

# Standards, Compliance, and Enforcement Bulletin

October 31–November 6, 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
<b>NEW</b> <a href="#">Project 2020-03 – Supply Chain Low Impact Revisions</a>   CIP-003-9 Final Draft	<a href="#">Final Ballot</a>	10/26/22	11/04/22
<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
<b>NEW</b> <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
<b>NEW</b> <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
<b>NEW</b> <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
<b>NEW</b> <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 2021-06 – Modifications to IRO-010 and TOP-003</a>   Draft 1	<a href="#">Comment Period</a>	10/25/22	12/15/22
<b>NEW</b> <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
<b>Comment Period Open for Two Draft Supply Chain Security Guidelines:</b> Security guidelines are not binding norms or parameters to the level that compliance to NERC’s Reliability Standards are monitored or enforced. Rather, their incorporation into industry practices is strictly voluntary. 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.	Please use the comment forms and submit to <a href="#">Tom Hofstetter</a> .	09/19/22	11/03/22

<p>The <a href="#">Cyber Security Risk Management Lifecycle</a> draft security guideline describes processes to identify, assess, and mitigate supply chain cyber security risks. <a href="#">Comment Form</a>   <a href="#">Draft Security Guideline Cyber Security Risk Management</a></p> <p>The <a href="#">Vendor Risk Management Lifecycle</a> draft security guideline focuses on specific issues and risks relevant to service providers and vendors that provide products and services to the electric industry. <a href="#">Comment Form</a>   <a href="#">Draft Security Guideline Vendor Risk Management Lifecycle</a></p>			
<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 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>Please use the comment forms and submit to <a href="#">Tom Hofstetter</a>.</p>	<p>09/29/22</p>	<p>11/11/22</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</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>

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. [Draft Reliability Guideline – Clean Version](#) | [Draft Reliability Guideline – Redline Version](#)

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## STANDARDS NEWS

### **NEW White Paper Posted**

The NERC System Planning Impacts from Distributed Energy Resources Working Group (SPIDERWG) evaluated the current body of NERC Reliability Standards and the requirements within those standards for their applicability and effectiveness to remain relevant with increasing levels of distributed energy resources. The [NERC Reliability Standards Review White Paper](#) details the findings of the SPIDERWG review and makes recommendations for actions that should be taken to address identified issues.

### **NEW Resources Posted**

NERC posted the [slide presentation](#), [recording](#), and [response to webinar questions](#) for the October 24 Project 2020-04 Modifications to CIP-012 webinar.

### 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 Compliance Guidance Update**

NERC posted one new ERO Enterprise-endorsed Implementation Guidance document posted on the [Compliance Guidance web page: FAC-002-4 R6 – Definition of Qualified Change \(202-05 SDT\)](#).

### **NEW Compliance Monitoring and Enforcement Program Implementation Plan and ERO Enterprise Periodic Data Submittals Schedule**

The ERO Enterprise is pleased to release the [2023 Compliance Monitoring and Enforcement Program Implementation Plan](#), which describes the risks that will be priorities for the ERO Enterprise’s CMEP activities in 2023, and the [ERO Enterprise Periodic Data Submittals Schedule](#). Collectively, NERC and each Regional Entity have worked collaboratively throughout this CMEP’s development to evaluate reports of NERC committees (especially the Reliability Issues Steering Committee), ERO Enterprise analysis of events, and NERC reliability assessments to identify the existing and emerging risks to reliable and secure operations.

This is done as part of the ERO Enterprise CMEP Implementation Plan done annually toward performing CMEP responsibilities and duties. The ERO Enterprise executes CMEP activities in accordance with the NERC Rules of Procedure ([including Appendix 4C](#)), their respective Regional Delegation Agreements, and other agreements with regulatory authorities in Canada and Mexico.

### 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 White Paper Posted**

The NERC System Planning Impacts from Distributed Energy Resources Working Group (SPIDERWG) initially set out to provide guidance regarding the aggregate impacts of a distributed energy resource (DER) on under voltage load shedding (UVLS) programs. After a cursory review of industry UVLS practices, SPIDERWG recognized that there are very few (if any) currently active UVLS programs in place today. Therefore, NERC SPIDERWG provided the [White Paper: DER Impacts to Under Voltage Load Shedding Program Design](#), outlining general points for coordination of voltage-sensitive equipment.

**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.

<b>U.S. Effective Dates for Reliability Standards</b>	
<b>U.S. Effective Date</b>	<b>Standard(s)</b>
<b>January 1, 2023</b>	<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>
<b>April 1, 2023</b>	<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>
<b>July 1, 2023</b>	<a href="#">TPL-001-5.1 – Transmission System Planning Performance Requirements</a>   <a href="#">Implementation Plan</a>
<b>January 1, 2024</b>	<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>
<b>April 1, 2024</b>	<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 NERC Filings**

On October 28, 2022, NERC submitted to FERC a [petition for approval](#) of proposed Reliability Standards EOP-011-3 and EOP-012-1 and request for expedited action. You can find all filings to FERC for 2022 on our website [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**

- [EPRI–NATF–NERC 2022 Annual Transmission Planning and Modeling Workshop](#) – November 2–3, 2022 | [Day 1 Registration](#) | [Day 2 Registration](#) | [NEW Agenda](#)
- Distributed Energy Resources Virtual Workshop – 11:00 a.m.–5:00 p.m. Eastern, December 14, 2022 | [Register](#)

### **Webinars**

- Project 2021-04 – Modifications to PRC-002-3 Webinar – 1:00–2:30 p.m. Eastern, October 31, 2022 | [Register](#)
- **NEW** 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 of Trustees, Board Committees, and Member Representatives Committee Meetings – November 15–16, 2022 | [Meetings Registration](#) | [Schedule of Events](#) | [Agenda Package](#)

### **Standard Drafting Team Meetings**

- Project 2021-08 – Modifications to FAC-008 Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, November 1, 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 1, 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 3, 2022 | [Register](#)
- 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](#)
- **NEW** 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](#)
- **NEW** Project 2019-04 – Modifications to PRC-005-6 Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, November 8, 2022 | [Register](#)
- **NEW** Project 2017-01 – Modifications to BAL-003 Phase II Drafting Team Meeting – 1:00–3:30 p.m. Eastern, November 9, 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 10, 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 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](#)
- **NEW** 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 2017-01 – Modifications to BAL-003 Phase II Drafting Team Meeting – 10:00 a.m.–1:00 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 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](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.