

Standards, Compliance, and Enforcement Bulletin

July 8–14, 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
Project 2016-02 – Modifications to CIP Standards CIP-002-6	Additional Ballot and Non-binding Poll	07/08/19	07/17/19

Project	Action	Start Date	End Date

Posted for Comment

Project	Action	Start Date	End Date
Project 2016-02 – Modifications to CIP Standards CIP-002-6	Comment Period	06/03/19	07/17/19
Project – 2018-04 Modifications to PRC-024-2 Supplemental SAR	Comment Period	06/27/19	07/26/19

NEW Project 2019-03 – Cyber Security Supply Chain Risks	Comment Period	07/02/19	08/01/19
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OTHER ACTIVE COMMENT PERIODS

Posted for Comment			
Posting	Action	Start Date	End Date
<p>NEW Supply Chain Risk Assessment Data Request: A public comment period is open through July 22, 2019 for the proposed NERC Rules of Procedure Section 1600 Data Request for Supply Chain Risk Assessment. 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 of Trustees (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 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.</p> <p>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</p>	<p>Use the electronic form to submit feedback. If you experience issues using the system, contact Wendy Muller.</p>	07/02/19	07/22/19

<p>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.</p> <p>Given that this is a request for data or information that must be obtained in order to evaluate a threat to the reliability or security of the bulk power system, NERC is issuing this request for data or information in accordance with the expedited timing provisions of Section 1606 of the NERC Rules of Procedure.</p>			
<p>Comment Period Open for Draft Reliability Guideline: Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources: The NERC Inverter-Based Resource Performance Task Force (IRPTF) developed the draft Reliability Guideline: Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources. This guideline serves as a resource for TOs to consider as they continually develop and enhance interconnection requirements per FAC-001-3 and interconnection study requirements per FAC-002-2. The recommendations provided in this guideline are also applicable to Generator Owners, Transmission Planners, Planning Coordinators, Reliability Coordinators, Transmission Operators, and Balancing Authorities. Considerations for distributed energy resources (DERs) are outside the scope of this guideline.</p> <p>The NERC Planning Committee and NERC Operating Committee reviewed the initial draft of the guideline and approved it to be posted for industry comment.</p>	<p>Submit comments via email using the comment form.</p>	<p>06/07/19</p>	<p>07/24/19</p>

<p>Comment Period Open for Version 4.0 of the Draft ERO Event Analysis Process and Appendices: In an effort to continually improve the ERO Event Analysis Process and Appendices (EAP) the NERC Event Analysis Subcommittee (EAS) periodically reviews the EAP for any required revisions and edits. The NERC Operating Committee (OC) approved to post these documents for a 45 day industry comment period to gather feedback from industry.</p> <p>The EAS has completed the review of the EAP and is proposing changes to the definitions of category's 1ai, 1d, 1i, 1j, 2c, 3a, 4a and other general updates to help improve the EAP. These proposed changes are based on knowledge that the EAS has gained throughout the implementation of the process and industry participation and feedback to the ERO Event Analysis Process and Appendices.</p> <p>ERO Event Analysis Process Document – Version 4.0 Click here for: Redline Version Clean Version</p> <p>ERO Event Analysis Process Document – Appendices – Version 4.0 Click here for: Redline Version Clean Version</p>	<p>Submit comments via email using the comment form.</p>	<p>06/10/19</p>	<p>07/25/19</p>
<p>Comment Period Open for Regional Reliability Standard BAL-002-WECC-3: WECC received a Standard Authorization Request requesting retirement of BAL-002-WECC-2a, Requirement R2 as it would become redundant with the implementation of BAL-003-1.1., Requirement R1 on April 1, 2016. WECC conducted a field test and concluded that the retirement of BAL-002-WECC-2a, Requirement R2 would not have an adverse impact on reliability. Therefore, WECC proposes to retire Requirement R2 in WECC Regional Reliability Standard BAL-002-WECC-3.</p>	<p>Use the SBS to submit comments. If you experience any difficulties using the electronic form, contact Nasheema Santos.</p>	<p>06/20/19</p>	<p>08/05/19</p>
<p>Comment Period Open for Parameterization of the DER_A Model Draft Reliability Guideline: The NERC System Planning Impacts from</p>	<p>Submit comments via email using the comment form.</p>	<p>06/24/19</p>	<p>08/07/19</p>

<p>Distributed Energy Resources Working Group (SPIDERWG) developed the draft Reliability Guideline: Parametrization of the DER A Model. This reliability guideline provides background on the DER modeling framework previous proposed in other NERC Reliability Guidelines, information on relevant interconnection standards (e.g., 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.</p> <p>The Planning Committee reviewed the initial draft of the guideline and approved posting for industry comment. A draft version of the Reliability Guideline has been posted on the NERC website for industry comment.</p>			
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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](#)
- [Standards Related Questions – Single Portal](#)
- [2017–2019 Reliability Standards Development Plan](#)
- [Quality Review Application](#)
- [One-Stop Shop \(Status, Purpose, Implementation Plans, FERC Orders, RSAWs\)](#)

GENERAL COMPLIANCE AND ENFORCEMENT NEWS

NEW Team Nomination and Feedback Solicitation Open

The Standards Efficiency Review (SER) Project began in 2017 with the goal of improving efficiency within the NERC Reliability Standards. An advisory group was formed, and industry representatives were selected to participate with a goal of identifying requirements that were not essential for reliability and could be retired. The result of the SER Project was a recommendation to retire over 100 O&P requirements. As this project continues to move forward, it has been determined a similar review is appropriate for the CIP Standard Requirements.

NERC is soliciting industry feedback on areas of inefficiency within the CIP Standard Requirements through **Monday, August 26, 2019**. This feedback is to be documented on the [CIP SER Matrix](#). Additionally, NERC is assembling a team to perform analysis of the responses to the CIP SER Matrix as well as to prioritize efforts and identify next steps. If interested, please complete the [nomination form](#) by **Friday, August 16, 2019**.

The completed CIP SER Matrices, nomination forms, and any questions should be submitted to [Brian Allen](#).

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 NERC IT Enhancing Security for Applications

As part of our continual improvements to security, NERC Information Technology (IT) will be implementing multi-factor authentication (MFA) on July 13, 2019 for several applications listed below. Over time all applications will be converted to use MFA as an added layer of security.

What is MFA?

In a typical security model, a username and password is something you know for access to an application or website. MFA enhances security by including something you have (e.g., trusted application or phone), in addition to your username and password. Our implementation will use a phone call and/or you may download and use a mobile application as the second factor. You will be prompted with instructions when you log in.

What is Impacted and When?

- The MFA feature will be enabled for all SharePoint extranet sites for external users and applications accessed via the XRM Portal for internal NERC users and Regional users on July 13, 2019:
 - User Management and Registration (UMR)
 - Misoperations Information Data Analysis System (MIDAS)
 - NERC Membership
 - Entity Registration - Coordinated Functional Registration (CFRs)
 - Entity Registration - CORES
- You will be prompted when logging into these applications to download the MFA mobile application to your smartphone and complete the self-enrollment process.

How do I get more information?

- Click [here](#) for a **Quick Start Guide**, or [here](#) for a more detailed **End User Guide**.
- Support requests can be submitted via the [NERC Helpdesk](#).
- Click [here](#) to watch a video describing the “Push” notification feature.
- Click [here](#) to watch a brief video describing the “Call Me” feature.

NEW NERC News Posted

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

- ERO Executive Spotlight featuring Janet Sena, NERC’s senior vice president and director of Policy and External Affairs
- Newly Effective Standards
- Compliance Guidance Update
- Reliability Standard Audit Worksheets Posted

- Update on the Centralized Organization Registration ERO System Technology Project
- Updated Compliance Oversight Plan Process
- Posted Resources
- Upcoming Events

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)
January 1, 2020	CIP-003-7 – Cyber Security – Security Management Controls
	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	PRC-012-2 – Remedial Action Schemes
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 \(Requirements R7, 7.1, 7.2, 7.3, 7.3.1–7.3.2, 7.4, 7.4.1–7.4.3, 7.5, and 7.5.1.\)](#)

BOARD OF TRUSTEES AND FERC ACTION

Opportunity to Suggest Candidates for NERC Board of Trustees

The Nominating Committee for the NERC Board of Trustees is providing an opportunity for stakeholders to suggest candidates to serve as an independent member of the NERC Board. A [summary memo](#) from George Hawkins, Chair of the Nominating Committee, outlining the role of the Committee and the process for the nomination and election of independent members of the NERC Board is located below, as well as attached here for convenience. Also included with the memo is a position specification prepared by the committee and Lyceum Leadership Consulting. Lyceum Leadership has been retained by the Nominating Committee to assist in the search for and screening of candidates.

Please submit all suggestions for candidates to [Tom Linguist](#) and [Donna Frakes](#) of Lyceum Leadership **by July 19, 2019**. Information can also be found on [Lyceum Leadership's website](#).

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

- 2019 Industry Standards and Compliance Workshop – July 23–24, 2019, Minneapolis, MN | [In-person Registration](#) | [Webinar Registration](#) | [Hotel Registration](#) | [Agenda](#)
- Electromagnetic Pulse Task Force Workshop – 8:30 a.m.–5:00 p.m. Eastern, July 25, 2019, Atlanta | [In-person Registration](#) | [Webinar Registration](#)
- 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](#)

Webinars

There are no webinars currently scheduled.

Standing Committee Meetings and Conference Calls

- Member Representatives Committee Pre-Meeting Conference Call and Informational Webinar – 11:00 a.m.–Noon Eastern, July 19, 2019 | [Register](#)
- Standards Committee Conference Call – 1:00–3:00 p.m. Eastern, July 24, 2019 | [Register](#)
- Board of Trustees Committees, Member Representatives Committee, and Board of Trustees Meetings – August 14–15, 2019, Québec, QC | [Meeting Registration and Hotel Information](#)

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 2018-04 – Modifications to PRC-024-2 Drafting Team Conference Call – 1:00–4:00 p.m. Eastern, July 11, 2019 | [Register](#)
- **NEW** Project 2017-01 – Modifications to BAL-003-1.1 Drafting Team Conference Call – 1:00–3:00 p.m. Eastern, July 11, 2019 | [Register](#)
- **NEW** Project 2015-09 – Establish and Communicate System Operating Limits Standard Drafting Team Conference Call – 10:00 a.m.–Noon Eastern, July 16, 2019 | [Register](#)
- Project 2016-02 – Modifications to CIP Standards Drafting Team Meeting – July 16–18, 2019, Washington, D.C. | [Register](#)
- **NEW** Project 2018-04 – Modifications to PRC-024-2 Drafting Team Conference Call – Noon–3:00 p.m. Eastern, July 19, 2019 | [Register](#)
- **NEW** Project 2017-01 – Modifications to BAL-003-1.1 Drafting Team Meeting – July 22–23, 2019, Lakewood, 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 Desselle](#) 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).