is the largest grid security exercise in North America. Exercises like GridEx are an important aspect of NERC's mission to assure the reliability and resilience of the bulk power system, which is inextricably tied to grid security. Since the last GridEx in 2019, the cyber security landscape has continued to evolve, guided by geopolitical events, new vulnerabilities, changes in technologies, and increasingly bold cyber criminals and hackers. [Full Announcement](#)

NEW Nomination Period Open for Reliability Issues Steering Committee Members

As the terms expire for a number of Reliability Issues Steering Committee (RISC) members on January 31, 2022, volunteers are being sought from the Member Representatives Committee (MRC) and industry to serve on the RISC for two-year terms ending January 31, 2024. The RISC is an advisory committee that reports directly to the NERC Board of Trustees (Board) 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.

The RISC holds a combination of in-person meetings and conference calls, at least once per quarter. 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](#) by December 15, 2021.

NEW Nomination Period Open for Credential Maintenance Working Group

The NERC System Operator Certification Program is holding open [nominations](#) through January 4, 2022 to fill two vacancies on the [Credential Maintenance Working Group \(CMWG\)](#). The successful candidate is expected to serve a two-year term.

The Personnel Certification Governance Committee (PCGC) Nomination Task Force and CMWG Chair will consider nominees with the following qualifications:

- Experience in the electric utility industry. Parallel experience of training in the electric utility industry will suffice for both training and industry experience. Experience in NERC Certified system operator training is desired.
- Advanced training expertise, preferably in the bulk transmission system and Bulk Electric System operations.
- Knowledge and experience applying a systematic approach to training.
- Knowledge regarding reliable operations within their organizations.

Responsibilities include protecting the integrity and independence of the Credential Maintenance Program, attending, and participating in two in-person and two virtual quarterly meetings, participating in various conference calls, and task force group tasks. Please use this [form](#) to submit your nomination.

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, 2022	PRC-012-2 – Remedial Action Schemes (Requirement R9)
	TPL-007-4 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R6, 6.1–6.4, R10, 10.1–10.4)
July 1, 2022	CIP-012-1 – Cyber Security – Communications between Control Centers
	PRC-002-2 – Disturbance Monitoring and Reporting Requirements (100% compliance for Requirements R2–R4, R6–R11)
October 1, 2022	CIP-005-7 – Cyber Security – Electronic Security Perimeter(s)
	CIP-010-4 – Cyber Security – Configuration Change Management and Vulnerability Assessments
	CIP-013-2 – Cyber Security – Supply Chain Risk Management
	PRC-024-3 – Frequency and Voltage Protection Settings for Generating Resources
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	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)

BOARD OF TRUSTEES AND FERC ACTION

NEW NERC and FERC Staff Recognized for Work on Joint Cold Weather Inquiry

FERC Chairman Glick recognized the dedicated work of FERC and NERC staff on producing the joint report focused on the February 2021 cold weather event at FERC's November open meeting. The report looks at the impacts the freeze had on the Bulk Electric System in Texas and other parts of the South Central United States and provides recommendations for avoiding the situation in the future. Glick commended the team of nearly 50 subject matter experts for conducting such a comprehensive report in nine months and presented awards to the four team leads:

- Steve Noess, Director of Regulatory Programs, NERC
- Kiel Lyons, Senior Manager of Compliance Assurance, NERC
- David Huff, Electrical Engineer, Office of Electrical Reliability, FERC
- Heather Polzin, Attorney Advisor, Office of Enforcement, FERC

Noess, who joined NERC in May 2011, and Lyons, who joined NERC in June 2015, were presented with the Chairman's Certificate of Appreciation, while the FERC team received the Commission Merit Award.

The ERO Enterprise appreciates the dedicated efforts of FERC, NERC, and Regional Entity staff on this report and will continue to work toward assuring the reliability of the North American bulk power system.

NEW NERC Filings

On November 15, 2021, NERC submitted to FERC its [quarterly budget variance compliance filing](#) under Docket No. FA11-21-000. This compliance filing is in accordance with FERC's January 16, 2013 Order, which approved a Settlement Agreement between the FERC Office of Enforcement and NERC, related to findings and recommendations arising out of its 2012 performance audit.

You can find all filings to FERC for 2021 on our [website](#).

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

- **NEW** Human Performance in Electric Power Virtual Session #4 – 1:00–5:00 p.m. Eastern, December 2, 2021 | [Register](#) | [Agenda](#)

Webinars

There are no webinars currently scheduled.

Standing Committee Meetings and Conference Calls

There are no standing committee meetings currently scheduled.

Standard Drafting Team Meetings and Conference Calls

There are no drafting team meetings currently scheduled.

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.