

Standards, Compliance, and Enforcement Bulletin

February 5–11, 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 2017-02 – Modifications to PER Standards PER-003-2 and Implementation Plan	Initial Ballots	02/26/18	03/07/18

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

Project	Action	Start Date	End Date
Project 2017-02 – Modifications to PER Standards PER-003-2 and Implementation Plan	Join Ballot Pools	01/22/18	02/20/18

Posted for Comment

Project	Action	Start Date	End Date
Project 2017-04 – Periodic Review of INT Standards Templates	Comment Period	01/10/18	02/23/18

NEW Project 2017-07 – Standards Alignment with Registration Standards Authorization Request	Comment Period	02/01/18	03/02/18
Project 2017-02 – Modifications to PER Standards PER-003-2 and Implementation Plan	Comment Period	01/22/18	03/07/18

OTHER ACTIVE COMMENT PERIODS

Posted for Comment			
Posting	Action	Start Date	End Date
<p>NERC Seeks Industry Input for Standards Efficiency Review: NERC is seeking industry input on potential requirements that could be retired from the existing body of Reliability Standards. This input will be provided to the new Standards Efficiency Review (SER) Teams for their consideration in the SER project. Phase 1 of the SER project will focus on Operations & Planning Standards, though NERC is collecting industry input for all standards including CIP.</p> <p>The project scope evaluates NERC Reliability Standards using a risk-based approach to identify potential efficiencies through retirement or modification of Reliability Standard Requirements. Considering that many Reliability Standards have been mandatory and enforceable for more than ten years in North America, this project seeks to identify potential candidate Requirements that are not essential for reliability, could be simplified or consolidated, and could thereby reduce regulatory obligations and/or compliance burden. Each SER team should be composed of individuals that combined represent a broad range of experience, including engineering, operations, compliance, and legal.</p>	Submit the completed spreadsheet to Chris Larson .	12/13/17	02/02/18

<p>Evaluation Criteria for Retiring Reliability Standards Requirements:</p> <ul style="list-style-type: none"> • Requirement acts as a control to support compliance with another Requirement • Requirement regulates a high volume of Low Risk activity • Compliance evidence for the Requirement is not needed greater than 90 days to achieve reliability • Requirement exists to prove that an event or incident did not happen or to prove a negative • Data retention obligation for the Requirement can be significantly reduced • Requirement is a candidate for coverage in NERC Certification Program (e.g. the Requirement pertains to basic functionality of registered entity) • Other proposed criteria from industry <p>For Requirements that you feel are candidates for retirement, please provide sufficient justification for the SER Teams. Use the spreadsheet, which has separate tabs for Operations & Planning and CIP Requirements, to provide your input.</p>			
<p>Comment Period Open for Power Plant Model and Verification Testing for Synchronous Machines Draft Reliability Guideline: The development and verification of steady-state and dynamic models that accurately represent the equipment installed in the field is a critical component of planning and operating the bulk power system. The draft Reliability Guideline covers an array of testing</p>	<p>Submit comments via email using the comment form.</p>	<p>01/10/18</p>	<p>02/23/18</p>

<p>considerations, procedures, and how those tests help derive or verify model parameters, as related to MOD-025-2, MOD-026-1, and MOD-027-1 Reliability Standards. The guideline describes tests that may need to be performed for generating facilities depending on specific situations (e.g., commissioning, development of a baseline model, and model verification).</p> <p>In addition to the dynamic model verification processes, the inter-related aspects of generator protection coordination (PRC-019-2) and generator capability testing (MOD-025-2) are considered in the guideline.</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](#)

GENERAL COMPLIANCE AND ENFORCEMENT NEWS

NEW NERC to Host Supply Chain Small Group Advisory Sessions

On March 14, 2018, NERC will host small group advisory sessions (SGAS) with registered entities, standards developers, and Regional Entities to assess the implementation of the CIP Supply Chain Standards:

- CIP-013-1 – Cyber Security – Supply Chain Risk Management
- CIP-005-6 – Cyber Security – Electronic Security Perimeter(s)
- CIP-010-3 – Cyber Security – Configuration Change Management and Vulnerability Assessments

The event will consist of two parts:

General Session and Live Webinar: On March 14, 2018 from 1:00–3:00 p.m. a general interest session, including industry speakers and NERC staff, will be held to discuss supply chain issues and solutions. The workshop session is being broadcast via webinar. Registration is open to interested participants. More information will be available approximately 15 days before the date of the event.

One-on-One Sessions: Closed one-on-one discussions between a registered entity's supply chain security experts and ERO Enterprise staff about concerns pertinent to that entity's implementation of the Supply Chain Standards are also available on a first-come, first-served basis.

Send SGAS registration requests to cipadmin@nerc.net. Registration is free and is required by **February 30, 2018**. Please provide: requester name and contact information; entity name(s); NCR(s); if the requester intends to represent multiple entities, contact information for someone at each entity represented; and preferred day(s) (Tuesday, Wednesday morning, or Thursday) and time(s) for appointment.

In-person attendance to the March 14 workshop is limited to no more than two attendees per registered entity. Entities that schedule a SGAS appointment will be given priority for in-person attendance. Send workshop registration requests to cipadmin@nerc.net with name, contact information and registered entity that is being represented. If a SGAS appointment is being requested, simply mention workshop attendance in that registration request.

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](#)

NEW Compliance Guidance Resources Updated

Three new **Proposed Implementation Guidance** documents have been posted on the [Compliance Guidance page](#). The postings include the following:

- PRC-023-4, R1 - Determination of Practical Transmission Relaying Loadability Settings (PRC)
- CIP-002-5.1a R1 Voice Communications in a CIP Environment (CIPC)
- CIP-002-5.1a, R1 - Shared Ownership of BES Facilities (CIPC)

The **ERO Enterprise Non-Endorsed Implementation Guidance** tracking spreadsheet has been updated to include the following:

- MOD-027-1 R2 - Clarification of MOD-027-1 Attachment 1 Row 7 Verification Condition for GO (NAGF)
- CIP-003-6, R2 Standard Application Guide (MROSC)

The **Implementation Guidance Under Consideration or Development Tracking** spreadsheet has been updated to remove recently submitted guidance.

An **Implementation Guidance Development Aid** has been posted. This reference sheet is intended for Pre-Qualified Organizations, Standard Drafting Teams, and other industry personnel involved in the development of Implementation Guidance. This Development Aid highlights items that should be considered while developing Implementation Guidance, and is located in the Key Resources section of the Compliance Guidance page.

OTHER NEWS**NEW Lessons Learned Posted**

One new lessons learned addressing [Inadequate Battery Configure Management Damaged a Generating Station and Tripped an HVDC Conversion Station](#) has been posted on the NERC website on the [Lessons Learned](#) page.

NEW NERC News Posted

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

- Berardesco Testifies at Senate Hearing on Grid Reliability during Extreme Cold Weather Events
- E-ISAC Launches Industry Augmentation Program

- NERC to Host Supply Chain Small Group Advisory Sessions
- SOCCED Help Desk Ticket System
- Executive Management Spotlight Features Stan Hoptroff, vice president and chief technology officer

STANDARDS SUBJECT TO FUTURE ENFORCEMENT

UPDATED 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	NEW EOP-004-4 – Event Reporting
	NEW EOP-005-3 – System Restoration from Blackstart Resources
	NEW EOP-006-3 – System Restoration Coordination
	NEW 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

UPDATED NERC Board of Trustees Meeting Agenda Packages, Policy Input, and Schedule of Events Posted

Agenda packages for the **UPDATED** [Board of Trustees](#), [Compliance Committee](#), [Member Representatives Committee](#), **UPDATED** [Corporate Governance and Human Resources Committee](#), **NEW** [Finance and Audit Committee](#), and [Technology and Security Committee](#) meetings on February 7–8, 2018 in Fort Lauderdale, FL are now available. The [schedule of events](#) and **UPDATED** [policy input document](#) are also available.

NEW Presentations for the [Board of Trustees](#), [Compliance Committee](#), [Member Representatives Committee](#), [Corporate Governance and Human Resources Committee](#), [Finance and Audit Committee](#), and [Technology and Security Committee](#) meetings are now available.

NEW NERC Filings

On January 2, 2018, NERC filed with FERC comments in response to the notice of proposed rulemaking proposing to approve: (1) Reliability Standards PRC-027-1 (Coordination of Protection Systems for Performance During Faults) and PER-006-1 (Specific Training for Personnel); and (2) the retirement of Reliability Standard PRC-001-1.1(ii). NERC’s 2018 filings to FERC 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

- Emerging Technology Roundtable – 1:00–5:00 p.m. Eastern, March 7, 2018, Jacksonville, FL | [Register](#)
- **NEW** 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
- Seventh Annual Human Performance Conference – March 27–29, 2018, Atlanta | [Register for Conference and Workshops](#) | [Register for Hotel](#)

Webinars

There are no webinars currently scheduled.

Standing Committee Meetings and Conference Calls

- Board of Trustees Committees, Member Representatives Committee, and Board of Trustee Meetings – February 7–8, 2018, Ft. Lauderdale, FL | [Register](#)
- Operating Committee, Planning Committee, and Critical Infrastructure Protection Committee Meetings – March 6–7, 2018, Jacksonville, FL | [Register for OC](#) | [Register for PC](#) | [Register for CIPC](#) | [Register for Hotel](#)

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 2017-03 – FAC-008-3 Periodic Review Team Meeting – February 6–8, 2018, Alhambra, CA | [Register](#)
- **NEW** Project 2016-02 – Modifications to CIP Standards Drafting Team Conference Call – Noon–2:00 p.m. Eastern, February 6, 2018 | [Register](#)
- **NEW** Project 2016-02 – Modifications to CIP Standards Drafting Team Conference Call – Noon–2:00 p.m. Eastern, February 8, 2018 | [Register](#)

- **NEW** Project 2016-02 – Modifications to CIP Standards Drafting Team Conference Call – 11:00 a.m.–1:00 p.m. Eastern, February 9, 2018 | [Register](#)
- **NEW** Operations Planning Standards Efficiency Review Team Conference Call – 1:00–3:00 p.m. Eastern, February 12, 2018 | [Register](#)
- **NEW** Long-Term Planning Standards Efficiency Review Team Conference Call – 2:00–4:00 p.m. Eastern, February 13, 2018 | [Register](#)
- **NEW** Real-Time Planning Standards Efficiency Review Team Conference Call – 11:00 a.m.–1:00 p.m. Eastern, February 14, 2018 | [Register](#)
- Project 2015-09 – System Operating Limits Standard Drafting Team – February 13–15, 2018, Denver, CO | [Register](#)
- Project 2016-02 – Modifications to CIP Standards Drafting Team Meeting – February 13–15, 2018, Orlando, FL | [Register](#)
- **NEW** Long-Term Planning Standards Efficiency Review Team Meeting – February 20, 2018, Atlanta | [Register](#)
- **NEW** Operations Planning Standards Efficiency Review Team Meeting – February 21, 2018, Atlanta | [Register](#)
- **NEW** Real-Time Planning Standards Efficiency Review Team Meeting – February 22, 2018, Atlanta | [Register](#)
- Project 2017-04 – Periodic Review of Interchange Scheduling and Coordination Standards Team Meeting – February 27–March 1, 2018, Dallas, TX | [Register](#)
- Project 2016-02 – Modifications to CIP Standards Drafting Team Meeting – March 27–29, 2018, Atlanta | [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](#).