

Standards, Compliance, and Enforcement Bulletin

August 16–22, 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
Project 2016-02 – Modifications to CIP Standards Virtualization - Draft 2	Additional Ballots and Non-Binding Polls	08/23/21	09/01/21

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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Project 2019-04 – Modifications to PRC-005-6 Standard Authorization Request	Comment Period	07/27/21	08/25/21
Draft 2022–2024 Reliability Standards Development Plan	Comment Period	07/30/21	08/30/21
Project 2016-02 – Modifications to CIP Standards Virtualization - Draft 2	Comment Period	06/30/21	09/01/21

OTHER ACTIVE COMMENT PERIODS

Posted for Comment

Posting	Action	Start Date	End Date
<p>Comment Period Open for Draft Reliability Guideline: NERC’s Reliability and Security Technical Committee (RSTC) has requested the System Planning Impacts from Distributed Energy Resources (SPIDER) Working Group to “provide guidance on impacts that higher penetration of DER may have on system restoration, UVLS, and UFLS, and potential solutions or recommended practices to overcome any identified issues.” The Recommended Approaches for UFLS Program Design with Increasing Penetrations of DERs Draft Reliability Guideline provides guidance on impacts that a higher penetration of DER may have on underfrequency load shedding (UFLS) programs, as well as recommended practices to overcome identified issues. The first section discusses the background and importance of UFLS to bulk power system reliability, as determined by FERC in Order No. 763. The second section discusses impacts of DER to electrical island-level frequency, which UFLS programs are designed to support. The third section discusses impacts of DER to UFLS program design. The fourth section concludes with recommendations. The RSTC reviewed the guideline and approved a 45-day posting for industry comment.</p>	<p>Please submit comments via email by 5:00 p.m. Eastern using the comment form.</p>	07/12/21	08/26/21

STANDARDS NEWS

REMINDER 2021 Registered Ballot Body Self-Select Attestation Process Deadline Approaching

NERC Standards staff initiated the 2021 Annual Registered Ballot Body (RBB) Self-Select Process on June 7, 2021.

Each year, all RBB voting members are required to confirm that there have been no material changes in the last 12 months that affect the entity's current Segment selection(s), thus the entity continues to meet the Segment qualifications as outlined in the NERC Rules of Procedure, [Appendix 3D: RBB Criteria](#).

RBB members should log into the [Standards Balloting and Commenting System \(SBS\)](#) first, remain logged in, and click the [link](#) (or copy and paste <https://sbs.nerc.net/Attestation/SubmitAttestation/4> into another web browser window) to open the attestation page.

Proxy Voters are not required to submit an attestation.

NERC must receive a response for all segments represented in the RBB by the scheduled close date of **August 16, 2021**. Entities with segment(s) not attested for will be removed from the SBS. Anyone removed (un-vetted) can re-apply at any time. For more information or assistance, contact [Wendy Muller](#).

NEW Nomination Period Extended for Project 2021-06 – Modifications to IRO-010 and TOP-003

NERC is seeking additional nominations for Project 2021-06 – Modifications to IRO-010 and TOP-003 drafting team members through 8 p.m. Eastern, Monday, **August 16, 2021**.

The time commitment for this project is expected to be one meeting per quarter (on average two and a half full working days each meeting) with calls scheduled as needed to meet the agreed-upon timeline the review or drafting team sets forth. Team members may also have side projects, either individually or by subgroup, to present to the larger team for discussion and review. Lastly, an important component of the review and drafting team effort is outreach. Members of the team will be expected to conduct industry outreach during the development

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](#)

process to support a successful project outcome. NERC is seeking individuals who have subject matter expertise with methods of data entry and data exchange processes. Previous drafting or review team experience is beneficial, but not required.

Use the [electronic form](#) to submit a nomination and contact [Wendy Muller](#) regarding issues with the system. An unofficial Word version of the nomination form is posted on the [Standard Drafting Team Vacancies](#) page and the [project page](#). The Standards Committee is expected to appoint members to the drafting team in September 2021. Nominees will be notified shortly after they have been appointed.

NEW Nomination Period Open for Standards Committee Special Election – Segment 9

Standards Committee (SC) Chair, Amy Casuscelli, notified NERC that the Segment 9, Federal, State, and Provincial Regulatory or other Government Entities, currently has a vacancy for the remainder of the 2020–2021 term. Nominations are being accepted through **September 6, 2021** in preparation for a special election for Segment 9.

RBB members and others interested in NERC Reliability Standards are encouraged to submit nominations for industry segment representatives on the SC. Reliability Standards are mandatory for all bulk power system owners, operators, and users in North America, and the SC's oversight role is therefore increasingly important. The SC consists of two members from each of the ten Industry Segments that make up the RBB. In addition, Appendix 3B of the Rules of Procedure contains special provisions to be used to achieve a balance of representation between the United States and Canada. The SC is elected by industry stakeholders and reports directly to the NERC Board of Trustees. The SC meets up to twelve times each year with meetings usually being held virtually. The [Standards Committee Charter](#) provides a description of the SC's responsibilities.

Anyone may submit a nomination. To be eligible for nomination, a nominee shall be an employee or agent of an entity belonging in the applicable Segment. **To allow verification of affiliation, a nominee must be a registered user in the NERC RBB.** It is not required that the nominee be the same person as the entity's RBB representative for the applicable Segment. Instructions are provided in the [Election of Members of the NERC Standards Committee Procedure](#) and nomination forms are posted on the [Standards Committee Election web page](#). To submit a nomination, complete the attached nomination form and submit to [Katrina Blackley](#) no later than **September 6, 2021**. Once received, nominations will be posted on the SC's Nominations and Election web page.

The special election will be conducted **September 14–23, 2021**. Election results will be announced shortly after the election closes.

GENERAL COMPLIANCE AND ENFORCEMENT NEWS

NEW Implementation Guidance Updates

Proposed Implementation Guidance – There is one new proposed Implementation Guidance document posted to the Proposed Implementation Guidance section of the [NERC Compliance Guidance web page](#). The new document is titled:

- EOP-011-2 Emergency Operations and Preparedness (2019-06 SDT)

ERO Enterprise Non-Endorsed Implementation Guidance – This tracking spreadsheet has been updated to include the following:

- CIP-004-6 and CIP-011-2 Cloud Solutions and Encrypting BCSI (NERC RSTC)
- CIP-007-6 R1 Software Defined Networking: Logical Network Accessible Ports (EnergySec)

Additionally, a “General Guidance” section has been added to the NERC Compliance Guidance web page. This section houses compliance related guidance documents that do not meet the criteria for “Compliance Guidance” as established in the [NERC Compliance Guidance Policy](#); such as compliance lessons learned, white papers, and Frequently Asked Question (FAQ) documents.

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 \(formerly CMEP Technology Project\)](#)

OTHER NEWS

NEW Four Interdependent Risks to BPS Reliability Identified in Reliability Risk Priorities Report

NERC’s [2021 ERO Reliability Risk Priorities Report](#), a forward-looking view of imminent and projected risks to bulk power system (BPS) reliability, has identified four significant evolving and interdependent risks. The most significant, grid transformation, has broad implications as it can be a catalyst for additional changes, often amplifying the impact on reliability, resilience and security. The report also examines in detail the three additional risks: security; increased vulnerability due to extreme events — most recently related to weather and the pandemic; and critical infrastructure interdependencies, such as the ability to deliver natural gas to generating units supporting reliability, resilience and security of the BPS. The full announcement is available [here](#).

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, 2021	FAC-008-5 – Facility Ratings
January 1, 2022	PRC-012-2 – Remedial Action Schemes (Requirement R9) TPL-007-4 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R6, 6.1–6.4, R10, 10.1–10.4)
July 1, 2022	CIP-012-1 – Cyber Security – Communications between Control Centers PRC-002-2 – Disturbance Monitoring and Reporting Requirements (100% compliance for Requirements R2–R4, R6–R11)
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)
July 1, 2023	TPL-001-5.1 – Transmission System Planning Performance Requirements Implementation Plan
January 1, 2024	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)

BOARD OF TRUSTEES AND FERC ACTION

NEW Board Approves 2022 Budgets, Accepts State of Reliability and RISC Reports

NERC's Board of Trustees concluded its quarterly meeting, featuring the approval of 2022 budgets, acceptance of the *2021 State of Reliability* and the *2021 ERO Reliability Risk Priorities Report*, review of winter preparedness, updates on standards projects, and a strategic discussion with Canadian utility regulators. This was the fifth Board meeting held virtually due to the ongoing pandemic. Jim Robb, NERC's president and chief executive officer (CEO), noted that the pandemic has forced NERC and its stakeholders to find different ways to work, collaborate, and stay connected, while still remaining keenly focused on the reliability and security of the North American grid.

"The Northeast blackout on August 14, 2003, was the catalyst for the modern day reliability regime in North America, which serves nearly 400 million people effectively and efficiently," Robb said. "Now, 18 years later, resilience against the pandemic is yet another challenge along with the rapidly evolving resource mix and rising security risks. Throughout this meeting, you will hear the vital activities NERC and industry are undertaking to assure a reliable and resilient grid across North America." The full announcement is available [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

- 2021 Probabilistic Analysis Forum – October 5–7, 2021 | **Registration Details Coming Soon**
- GridSecCon 2021 – October 19–20, 2021 | [Register](#)

Webinars

- **NEW** Joint Compliance and Certification Committee (CCC)/ERO Enterprise Webinar on Supply Chain – 12:00–1:30 p.m. Eastern, August 27, 2021 | [Register](#)
- **NEW** CMEP Practice Guide Application of the BES Definition to BESS and Hybrid Resources Webinar – 11:00 a.m.–12:00 p.m. Eastern, September 2, 2021 | [Register](#)
- **NEW** Winter Preparation for Severe Cold Weather Webinar – 1:30–4:00 p.m. Eastern, September 2, 2021 | [Register](#)
- [Distributed Energy Resource Modeling Capabilities in Simulation Tools](#) Webinar – 2:00–4:00 p.m. Eastern, October 28, 2021 | [Register](#)

Standing Committee Meetings and Conference Calls

- **NEW** Standards Committee Meeting – 10:00 a.m.–3:00 p.m. Mountain, September 23, 2021 | **Location TBD**

Standard Drafting Team Meetings and Conference Calls

- **NEW** Project 2021-03 – CIP-002 Transmission Owner Control Centers (TOCC) Standard Drafting Team Conference Call – 1:00–3:00 p.m. Eastern, August 19, 2021 | [Register](#)
- **NEW** Project 2019-04 – Modifications to PRC-005-6 Drafting Team Conference Call – 10:30 a.m.–1:00 p.m. Eastern, August 27, 2021 | [Register](#)
- **NEW** Project 2019-04 – Modifications to PRC-005-6 Drafting Team Conference Call – 10:30 a.m.–1:00 p.m. Eastern, August 31, 2021 | [Register](#)
- **NEW** Project 2021-02 – Modifications to VAR-002 Drafting Team Conference Call – 1:30–3:00 p.m. Eastern, September 1, 2021 | [Register](#)

Regional Entity and Industry Events

- SERC–ReliabilityFirst Cold Weather Preparedness Joint Webinar – 9:00 a.m.–12:00 p.m. Eastern, August 24, 2021 | [Register](#)
- MRO 2021 Reliability Conference – 9:00 a.m.–3:30 p.m. Central, August 24, 2021 | [Register](#)
- ReliabilityFirst [Internal Controls Webinar: Culture](#) – 1:00–4:30 p.m. Eastern, August 25, 2021 | [Register](#)
- ReliabilityFirst Annual Reliability and Compliance Virtual Workshop – September 22–23, 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 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.