## INSIDE THIS EDITION

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## ACTIVE STANDARDS POSTINGS

### Current and Upcoming Ballots (ballot periods close at 8:00 p.m. Eastern)

<table>
<thead>
<tr>
<th>Project</th>
<th>Action</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project 2021-04 – Modifications to PRC-002</td>
<td>Initial Ballots and Non-binding Polls</td>
<td>07/15/22</td>
<td>07/25/22</td>
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### Join Ballot Pools

<table>
<thead>
<tr>
<th>Project</th>
<th>Action</th>
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### Posted for Comment

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<th>Project</th>
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<th>Start Date</th>
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<tbody>
<tr>
<td>Project 2021-04 – Modifications to PRC-002</td>
<td>Comment Period</td>
<td>06/09/22</td>
<td>07/25/22</td>
</tr>
<tr>
<td>Project 2020-03 – Supply Chain Low Impact Revisions</td>
<td>Comment Period</td>
<td>07/06/22</td>
<td>08/19/22</td>
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## OTHER ACTIVE COMMENT PERIODS

**Posted for Comment**

<table>
<thead>
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<th>Posting</th>
<th>Action</th>
<th>Start Date</th>
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<tr>
<td><strong>Comment Period Open for Inverter-Based Resource Performance Subcommittee (IRPS) Approved Draft Reliability Guidelines</strong>: 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. 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.</td>
<td>Submit comments via <a href="mailto:">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></td>
<td>06/21/22</td>
<td>08/05/22</td>
</tr>
<tr>
<td><strong>Comment Period Open for Modifications to Section 1600 Data Request for Generating Availability Data System</strong>: 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:</td>
<td>Submit comments via <a href="mailto:">email</a> by 8:00 p.m. Eastern using the <a href="#">comment form</a>.</td>
<td>06/21/22</td>
<td>08/05/22</td>
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  - Solar (new):  
    - Inventory/configuration, event reporting, and performance data  
    - Inventory/configuration of connected energy storage and performance data  
  - GADS Wind extensions:  
    - Event reporting and connected energy storage  

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- Changes to configuration data to support event reporting
  - Conventional GADS extensions:
    - Unit design data that is comparable to the types of information being collected for wind and solar
    - Contributing Operating Conditions Code

The RSTC reviewed the proposed modifications to the GADS Section 1600 Data Request and authorized a 45-day posting for industry comment.

**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.

Please submit comments via email using the [comment form](#).  

| 06/29/22 | 08/13/22 |
The RSTC reviewed the draft guideline and approved a 45-day posting for industry comment.

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.

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.

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.

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<tr>
<td>06/21/22</td>
<td>08/20/22</td>
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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
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.

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.

<table>
<thead>
<tr>
<th>U.S. Effective Date</th>
<th>Standard(s)</th>
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| 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  
                      PRC-002-3 – Disturbance Monitoring and Reporting Requirements  
                      PRC-026-2 – Relay Performance During Stable Power Swings  
                      TOP-001-6 – Transmission Operations |
**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](#).

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**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](#)

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**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.