

Standards, Compliance, and Enforcement Bulletin

June 25–July 1, 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 2016-02 – Modifications to CIP Standards CIP-012-1	Additional Ballot and Non-binding Poll	06/22/18	07/02/18

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
2018 Periodic Review Standing Review Team - Standards Grading	Comment Period	05/14/18	06/28/18
Project 2016-02 – Modifications to CIP Standards CIP-012-1	Comment Period	05/18/18	07/02/18
Standards Efficiency Review SAR	Comment Period	06/07/18	07/10/18

Project 2016-02 – Modifications to CIP Standards FERC Order No. 843 (Malicious Code Sample) SAR	Comment Period	06/14/18	07/13/18
Project 2016-02 – Modifications to CIP Standards IROL Modifications to CIP-002 SAR	Comment Period	06/14/18	07/13/18

OTHER ACTIVE COMMENT PERIODS

Posted for Comment			
Posting	Action	Start Date	End Date
<p>Comment Period Open for Inverter-Based Resource Performance Draft Reliability Guideline: The Inverter-Based Resource Performance Task Force (IRPTF), a joint task force of the NERC Operating Committee (OC) and Planning Committee (PC), developed the draft Reliability Guideline: Inverter-Based Resource Performance. This Reliability Guideline supports recommendations in the ERO Risk Priorities Report to address potential reliability impacts of the changing resource mix by developing guidance and recommended practices for the performance of inverter-based resources when connected to the bulk power system. The guideline specifies recommended steady-state and dynamic performance for inverter-based resources, and also covers a wide range of related aspects from protective functions to monitoring capability. The material presented throughout the guideline is based on extensive discussions with industry experts and members of the IRPTF. The OC and PC reviewed the initial draft of the guideline and approved it to be posted for industry comment.</p>	Submit comments via email using the comment form .	05/04/18	06/29/18
<p>Comment Period Open for First Draft of NERC’s 2019 Business Plan and Budget: The first draft of NERC’s 2019 business plan and budget and the first drafts of the 2019 Regional Entities' business</p>	Please direct all comments and/or questions to Erika Chanzas .	05/19/18	06/29/18

<p>plans and budgets are now available on NERC’s website. A presentation providing a summary of the NERC budget and ERO consolidated business plans and budgets and assessments is posted as part of these materials. Presentations providing a summary of each Regional Entity business plan and budget are also posted.</p> <p>NERC has posted the following documents for review and/or comment:</p> <ul style="list-style-type: none"> • Cover Letter from Scott Jones, Senior Vice President, Chief Financial and Administrative Officer, and Treasurer • 2019 NERC Business Plan and Budget Overview • 2019 Combined ERO Enterprise Budgets and Assessments Overview • First Draft of NERC's 2018 Business Plan and Budget 			
<p>Comment Period Open for Power Plant Model Verification for Inverter-Based Resources Draft Reliability Guideline: The NERC Power Plant Modeling and Verification Task Force (PPMVTF) developed the draft Reliability Guideline: Power Plant Model Verification for Inverter-Based Resources. This Reliability Guideline supports recommendations in the ERO Risk Priorities Report to address potential reliability impacts of the changing resource mix by developing guidance and recommended practices for these verification tests for inverter-based resources. The guideline covers many of the potential tests that may be needed to develop or verify dynamic models related to the activities of MOD-026-1 and MOD-027-1. The material presented is applicable to Generator Owners, Generator Operators, Planning Coordinators, Transmission Planners, Transmission Operators, Reliability Coordinators, testing engineers,</p>	<p>Submit comments via email.</p>	<p>06/11/18</p>	<p>07/27/18</p>

<p>and other subject matter experts of the NERC MOD standards pertaining to model verification and capability testing. The PC reviewed the initial draft of the guideline and approved it to be posted for industry comment.</p>			
<p>NEW Comment Period Open for Proposed Retirement of Regional Reliability Standard IRO-006-TRE-1: Texas RE has requested NERC to post the proposed retirement of Regional Reliability Standard IRO-006-TRE-1 - IROL and SOL Mitigation in the ERCOT Region for industry review and comment as provided by the NERC Rules of Procedure. Documents and information about this project are available on the Texas RE’s Standards page.</p>	<p>Submit comments using the Standards Balloting and Commenting System. If you experience any difficulties using the electronic form, contact Nasheema Santos.</p>	<p>06/21/18</p>	<p>08/06/18</p>
<p>NEW Comment Period Open for Regional Reliability Standards VAR-001-5: Western Electricity Coordinating Council (WECC) requested that NERC post VAR-001-5 - Voltage and Reactive Control for industry review and comment in accordance with the NERC Rules of Procedure.</p> <p>The drafting team made the following changes:</p> <ul style="list-style-type: none"> • In E.A.14 “Area” was corrected to “area.” • E.A.15 and associated elements were eliminated because the reliability-related task required in E.A.15 is contained as a lesser included task of VAR-002-4.1 Generator Operation for Maintaining Network Voltage Schedules, Requirement R2, Part 2.3. • Measures were updated and relocated matching current NERC conventions, and “shall” was replaced with “will”. • Typographical errors in VSL Table for E.A.17 were corrected. • The format and numbering were updated. 	<p>Submit comments using the electronic form. If you experience any difficulties in using the electronic form, contact Nasheema Santos.</p>	<p>06/22/18</p>	<p>08/06/18</p>

The standard was posted for comment twice, the most recent period being from December 22, 2017 – January 22, 2018, and the comments received can be viewed here .			
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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 Newly Effective Standards

On July 1, 2018, the following standards become effective:

- [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 \(Requirements 2, 2.1–2.1.5\)](#);
- [PRC-025-2 – Generator Relay Loadability](#);

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](#)

- [TOP-001-4 – Transmission Operations](#); and
- [TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events \(Requirement 2\)](#).

NEW Issues and Recommendations Tracking Spreadsheet Updated

On June 22, 2018, the [Issues and Recommendations Tracking spreadsheet](#) on the [ERO Enterprise Program Alignment page](#) was updated.

NEW NERC Posts Revised Registered Entity Self-Report and Mitigation Plan User Guide

The revised guide incorporates principles for how registered entities provide information to Regional Entities and clarifies expectations around registered entity self-reporting and design of mitigation activities to prevent recurrence.

OTHER NEWS

NEW NERC Posts Summary on ERO Enterprise CMEP Technology Project

As the ERO Enterprise matured to a risk-based approach in its regulatory posture, a more comprehensive system to manage and analyze compliance monitoring and enforcement information became necessary. The CMEP Technology Project began in 2014 to meet that need with the goal of improving and standardizing processes in the Compliance Monitoring and Enforcement Program (CMEP) across the ERO Enterprise. The new project will align the business processes of NERC and the Regional Entities on a single platform; improve documentation, sharing and analysis of compliance work activities; and make CMEP activities more effective and efficient across the ERO Enterprise; thus enhancing the reliability and security of the grid. For more information on the CMEP Technology Project, please see the [full project summary](#).

NEW Grid Shows Improved Resilience, Decreased Protection Systems Misoperations and Advanced Risk Management

Changes to the reliability ecosystem — driven by a shift in the resource mix, the retirement of gas, coal, and nuclear plants in concert with the introduction of renewable energy resources and the advent of new technology — have required NERC to adapt, implementing a risk-based approach toward significant threats to the reliability of the North American grid.

In its role as the Electric Reliability Organization, NERC identifies and quantifies current and emerging reliability issues that enable the ERO to provide risk-informed recommendations for industry to pursue improved reliability performance. The [State of Reliability 2018](#) report looks back over the previous year, analyzing historical risks to the bulk power system with a view toward solving future problems. For more information, please see the [full announcement](#).

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)
July 1, 2018 EFFECTIVE THIS WEEK	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);
	PRC-025-2 – Generator Relay Loadability
	TOP-001-4 – Transmission Operations
	TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirement 2)
September 1, 2018	--
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, 5.1–5.2)
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	CIP-003-7 – Cyber Security — Security Management Controls
	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)

BOARD OF TRUSTEES AND FERC ACTION

There is no additional Board or FERC action to report for this week.

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

- [2018 Power System Modeling Conference](#) – June 20–21, 2018, New Albany, Ohio | [Register for Reception](#) | [Register for Conference](#) | [Register for Hotel](#)
- 2018 NERC Standards and Compliance Workshop – July 24–25, 2018, Columbus, Ohio | [In-person Registration](#) | [Webinar Workshop Registration](#) | [Hotel Registration](#) | [Agenda](#)
- **NEW** Monitoring and Situational Awareness Technical Conference – October 2–3, 2018, Carmel, Indiana | **Registration Information Coming Soon**
- GridSecCon 2018 – October 15–19, 2018, Las Vegas, Nevada | **Registration Information Coming Soon**

Webinars

- **NEW** Virtualization, Technology Innovation, and the NERC CIP Standards webinar – 1:00–2:00 p.m. Eastern, June 29, 2018 | [Register](#)

Standing Committee Meetings and Conference Calls

- **NEW** Member Representatives Committee Pre-Meeting Conference Call and Informational Webinar – 11:00 a.m.–Noon Eastern, July 18, 2018 | [Register](#)
- **NEW** Standards Committee Conference Call – 1:00–3:00 p.m. Eastern, July 18, 2018 | [Register](#)

- Board of Trustees Committees, Members Representatives Committee, and Board of Trustees Meetings – August 15–16, 2018, Calgary, Canada | [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 2015-10 – Single Points of Failure Standard Drafting Team Meeting – June 26–28, 2018, Atlanta, GA | [Register](#)
- Project 2016-02 – Modifications to CIP Standards Drafting Team Meeting – July 10–12, 2018, Salt Lake City, UT | [Register](#)
- [2018 Periodic Review Standing Review Team Standards Grading](#) – 8:30 a.m.–4:30 p.m. Eastern, July 19, 2018, Atlanta, GA | [Register](#)
- **NEW** Project 2018-01 – Canadian-specific Revisions to TPL-007-2 Drafting Team Meeting – July 31–August 1, 2018, Montreal, Québec Canada | [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](#).