Standards, Compliance, and Enforcement Bulletin

April 20–26, 2020

INSIDE THIS EDITION

ACTIVE STANDARDS POSTINGS

Current and Upcoming Ballots (ballot periods close at 8:00 p.m. Eastern)			
Project	**Action**	**Start Date**	**End Date**
Technical Rationale for Reliability Standards	Non-Binding Poll	04/10/20	04/20/20
Join Ballot Pools			
	Action	**Start Date**	**End Date**
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Posted for Comment			
Project	**Action**	**Start Date**	**End Date**
Technical Rationale for Reliability Standards	Comment Period	03/05/20	04/20/20

RELIABILITY | RESILIENCE | SECURITY

Project 2020-01 – Modifications to MOD-032-01	Standard Authorization Request	Comment Period	03/24/20	04/24/20
Project 2020-02 – Transmission-Connected Resources	Standard Authorization Request	Comment Period	03/30/20	04/29/20
Project 2020-03 – Supply Chain Low Impact Revisions	Standard Authorization Request	Comment Period	04/03/20	05/06/20
Project 2020-04 – Modifications to CIP-012	Standard Authorization Request	Comment Period	04/08/20	05/11/20

OTHER ACTIVE COMMENT PERIODS

Posted for Comment			
Posting	**Action**	**Start Date**	**End Date**
Comment Period Open for Distributed Energy Resources (DER) Data Collection for Modeling in Transmission Planning Studies Draft Reliability Guideline: The NERC System Planning Impacts from Distributed Energy Resources Working Group (SPIDERWG) is developing a draft Reliability Guideline to provide recommendations and guidance for establishing effective data specifications for the collection of aggregate DER data for reliability studies. As the penetration of DERs continues to grow, representing DERs in planning assessments becomes increasingly important. Steady-state powerflow, dynamics, short-circuit, electromagnetic transient (EMT), and other types of planning studies may need information and data that enable Transmission Planners (TPs) and Planning Coordinators (PCs) to develop models of aggregate amounts of DERs for planning purposes. Data specifications developed by the TPs and PCs will help facilitate the transfer of information between the Distribution Providers (DPs) and other external parties performing DER forecasting for modeling purposes.	Submit comments via email using the comment form.	03/11/20	04/24/20

The Planning Committee reviewed the initial draft of the guideline and approved posting for industry comment.			
Comment Period Open for Notice of Proposed Organization Registration, Organization Certification, and BES Exceptions Revisions to the NERC Rules of Procedure (ROP): NERC is proposing revisions to the following sections and appendices to update the ROP to reflect current business practices, provide further clarification and transparency to industry stakeholders, and form the basis of ERO training to support consistent registration-related procedures and processes: Joint Registration Organizations (507), Coordinated Functional Registration (508), Definitions (2), Organizational Registration and Certification Manual (5A), the Statement of Compliance Registry Criteria (5B), and the Procedure for BES Exceptions (5C). NERC also notes that there are no proposed revisions to Appendix 5B with regards to the retirement of the Functional Model. If you have comments or are support of this, please provide that feedback during this comment period. • Summary of Proposed Revisions • Redlined Text of Proposed Revisions to Rules of Procedure Section 500 • Redlined Text of Proposed Revisions to Rules of Procedure Appendix 2 • Redlined Text of Proposed Revisions to Rules of Procedure Appendix 5A • Redlined Text of Proposed Revisions to Rules of Procedure Appendix 5B • Redlined Text of Proposed Revisions to Rules of Procedure Appendix 5C	Submit comments to ROPcomments@nerc.net.	03/12/20	04/27/20

NERC intends to submit these changes to the NERC Board of Trustees for approval at their August 2020 meeting. For further information, please contact Alain Rigaud.			

STANDARDS NEWS

With the implementation of the Align Project in 2020, there will be changes to the Reliability Standards web page and associated reports, including the One-Stop Shop, U.S. Effective Date Status/Functional Applicability spreadsheet, and VRF and VSL matrices. More details will be provided in the coming months.

NEW Webinar Resources Posted
NERC posted the streaming webinar and slide presentation for the April 13, 2020 Project 2015-09 – Establish and Communicate System Operating Limits webinar.

Nomination Period Open for Project 2020-04 – Modifications to CIP-012 SAR Standard Drafting Team
Nominations are being sought for Project 2020-04 – Modifications to CIP-012 SAR drafting team members through **8 p.m. Eastern, Monday, May 11, 2020.** By submitting a nomination form, you are indicating your willingness and agreement to actively participate in face-to-face meetings and conference calls.

The time commitment for this project is expected to be two face-to-face meetings per quarter (on average two full working days each meeting) with conference calls scheduled as needed to meet the agreed upon timeline the team sets forth. Team members may also have side projects, either individually or by sub-group, to present for discussion and review. Lastly, an important component of the team effort is outreach. Members of the team will be expected to conduct industry outreach during the development process to support a successful ballot. Previous drafting team experience is beneficial but not required. See the project page and nomination form for additional information.

Use the electronic form to submit a nomination. Contact Linda Jenkins regarding issues using the electronic form. 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 SAR drafting team in June 2020. Nominees will be notified shortly after they have been appointed.

GENERAL COMPLIANCE AND ENFORCEMENT NEWS

NEW Compliance Guidance Updated
NERC posted one new proposed Implementation Guidance document—TPL-007-4 – Transmission System Planned Performance for Geomagnetic Disturbance Events (2019-01 SDT)—to the Compliance Guidance web page.

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 Announces New Cut Scores for System Operator Certification Exams
The NERC System Operator Certification Program is publishing new cut scores for the NERC System Operator Certification Exams. New exam cut scores will begin June 1, 2020 at all PSI test centers. The new exams will include exam questions based on updated content outlines and the most current NERC Reliability Standards.

Prior to taking a NERC System Operator Examination, please familiarize yourself with the content outline for the exam you will be taking and the approved list of references. The content outline for an examination and the list of references are the best sources to use to prepare for the exams. It is the responsibility of each candidate to prepare for an examination on the subject material contained in the content outline for a particular examination.

NEW Lessons Learned Posted
NERC posted three new lessons learned to the Lessons Learned page:
- Loss of Automatic Generation Control During Routine Update
- Protected Fault in a Transmission Substation
- Misoperation of 87N Transformer Ground Differential Relays Causing Loss of Load

NEW Supply Chain Working Group Announces Webinar Series

The Supply Chain Working Group (SCWG), part of the Reliability and Security Technical Committee (RSTC), is presenting a series of webinars to elaborate on security guidelines that address cyber security supply chain risk management issues. The hour-long webinars will broadcast weekly on Mondays at 1:00 p.m. Eastern. All webinars will be recorded and subsequently available on the Supply Chain Risk Mitigation Program page. No preregistration is necessary. You may submit questions about the supply chain security guidelines before and during each webinar. Join here or use the links in the Upcoming Events section.

Supply Chain Working Group Webinar Series		
Topic	**Team Lead**	**Date**
Supply Chain and Risk Considerations for Open Source Software	George Masters, Schweitzer Engineering Laboratory, Inc.	March 23 Recording
Supply Chain Cyber Security Risk Management Lifecycle	Tom Alrich, Tom Alrich LLC	March 30 Recording
Vendor Identified Incident Response Measures	Steven Briggs, TVA	April 6 Recording
Secure Equipment Delivery	Wally Magda, Wallydotbiz, LLC	April 13
Vendor Risk Management Lifecycle	Tom Alrich, Tom Alrich LLC	April 20
Procurement Language (under development)	Dan Wagner, WECC	April 27
Frequently Asked Questions: Small Group Advisory Sessions	Brian Allen, NERC	May 4
Provenance	David Steven Jacoby, Boston Strategies International	May 11
Risks Related to Cloud Service Providers	Brenda Davis, CPS Energy	May 18

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, 2020	**UPDATED** CIP-005-6 – Cyber Security – Electronic Security Perimeter(s) **UPDATED** CIP-010-3 – Cyber Security — Configuration Change Management and Vulnerability Assessments **UPDATED** CIP-013-1 – Cyber Security — Supply Chain Risk Management
January 1, 2021	CIP-008-6 – Cyber Security — Incident Reporting and Response Planning
	UPDATED PRC-002-2 – Disturbance Monitoring and Reporting Requirements (50% compliance for Requirements R2–R4, R6–R11) PRC-012-2 – Remedial Action Schemes **UPDATED** PRC-025-2 – Generator Relay Loadability (phased-in implementation of Attachment 1: Relay Settings, Table 1 Options 5b, 14b, 15b, and 16b)
April 1, 2021	**UPDATED** PER-006-1 – Specific Training for Personnel
	UPDATED PRC-027-1 – Coordination of Protection Systems for Performance During Faults
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	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)
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)
July 1, 2023	TPL-001-5 – Transmission System Planning Performance Requirements	Implementation Plan
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

NEW FERC Issuances

On April 6, NERC submitted a motion requesting FERC defer upcoming implementation deadlines for some Reliability Standards in order to allow registered entities to focus their resources on coronavirus-related priorities.

On April 17, FERC issued an order granting that motion. The complete list of standards and their approved delayed implementation dates are:

- CIP-005-6 – Cyber Security – Electronic Security Perimeter(s), by three months (October 1, 2020);
- CIP-010-3 – Cyber Security – Configuration Change Management and Vulnerability Assessments, by three months (October 1, 2020);
- CIP-013-1 – Cyber Security – Supply Chain Risk Management, by three months (October 1, 2020);
- PER-006-1 – Specific Training for Personnel, by six months (April 1, 2021)
- PRC-002-2 – Disturbance Monitoring and Reporting Requirements (phased-in implementation for Requirements R2-R4 and R6-R11), phased-in 50% compliance requirement by six months (January 1, 2021);
- PRC-025-2 – Generator Relay Loadability, phased-in implementation of Attachment 1: Relay Settings, Table 1 Options 5b, 14b, 15b, and 16b by six months (January 1, 2021); and
- PRC-027-1 - Coordination of Protection Systems for Performance During Faults, by six months (April 1, 2021).

FERC's 2020 issuances are 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
There are no workshops or conferences currently scheduled.

Webinars
- **NEW** Supply Chain Working Group Webinar Series: Vendor Risk Management Lifecycle — 1:00–2:00 p.m. Eastern, April 20, 2020 | Register
- **NEW** Supply Chain Working Group Webinar Series: Procurement Language — 1:00–2:00 p.m. Eastern, April 27, 2020 | Register

- **NEW** Supply Chain Working Group Webinar Series: Frequently Asked Questions: Small Group Advisory Sessions — 1:00–2:00 p.m. Eastern, May 4, 2020 | Register
- **NEW** Supply Chain Working Group Webinar Series: Provenance — 1:00–2:00 p.m. Eastern, May 11, 2020 | Register
- **NEW** Supply Chain Working Group Webinar Series: Risks Related to Cloud Service Providers — 1:00–2:00 p.m. Eastern, May 18, 2020 | Register
- **NEW** Project 2016-02 – Modifications to CIP Standards Virtualization Overview Webinar – 12:00–1:00 p.m. Eastern, April 23, 2020 | Register
- Approved Version 2.0 of Risks and Mitigations for Losing EMS Functions Reference Document Webinar – 2:00–3:00 p.m. Eastern, April 29, 2020 | Register

Standing Committee Meetings and Conference Calls
- Standards Committee Conference Call – 1:00–3:00 p.m. Eastern, April 22, 2020 | Register | **NEW** Agenda
- Board of Trustees Committees, Member Representatives Committee, and Board of Trustees Meetings – May 13–14, 2020 | Meeting Registration | Schedule of Events

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.
- 2020 Periodic Review Standing Review Team – Standards Grading Public Meeting – April 21–22, 2020 | 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).