

Standards, Compliance, and Enforcement Bulletin

July 25–31, 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 2021-04 – Modifications to PRC-002 Draft 1	Initial Ballots and Non-binding Polls	07/15/22	07/25/22

Join Ballot Pools

Project	Action	Start Date	End Date
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Posted for Comment

Project	Action	Start Date	End Date
Project 2021-04 – Modifications to PRC-002 Draft 1	Comment Period	06/09/22	07/25/22
Project 2020-03 – Supply Chain Low Impact Revisions	Comment Period	07/06/22	08/19/22

OTHER ACTIVE COMMENT PERIODS

Posted for Comment

Posting	Action	Start Date	End Date
<p>Comment Period Open for Inverter-Based Resource Performance Subcommittee (IRPS) Approved Draft Reliability Guidelines: Pursuant to FERC’s Order on January 19, 2021, Reliability Guidelines must now include metrics to support evaluation during triennial review consistent with the Reliability and Security Technical Committee (RSTC) Charter. These guidelines have been reviewed and revisions have been made by adding the metrics to keep the information current.</p> <p>The RSTC reviewed the guidelines and approved the Reliability Guideline: BPS-Connected Inverter-Based Resource Performance and the Reliability Guideline: Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources for a 45-day posting for industry comment.</p>	<p>Submit comments via email by 5:00 p.m. Eastern using the Draft Reliability Guideline: BPS-Connected Inverter-Based Resource Performance Comment Form and the Draft Reliability Guideline: Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources Comment Form</p>	06/21/22	08/05/22
<p>Comment Period Open for Modifications to Section 1600 Data Request for Generating Availability Data System: In accordance with NERC’s Rule of Procedure, Section 1600 Data Requests must include a 45-day public comment period. NERC is seeking to update the GADS Section 1600 data request to add value by expanding GADS reporting to include:</p> <ul style="list-style-type: none"> • Solar (new): <ul style="list-style-type: none"> ▪ Inventory/configuration, event reporting, and performance data ▪ Inventory/configuration of connected energy storage and performance data • GADS Wind extensions: <ul style="list-style-type: none"> ▪ Event reporting and connected energy storage 	<p>Submit comments via email by 8:00 p.m. Eastern using the comment form.</p>	06/21/22	08/05/22

<ul style="list-style-type: none"> ▪ Changes to configuration data to support event reporting • Conventional GADS extensions: <ul style="list-style-type: none"> ▪ Unit design data that is comparable to the types of information being collected for wind and solar ▪ Contributing Operating Conditions Code <p>The RSTC reviewed the proposed modifications to the GADS Section 1600 Data Request and authorized a 45-day posting for industry comment.</p>			
<p>Comment Period Open for Draft Reliability Guideline: The Draft Reliability Guideline: Parameterization of the DER A Model for Aggregate DER provides background material on the recommended DER modeling framework, including the concepts of retail-scale DERs (R-DERs) and utility-scale DERs (U-DERs), information on relevant interconnection standards (IEEE Std. 1547-2003, IEEE Std. 1547a-2014, IEEE Std. 1547-2018, and CA Rule 21), and how the DER_A model parameters can be modified to account for a mixture of vintages of inverter-interfaced DER. The block diagram of the DER_A model is annotated and described so that Transmission Planners (TPs) and Planning Coordinators (PCs) are able to understand the relevant control logic of the dynamic model with respect to the various rules. TPs and PCs are also provided a set of recommendations for developing the modeling parameters for the DER_A dynamic model. These recommendations can also be extrapolated to Transmission Operators (TOPs), Reliability Coordinators (RCs), and other entities performing positive sequence stability simulations of the BPS where an aggregate representation of DERs is required.</p>	<p>Please submit comments via email using the comment form.</p>	<p>06/29/22</p>	<p>08/13/22</p>

<p>The RSTC reviewed the draft guideline and approved a 45-day posting for industry comment.</p>			
<p>Comment Period Open for IRPS Approved Draft Reliability Guidelines: Pursuant to FERC’s Order on January 19, 2021, Reliability Guidelines must now include metrics to support evaluation during triennial review consistent with RSTC Charter. These guidelines have been reviewed and revisions have been made by adding the metrics to keep the information current.</p> <p>The Reliability Guideline: Performance, Modeling, and Simulations of BPS-Connected Battery Energy Storage Systems and Hybrid Power Plants was approved for a 60-day posting and industry comment period.</p>	<p>Submit comments via email by 5:00 p.m. Eastern using the Draft Reliability Guideline: Performance, Modeling, and Simulations of BPS-Connected Battery Energy Storage Systems and Hybrid Power Plants Comment Form.</p>	<p>06/21/22</p>	<p>08/20/22</p>

STANDARDS NEWS

There is no additional Standards news to report for this week.

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 CIP-014-3 RSAW Posted

A [Reliability Standard Audit Worksheet \(RSAW\)](#) for [CIP-014-3](#) has been posted. CIP-014-3 applies to physical security of Transmission stations and Transmission substations, and their associated primary control centers. The new RSAW includes minor updates following the FERC Order Approving Modifications to the Compliance Section of Reliability Standard CIP-014.

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 Lessons Learned Posted

Two new lessons learned have been posted on the NERC website on the [Lessons Learned](#) page:

- [Forecasted High Winds](#)
- [Tower Climber Incident](#)

NEW Extreme Weather, Inverter Issues, and Cyber Threats Pose Unprecedented Challenges to the Grid

The grid withstood an unprecedented combination of challenges in 2021 — extreme and sustained weather events, increasingly sophisticated and severe cyber and physical threats and the urgent need to reliably integrate the rapidly growing fleet of inverter-based resources — that tested grid reliability, resilience and security. In spite of these conditions, NERC's [2022 State of Reliability](#), which looks at past performance, found that operators maintained grid reliability with one notable exception — the February 2021 Texas and South-Central United States cold weather event that led to the largest controlled load shed event in North American history. [Full Announcement](#) | [2022 State of Reliability](#) | [2022 State of Reliability Infographic](#)

NEW Save the Date for the 2022 Winter Weather Webinar

NERC will be holding its annual Preparation for Severe Cold Weather Webinar on September 1, 2022. The webinar format has been revised to include presentations from various industry, stakeholder, and ERO Enterprise participants. The event will be held virtually and more details will be announced shortly.

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)
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 FERC Open Meeting Agenda

FERC released the [Sunshine Notice agenda](#) for its upcoming July 28 meeting. There are no items of interest for NERC related to its responsibilities under Section 215 of the Federal Power Act.

NEW NERC Filings

On July 18, 2022, NERC submitted a compliance filing consisting of updates to the NERC Rules of Procedure (ROP) Section 400 and Appendix 4C in response to the May 19, 2022 FERC Order. You can find the filing on our website [here](#).

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-ESIG-NAGF-NERC** Generator Interconnection Workshop – August 9–11, 2022 | [Day 1 Registration](#) | [Day 2 Registration](#) | [Day 3 Registration](#)
- GridSecCon 2022 – October 18–19, 2022 | [Register](#)
- **EPRI-NATF-NERC** 2022 Annual Transmission Planning and Modeling Workshop – November 2–3, 2022 | **Registration Details Coming Soon**

Webinars

- **NEW** Project 2020-03 – Supply Chain Low Impact Revisions Webinar – 1:00–2:00 p.m. Eastern, July 27, 2022 | [Register](#)
- **NEW** Preparation for Severe Cold Weather Webinar – September 1, 2022 | **Registration Details Coming Soon**

Standing Committee Meetings and Conference Calls

- **NEW** Reliability Issues Steering Committee – 3:00–4:30 p.m. Eastern, July 28, 2022 | [Register](#) | [Agenda](#)
- Board of Trustees Committees, Member Representatives Committee, and Board of Trustees Meetings – August 17–18, 2022, Vancouver, Canada |

- **NEW** Standards Committee Conference Call – 1:00–3:00 p.m. Eastern, August 24, 2022 | [Register](#)

Standard Drafting Team Meetings

- **NEW** Project 2021-01 – Modifications to MOD-025 and PRC-019 Drafting Team Meeting – 1:00–4:00 p.m. Eastern, July 26, 2022 | [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 26, 2022 | [Register](#)
- **NEW** Project 2020-06 – Verifications of Models and Data for Generators Standard Drafting Team Meeting – 1:00–4:00 p.m. Eastern, July 27, 2022 | [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 27, 2022 | [Register](#)
- Project 2021-04 – Modifications to PRC-002-2 Standard Drafting Team Meeting – 2:00–4:00 p.m. Eastern, July 27, 2022 | [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 28, 2022 | [Register](#)
- **NEW** Project 2020-06 – Verifications of Models and Data for Generators Standard Drafting Team Meeting – 1:00–4:00 p.m. Eastern, July 28, 2022 | [Register](#)
- **NEW** Project 2021-02 – Modifications to VAR-002 Standard Drafting Team Meeting – 1:30–3:30 p.m. Eastern, August 3, 2022 | [Register](#)
- **NEW** Project 2019-04 – Modifications to PRC-005 Standard Drafting Team Meeting – 12:30–4:00 p.m. Eastern, August 9, 2022 | [Register](#)
- Project 2021-04 – Modifications to PRC-002-2 Standard Drafting Team Meeting – August 9–10, 2022, Tempe, Arizona | [Register](#)
- **NEW** Project 2021-02 – Modifications to VAR-002 Standard Drafting Team Meeting – 1:30–3:30 p.m. Eastern, August 10, 2022 | [Register](#)
- Project 2021-06 – Modifications to IRO-010 and TOP-003 Drafting Team Meeting – August 16–18, 2022, Atlanta | [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.