

Standards, Compliance, and Enforcement Bulletin

April 11–17, 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
Project 2016-02 – Modifications to CIP Standards Virtualization	Additional Ballots and Non-binding Polls	04/01/22	04/11/22
Project 2020-03 – Supply Chain Low Impact Revisions CIP-003-X (Draft 2)	Additional Ballots and Non-binding Polls	04/06/22	04/15/22

Join Ballot Pools

Project	Action	Start Date	End Date
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Posted for Comment

Project	Action	Start Date	End Date
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Project 2016-02 Modifications to CIP Standards Virtualization – Draft 3	Comment Period	02/18/22	04/11/22
Project 2021-02 – Modifications to VAR-002 SAR (Draft 2)	Comment Period	03/07/22	04/06/22
Project 2020-03 – Supply Chain Low Impact Revisions CIP-003-X (Draft 2)	Comment Period	02/25/22	04/15/22

OTHER ACTIVE COMMENT PERIODS

Posted for Comment

Posting	Action	Start Date	End Date
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STANDARDS NEWS

NEW Notice of Standards Committee Action without a Meeting: Results

In accordance with Sections 9.0 of the Standards Committee Charter, an email ballot was sent on April 4, 2022 requesting the Standards Committee (SC) vote by April 7, 2022 on the following motion:

Determine that the extension for the Project 2020-05 Implementation Plan for certain defined circumstances constitutes a non-substantive change and the standards and implementation plan can be posted for 10-day final ballot.

The SC members voted and the motion passed with 17 affirmative votes, three abstentions, and zero negative votes. The original motion and voting results were emailed to the SC members on April 8, 2022.

NEW Supplemental Drafting Team Nomination Period Open for Project 2021-03 – CIP-002 Transmission Owner Control Centers

NERC is seeking nominations for supplemental drafting team members for Project 2021-03 – CIP-002 Transmission Owner Control Centers through **8 p.m. Eastern, Thursday, May 5, 2022**. The current drafting team (“Group A”) is working on a field test pursuant to the Standard

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](#)

Authorization Request (SAR) regarding Transmission Owner Control Centers. The supplemental drafting team members will be considered “Group B” and are expected to address three other SARs and will not focus on the CIP-002 field test.

The time commitment for this project is expected to consist of a majority of conference calls, with occasional face-to-face meetings (an average of two full working days each meeting). The conference calls and face-to-face meetings will be scheduled as necessary 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 to the full drafting team for discussion and review. Lastly, an important component of the team effort is outreach. Drafting team members will be expected to conduct industry outreach during the development process to support a successful project outcome. By submitting a nomination form, you are indicating your willingness and agreement to actively participate in conference calls and face-to-face meetings. Previous drafting team experience is beneficial but not required.

Use the [electronic form](#) to submit a nomination. Contact [Wendy Muller](#) 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 drafting team in June 2022. Nominees will be notified shortly after they have been appointed.

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 Seeks Survey Participants from NERC Certified System Operators and Managers for the Credential Maintenance Research Project

NERC's Personnel Certification Governance Committee (PCGC), Credential Maintenance Working Group (CMWG), and the Electric Power Research Institute (EPRI) are seeking survey respondents for a research project related to the NERC Certified System Operator (NCSO) program. This project is examining credential maintenance practices in order to identify possible evidence-based changes and/or enhancements.

The project team is seeking information and feedback on credential maintenance practices from:

- Credential holders
- Employers of credential holders
- Training content providers

The project team is seeking information and feedback on credential maintenance practices from credential holders and employers in any proposed program changes. Your participation will allow the project team to prioritize the needs of credential holders in any proposed program changes. The surveys will take approximately 15 minutes.

Complete the appropriate survey links: [NCSO Survey](#) | [NCSO Manager Survey](#). The surveys close on April 19, 2022.

NEW NERC News Posted

NERC News, NERC's monthly newsletter, is now available for [March](#). Highlights in this edition include:

- ERO Executive Spotlight Features Melanie Frye, President and CEO, WECC
- Nomination Period Open for Reliability and Security
- Technical Committee Sector 10 Special Election
- Energy Reliability Assessment Task Force Industry Update and Opportunity for Industry Comments
- Upcoming Events
- Careers at NERC

NEW Operational Communication, Collaboration and Coordination Key to Industry Success during an Event

Enhancing routine and emergency operations coordination between the electricity industry and natural gas providers is one of several recommendations identified during NERC and the Electricity Information Sharing and Analysis Center’s (E-ISAC) sixth security exercise, GridEx VI, held in November 2021.

Communications, collaboration, and coordination are among many policy recommendations highlighted in the [GridEx VI Lessons Learned Report](#) as being key to industry’s success during a severe security event. The report is a detailed post-exercise review and analysis that provides recommendations for actions by the electricity industry, cross-sector partners, and government.

Participants from across North America—including industry, and U.S. and Canadian government partners—took part in the two-day exercise, which tested the operational and policy measures that would be needed to restore the grid following a severe cyber and physical attack. Click [here](#) for full announcement.

NEW Report Highlights Criticality of Ensuring Reliable Operation of Inverter-Based Resources; Provides Recommendations

The ongoing widespread reduction of solar photovoltaic (PV) resources continues to be a notable reliability risk to the bulk power system (BPS), particularly when combined with the loss of other generating resources on the BPS and in aggregate on the distribution system, a joint report from NERC and WECC found. Between June and August 2021, four disturbances involving widespread reduction of power from BPS-connected solar PV resources occurred in Southern California, specifically in areas of high penetrations of solar PV and wind resources.

The [Multiple Solar PV Disturbances in CAISO Disturbances between June and August 2021: Joint NERC and WECC Staff Report](#) analyzes the initiating events and performance of the BPS-connected solar PV fleet during the events. The report also documents key findings and provides recommendations to industry for improved performance validation of the solar PV fleet and improved modeling and study practices to identify these issues before real-time operations. Click [here](#) for full announcement.

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, 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	CIP-004-7 – Cyber Security – Personnel & Training CIP-011-3 – Cyber Security - Information Protection
	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-023-5 – Transmission Relay Loadability Implementation Plan
	PRC-002-3 – Disturbance Monitoring and Reporting Requirements Implementation Plan
	PRC-026-2 – Relay Performance During Stable Power Swings Implementation Plan
	TOP-001-6 – Transmission Operations

BOARD OF TRUSTEES AND FERC ACTION

NEW NERC Filings

On April 6, 2022, NERC and NPCC submitted to FERC [reply comments](#) addressing comments of Public Citizen Inc. filed in response to the March 11, 2022 petition for approval of amendments to NPCC Bylaws.

You can find all of NERC's filings to FERC for 2022 [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

- GridSecCon 2022 – October 18–19, 2022 | **Save the Date**

Webinars

- **NEW** 2021 Periodic Review Standing Review Team | Standards Grading Webinar – 11:00 a.m.–3:00 p.m. Eastern, April 15, 2022 | [Register](#)
- [Utilizing Excess Capability of BPS-Connected Inverter-Based Resources for Frequency Support](#) Webinar – 1:00–3:00 p.m. Eastern, April 19, 2022 | [Register](#)
- **NEW** Project 2020-06 – Verifications of Models and Data for Generators Webinar – 10:00 a.m.–12:00 p.m. Eastern, April 20, 2022 | [Register](#)
- **NERC–NATF–NAGF–EPRI JOINT WEBINAR** IEEE 2800-2022 Update: Standard for Interconnection and Interoperability of Inverter-Based Resources Interconnecting with Associated Transmission Systems– 12:00–1:30 p.m. Eastern, May 3, 2022 | [Register](#) | [Agenda](#)

Standing Committee Meetings and Conference Calls

- Member Representatives Committee Pre-Meeting Conference Call and Informational Webinar – 11:00 a.m.–12:00 p.m. Eastern, April 12, 2022 | [Register](#) | **NEW** [Agenda](#)
- Standards Committee Conference Call – 1:00–3:00 p.m. Eastern, April 20, 2022 | [Register](#)
- Hybrid Compliance and Certification Committee Meeting – April 27–28, 2022, Juno, FL/Virtual | [Day 1 In-Person Registration](#) | [Day 1 Virtual Registration](#) | [Day 2 In-Person Registration](#) | [Day 2 Virtual Registration](#)

- Board of Trustees Committees, Member Representatives Committee, and Board of Trustees Meetings – May 11–12, 2022, Arlington, Virginia | [Register](#)

Standard Drafting Team Meetings

- Project 2017-01 – Phase II Modifications to BAL-003 Standard Drafting Team Meeting – 10:00 a.m.–1:00 p.m. Eastern, April 12, 2022 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, April 12, 2022 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, April 13, 2022 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, April 14, 2022 | [Register](#)
- Project 2021-02 – Modifications to VAR-002 SAR Drafting Team Meeting – 11:00 a.m.–1:30 p.m. Eastern, April 18, 2022 | [Register](#)
- **NEW** Project 2021-05 – Modifications to PRC-023 Standard Drafting Team Meeting – 2:00–4:00 p.m. Eastern, April 18, 2022 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, April 19, 2022 | [Register](#)
- Project 2021-03 – CIP-002 Transmission Owner Control Centers Drafting Team Meeting – 11:00 a.m.–12:30 p.m. Eastern, April 21, 2022 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, April 21, 2022 | [Register](#)
- **NEW** Project 2019-04 – Modifications to PRC-005-6 Standard Drafting Team Meeting – 10:30 a.m.–1:30 p.m. Eastern, April 22, 2022 | [Register](#)
- Project 2021-03 – CIP-002 Transmission Owner Control Centers Drafting Team Meeting – 11:00 a.m.–12:30 p.m. Eastern, April 22, 2022 | [Register](#)
- Project 2021-04 – Modifications to PRC-002-2 Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, April 22, 2022 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, April 26, 2022 | [Register](#)
- **NEW** Project 2021-05 – Modifications to PRC-023 Standard Drafting Team Meeting – 2:00–4:00 p.m. Eastern, April 27, 2022 | [Register](#)
- Project 2021-02 – Modifications to VAR-002 SAR Drafting Team Meeting – 10:00 a.m.–1:00 p.m. Eastern, April 28, 2022 | [Register](#)

- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, April 28, 2022 | [Register](#)
- **NEW** Project 2019-04 – Modifications to PRC-005-6 Standard Drafting Team Meeting – 11:00 a.m.–2:00 p.m. Eastern, April 29, 2022 | [Register](#)

ERO Enterprise Events

- **TEXAS RE** [Talk with Texas RE: FAC-008](#) – 1:30–2:30 p.m. Central, May 5, 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.