

# Standards, Compliance, and Enforcement Bulletin

November 7–13, 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
<a href="#">Project 2021-04 – Modifications to PRC-002</a>   Draft 2	<a href="#">Additional Ballot and Non-binding Polls</a>	10/31/22	11/09/22
<a href="#">Project 2021-01 – Modifications to MOD-025 and PRC-019</a>   Draft 1	<a href="#">Initial Ballots and Non-binding Polls</a>	11/04/22	11/14/22
<a href="#">Project 2020-04 – Modifications to CIP-012</a>   Draft 3	<a href="#">Additional Ballot and Non-binding Polls</a>	11/07/22	11/16/22
<a href="#">Project 2021-05 – Modifications to PRC-023</a>	<a href="#">Initial Ballots and Non-binding Poll</a>	11/23/22	12/02/22
<a href="#">Project 2021-06 – Modifications to IRO-010 and TOP-003</a>   Draft 1	<a href="#">Initial Ballots and Non-binding Polls</a>	12/06/22	12/15/22
<a href="#">Project 2021-02 Modifications to VAR-002-4.1</a>   Draft 1	<a href="#">Initial Ballots and Non-binding Poll</a>	12/09/22	12/19/22

### Join Ballot Pools

Project	Action	Start Date	End Date
<a href="#">Project 2021-05 – Modifications to PRC-023</a>	<a href="#">Join Ballot Pools</a>	10/10/22	11/15/22

<a href="#">Project 2021-06 – Modifications to IRO-010 and TOP-003</a>   Draft 1	<a href="#">Join Ballot Pools</a>	10/25/22	11/30/22
<a href="#">Project 2021-02 Modifications to VAR-002-4.1</a>   Draft 1	<a href="#">Join Ballot Pools</a>	10/31/22	11/29/22
Posted for Comment			
Project	Action	Start Date	End Date
<a href="#">Project 2021-04 – Modifications to PRC-002</a>   Draft 2	<a href="#">Comment Period</a>	09/26/22	11/09/22
<a href="#">Project 2021-01 – Modifications to MOD-025 and PRC-019</a>   Draft 1	<a href="#">Comment Period</a>	09/29/22	11/14/22
<a href="#">Project 2020-04 – Modifications to CIP-012</a>   Draft 3	<a href="#">Comment Period</a>	10/03/22	11/16/22
<a href="#">Project 2021-05 – Modifications to PRC-023</a>	<a href="#">Comment Period</a>	10/10/22	12/02/22
<b>NEW</b> <a href="#">Project 2022-05 – Modifications to CIP-008 Reporting Threshold Standard Authorization Request</a>   SAR	<a href="#">Comment Period</a>	11/02/22	12/05/22
<a href="#">Project 2021-06 – Modifications to IRO-010 and TOP-003</a>   Draft 1	<a href="#">Comment Period</a>	10/25/22	12/15/22
<a href="#">Project 2021-02 Modifications to VAR-002-4.1</a>   Draft 1	<a href="#">Comment Period</a>	10/31/22	12/19/22
OTHER ACTIVE COMMENT PERIODS			
Posted for Comment			
Posting	Action	Start Date	End Date
<p><b>Comment Period Open for Draft Supply Chain Security Guidelines on Open Source Software Provenance:</b> The security guidelines were originally published on September 17, 2019. Both documents have been updated and draft versions have been posted on the NERC website for industry comment.</p> <p><a href="#">Open Source Software</a> is software with source code that anyone can modify. It is often used as a component of other software. Users should recognize the risks of using open source software and apply the appropriate controls to mitigate those risks. <a href="#">Comment Form</a>   <a href="#">Draft Security Guideline Open Source Software</a></p> <p><a href="#">Provenance</a> refers to a user’s knowledge of the authenticity of a computer system or system component. Users can reduce the risk from the actions of unknown</p>	Please use the comment forms and submit to <a href="#">Tom Hofstetter</a> .	09/29/22	11/11/22

<p>third parties by knowing that a system came from a reliable source. <a href="#">Comment Form</a>   <a href="#">Draft Security Guideline Provenance</a></p>			
<p><b>Comment Period Open for Reliability Guideline: Bulk Power System Reliability Perspectives on the Adoption of IEEE 1547-2018:</b> 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 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. <a href="#">Draft Reliability Guideline – Clean Version</a>   <a href="#">Draft Reliability Guideline – Redline Version</a></p>	<p>Please submit comments via <a href="#">email</a> using the <a href="#">comment form</a>.</p>	<p>10/04/22</p>	<p>11/18/22</p>

## STANDARDS NEWS

### **NEW Resources Posted**

NERC posted the [slide presentation](#) and [recording](#) from the October 18 Project 2021-01 – Modifications to MOD-025 and PRC-019 Industry Webinar

### **NEW Nomination Period Open for Project 2022-05 SAR Drafting Team Members**

NERC is seeking Project 2022-05 – Modifications to CIP-008 Reporting Threshold Standard Authorization Request (SAR) drafting team members through 8 p.m. Eastern, Monday, December 5, 2022.

The team will meet regularly, up to twice a week on conference calls, with face-to-face meetings scheduled as the members' schedule and the pandemic allow, to meet the agreed-upon timeline the drafting 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](#) 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. The Standards Committee is expected to appoint members to the SAR drafting team in January 2023. Nominees will be notified shortly after they have been appointed.

### **NEW Standards Committee Segment Representative Nomination Results and Elections**

In accordance with Appendix 3B of the NERC Rules of Procedure, the period has concluded for accepting member nominations to serve on the Standards Committee (SC) for 9 of the 10 industry Segments to fill two-year terms (2023–2024). NERC staff reviewed all nomination applications, confirmed that all nominees are registered users of the Registered Ballot Body, and verified their eligibility to be a SC member nominee. Detailed information on each nominee is posted on the SC's [Nomination and Elections](#) web page.

NERC received one nomination for each of the following industry Segments:

- Segment 2 – Charles Yeung

### 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 \(Status, Purpose, Implementation Plans, FERC Orders, RSAWs\)](#)

[FERC Orders, RSAWs](#)

[CIP Standards Efficiency Review](#)

[Submit Questions or Feedback](#)

- Segment 4 – Patti Metro
- Segment 7 – Venona Greaff
- Segment 8 – Philip Winston
- Segment 9 – William Chambliss

In addition, NERC received multiple nominations for each of the following industry Segments:

- Segment 1 – Troy Brumfield
- Segment 1 – Chantal Mazza
- Segment 3 – Michael Brytowski
- Segment 3 – Vicki O’Leary
- Segment 5 – Jim Howell
- Segment 5 – Lauren Price
- Segment 6 – Justin Welty
- Segment 6 – Dave Cates

An election began November 2 and will remain open until 8 p.m. Eastern on November 14, 2022 due to the Veterans Day holiday on Friday November 11, 2022. Each Registered Ballot Body entity in an industry Segment may cast one vote per SC member position being filled. Proxies are allowed, and proxy designation should be emailed to [Katrina Blackley](#) prior to voting. A separate email will be sent to members of each industry Segment providing a link to vote for their respective election. Elections will take place for unopposed nominees as well, to satisfy a voting record with at least one vote required. Segment 10 (Regional Entities) will submit their nominee using an alternate election procedure, as permitted by [Appendix 3B](#) of the NERC Rules of Procedure.

In Accordance with Appendix 3B [Procedures for Elections of Members of the Standards Committee](#), to be elected during the election, a nominee must meet both of the following:

- Receive the highest total number of votes in that industry Segment, and

- Receive a simple majority of the votes cast in that industry Segment.

If no candidate meets both criteria through the initial ballot, a second ballot will be conducted in that industry Segment. For the second ballot, the slate consists of the two candidates who received the highest number of votes in the initial ballot. The candidate receiving the highest number of votes in the second ballot is elected to represent that industry Segment. For more information or assistance, please contact [Katrina Blackley](#).

## 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](#)

## OTHER NEWS

### **NEW NERC News Posted**

NERC News, NERC's monthly newsletter, is now available for [October](#).

### **NEW NERC Publishes Distributed Energy Resource Strategy Document**

Distributed energy resource (DER) levels are growing rapidly across many areas of North America and are altering how the bulk power system is planned, designed, and operated. While DERs present a number of benefits, they also create challenges to grid reliability, resilience, and flexibility. The [Distributed Energy Resource Strategy](#) identifies current and future strategic actions necessary to ensure reliable operation of the bulk power system. The core tenets of the current DER risk mitigation strategy focus on: DER modeling capabilities, studies incorporating DERs, operational impacts of DERs, and regulatory considerations related to DERs.

The ERO Enterprise is dedicated to proactively identifying and addressing bulk power system reliability impacts associated with increasing DER levels and will continue to work collaboratively with industry stakeholders to drive risk mitigation activities. | [Quick Reference Guide: Distributed Energy Resource Activities](#)

### **NEW Technical Reference Document Posted**

The NERC System Planning Impacts from Distributed Energy Resources Working Group (SPIDERWG) studied various limitations of the current set of positive sequence tools to determine which, if any, boundary cases can be identified to switch from a positive sequence tool into a “beyond positive sequence” framework. The capabilities of current transmission and distribution (T&D) co-simulation tools were determined to be capable of modeling the complexities of both systems. Simulations were performed on a set of reduced cases rather than the current Interconnection-wide base cases in order to provide a technical baseline for further investigation. The [Technical Reference Document: Beyond Positive Sequence RMS Simulations for High DER Penetration Conditions](#) is intended to help Transmission Planners (TPs) and other relevant engineers understand the benefits and limitations of current and beyond positive sequence frameworks with respect to analyzing the impact of DERs on the BPS and the response of distributed energy resources (DER) to BPS events in high DER penetration scenarios.

**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	<a href="#">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)</a>
April 1, 2023	<a href="#">EOP-011-2 – Emergency Preparedness and Operations</a>
	<a href="#">IRO-010-4 – Reliability Coordinator Data Specification and Collection</a>
	<a href="#">TOP-003-5 – Operational Reliability Data</a>
July 1, 2023	<a href="#">TPL-001-5.1 – Transmission System Planning Performance Requirements</a>   <a href="#">Implementation Plan</a>
January 1, 2024	<a href="#">CIP-004-7 – Cyber Security – Personnel &amp; Training</a>
	<a href="#">CIP-011-3 – Cyber Security - Information Protection</a>
	<a href="#">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)</a>
April 1, 2024	<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-023-5 – Transmission Relay Loadability</a>   <a href="#">Implementation Plan</a>
	<a href="#">PRC-002-3 – Disturbance Monitoring and Reporting Requirements</a>   <a href="#">Implementation Plan</a>
	<a href="#">PRC-026-2 – Relay Performance During Stable Power Swings</a>   <a href="#">Implementation Plan</a>
<a href="#">TOP-001-6 – Transmission Operations</a>	

**BOARD OF TRUSTEES AND FERC ACTION**

**NEW FERC Issuances**

On November 11, 2022, FERC issued an [order](#) accepting the 2023 Business Plans and Budgets of NERC, the six Regional Entities, and the Western Interconnection Regional Advisory Body. The order also directs a compliance filing. You can find all orders from FERC for 2022 on our website [here](#).

**NEW Quarterly Board and Board Committee Meetings Details**

Resources for Quarterly Board of Trustees and Board Committee Meetings		
November 7, 2022 – VIRTUAL	November 15, 2022 – NEW ORLEANS	November 16, 2022 – NEW ORLEANS
<b>Corporate Governance and Human Resources Committee</b> <a href="#">Agenda Package</a>   <a href="#">Registration</a> *** <i>There will be one WebEx link for the entire day of meetings, attendees will not need to disconnect/rejoin for each meeting</i> *** 10:00 a.m. Eastern	<b>Member Representatives Committee</b> <a href="#">Agenda Package</a> 1:00 p.m. Central	<b>Board of Trustees</b> <a href="#">Agenda Package</a> 9:30 a.m. Central
<b>Finance and Audit Committee</b> <a href="#">Agenda Package</a> 11:15 a.m. Eastern	<b>Other:</b> Policy Input   <a href="#">Schedule of Events</a>   <a href="#">Meetings Registration</a> *** <i>The webcast link for each respective meeting day is noted on the posted agendas</i> ***	
<b>Compliance Committee</b> <a href="#">Agenda Package</a> 1:00 p.m. Eastern		
<b>Technology and Security Committee</b> <a href="#">Agenda Package</a> 2:30 p.m. Eastern		

## 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

- Live Credential Maintenance Program Administrative Manual Revision 1.0 Overview Webinar – 3:00–4:00 p.m. Eastern, November 8, 2022 | [Register](#)

### Standing Committee Meetings and Conference Calls

- Personnel Certification Governance Committee Meeting – 8:00–9:00 a.m. Eastern, November 8, 2022 | [Register](#)
- Quarterly Board Committees Virtual Meetings – November 7, 2022 | [Register](#)
- Quarterly Board of Trustees and Member Representatives Committee Meetings – November 15–16, 2022 | [Meetings Registration](#) | [Schedule of Events](#) | [Agenda Package](#)
- **NEW** Standards Committee Special Call – 1:00–2:00 p.m. Eastern, November 30, 2022 | [Register](#)

### Standard Drafting Team Meetings

- Project 2022-03 – Energy Assurance with Energy-Constrained Resources SAR Drafting Team Meeting – November 8–10, 2022, Atlanta | [Register](#)
- Project 2022-02 – Modifications to TPL-001 and MOD-032 Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, November 8, 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 8, 2022 | [Register](#)
- Project 2019-04 – Modifications to PRC-005-6 Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, November 8, 2022 | [Register](#)
- Project 2017-01 – Modifications to BAL-003 Phase II Drafting Team Meeting – 1:00–3:30 p.m. Eastern, November 9, 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 10, 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 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](#)
- 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](#)

### **ERO Enterprise Events**

- **Texas RE** [Talk with Texas RE](#): CIP-008 – 1:30–2:30 p.m. Central, November 8, 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.