

Standards, Compliance, and Enforcement Bulletin

March 12–18, 2018

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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 2015-10 Single Points of Failure TPL-001-5 and Implementation Plan	Additional Ballot, Initial Ballot, and Non-binding Poll	03/30/18	04/09/18

Join Ballot Pools (ballot pool windows close at 8:00 p.m. Eastern)

Project	Action	Start Date	End Date
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Posted for Comment

Project	Action	Start Date	End Date
Project 2015-10 Single Points of Failure TPL-001-5 and Implementation Plan	Comment Period	02/23/18	04/09/18

OTHER ACTIVE COMMENT PERIODS

Posted for Comment			
Posting	Action	Start Date	End Date
<p>Comment Period Open for System Operator Certification Program Survey: The Personnel Certification Governance Committee (PCGC) is in the process of reviewing the NERC System Operator Certification (SOC) program. Industry input is a critical part of the process. The PCGC is requesting input from industry stakeholders related to the SOC program for potential future program development and/or improvement.</p> <p>All program participants including certified System Operators, program candidates, Continuing Education providers, and entity trainers, are encouraged to participate in the survey. Your input is valuable.</p> <p>An unofficial Word version of the survey is available on the System Operator Certification page and the Continuing Education page of the NERC website. Please reference the Word version of the survey on the website for Table 3.</p> <p>The PCGC will review all responses submitted by industry stakeholders.</p>	<p>Submit survey responses using the electronic form.</p>	02/13/18	03/15/18
<p>Comment Period Open for Proposed NERC Rules of Procedure Section 1600 Data Request for GMD Data: On September 22, 2016, the FERC issued Order No. 830 approving Reliability Standard TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events. In the Order, FERC also directed NERC, pursuant</p>	<p>Submit comments using the electronic form. An unofficial comment form is also available.</p>	02/07/18	03/26/18

to Section 1600 of the NERC Rules of Procedure, to collect geomagnetically-induced current (GIC) monitoring and magnetometer data from U.S. registered entities for the period beginning May 2013, including both data existing as of the date of the Order and new data going forward (P. 89). The data is intended to promote greater understanding of GMD events and their potential impacts to the reliable operation of the Bulk-Power System. NERC and the Geomagnetic Disturbance Task Force (GMDTF) have drafted the [proposed GMD Data Request](#) for the collection of GIC monitoring and magnetometer data as required by Order No. 830. The GMD Data Request applies to U.S. registered Transmission Owners and Generator Owners. Although not required, Canadian registered Transmission Owners and Generator Owners are encouraged to participate.

At the conclusion of the comment period, NERC staff and the GMDTF will review the comments received, consider revisions, and determine next steps in accordance with NERC Rules of Procedure.

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](#)

GENERAL COMPLIANCE AND ENFORCEMENT NEWS

NEW NERC Reliability Standard Audit Worksheet Review and Revision Process Version 1.1 Now Available

The [NERC Reliability Standard Audit Worksheet Review and Revision Process Version 1.1](#) is now available on the [RSAW page](#) of NERC.com under the heading “Resource Documents.” Version 1.1 was made effective March 1, 2018 and reflects the following changes:

- All references to the Standards Oversight and Technology Committee (SOTC) of the NERC Board of Trustees replaced with references to the NERC Board of Trustees Compliance Committee (BOTCC); and
- Formatting updated.

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](#)

OTHER NEWS

NEW Lessons Learned Posted

Two new lessons learned have been posted on the NERC website on the [Lessons Learned](#) page. The new lessons address the following topics:

- [Breaker Failure Due to Trip Coil Polarity](#)
- [State Estimator Outages Requiring Tuning/Calibrating EMS Settings](#)

NEW 2018 Planning Committee Special Election Results Available

The Planning Committee (PC) opened nominations for four vacant positions from February 20, 2018 through March 5, 2018. The election [results](#) have been posted on the [Planning Committee – 2018 Special Election page](#) of the NERC website. If you have any questions about the PC elections, please send an email to PCelections@nerc.net or contact [Mark Olson](#).

STANDARDS SUBJECT TO FUTURE ENFORCEMENT

The following standards are subject to future enforcement. Please refer to the [U.S. Effective Dates page](#) for more detail:

U.S. Effective Date	Standard(s)
April 1, 2018	IRO-018-1(i) – Reliability Coordinator Real-time Reliability Monitoring and Analysis Capabilities
	TOP-010-1(i) – Real-time Reliability Monitoring and Analysis Capabilities
July 1, 2018	CIP-009-6 – Cyber Security – Recovery Plans for BES Cyber Systems (Requirement 2.3); CIP-010-2 – Cyber Security – Configuration Change Management and Vulnerability Assessments (Requirements 3.2, 3.2.1, 3.2.2);
	MOD-026-1 – Verification of Models and Data for Generator Excitation Control System or Plant Volt/Var Control Functions (Requirements 2, 2.1–2.1.6);
	MOD-027-1 – Verification of Models and Data for Turbine/Governor and Load Control or Active Power/Frequency Control Functions (Requirements 2, 2.1–2.1.5);
	TOP-001-4 – Transmission Operations
	TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirement 2)

September 1, 2018	CIP-003-6 – Cyber Security – Security Management Controls (Requirement 2, Att. 1, Sec. 2 and 3);
January 1, 2019	BAL-005-1 – Balancing Authority Control
	FAC-001-3 – Facility Interconnection Requirements
	TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirement 5)
April 1, 2019	EOP-004-4 – Event Reporting
	EOP-005-3 – System Restoration from Blackstart Resources
	EOP-006-3 – System Restoration Coordination
	EOP-008-2 – Loss of Control Center Functionality
January 1, 2020	PRC-026-1 – Relay Performance During Stable Power Swings (Requirements 2–4)
July 1, 2020	PRC-002-2 – Disturbance Monitoring and Reporting Requirements (50% compliance for Requirements 2–4, 6–11)
January 1, 2021	PRC-012-2 – Remedial Action Schemes
	TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements 6, 6.1–6.4)
January 1, 2022	TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements 3,4,7)
July 1, 2022	PRC-002-2 – Disturbance Monitoring and Reporting Requirements (100% compliance for Requirements 2–4, 6–11)
	VAR-501-WECC-3 – Power System Stabilizer (Requirement 3 has an effective date of July 1, 2022 for units placed in service prior to final regulatory approval.)

BOARD OF TRUSTEES AND FERC ACTION

NEW NERC Filings

On March 5, 2018, NERC and MRO and SERC filed with FERC a [joint petition](#) for approvals in connection with the termination of the Regional Delegation Agreement with SPP, Inc.

On March 7, 2018, NERC and WECC filed with FERC a [joint petition](#) for approval of retirement of Regional Reliability Standard VAR-002-WECC-2.

On March 8, 2018, NERC and WECC filed with FERC a [joint petition](#) for approval of proposed regional Reliability Standard BAL-004-WECC-3 -- Automatic Time Error Correction. The purpose of proposed regional Reliability Standard BAL-004-WECC-3 is to maintain Interconnection frequency and to ensure that Time Error Corrections and Primary Inadvertent Interchange payback are effectively conducted in a manner that does not adversely affect the reliability of the Western Interconnection.

On March 9, 2018, NERC and WECC filed with FERC a [joint petition](#) for approval of retirement of Regional Reliability Standard PRC-004-WECC-2.

NERC's 2018 filings to FERC are available [here](#).

NEW FERC Issuances

On March 9, 2018, FERC issued a [letter order](#) accepting NERC's November 21, 2017 [filing](#) of proposed revisions to its Rules of Procedure (ROP) related to ensuring that the votes of the Independent System Operators and Regional Transmission Organizations in Segment 2 are appropriately represented in the Registered Ballot Body (RBB) voting structure.

FERC's 2018 filings and orders are available [here](#).

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

- Supply Chain Small Group Advisory Sessions – March 13–15, 2018, Atlanta | Send SGAS Registration Requests to cipcadmin@nerc.net | Send Workshop Registration Requests to cipcadmin@nerc.net
- Supply Chain Risk Management Workshop & Webinar – 1:00–3:00 p.m. Eastern, March 14, 2018, Atlanta | [Register](#)
- Seventh Annual Human Performance Conference – March 27–29, 2018, Atlanta | [Register for Conference and Workshops](#) | [Register for Hotel](#) | [Agenda](#)
- 2018 NERC Standards and Compliance Workshop – July 24–25, 2018, Columbus, Ohio | **Registration Information Coming Soon**

Webinars

- [Inverter-Based Resource Webinar Series](#): Inverter Fundamentals – Distributed Energy Resources and Bulk Power System Connected Resources – 2:00–4:00 p.m. Eastern, March 21, 2018 | [Register](#)
- **NEW** Project 2015-10 – Single Points of Failure Webinar – 1:00–3:30 p.m. Eastern, March 22, 2018 | [Register](#)
- **NEW** Distribution Provider Reference Document for “Directly Connected” Determinations Webinar – 11:30 a.m.–12:30 p.m. Eastern, March 22, 2018 | [Register](#)
- Technical Rationale for Reliability Standards Webinar – 1:00–2:00 p.m. Eastern, March 26, 2018 | [Register](#)
- Short-Circuit Modeling and System Strength White Paper Webinar – 2:00–3:30 p.m. Eastern, March 27, 2018 | [Register](#)
- [Inverter-Based Resource Webinar Series](#): Distributed Energy Resource Impacts – 2:00–4:00 p.m. Eastern, April 5, 2018 | [Register](#)
- [Inverter-Based Resource Webinar Series](#): Inverter-Based Resources Connected to the Bulk Power System – 2:00–4:00 p.m. Eastern, May 2, 2018 | [Register](#)
- [Inverter-Based Resource Webinar Series](#): Inverter Modeling for Protection, Harmonics, EMT Studies, and Review of Real-World VER-Related Events – 2:00–4:00 p.m. Eastern, May 17, 2018 | [Register](#)
- [Inverter-Based Resource Webinar Series](#): Recommended Performance for Inverter-Based Resources Connected to the Bulk Power System – NERC Reliability Guideline – 2:00–4:00 p.m. Eastern, June 13, 2018 | [Register](#)

Standing Committee Meetings and Conference Calls

- Standards Committee Meeting – 10:00 a.m.–3:00 p.m. Mountain, March 14, 2018 | [Register](#)
- Board of Trustees, Member Representatives Committee, and Board Committees Meetings – May 9–10, 2018, Arlington, VA | [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.

- Operations Planning Standards Efficiency Review Team Conference Call – 10:00 a.m.–Noon Eastern, March 19, 2018 | [Register](#)
- Long-Term Planning Standards Efficiency Review Team Conference Call – 9:30–11:30 a.m. Eastern, March 20, 2018 | [Register](#)
- Real-Time Operations Standards Efficiency Review Team Conference Call – 11:00 a.m.–1:00 p.m. Eastern, March 21, 2018 | [Register](#)
- Project 2016-02 – Modifications to CIP Standards Drafting Team Meeting – March 27–29, 2018, Atlanta | [Register](#)
- Long-Term Planning Standards Efficiency Review Team Conference Call – 9:30–11:30 a.m. Eastern, April 3, 2018 | [Register](#)
- Real-Time Operations Standards Efficiency Review Team Conference Call – 11:00 a.m.–1:00 p.m. Eastern, April 4, 2018 | [Register](#)

- Operations Planning Standards Efficiency Review Team Conference Call – 10:00 a.m.–Noon Eastern, April 16, 2018 | [Register](#)
- Long-Term Planning Standards Efficiency Review Team Conference Call – 9:30–11:30 a.m. Eastern, April 17, 2018 | [Register](#)
- Real-Time Operations Standards Efficiency Review Team Conference Call – 11:00 a.m.–1:00 p.m. Eastern, April 18, 2018 | [Register](#)
- Project 2016-02 – Modifications to CIP Standards Drafting Team Meeting – April 17–19, 2018, Location TBD | [Register](#)
- Operations Planning Standards Efficiency Review Team Conference Call – 10:00 a.m.–Noon Eastern, April 30, 2018 | [Register](#)
- Long-Term Planning Standards Efficiency Review Team Conference Call – 9:30–11:30 a.m. Eastern, May 1, 2018 | [Register](#)
- Real-Time Operations Standards Efficiency Review Team Conference Call – 11:00 a.m.–1:00 p.m. Eastern, May 2, 2018 | [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 contact [Sandy Shiflett](#). For more information about any of the compliance news listed in the bulletin, please contact [Tiffany Whaley](#).