

Standards, Compliance, and Enforcement Bulletin

August 1–7, 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
NEW Project 2020-03 – Supply Chain Low Impact Revisions Draft 3	Additional Ballot and Non-binding Poll	08/10/22	08/19/22
NEW Project 2017-01 – Modifications to BAL-003 - Phase II Draft 1	Initial Ballots and Non-binding Poll	08/29/22	09/07/22

Join Ballot Pools

Project	Action	Start Date	End Date
NEW Project 2017-01 – Modifications to BAL-003 - Phase II Draft 1	Join Ballot Pools	07/25/22	08/23/22

Posted for Comment

Project	Action	Start Date	End Date
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Project 2020-03 – Supply Chain Low Impact Revisions	Comment Period	07/06/22	08/19/22
NEW Draft 2023–2025 Reliability Standards Development Plan	Comment Period	07/26/22	08/24/22
NEW Project 2017-01 – Modifications to BAL-003 - Phase II Draft 1	Comment Period	07/25/22	09/07/22

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>The RSTC reviewed the draft guideline and approved a 45-day posting for industry comment.</p>	<p>Please submit comments via email using the comment form.</p>	<p>06/29/22</p>	<p>08/13/22</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</p>	<p>Submit comments via email by 5:00 p.m. Eastern using the Draft Reliability Guideline:</p>	<p>06/21/22</p>	<p>08/20/22</p>

<p>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>Performance, Modeling, and Simulations of BPS-Connected Battery Energy Storage Systems and Hybrid Power Plants Comment Form.</p>		
<p>NEW Comment Period Open for Draft White Paper: In light of recent cyber security events and the evolving threat landscape, the NERC Board took action at its February 4, 2021 meeting to direct NERC staff, working with stakeholders, to expeditiously complete its broader review and analysis of degrees of risk presented by various facilities that meet the criteria that define low impact cyber facilities and report on whether those criteria should be modified. In response, NERC staff assembled a team of cyber security experts and compliance experts that represent a cross section of the industry to fairly represent the understanding of the potential threat and risk posed by a coordinated cyber-attack on low impact BES Cyber Systems. The team, called the Low Impact Criteria Review Team, prepared a draft white paper that defines the risk and presents recommended actions to address the risks, including CIP Standards revisions, security guidelines, and risk monitoring activities. The draft white paper is posted for a 45-day industry comment period.</p>	<p>Please submit comments via email.</p>	<p>07/29/22</p>	<p>08/12/22</p>

STANDARDS NEWS

NEW Webinar Resources Posted

NERC posted the [slide presentation](#) and [recording](#) from the July 27, 2022 Project 2020-03 Supply Chain Low Impact Revisions Industry 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

On August 31, 2022, the ERO Enterprise retired the following General Guidance documents:

- CIP-002-5.1 Communications and Networking Cyber Assets Lessons Learned
- External Routable Connectivity Lessons Learned
- Vendor Access Management Lessons Learned

The retired guidance documents were developed during the CIP Version 5 transition period and provided the pilot participants lessons learned for CIP Version 5 implementation. The ERO Enterprise retired the documents as they do not provide guidance to comply with the applicable Standards and/or Requirements. These documents will be publicly accessible until a future announcement.

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 [July](#). Highlights in this edition include:

- ERO Executive Spotlight – Charles Dickerson, NPCC President and Chief Executive Officer
- NERC State of Reliability – Extreme Weather, Inverter Issues and Cyber Threats Pose Unprecedented Challenges to the Grid
- Jim Robb, NERC President and Chief Executive Officer, Discusses Summer Reliability Outlook and Supply Chain Challenges on APPA Podcast
- Upcoming Events
- Regional Entity Events
- Filings
- Careers at NERC

NEW Nomination Period Open for Credential Maintenance Working Group

The NERC System Operator Certification Program is holding an open nomination to fill one vacancy on the [Credential Maintenance Working Group](#) (CMWG). The successful candidate is expected to serve a two-year term, protect the integrity and independence of the Credential Maintenance Program, attend and participate in two in-person and two virtual quarterly meetings, and participate in various conference calls and task force group tasks.

The Personnel Certification Governance Committee (PCGC) Nomination Task Force and the CMWG Chair will consider nominees with the following qualifications:

- Experience in the electric utility industry. Parallel experience of training in the electric utility industry will suffice for both training and industry experience. Experience in NERC Certified system operator training is desired.
- Advanced training expertise, preferably in the bulk transmission system and Bulk Electric System operations.
- Knowledge and experience applying a systematic approach to training.
- Knowledge regarding reliable operations within their organizations.

Nominations are open to all interested parties, and self-nominations are encouraged. If you are interested or know someone that is interested, please email the [nomination form](#) to [Valenche Cartledge](#) by 5:00 p.m. Eastern, **September 7, 2022**.

NEW Save the Date for Monitoring and Situational Awareness Technical Conference

NERC will host its 10th annual Monitoring and Situational Awareness Technical Conference via Webex. The conference will have presentations from entities across North America and present data from NERC's event analysis process to identify trends and lessons learned from events across different vendors, EMS platforms, and Interconnections. Detailed information about the conference and workshops, including registration, will be published at the end of August 2022.

- Session 1: 1:00–3:00 p.m. Eastern | September 22, 2022
- Session 2: 1:00–3:00 p.m. Eastern | October 6, 2022
- Session 3: 1:00–3:00 p.m. Eastern | October 20, 2022

Registration details will be available soon under [Upcoming Events](#).

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 Issuances

At its July open meeting, FERC presented on a Notice of Proposed Rulemaking (NOPR) regarding a proposed new duty of candor for entities that communicate with FERC or certain organizations, including NERC and the Regional Entities, upon which FERC relies to carry out its statutory obligations. (Docket No. RM22-20-000). Details from the staff presentation are available on FERC's website [here](#).

On July 29, 2022, FERC issued a [letter order](#) approving amendments to ReliabilityFirst Corporation bylaws. You can find all FERC orders for 2022 on our website [here](#).

NEW NERC Filings

On July 29, 2022, NERC and NPCC submitted to FERC a [Motion for an Extension of the Compliance Filing Deadline](#) in response to the Order conditionally approving amendments to NPCC Bylaws. You can find all of NERC's 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](#)
- **NEW** Monitoring and Situational Awareness Technical Conference Session 1 – September 22, 2022 | **Registration Details Coming Soon**
- **NEW** Monitoring and Situational Awareness Technical Conference Session 2 – October 6, 2022 | **Registration Details Coming Soon**
- GridSecCon 2022 – October 18–19, 2022 | [Register](#)
- **NEW** Monitoring and Situational Awareness Technical Conference Session 3 – October 20, 2022 | **Registration Details Coming Soon**
- **EPRI-NATF-NERC** 2022 Annual Transmission Planning and Modeling Workshop – November 2–3, 2022 | **Registration Details Coming Soon**

Webinars

- Preparation for Severe Cold Weather Webinar – September 1, 2022 | **Registration Details Coming Soon**

Standing Committee Meetings and Conference Calls

- Board of Trustees Committees, Member Representatives Committee, and Board of Trustees Meetings – August 17–18, 2022, Vancouver, Canada | [Register](#)
- Standards Committee Conference Call – 1:00–3:00 p.m. Eastern, August 24, 2022 | [Register](#)

Standard Drafting Team Meetings

- Project 2021-02 – Modifications to VAR-002 Standard Drafting Team Meeting – 1:30–3:30 p.m. Eastern, August 3, 2022 | [Register](#)
- **NEW** Project 2021-05 – Modifications to PRC-023 Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, August 4, 2022 | [Register](#)
- 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](#)
- 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.