

# Standards, Compliance, and Enforcement Bulletin

June 26–July 4, 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
<a href="#">Project 2019-04 – Modifications to PRC-005-6</a>   Draft 1	<a href="#">Initial Ballots and Non-Binding Poll</a>	06/30/23	07/10/23
<a href="#">Project 2022-02 – Modifications to TPL-001 and MOD-032</a>   Draft 1 - MOD-032-2	<a href="#">Initial Ballots and Non-Binding Poll</a>	07/05/23	07/14/23
<a href="#">Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination - Phase 2</a>   Draft 1 - EOP-012-2	<a href="#">Initial Ballots and Non-Binding Poll</a>	07/11/23	07/20/23
<a href="#">Project 2020-06 – Verifications of Models and Data for Generators</a>   Draft 3	<a href="#">Additional Ballots and Non-Binding Polls</a>	07/12/23	07/21/23

### Join Ballot Pools

Project	Action	Start Date	End Date
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<a href="#">Project 2022-02 – Modifications to TPL-001 and MOD-032</a>   Draft 1 - MOD-032-2	<a href="#">Join Ballot Pools</a>	05/31/23	06/29/23
<a href="#">Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination - Phase 2</a>   Draft 1 - EOP-012-2	<a href="#">Join Ballot Pools</a>	06/05/23	07/05/23
Posted for Comment			
Project	Action	Start Date	End Date
<a href="#">Project 2019-04 – Modifications to PRC-005-6</a>   Draft 1	<a href="#">Comment Period</a>	05/25/23	07/10/23
<a href="#">Project 2021-03 – CIP-002</a>	<a href="#">Comment Period</a>	06/13/23	07/12/23
<a href="#">Project 2022-02 – Modifications to TPL-001 and MOD-032</a>   Draft 1 - MOD-032-2	<a href="#">Comment Period</a>	05/31/23	07/14/23
<a href="#">Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination - Phase 2</a>   Draft 1 - EOP-012-2	<a href="#">Comment Period</a>	06/05/23	07/20/23
<a href="#">Project 2020-06 – Verifications of Models and Data for Generators</a>   Draft 3	<a href="#">Comment Period</a>	06/07/23	07/21/23

Posted for Comment			
Posting	Action	Start Date	End Date
<p><b>Comment Period Open for National Online Informative References Program – Framework for Improving Critical Infrastructure Security:</b> 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.</p> <p>NIST and NERC’s Security Working Group (SWG) collaborated to map the elements between NIST’s Cybersecurity Framework Core (CSF) v1.1 and the</p>	Submit comments or questions to <a href="#">NIST</a> .	05/30/23	07/14/23

<p>Critical Infrastructure Protection (CIP) Cyber Security Reliability Standards. The SWG provided expertise to map the relevant CIP Reliability Standards to the NIST document. This mapping provides a better understanding of measures that enhance the security of the national grid.</p> <p>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:</p> <p><a href="#">National Institute of Standards and Technology (NIST) announcement</a>  <a href="#">NIST CSF to NERC CIP Mapping Presentation</a>  <a href="#">Informative Reference Resource</a></p>			
<p><b>Comment Period Open for EOP-004 and EOP-005 Draft SARs:</b> The System Planning Impacts from DER Working group (SPIDERWG) have posted the draft standard authorization requests (SARs) for EOP-004 and EOP-005 for a public industry comment period concurrent with their request to seek feedback from Reliability and Security Technical Committee (RSTC) members. These SARs are part of the <a href="#">June RSTC Agenda package</a> and the public comment period will coincide with the RSTC review. At the June RSTC meeting, SPIDERWG will present their request for review.</p> <p>The RSTC approved posting for 30-day industry comment period. Draft versions of the SARs have been posted on the <a href="#">Reliability Guidelines, Security Guidelines, Technical Reference Documents, and White Papers</a> page.</p> <p><a href="#">SAR EOP-004   Reporting of Aggregate loss of DER during Grid Disturbances</a>  <a href="#">SAR EOP-005   Inclusion of DER in Blackstart Plans</a></p>	<p>Please submit comments via email using the comment matrixes below:  <a href="#">SAR EOP-004 - Comment Matrix</a>  <a href="#">SAR EOP-005 - Comment Matrix</a></p>	<p>06/15/23</p>	<p>07/15/23</p>
<p><b>NEW Comment Period Open for Grid Forming Functional Specifications for BPS-Connected Battery Energy Storage Systems Draft White Paper:</b> The Inverter-Based Resource Performance Subcommittee (IRPS) has posted a draft version of the white paper, "<a href="#">Grid Forming Functional Specifications for BPS-Connected Battery Energy Storage Systems</a>" for industry comment. This document is</p>	<p>Please submit comments via email using the <a href="#">comment form</a>.</p>	<p>06/21/23</p>	<p>07/21/23</p>

<p>included in the <a href="#">June Reliability and Security Technical Committee (RSTC) Agenda package</a> and has been postponed for approval by the RSTC until the industry’s comment period has concluded.</p> <p>The RSTC approved posting the white paper for 30-day industry comment period. The draft white paper has been posted on the <a href="#">Reliability Guidelines, Security Guidelines, Technical Reference Documents, and White Papers</a> page.</p>			
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## STANDARDS NEWS

### **NEW Webinar Resources Posted**

NERC posted the [slide presentation](#) and [recording](#) from the June 1, 2023 Project 2021-02 – Modifications to VAR-002-4.1 Industry Webinar.

NERC posted the [slide presentation](#) and [recording](#) from the June 20, 2023 Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination webinar.

### **NEW Additional Ballot and Non-binding Poll Results for Project 2021-06 – Modifications to IRO-010 and TOP-003 | Draft 2**

The additional ballots and non-binding polls of the associated Violation Risk Factors and Violation Severity Levels were extended one day to achieve quorum and concluded **8 p.m. Eastern, Wednesday, June 21, 2023** for the following:

- IRO-010-5 – Reliability Coordinator Data Specification and Collection
- TOP-003-6 – Transmission Operator and Balancing Authority Data and Information Specification and Collection
- Implementation Plan

The voting statistics are listed below, and the details can be accessed on the [Ballot Results](#) page. The drafting team will review all responses received during the comment period and determine the next steps of the project.

### 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](#)

	<b>Ballot</b>	<b>Non-binding Poll</b>
<b>Standard</b>	<b>Quorum / Approval</b>	<b>Quorum / Supportive Opinions</b>
IRO-010-5	82.88% / 74.89%	80.29% / 73.08%
TOP-003-6	83.56% / 74.43%	80.80% / 71.74%
Implementation Plan	83.39% / 78.38%	N/A

## GENERAL COMPLIANCE AND ENFORCEMENT NEWS

### **REMINDER** Align Planned Maintenance

The ERO Enterprise has scheduled the Align system to be down for planned maintenance. The Align system will be down for scheduled maintenance starting from June 28, 2023, at 6:00 p.m. Eastern (3:00 p.m. Pacific) through June 28, 2023, at 11:00 p.m. Eastern (8:00 p.m. Pacific). 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** Newly Effective Standards

On July 1, 2023, [TPL-001-5.1 – Transmission System Planning Performance Requirements](#) will become effective. TPL-001-5.1 establishes transmission system planning performance requirements within the planning horizon to develop a Bulk Electric System that will operate reliably over a broad spectrum of system conditions and following a wide range of probable contingencies. [Implementation Plan](#)

### 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](#)

## OTHER NEWS

### **NEW Save the Date for Monitoring and Situational Awareness Technical Conference**

The NERC Energy Management System Working Group will host its 11<sup>th</sup> annual Monitoring and Situational Awareness Technical Conference at WECC in Salt Lake City, Utah, on October 3–4, 2023. This year’s conference will unite expertise from various utilities to share cutting-edge ideas and good industry practices, and to identify trends and lessons learned from events across different vendors, energy management system platforms, and Interconnections. Detailed information about the conference, including registration, will be published at the end of August 2023.

### **NEW Extreme Weather, Cyber and Physical Security Continue to Create Reliability Challenges**

NERC’s *2023 State of Reliability* (SOR) finds that overall, the North American bulk power system remains highly reliable and resilient. However, extreme weather events continue to pose the greatest risk to its reliability and stability. Transmission system reliability has improved significantly for the fifth consecutive year, and the rate of protection system misoperations also continues to improve. Conventional generation, challenged by more frequent extreme weather, experienced its highest level of unavailability overall since NERC began gathering generator availability data in 2013. In addition, cyber security compromises and increased physical attacks on critical infrastructure in the latter part of 2022 reinforce the need for further development and adaptation of reliability standards and guidelines. [Full Announcement](#) | [2023 SOR Overview](#) | [2023 SOR Technical Assessment](#) | [2023 SOR Infographic](#) | [2023 SOR Video](#)

**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>July 1, 2023</b> <b>EFFECTIVE THIS WEEK</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="#">FAC-001-4 – Facility Interconnection Requirements</a>   <a href="#">Implementation Plan</a> <a href="#">FAC-002-4 – Facility Interconnection Studies</a>   <a href="#">Implementation Plan</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-002-4 – Disturbance Monitoring and Reporting Requirements</a> <a href="#">PRC-023-5 – Transmission Relay Loadability</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>
<b>October 1, 2024</b>	<a href="#">EOP-012-1 – Extreme Cold Weather Preparedness and Operations</a> (Requirements 1–2 effective 4/1/28; Requirement 4 effective 10/1/29)
<b>April 1, 2026</b>	<a href="#">CIP-003-9 - Cyber Security – Security Management Controls</a>

## BOARD OF TRUSTEES AND FERC ACTION

There is no additional Board or FERC action to report for this week.

## 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

- Joint NERC–FERC Physical Security Technical Conference – August 10, 2023, Atlanta | **Save the Date**
- **NEW** Monitoring and Situational Awareness Technical Conference – October 3–4, 2023, Salt Lake City, UT | **Save the Date**
- 2023 Probabilistic Analysis Forum – October 10–12, 2023, Salt Lake City, UT | **Save the Date**
- 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

- **ONGOING** Inverter-Based Resources Industry Webinar Series – June–July 2023 | [Registration Flyer](#)
- Project 2022-02 – Modifications to TPL-001 and MOD-032 Industry Webinar – 1:00–3:00 p.m. Eastern, June 27, 2023 | [Join WebEx](#)
- Project 2020-06 – Verifications of Models and Data for Generators – 1:00–2:30 p.m. Eastern, June 28, 2023 | [Join WebEx](#)
- Project 2019-04 – Modifications to PRC-005-6 – 11:00 a.m.–12:30 p.m. Eastern, June 29, 2023 | [Join WebEx](#)
- Joint NERC–E-ISAC–Idaho National Laboratory Webinar: Cyber-Informed Transmission Planning and Related Activities – 3:00–4:30 p.m. Eastern, July 10, 2023 | [Register](#)

### Standing Committee Meetings and Conference Calls

- 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](#)



- Third Quarter Board of Trustees and Member Representatives Committee Meetings – August 16–17, 2023, Ottawa, Ontario, Canada | [In-person Registration](#) | [Virtual Registration](#) | [Hotel Information](#)

### 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](#).

- **NEW** Project 2016-02 – Modifications to CIP Standards Drafting Team Meeting – 2:30–3:30 p.m. Eastern, June 26, 2023 | [Register](#)
- **NEW** Project 2022-03 – Energy Assurance with Energy-Constrained Resources Standard Drafting Team Meeting – 11:00 a.m.–12:30 p.m. Eastern, June 27, 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 2020-04 – Modifications to CIP-012 Standard Drafting Team Meeting – 11:00 a.m.–12:30 p.m. Eastern, June 28, 2023 | [Register](#)
- 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 2022-05 – Modifications to CIP-008 Reporting Threshold SAR Drafting Team Meeting – 2:00–3:00 p.m. Eastern, July 5, 2023 | [Register](#)
- Project 2022-03 – Energy Assurance with Energy-Constrained Resources Standard Drafting Team Meeting – 12:00–1:00 p.m. Eastern, July 6, 2023 | [Register](#)
- **NEW** Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, July 6, 2023 | [Register](#)
- **NEW** Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, July 11, 2023 | [Register](#)
- **NEW** Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, July 13, 2023 | [Register](#)

### ERO Enterprise Events

- **Texas RE** Reliability 101 & 201 Webinar Series – June 5–27, 2023 | [Register for Individual Sessions Under "Live Presentations"](#)
- **ReliabilityFirst** 2023 ReliabilityFirst Fall Workshop – September 26–27, 2023 | [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.