

# Standards, Compliance, and Enforcement Bulletin

July 18–24, 2022

## INSIDE THIS EDITION

[Active Standards Postings](#) | [Other Active Comment Periods](#) | [Standards News](#) | [General Compliance and Enforcement News](#) | [Other News](#) | [Standards Subject to Future Enforcement](#) | [Board of Trustees and FERC Action](#) | [Upcoming Events](#) | [About the SC&E Bulletin](#)

## 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 2021-04 – Modifications to PRC-002</a>   Draft 1	<a href="#">Initial Ballots and Non-binding Polls</a>	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
<a href="#">Project 2022-03 – Energy Assurance with Energy-Constrained Resources</a>   Standard Authorization Requests	<a href="#">Comment Period</a>	06/22/22	07/21/22

<a href="#">Project 2021-04 – Modifications to PRC-002</a>   Draft 1	<a href="#">Comment Period</a>	06/09/22	07/25/22
<a href="#">Project 2020-03 – Supply Chain Low Impact Revisions</a>	<a href="#">Comment Period</a>	07/06/22	08/19/22
OTHER ACTIVE COMMENT PERIODS			
Posted for Comment			
Posting	Action	Start Date	End Date
<p><b>Comment Period Open for Inverter-Based Resource Performance Subcommittee (IRPS) Approved Draft Reliability Guidelines:</b> 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 <a href="#">Reliability Guideline: BPS-Connected Inverter-Based Resource Performance</a> and the <a href="#">Reliability Guideline: Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources</a> for a 45-day posting for industry comment.</p>	<p>Submit comments via <a href="#">email</a> by 5:00 p.m. Eastern using the <a href="#">Draft Reliability Guideline: BPS-Connected Inverter-Based Resource Performance Comment Form</a> and the <a href="#">Draft Reliability Guideline: Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources Comment Form</a></p>	06/21/22	08/05/22
<p><b>Comment Period Open for Modifications to Section 1600 Data Request for Generating Availability Data System:</b> 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 <a href="#">GADS Section 1600 data request</a> to add value by expanding GADS reporting to include:</p> <ul style="list-style-type: none"> <li>• Solar (new): <ul style="list-style-type: none"> <li>▪ Inventory/configuration, event reporting, and performance data</li> <li>▪ Inventory/configuration of connected energy storage and performance data</li> </ul> </li> </ul>	<p>Submit comments via <a href="#">email</a> by 8:00 p.m. Eastern using the <a href="#">comment form</a>.</p>	06/21/22	08/05/22

<ul style="list-style-type: none"> <li>• GADS Wind extensions:           <ul style="list-style-type: none"> <li>▪ Event reporting and connected energy storage</li> <li>▪ Changes to configuration data to support event reporting</li> </ul> </li> <li>• Conventional GADS extensions:           <ul style="list-style-type: none"> <li>▪ Unit design data that is comparable to the types of information being collected for wind and solar</li> <li>▪ Contributing Operating Conditions Code</li> </ul> </li> </ul> <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><b>Comment Period Open for Draft Reliability Guideline:</b> The <a href="#">Draft Reliability Guideline: Parameterization of the DER A Model for Aggregate DER</a> 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 <a href="#">email</a> using the <a href="#">comment form</a>.</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><b>Comment Period Open for IRPS Approved Draft Reliability Guidelines:</b> 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 <a href="#">Reliability Guideline: Performance, Modeling, and Simulations of BPS-Connected Battery Energy Storage Systems and Hybrid Power Plants</a> was approved for a 60-day posting and industry comment period.</p>	<p>Submit comments via <a href="#">email</a> by 5:00 p.m. Eastern using the <a href="#">Draft Reliability Guideline: Performance, Modeling, and Simulations of BPS-Connected Battery Energy Storage Systems and Hybrid Power Plants Comment Form</a>.</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 Compliance Guidance Update**

NERC has added one new proposed Implementation Guidance document to the [NERC Compliance Guidance web page](#): [PRC-019-2 R1 R2 Generator Voltage Control Coordination \(RSTC\)](#).

### 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 EPRI, ESIG, NAGF, and NERC Announce Joint Generator Interconnection Workshop**

This major online workshop by EPRI, ESIG, NAGF, and NERC will cover the important relationships between interconnection process reforms and new standards for inverter-based resources. The workshop will provide education on both topics and how they interact for improving the generation interconnection process and ensuring more economic, sustainable, and reliable operation of the future grid. Interconnection queues around the United States are backlogged by approximately 1,500 GW of generation projects facing multi-year study delays. FERC recently issued two proposed rulemakings to address some of these challenges—“Building for the Future through Electric Regional Transmission Planning and Cost Allocation and Generator Interconnection” and “Improvements to Generator Interconnection Procedures and Agreements”—with comments to FERC due this fall. Separately, recent NERC disturbance reports have indicated gaps in interconnection studies, modelling, and interconnection requirements for inverter-based resources. Also, the new IEEE 2800 standard for “Interconnection and Interoperability of Inverter-Based Resources Interconnecting with Associated Transmission Electric Power Systems” has recently been approved and, if used, will provide additional benefits for both reliability and the interconnection study process.

This timely online workshop will show the important relationships between these topics, as well as provide technical understanding of each topic area, in a way that will facilitate constructive discussion and thoughtful feedback prior to the upcoming FERC comment deadlines. While panelists will include engineering and technical experts on each topic, the workshop is intended for a broad engineering, policy, and decision-maker audience. The workshop includes three, half-day online sessions on August 9, 10, and 11. Participation in all three days is recommended but not required. You will need to register separately for each half-day session you plan to attend. We will provide materials and recordings to all sessions for those that registered at the conclusion of the workshop. There is no charge for the workshop.

Registration details are below and are also available under [Upcoming Events](#).

- [Day 1: The Interconnection Process](#)  
1:00–4:00 p.m. Eastern, August 9, 2022
- [Day 2: Interconnection Studies and Modeling](#)  
1:00–4:00 p.m. Eastern, August 10, 2022
- [Day 3: IBR Interconnection Requirements and Next Steps](#)  
1:00–4:00 p.m. Eastern, August 11, 2022

**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	<a href="#">CIP-005-7 – Cyber Security – Electronic Security Perimeter(s)</a> <a href="#">CIP-010-4 – Cyber Security – Configuration Change Management and Vulnerability Assessments</a> <a href="#">CIP-013-2 – Cyber Security – Supply Chain Risk Management</a>
	<a href="#">PRC-024-3 – Frequency and Voltage Protection Settings for Generating Resources</a>
January 1, 2023	<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>
April 1, 2023	<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>
July 1, 2023	<a href="#">TPL-001-5.1 – Transmission System Planning Performance Requirements</a>   <a href="#">Implementation Plan</a>
January 1, 2024	<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>
April 1, 2024	<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 FERC Issuances**

On July 11, 2022, FERC issued a [letter order](#) authorizing NERC's request to redirect budgeted funds and to expend funds from its CRISP Operating Reserve.

All 2022 FERC issuances can be found [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**

There are no webinars currently scheduled.

### **Standing Committee Meetings and Conference Calls**

- Standards Committee Meeting – 10:00 a.m.–1:00 p.m. Mountain, July 20, 2022, Denver, CO | [Register](#) | **NEW Agenda**
- Member Representatives Committee Pre-Meeting Conference Call and Informational Webinar – 3:00–4:00 p.m. Eastern, July 20, 2022 | [Register](#) | **NEW Agenda**
- Joint Compliance and Certification Committee/Standards Committee Meeting – 1:00–4:00 p.m. Mountain, July 20, 2022, Denver, CO | [Virtual Attendance Registration](#) | [In-Person Attendance Registration](#) | **NEW Agenda Package**
- Compliance and Certification Committee Meeting – 8:00 a.m.–12:00 p.m. Mountain, July 21, 2022, Denver, CO | [Virtual Attendance Registration](#) | [In-Person Attendance Registration](#) | **NEW Agenda Package**



- Board of Trustees Committees, Member Representatives Committee, and Board of Trustees Meetings – August 17–18, 2022, Vancouver, Canada | [Register](#)

### Standard Drafting Team Meetings

- 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 2021-04 – Modifications to PRC-002-2 Standard Drafting Team Meeting – August 8–9, 2022, Tempe, Arizona | [Register](#)
- **NEW** 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.