

# Standards, Compliance, and Enforcement Bulletin

July 5–11, 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
<a href="#">Project 2020-06 – Verifications of Models and Data for Generators</a>   MOD-026-2	<a href="#">Initial Ballots and Non-binding Polls</a>	06/27/22	07/06/22
<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
<a href="#">Project 2021-04 – Modifications to PRC-002</a>   Draft 1	<a href="#">Join Ballot Pools</a>	06/09/22	07/08/22

### Posted for Comment

Project	Action	Start Date	End Date
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<a href="#">Project 2020-06 – Verifications of Models and Data for Generators</a>   MOD-026-2	<a href="#">Comment Period</a>	05/24/22	07/06/22
<a href="#">Project 2020-02 – Transmission-connected Dynamic Reactive Resources Generator Ride-through (PRC-024-3 Replacement)</a>   Standard Authorization Request	<a href="#">Comment Period</a>	05/31/22	07/14/22
<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

**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</a></p>	<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

<p><a href="#">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> <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>NEW 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</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>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><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 Functional Mapping Enhancements in Development for ERO Portal CORES Application**

The ERO Enterprise is currently developing an enhanced version of the functional mapping module within the Centralized Organization Registration ERO System (CORES) on the ERO Portal. This briefing is intended to notify registered entities of upcoming changes; however, no action is required at this time.

CORES includes a module called functional mapping that is used to identify critical functional relationships between registered entities. During the registration process, the ERO Enterprise performs a review of functional relationships identified by the NERC Rules of Procedure (ROP), certain Reliability Standards, and other important entity relationships.

Functional Mapping identifies the relationships between registered entities by their function, which may also be used by registered entities for compliance purposes. NERC standards also use the registered functions to create compliance relationships. When registered entities map to each other, they ensure there are no gaps in their compliance nor functional registration. The ERO Enterprise also uses functional mapping information for ensuring that there are not any gaps in registration, for determining entity risk, and for other CMEP activities.

### 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](#)

Several registered entities have volunteered to participate in a focus group that will provide the ERO Enterprise with valuable registered entity input and feedback during the developmental process.

This enhancement to functional mapping capabilities will have several expected benefits, which include:

- New “Acknowledgment” functionality
- New Notifications for both registered entities and the ERO Enterprise
- Improved user interface
- Improved data entry controls
- Improved data architecture
- Consolidate existing data from other systems and applications

Additional updates will be provided as the project progresses. If there are any questions, please contact your Regional Entity or send an email to [nerc.registration@nerc.net](mailto:nerc.registration@nerc.net).

## OTHER NEWS

### **NEW NERC News Posted**

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

- ERO Executive Spotlight – Mark Lauby, Senior Vice President and Chief Engineer, NERC
- ERO Enterprise Deploys Release 4.0 of Align
- NERC Statement on FERC June Open Meeting Action
- Upcoming Events
- Regional Entity Events
- Filings
- Careers at NERC

**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, 2022</b> <b>NEWLY EFFECTIVE</b>	<a href="#">CIP-012-1 – Cyber Security – Communications between Control Centers</a>
	<a href="#">PRC-002-2 – Disturbance Monitoring and Reporting Requirements (100% compliance for Requirements R2–R4, R6–R11)</a>
<b>October 1, 2022</b>	<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>
<b>January 1, 2023</b>	<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>
<b>April 1, 2023</b>	<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>
<b>July 1, 2023</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="#">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-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

There is no additional NERC 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

- GridSecCon 2022 – October 18–19, 2022 | [Register](#)
- 2022 NERC–NATF–EPRI Annual Transmission Planning and Modeling Workshop – November 2–3, 2022 | **Registration Details Coming Soon**

### Webinars

- **NEW** Project 2021-04 – Modifications to PRC-002-3 Webinar – 2:00–3:30 p.m. Eastern, July 6, 2022 | [Register](#)

### Standing Committee Meetings and Conference Calls

- **NEW** Board of Trustees Meeting – 10:00–10:45 a.m. Eastern, July 7, 2022 | [Register](#) | [Agenda Package](#)
- Standards Committee Meeting – 10:00 a.m.–1:00 p.m. Mountain, July 20, 2022, Denver, CO | [Register](#)
- Member Representatives Committee Pre-Meeting Conference Call and Informational Webinar – 3:00–4:00 p.m. Eastern, July 20, 2022 | [Register](#)
- 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](#)
- 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](#)
- Board of Trustees Committees, Member Representatives Committee, and Board of Trustees Meetings – August 17–18, 2022, Vancouver, Canada | [Register](#)

### Standard Drafting Team Meetings

- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, July 5, 2022 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, July 6, 2022 | [Register](#)
- Project 2021-08 – Modifications to FAC-008 SAR Drafting Team Meeting – 1:00–3:00 p.m. Eastern, July 7, 2022 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – 1:00–3:00 p.m. Eastern, July 7, 2022 | [Register](#)
- Project 2021-07 – Extreme Cold Weather Grid Operations, Preparedness, and Coordination Standard Drafting Team Meeting – July 11–14, 2022, Atlanta | [Register](#)
- Project 2019-04 – Modifications to PRC-005 Standard Drafting Team Meeting — 12:30–4:00 p.m. Eastern, July 11, 2022 | [Register](#)
- Project 2021-08 – Modifications to FAC-008 SAR Drafting Team Meeting – 1:00–3:00 p.m. Eastern, July 12, 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](#)

## 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.