

# Standards, Compliance, and Enforcement Bulletin

March 15–21, 2021

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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 2016-02 – Modifications to CIP Standards</a>   Virtualization	<a href="#">Initial Ballots and Non-Binding Polls</a>	03/12/21	03/22/21
<a href="#">Project 2015-09 – Establish and Communicate System Operating Limits</a>   FAC-014-3	<a href="#">Additional Ballot and Non-Binding Polls</a>	03/26/21	04/05/21

### Join Ballot Pools

Project	Action	Start Date	End Date
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### Posted for Comment

Project	Action	Start Date	End Date
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<a href="#">Project 2016-02 – Modifications to CIP Standards</a>   Virtualization	<a href="#">Comment Period</a>	01/22/21	03/22/21
<a href="#">Project 2021-01 – Modifications to MOD-025 and PRC-019</a>   SAR	<a href="#">Comment Period</a>	03/04/21	04/02/21
<a href="#">Project 2015-09 – Establish and Communicate System Operating Limits</a>   FAC-014-3	<a href="#">Comment Period</a>	02/19/21	04/05/21

**OTHER ACTIVE COMMENT PERIODS**

**Posted for Comment**

Posting	Action	Start Date	End Date
<p><b>Comment Period Open for Draft Reliability Guideline: Operating Reserve Management - Version 3:</b> This <a href="#">reliability guideline</a> is intended to provide recommended practices for the management of an appropriate mix of Operating Reserve as well as readiness to respond to loss of load events. It also provides guidance with respect to the management of Operating Reserve required to meet the NERC Reliability Standards. The guideline applies primarily to Balancing Authorities (BAs) or, as appropriate, contingency reserve sharing groups (RSGs), regulation RSGs, or frequency response sharing groups. For ease of reference, this guideline uses the common term “responsible entity” for these entities, and allows the readers to make the appropriate substitution applying to them when participating or not in various groups.</p>	<p>Please submit comments via <a href="#">email</a> using the <a href="#">comment form</a>.</p>	02/01/21	03/18/21
<p><b>Comment Period Open for Draft Balancing and Frequency Control Reference Document:</b> The NERC Resources Subcommittee (RS) drafted this <a href="#">reference document</a> to cover balancing and frequency control concepts, issues, and recommendations. The document is intended to explain the concepts and issues of balancing and frequency control. The goal is to provide an understanding of the fundamentals. Nothing in this document is intended to be used for compliance purposes or to establish obligations.</p>	<p>Please submit comments via <a href="#">email</a> by using the <a href="#">comment form</a>.</p>	02/04/21	03/21/21

<p><b>Comment Period Open for Proposed Revisions to Section 1003 of the NERC Rules of Procedure:</b> NERC is <a href="#">proposing revisions</a> to section 1003 of its Rules of Procedure (ROP) in accordance with the directive in the FERC Order on Compliance Filings related to NERC’s Five Year Performance Assessment. Section 1003 of the ROP describes NERC’s infrastructure security program, including, among other things, its operation of the Electricity Information Sharing and Analysis Center (E-ISAC). Consistent with FERC’s directive, the proposed revision modifies section 1003 to require NERC to share with FERC any All-Points Bulletins. The <a href="#">Clean Text of Proposed Revisions to Rules of Procedure Section 1003</a> and <a href="#">Redlined Text of Proposed Revisions to Rules of Procedure Section 1003</a> are available for review. NERC intends to submit these changes to the NERC Board of Trustees for approval at their May 2021 meeting.</p>	<p>Please submit comments electronically to <a href="mailto:ROPcomments@nerc.net">ROPcomments@nerc.net</a>.</p>	<p>02/05/21</p>	<p>03/22/21</p>
<p><b>Comment Period Open for Draft Reliability Guideline: Area Control Error Diversity Interchange Process – Version 3:</b> The objective of this <a href="#">reliability guideline</a> is to distribute key best practices and information on specific issues critical to maintaining the highest levels of Bulk Electric System (BES) reliability. Reliability guidelines are not to be used to provide binding norms or create parameters by which compliance to standards is monitored or enforced. While the incorporation and use of guideline practices is strictly voluntary, the review, revision, and development of a program using these practices is highly encouraged to promote and achieve the highest levels of reliability for the BES. The NERC Reliability and Security Technical Committee (RSTC) reviewed the initial draft of the Reference Document and approved it to be posted for industry comment.</p>	<p>Please submit comments via <a href="#">email</a> using the <a href="#">comment form</a>.</p>	<p>02/02/21</p>	<p>04/02/21 <b>DATE EXTENDED</b></p>
<p><b>Comment Period Open for WECC Reliability Standards Development Procedure:</b> The proposed <a href="#">Western Electricity Coordinating Council Reliability Standards Development Procedure</a> (WECC RSDP) is</p>	<p>Submit comments using the <a href="#">Standards Balloting and Commenting System (SBS)</a>. An unofficial Word version of the</p>		<p>04/02/21</p>

available for comment. Regional Reliability Standards development procedures, such as the WECC RSDP, define a Regional Entity’s process for development, revision, reaffirmation, and withdrawal of a Regional Reliability Standard.	comment form is posted on the <a href="#">Regional Reliability Standards Under Development</a> page.		
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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](#)
- [2019–2021 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

### Contact Role Functionality Enabled in CORES

The ERO Enterprise has enabled functionality in the Centralized Organization Registration ERO System (CORES) allowing Registered Entities to make changes to their Registered Entity Contact Roles (PCO, PCC, ACC, etc.) directly in CORES. Effective March 8, 2021, Contact Role functionality is available for immediate use. Some release notes are below:

- Contacts are now called Contact Roles.
- Contact Role updates are now activated.
- The number of records in the UI view is increased.
- The fields in the view are organized in a more logical order.
- UI improvements were made for creating Contact Roles.
- A deactivated Contact Role history view was added.

### Quick Links

- [Compliance Monitoring & Enforcement Program One-Stop Shop](#)
- [CIP V5 Transition Program](#)
- [ERO Enterprise Program Alignment Process](#)
- [Consistency Reporting Tool \(EthicsPoint\)](#)
- [Risk-Based Registration Initiative](#)
- [Reliability Standard Audit Worksheets](#)
- [Enforcement & Mitigation: Enforcement Actions](#)
- [Align Project \(formerly CMEP Technology Project\)](#)

- Description links added for updating Profile, Application Requests, and Managing Entity Permissions.

By enabling this additional functionality, CORES will ultimately become the official system of record for registered entities to maintain their contact information. It is essential to keep current and accurate Registered Entity Contact Roles in CORES because the data will be needed in the Align tool. The Align tool will begin a phased release schedule starting on March 31, 2021. The ERO Enterprise will continue to operate in both the legacy systems (CDMS, CDAA, and the SERC Compliance & Committee Portal) and the ERO Portal with CORES until the transition to Align is completed. While there have been substantial checks made to ensure accuracy, it will be up to the registered entities to verify their current Contact Roles and update any new changes to Contact Roles, as needed in both CORES and legacy systems. To assist with updating Contact Roles, please refer to the instructions included in the [CORES User Guide](#) or watch the [CORES training videos](#) for “My Entity” Contacts. If you have any additional questions, please contact your Region or [submit a Help Desk ticket](#).

## OTHER NEWS

### **NEW Save the Date for Human Performance in Electric Power Virtual Sessions**

Please save the date and join us on May 6, 2021 from 1:00–5:00 p.m. Eastern for our Human Performance in Electric Power virtual sessions. This collaboration between the ERO Enterprise, the Human Performance Community of Practice (KnowledgeVine and ResilientGrid), and their mutual partners brings together industry representatives and subject matter experts from across the country to share ideas and transfer knowledge about human performance topics/principles and their application in electric power organizations.

We are planning three additional sessions tentatively scheduled for July 15, October 21, and December 2, 2021 from 1:00–5:00 p.m. Eastern. Pencil those dates into your calendar and plan to join us as we cover a variety of exciting topics by the community’s top subject matter experts. It’s a great opportunity to learn and share ideas! Registration details for each session will be sent out in the next few weeks.

### **NEW Reliability Guidelines Posted**

The NERC Reliability and Security Technical Committee (RSTC) approved two [Reliability Guidelines](#) at their March 2021 meeting:

- [Reliability Guideline: Model Verification of Aggregate DER Models used in Planning Studies](#): Areas across the North American bulk power system (BPS) are experiencing increasing penetration levels of distributed energy resources (DERs). BPS disturbance events analyzed by NERC in 2018 and 2020 have highlighted the impacts that DERs are having on BPS performance. Transmission Planners (TPs) and Planning Coordinators (PCs) are faced with ensuring the planning assessments capture the aggregate behavior of DERs in both their steady-state

and dynamic studies. This guideline provides TPs and PCs with tools and techniques that can be adapted for their specific systems to verify that the aggregate DER models created are a suitable representation of these resources in planning assessments.

- [Reliability Guideline: Performance, Modeling, and Simulations of BPS-Connected Battery Energy Storage Systems and Hybrid Power Plants](#): Transmission interconnection queues across North America are seeing a rapid influx of requests for battery energy storage systems (BESSs) and hybrid power plants, particularly resources combining BESS technology with inverter-based resources such as wind and solar photovoltaic generating components. This guideline provides recommended performance characteristic for BPS-connected BESSs and hybrid plants that all Generator Owners (GOs) and project developers seeking interconnection to the BPS should consider. Transmission Owners (TOs), TPs, and PCs are recommended to improve their interconnection requirements and study processes for these relatively newer technologies. This guideline also covers recommended modeling and study practices that should be considered by TPs and PCs as they perform planning assessments with increasing numbers of BESSs and hybrid power plants during interconnection studies, annual planning assessments, and any specialized studies needed to ensure BPS reliability.

**Robb Testimony from Senate Energy and Natural Resources Hearing**

Jim Robb, president and CEO of NERC, [testified](#) on March 11 at the Senate Energy and Natural Resources committee hearing. The hearing examined the reliability, resiliency, and affordability of electric service in the United States amid the changing energy mix and extreme weather events.

In addition to Robb, other panelists included:

- Mark A. Gabriel, administrator and CEO, Western Area Power Administration
- The Honorable Pat Wood III, CEO, Hunt Energy Network, and former chair, Federal Energy Regulatory Commission
- Michael Shellenberger, founder and president, Environmental Progress
- Manu Asthana, president and CEO, PJM Interconnection

The webcast recording and witness testimonies are available on the [committee’s website](#).

**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)
April 1, 2021	<a href="#">FAC-002-3 – Facility Interconnection Studies</a>

	<a href="#">INT-006-5 – Evaluation of Interchange Transactions</a> <a href="#">INT-009-3 – Implementation of Interchange</a>
	<a href="#">IRO-002-7 – Reliability Coordination – Monitoring and Analysis</a> <a href="#">IRO-010-3 – Reliability Coordinator Data Specification and Collection</a>
	<a href="#">MOD-031-3 – Demand and Energy Data</a> <a href="#">MOD-033-2 – Steady-State and Dynamic System Model Validation</a>
	<a href="#">NUC-001-4 – Nuclear Plant Interface Coordination</a>
	<a href="#">PER-006-1 – Specific Training for Personnel</a>
	<a href="#">PRC-004-6 – Protection System Misoperation Identification and Correction</a> <a href="#">PRC-006-5 – Automatic Underfrequency Load Shedding</a> <a href="#">PRC-027-1 – Coordination of Protection Systems for Performance During Faults</a>
	<a href="#">TOP-001-5 – Transmission Operations</a> <a href="#">TOP-003-4 – Operational Reliability Data</a>
<b>July 1, 2021</b>	<a href="#">TPL-007-4 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R12 and R13)</a>
<b>January 1, 2022</b>	<a href="#">PRC-012-2 – Remedial Action Schemes (Requirement R9)</a> <a href="#">TPL-007-4 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R6, 6.1–6.4, R10, 10.1–10.4)</a>
<b>July 1, 2022</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="#">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>July 1, 2023</b>	<a href="#">TPL-001-5.1 – Transmission System Planning Performance Requirements   Implementation Plan</a>
<b>January 1, 2024</b>	<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>

## BOARD OF TRUSTEES AND FERC ACTION

### **NEW Second Quarter Board of Trustees, Board Committees, and Member Representatives Committee Meetings Announced**

In response to ongoing COVID-19 developments, many utilities and organizations' travel restrictions are still in place to protect the health of their workforce. Based on this, NERC's Board of Trustees and the Member Representatives Committee leadership decided to convert all NERC 2021 Second Quarter meetings to teleconference/WebEx. Teleconference/WebEx information will be included in the agenda packages due to be posted on or about April 29. Meeting times take into consideration and accommodate West Coast participants. The revised schedule is structured as follows:

- Board of Trustees Committees meetings will occur on Wednesday, May 12.
- The Member Representatives Committee and Board of Trustees meetings will occur on Thursday, May 13.

[Meeting Registration](#) | [Schedule of Events](#)

### **NEW FERC Open Meeting Agenda Posted**

FERC released the [Sunshine Agenda](#) for its upcoming March 18, 2021 open meeting. There are two items directly related to NERC's responsibilities under section 215 of the Federal Power Act:

- E- 17 – RD21-2-000: North American Electric Reliability Corporation
- E-18 – EL21-13-000: Californians for Green Nuclear Power, Inc. v. The North American Electric Reliability Corporation, the Western Electricity Coordinating Council, the California Independent System Operator, the California Public Utilities Commission, the California State Water Resources Control Board, and the California State Lands Commission

Additionally, the following two items may be of interest to NERC:

- E-1 – RM18-9-002: Participation of Distributed Energy Resource Aggregations in Markets Operated by Regional Transmission Organizations and Independent System Operators
- E-2 – RM21-14-000: Participation of Aggregators of Retail Demand Response Customers in Markets Operated by Regional Transmission Organizations and Independent System Operators

## 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

- **SAVE THE DATE** Human Performance in Electric Power Virtual Session – 1:00–5:00 p.m. Eastern, May 6, 2021 | **Registration Coming Soon**

### Webinars

- NATF–NERC Pandemic Planning and Response Activities Webinar – 9:00–11:00 a.m. Eastern, March 17, 2021 | [Register](#) | [Agenda](#)
- **INDUSTRY WEBINAR** DOE Wildfire Mitigation Webinar Series: Sensing & Detection | Fire Testing Capabilities – 2:00–4:00 p.m. Eastern, April 8, 2021 | [Register](#)
- **INDUSTRY WEBINAR** DOE Wildfire Mitigation Webinar Series: Situational Awareness – 2:00–4:00 p.m. Eastern, April 15, 2021 | [Register](#)
- **INDUSTRY WEBINAR** DOE Wildfire Mitigation Webinar Series: Modeling & Analytical Tools – 2:00–4:00 p.m. Eastern, April 22, 2021 | [Register](#)
- **INDUSTRY WEBINAR** DOE Wildfire Mitigation Webinar Series: Modeling & Analytical Tools | Post Fire Analysis – 2:00–4:00 p.m. Eastern, April 29, 2021 | [Register](#)

### Standing Committee Meetings and Conference Calls

- Compliance and Certification Committee (CCC) Meetings – March 17–18, 2021 | [Day 1 Registration](#) | [Day 2 Registration](#) | **NEW** [Agenda Package](#)
- Standards Committee Meeting – 1:00–3:00 p.m. Eastern, March 17, 2021 | [Register](#) | **NEW** [Agenda](#)
- **NEW** Member Representatives Committee Pre-Meeting Conference Call and Informational Webinar – 11:00–12:00 p.m. Eastern, April 14, 2021 | [Register](#)
- **NEW** Board of Trustees, Board Committees, and Member Representatives Committee Meetings – May 12–13, 2021 | [Register](#) | [Schedule of Events](#)

### Standard Drafting Team Meetings and Conference Calls

- Project 2020-03 – Supply Chain Low Impact Revisions Drafting Team Conference Call – 1:00–3:00 p.m. Eastern, March 15, 2021 | [Register](#)
- Project 2020-03 – Supply Chain Low Impact Revisions Drafting Team Conference Call – 1:00–3:00 p.m. Eastern, March 19, 2021 | [Register](#)
- **NEW** Project 2019-04 – Modifications to PRC-005-6 Drafting Team Conference Call – 1:30–4:30 p.m. Eastern, March 22, 2021 | [Register](#)

- Project 2020-03 – Supply Chain Low Impact Revisions Drafting Team Conference Call – 1:00–3:00 p.m. Eastern, March 23, 2021 | [Register](#)
- Project 2020-03 – Supply Chain Low Impact Revisions Drafting Team Conference Call – 1:00–3:00 p.m. Eastern, March 24, 2021 | [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](#).

If you would like to receive this bulletin or be added to the distribution list for a particular project, please submit a ticket through the [Help Desk](#). Select 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 or note which announcements you would like to receive. This bulletin is distributed to several lists, including the Standards distro list (Standards-specific announcements) and the NERC-info distro list (most NERC announcements).