

Standards, Compliance, and Enforcement Bulletin

September 16–22, 2019

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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
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Project	Action	Start Date	End Date
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Posted for Comment			
Project	Action	Start Date	End Date
Project 2016-02 – Modifications to CIP Standards Virtualization Updates for CIP-005 and Associated Definitions	Comment Period	08/09/19	09/26/19

OTHER ACTIVE COMMENT PERIODS

Posted for Comment			
Posting	Action	Start Date	End Date
<p>Comment Period Open for Electromagnetic Pulses Task Force Strategic Recommendations Report: Protecting the bulk power system and assuring the effective reduction of risks to reliability are integral pieces of the Electric Reliability Organization mission. NERC has launched efforts to identify reliability concerns associated with electromagnetic pulses (EMPs) and potential methods for promoting resilience. A task force was created in April 2019 to first identify key issues and scope areas of improvement for the industry. EMP events may pose a risk to the reliability of the bulk power system. In order to better understand and address these potential risks, the EMP Task Force has formulated a catalogue of strategic recommendations and policy matters and is seeking industry comment on the draft strategic report. Contact Wendy Muller regarding issues with the electronic form. An unofficial Word version of the comment form and additional information can be found on the EMP Task Force page.</p>	<p>Use the electronic form to submit comments.</p>	08/30/19	09/30/19
<p>NEW Comment Period Open for Revised ERO Enterprise Long-Term Strategy: The <i>ERO Enterprise Long-Term Strategy</i>, last approved by the NERC Board of Trustees on November 9, 2017, consists of strategic focus areas that are reviewed on a periodic basis to identify any needed adjustments. ERO Enterprise leadership has recently reviewed and revised the long-term strategy as part of an effort to streamline the ERO Enterprise’s strategic and operational documents and ensure alignment with the Reliability Issues Steering Committee’s currently</p>	<p>Submit all comments by email to Erika Chanzas.</p>	09/10/19	10/01/19

<p>identified risks to the bulk power system. The revised draft is now available for stakeholder review and comment on NERC’s website.</p>			
<p>NEW Comment Period Open for First Draft of the ERO Reliability Risk Priorities Report: The Reliability Issues Steering Committee (RISC) is an advisory committee to the NERC Board of Trustees (Board) that provides key insights, priorities, and high-level leadership for issues of strategic importance to bulk power system reliability. The RISC develops the <i>ERO Reliability Risk Priorities Report</i> to present the results of its continued work to strategically define and prioritize risks to the reliable operation of the bulk power system and thereby provide recommendations to the Board regarding the approach that NERC and the ERO Enterprise should take to enhance reliability and manage those risks.</p> <p>The first draft of the report is posted on NERC’s website for stakeholder comment. Nelson Peeler, chair of the RISC, will present the final report, taking stakeholder comments into consideration, at the November 5, 2019 Board of Trustees meeting.</p>	<p>Submit all comments by email to Tina Buzzard.</p>	<p>09/13/19</p>	<p>10/04/19</p>

STANDARDS NEWS

Supply Chain Risk Assessment Data Request

In 2017, NERC developed new and revised critical infrastructure protection (CIP) Reliability Standards to help mitigate cyber security risks associated with the supply chain for high- and medium-impact Bulk Electric System (BES) Cyber Systems. These standards, collectively referred to as Supply Chain Standards, consist of new Reliability Standard CIP-013-1 and revised Reliability Standards CIP-010-3 and CIP-005-6. When adopting the Supply Chain Standards in August 2017, the NERC Board directed NERC to undertake further action on supply chain issues. Among other things, the Board directed NERC to study the nature and complexity of cyber

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](#)

security supply chain risks, including those associated with low-impact assets not currently subject to the Supply Chain Standards, and develop recommendations for follow-up actions that will best address identified risks.

In its final report accepted by the NERC Board in May 2019, NERC documented the results of the evaluation of supply chain risks associated with certain categories of assets not currently subject to the Supply Chain Standards and recommended actions to address those risks. NERC staff recommended further study to determine whether new information supports modifying the standards to include low-impact BES Cyber Systems with external routable connectivity by issuing a Request for Data or Information pursuant to Section 1600 of the NERC Rules of Procedure. NERC staff worked with the Critical Infrastructure Protection Committee (CIPC) Supply Chain Working Group (SCWG) to develop the questions in this data request.

Use the [electronic form](#) to submit [NERC Rules of Procedure Section 1600 Data Request for Supply Chain Risk Assessment](#) data by **October 3, 2019**. Contact [Wendy Muller](#) regarding issues accessing or using the electronic form.

GENERAL COMPLIANCE AND ENFORCEMENT NEWS

There is no additional Compliance and Enforcement news to report for this week.

Quick Links

[Risk-Based CMEP](#)
[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 Reliability Guidelines Posted

At their September 2019 meetings, the NERC Planning Committee (PC) and Operating Committee (OC) approved two [Reliability Guidelines](#), which were developed by the [NERC SPIDERWG](#) and [NERC IRPTF](#), respectively.

- [Reliability Guideline: Parameterization of the DER_A Model](#): This guideline provides guidance on parameterizing the DER_A dynamic model for representing aggregate or stand-alone inverter-based distributed energy resources in planning assessments.

- [Reliability Guideline: Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources](#): This guideline provides recommended improvements to interconnection requirements developed per NERC Reliability Standard FAC-001-3 and interconnection studies per NERC Reliability Standard FAC-002-2, to ensure clarity and consistency for inverter-based resources.

NEW Events Added for GridSecCon

As a reminder, [GridSecCon 2019 registration](#) is open! Please take a look at some of the key events happening October 22–25 in Atlanta, GA:

October 22: Training opportunities

- Half-day and all-day sessions offered
- Continuing Professional Education credits available!

October 23: Women's Networking Breakfast

- Bringing together women in the electricity industry for a morning of engaged discussion and networking before conference programming. All GridSecCon participants are welcome.
- Featured speakers include NERC Board of Trustees members Suzanne Keenan and Colleen Sidford

October 25: Tours

- Tour Option #1: Secureworks® Tour
 - Secureworks® protects organizations in a digitally connected world. We offer a cyber-defense that is Collectively Smarter. Exponentially Safer.™
 - **Logistical Notes:** Bus transportation will be provided. Participants may leave directly from the tour location if needed; however, all participants must travel to the tour in the provided transportation. No lunch will be provided; please plan accordingly.
- Tour Option #2: Mercedes-Benz Stadium Tour
 - Mercedes-Benz Stadium, located in the heart of Atlanta, creates an architectural landmark for the city. The stadium hosts NFL games, MLS matches, and world-class events such as the Super Bowl, FIFA World Cup matches, and major concerts and performances.
 - **Logistical Notes:** A 30-minute pre-brief will take place at the Westin. Participants may depart from the tour location. All participants must travel to the tour by the transportation provided. No lunch will be provided; please plan accordingly. No firearms of any kind will be permitted.

GridSecCon 2019 is brought to you by NERC's Electricity Information Sharing and Analysis Center and the SERC Reliability Corporation. The conference will bring together cyber and physical security experts from industry and government to share emerging security trends, policy advancements, and lessons learned related to the electricity industry.

The conference objectives include:

- Promoting reliability of the bulk power system through training and education;
- Delivering cutting-edge discussions on critical infrastructure security threats, vulnerabilities, and lessons learned from senior industry and government leaders; and
- Informing industry with security best-practice discussions on reliability concerns, risk mitigation, and cyber and physical security threat awareness.

Please contact the [Events team](#) with any questions.

NEW Electricity, Oil, and Natural Gas ISACs Form Partnership to Strengthen Cyber, Physical Security Collaboration

The E-ISAC and the Oil and Natural Gas Information Sharing and Analysis Center (ONG-ISAC) announced an agreement to improve information sharing between the organizations and their members to enhance the cyber security of North America.

Through a variety of tools, both the E-ISAC and the ONG-ISAC analyze potential physical and cyber security threats and, using their respective secure platforms, alert and advise members about mitigating threats. The goals of the E-ISAC and ONG-ISAC under the partnership include:

- Improving security collaboration on common threat information and incident response.
- Providing joint analysis of security concerns and events.
- Advancing effective processes for information sharing and situational awareness.
- Enhancing information sharing among all ISACs.

For the full announcement, click [here](#).

NEW Nomination Period Opens for Member Representatives Committee Annual Election

In accordance with Article VIII, Section 3, of the NERC Bylaws, NERC is holding its annual nomination and election to replace the [Member Representatives Committee \(MRC\)](#) sector members whose terms expire in February 2020. The annual sector election will fill the one open seat of each of the twelve sectors of the MRC. The newly elected representatives' terms will expire in February 2022.

Please review the [Steps for Nominating and Electing Members to the Member Representatives Committee](#) during your sectors' election. Also, to be eligible for nomination for election as a sector representative, the nominee's organization must be registered as a member of NERC from that sector.

Timeline:

September 9 – nomination period opens

November 8 – nomination period closes

December 9 – election period opens

December 19 – election period closes

Send the [completed nomination form](#) to MRC_Election@nerc.net as an attachment, and please save a copy of your nomination form for your records.

NEW Officer Nomination Period Opens for Reliability and Security Committee

The Stakeholder Engagement Team (SET) is seeking nominations to fulfill officer positions for the [proposed Reliability and Security Committee \(RSC\)](#). The period for [nominating candidates](#) for the RSC chair and vice chair began September 9, 2019 and runs through September 23, 2019.

The SET will present its recommended candidates for RSC chair and vice chair to the NERC Board for their approval at the November 5, 2019 meeting. If approved by the Board, the RSC chair and vice chair will serve two-year terms. If you have any questions about the RSC officer nomination process, please send an email [Stephen Crutchfield](#).

STANDARDS SUBJECT TO FUTURE ENFORCEMENT

Please refer to the [U.S. Effective Dates page](#) for more detail on the standards listed below.

U.S. Effective Dates for Reliability Standards	
U.S. Effective Date	Standard(s)
October 1, 2019	IRO-006-WECC-3 – Qualified Path Unscheduled Flow (USF) Relief
January 1, 2020	CIP-003-7 – Cyber Security – Security Management Controls
	IRO-002-6 – Reliability Coordination – Monitoring and Analysis
	PRC-026-1 – Relay Performance During Stable Power Swings (Requirements R2–R4)
	TPL-007-3 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R5, 5.1, 5.2, R9, 9.1, and 9.2)
July 1, 2020	CIP-005-6 – Cyber Security – Electronic Security Perimeter(s)
	CIP-010-3 – Cyber Security – Configuration Change Management and Vulnerability Assessments
	CIP-013-1 – Cyber Security – Supply Chain Risk Management
	PRC-002-2 – Disturbance Monitoring and Reporting Requirements (50% compliance for Requirements R2–R4, R6–R11)
October 1, 2020	PER-006-1 – Specific Training for Personnel
	PRC-027-1 – Coordination of Protection Systems for Performance During Faults
January 1, 2021	CIP-008-6 – Cyber Security – Incident Reporting and Response Planning
	PRC-012-2 – Remedial Action Schemes
April 1, 2020	CIP-003-8 – Cyber Security – Security Management Controls
July 1, 2021	TPL-007-3 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R11 and R12)
January 1, 2022	TPL-007-3 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R6, 6.1–6.4, R10, 10.1–10.4)
July 1, 2022	PRC-002-2 – Disturbance Monitoring and Reporting Requirements (100% compliance for Requirements R2–R4, R6–R11)
January 1, 2023	TPL-007-3 – 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, 8.3, 8.4, and 8.4.1)

January 1, 2024	TPL-007-3 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements R7, 7.1, 7.2, 7.3, 7.3.1–7.3.2, 7.4, 7.4.1–7.4.3, 7.5, and 7.5.1.)
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BOARD OF TRUSTEES AND FERC ACTION

NEW Reminder Regarding Changes to November Quarterly Meetings

As noted at the August 14 Member Representatives Committee Meeting, the format for the 2019 Fourth Quarter meetings has been adjusted. All Board Committee meetings will be conducted as conference calls in advance of the onsite meetings. Finance and Audit and Corporate Governance will be held on October 31 while Compliance and Technology and Security will be held on November 1. Meeting times are noted on NERC's [event calendar](#).

The November 5 onsite meeting schedule is as follows:

Lunch: Available starting at 11:30 a.m.

Member Representatives Committee Meeting: 1:00–4:00 p.m.

Board of Trustees Open Meeting: 4:15–5:15 p.m.

Reception: 5:30–7:00 p.m.

There are no open meetings on November 6.

The schedule of events and meeting agenda packages for the November 5 meetings will be posted on or about October 23. Please note the schedule may be adjusted in real time should meetings conclude early and/or extend past their scheduled end times.

NEW FERC Open Meeting Agenda Posted

FERC has posted the [agenda](#) for the September 19, 2019 open meeting. There are no items of interest to NERC on the FERC agenda for next week's open meeting.

UPCOMING EVENTS

For information about other NERC events, such as meetings and conference calls for standard drafting teams, other standing committees, subcommittees, task forces, and working groups, please refer to the [NERC calendar](#).

Workshops and Conferences

- Monitoring and Situational Awareness Technical Conference – September 24–25, 2019, Little Rock, AR | [Register](#) | [Hotel and Travel Information](#) | [Presentations from Previous Conferences](#)
- GridSecCon 2019 – October 22–25, 2019, Atlanta | [Register](#)
- **SAVE THE DATE** Probabilistic Analysis Forum – December 11–13, 2019, Atlanta | **Registration Coming Soon**

Webinars

- Improvements to Compliance and Enforcement Pages on NERC.com – 2:00–2:30 p.m. Eastern, October 8, 2019 | [Register](#)
- Improvements to Compliance and Enforcement Pages on NERC.com – 3:00–3:30 p.m. Eastern, November 14, 2019 | [Register](#)
- Improvements to Compliance and Enforcement Pages on NERC.com – 2:00–2:30 p.m. Eastern, December 9, 2019 | [Register](#)

Standing Committee Meetings and Conference Calls

- Critical Infrastructure Protection Committee Meeting – September 17–18, 2019, Minneapolis, MN | [Register](#) | [Agenda](#)
- Standards Committee Process Subcommittee, Project Management and Oversight Subcommittee, and Standards Committee Meetings – September 17–18, 2019, Kansas City, MO | [Register](#)
- Compliance and Certification Committee and Subcommittees Meetings – September 17–18, 2019, Kansas City, MO | [Register](#)
- Standards Committee Meeting – 10:00 a.m.–3:00 p.m. Eastern, September 18, 2019 | [Register](#)

Standard Drafting Team Meetings and Conference Calls

The [Standards calendar](#) provides dial-in information for the in-person meetings below. The calendar also provides information about conference calls that drafting teams may hold in addition to in-person meetings.

- Project 2016-02 – Modifications to CIP Standards Drafting Team Meeting – September 24–26, 2019, New York, NY | [Register](#)
- Project 2019-01 – Modifications to TPL-007-3 Drafting Team Meeting – September 24–26, 2019, Washington, D.C. | [Register](#)
- **NEW** Project 2017-01 – Modifications to BAL-003-1.1 Drafting Team Meeting – October 8–10, 2019, Golden, CO | [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](#).

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).