

# Standards, Compliance, and Enforcement Bulletin

March 26–April 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
<a href="#">Project 2015-10 Single Points of Failure</a>   TPL-001-5 and Implementation Plan	<a href="#">Additional Ballot, Initial Ballot, and Non-binding Poll</a>	04/13/18	04/23/18
<b>NEW</b> <a href="#">Project 2016-02 – Modifications to CIP Standards</a>   CIP-002-6 Draft 2	<a href="#">Additional Ballot and Non-binding Poll</a>	4/20/18	04/30/18
<b>NEW</b> <a href="#">Project 2016-02 – Modifications to CIP Standards</a>   Control Center Definition and Implementation Plan	<a href="#">Initial Ballots</a>	4/20/18	04/30/18
<b>NEW</b> <a href="#">Project 2016-02 – Modifications to CIP Standards</a>   CIP-012-1 Draft 3	<a href="#">Additional Ballot and Non-binding Poll</a>	4/20/18	04/30/18
<b>NEW</b> <a href="#">Project 2017-06 – Modifications to BAL-002-2</a>   BAL-002-3	<a href="#">Initial Ballot and Non-binding Poll</a>	04/27/18	05/07/18

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

Project	Action	Start Date	End Date
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<b>NEW</b> <a href="#">Project 2016-02 – Modifications to CIP Standards</a>   Control Center Definition and Implementation Plan	<a href="#">Join Ballot Pools</a>	03/16/18	04/16/18
<b>NEW</b> <a href="#">Project 2017-06 – Modifications to BAL-002-2</a>   BAL-002-3	<a href="#">Join Ballot Pools</a>	03/22/18	04/20/18
Posted for Comment			
Project	Action	Start Date	End Date
<a href="#">Project 2015-10 Single Points of Failure</a>   TPL-001-5 and Implementation Plan	<a href="#">Comment Period</a>	02/23/18	04/23/18
<b>NEW</b> <a href="#">Project 2016-02 – Modifications to CIP Standards</a>   CIP-002-6 Draft 2	<a href="#">Comment Period</a>	03/16/18	04/30/18
<b>NEW</b> <a href="#">Project 2016-02 – Modifications to CIP Standards</a>   Control Center Definition and Implementation Plan	<a href="#">Comment Period</a>	03/16/18	04/30/18
<b>NEW</b> <a href="#">Project 2016-02 – Modifications to CIP Standards</a>   CIP-012-1 Draft 3	<a href="#">Comment Period</a>	03/16/18	04/30/18
<b>NEW</b> <a href="#">Project 2017-06 – Modifications to BAL-002-2</a>   BAL-002-3	<a href="#">Comment Period</a>	03/22/18	05/07/18

**OTHER ACTIVE COMMENT PERIODS**

Posted for Comment			
Posting	Action	Start Date	End Date
<b>Comment Period Open for Proposed NERC Rules of Procedure Section 1600 Data Request for GMD Data:</b> On September 22, 2016, the FERC issued <a href="#">Order No. 830</a> approving Reliability Standard TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events. In the Order, FERC also directed NERC, pursuant 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	Submit comments using the <a href="#">electronic form</a> . An <a href="#">unofficial comment form</a> is also available.	02/07/18	03/26/18

<p>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 <a href="#">proposed GMD Data Request</a> 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.</p> <p>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.</p>			
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STANDARDS NEWS

**NEW Nomination Period Open for Guidelines and Technical Basis Review Team**

In support of the [Technical Rationale Transition Plan](#), nominations are being sought for the Guideline and Technical Basis (GTB) Review Team through April 27, 2018.

Use the [electronic form](#) to submit a nomination. If you experience any difficulties using the electronic form, contact [Nasheema Santos](#). An unofficial Word version of the nomination form is posted on the [Standard Drafting Team Vacancies](#) page and the [project page](#).

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](#)

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 one face-to-face meeting 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.

The GTB Review Team will be tasked with identifying GTB containing only technical guidance or Rationale information, and clearly *do not* contain compliance examples or approaches. In addition, they will work with NERC staff to transition those examples of GTB to Technical Rationale. Team members will be designated to the following work teams:

- Cyber Security – CIP
- Operations & Data Exchange – BAL, INT, IRO, TOP
- Personnel & Emergency Planning – COM, EOP, PER
- Modeling & Long-term Planning – FAC, MOD, NUC, TPL
- System Performance – PRC, VAR

Previous team experience is beneficial but not required. See the project page and nomination form for additional information. The Standards Committee is expected to appoint members to the review team in May 2018. Nominees will be notified shortly after they have been appointed.

**NEW Nomination Period Open for Project 2017-01 – Modifications to BAL-003-1.1**

Additional nominations are being sought for members of the Project 2017-01 Modifications to BAL-003-1.1 standard drafting team through March 28, 2018.

Use the [electronic form](#) to submit a nomination. If you experience any difficulties using the electronic form, contact [Nasheema Santos](#). An unofficial Word version of the nomination form is posted on the [Standard Drafting Team Vacancies](#) page and the [project page](#).

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 SDT effort is outreach. Members of the team will be expected to conduct industry outreach during the development process to support a successful ballot.

We are seeking three to four additional members from the industry to participate on the standard drafting team; but in particular, we are seeking individuals who have experience and expertise in the generator segment of the industry. Experience with developing standards inside or outside (e.g., IEEE, NAESB, ANSI, etc.) of the NERC process is beneficial, but is not required, and should be highlighted in the information submitted, if applicable.

Previous drafting team experience is beneficial but not required. See the project page and nomination form for additional information. NERC staff will present nominations to the Standards Committee in April 2018. Nominees will be notified shortly after the appointments have been made.

## GENERAL COMPLIANCE AND ENFORCEMENT NEWS

### **NEW** Newly Enforceable Standards

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

- [IRO-018-1\(i\) – Reliability Coordinator Real-time Reliability Monitoring and Analysis Capabilities](#)
- [TOP-010-1\(i\) – Real-time Reliability Monitoring and Analysis Capabilities](#)

### **NEW** Reliability Standard Audit Worksheets Posed

Two new Reliability Standard Audit Worksheet (RSAW) are now available on the [RSAW page](#) of NERC.com under the heading “Current RSAWs for Use.” The RSAWs for BAL-003-

1.1 – Frequency Response and Bias Settings and INT-004-3.1 – Dynamic Transfers reflect the correct names of the standards.

### 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 Resources Posted**

On March 7, 2018, NERC hosted an “Emerging Technology Roundtable,” an afternoon event with in depth discussions about the integration of technologies to improve the reliable operation of the Bulk Electric System (BES), while addressing and mitigating cyber and physical security risks. Guest presenters focused on BES technology and its reliability benefits, business case matters, cyber/technology risks, and regulatory implications. The [slide presentations](#) from the roundtable have been posted.

**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)
<b>April 1, 2018</b> <b>EFFECTIVE THIS WEEK</b>	<a href="#">IRO-018-1(i) – Reliability Coordinator Real-time Reliability Monitoring and Analysis Capabilities</a>
	<a href="#">TOP-010-1(i) – Real-time Reliability Monitoring and Analysis Capabilities</a>
<b>July 1, 2018</b>	<a href="#">CIP-009-6 – Cyber Security – Recovery Plans for BES Cyber Systems (Requirement 2.3);</a>
	<a href="#">CIP-010-2 – Cyber Security – Configuration Change Management and Vulnerability Assessments (Requirements 3.2, 3.2.1, 3.2.2);</a>
	<a href="#">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);</a>
	<a href="#">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);</a>
	<a href="#">TOP-001-4 – Transmission Operations</a>
	<a href="#">TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirement 2)</a>
<b>September 1, 2018</b>	<a href="#">CIP-003-6 – Cyber Security – Security Management Controls (Requirement 2, Att. 1, Sec. 2 and 3);</a>
<b>January 1, 2019</b>	<a href="#">BAL-005-1 – Balancing Authority Control</a>
	<a href="#">FAC-001-3 – Facility Interconnection Requirements</a>
	<a href="#">TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirement 5)</a>
<b>April 1, 2019</b>	<a href="#">EOP-004-4 – Event Reporting</a>
	<a href="#">EOP-005-3 – System Restoration from Blackstart Resources</a>

	<a href="#">EOP-006-3 – System Restoration Coordination</a> <a href="#">EOP-008-2 – Loss of Control Center Functionality</a>
January 1, 2020	<a href="#">PRC-026-1 – Relay Performance During Stable Power Swings (Requirements 2–4)</a>
July 1, 2020	<a href="#">PRC-002-2 – Disturbance Monitoring and Reporting Requirements (50% compliance for Requirements 2–4, 6–11)</a>
January 1, 2021	<a href="#">PRC-012-2 – Remedial Action Schemes</a>
	<a href="#">TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements 6, 6.1–6.4)</a>
January 1, 2022	<a href="#">TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (Requirements 3,4,7)</a>
July 1, 2022	<a href="#">PRC-002-2 – Disturbance Monitoring and Reporting Requirements (100% compliance for Requirements 2–4, 6–11)</a>
	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 Board Names James B. Robb New President, CEO**

The NERC Board of Trustees announced the appointment of James (Jim) B. Robb as NERC’s new president and chief executive officer on March 16. Robb, who will take over duties on April 9, currently serves as the CEO of the Western Electricity Coordinating Council, a NERC Regional Entity. He assumed the WECC position in 2014.

“The Board is very pleased to have found someone of Jim’s caliber to lead NERC into the future. Choosing a CEO is one of the Board’s most important responsibilities. The Board took this duty very seriously by engaging in a comprehensive, nation-wide search culminating in the unanimous selection of Jim Robb,” said Board Chair Roy Thilly. “We are confident that Jim will provide the combination of strong leadership, vision and commitment to the reliability and security of the bulk power system across North America that is essential to NERC’s continuing success.” For more information, see the [full announcement](#).

**NEW NERC Filings**

On March 16, 2018, NERC and WECC filed with FERC a [joint petition](#) for approval of proposed Regional Reliability Standard FAC-501-WECC-2.

On March 16, 2018, NERC filed with FERC a [petition](#) for approval of proposed Reliability Standard PRC-025-2 – Generator Relay Loadability.

On March 15, 2018, NERC filed with FERC a [petition](#) for approval of the amended Compliance and Certification Committee Charter. 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

- 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

- 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

- Member Representatives Committee Pre-Meeting Conference Call and Informational Webinar – 1:00–2:00 p.m. Eastern, April 10, 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.

- 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](#)
- Operations Planning Standards Efficiency Review Team Conference Call – 10:00 a.m.–Noon 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](#)
- 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](#)
- **NEW** Operations Planning Standards Efficiency Review Team Conference Call – 10:00 a.m.–Noon Eastern, May 14, 2018 | [Register](#)
- **NEW** Long-Term Planning Standards Efficiency Review Team Conference Call – 9:30–11:30 a.m. Eastern, May 15, 2018 | [Register](#)
- **NEW** Real-Time Operations Standards Efficiency Review Team Conference Call – 11:00 a.m.–1:00 p.m. Eastern, May 26, 2018 | [Register](#)
- **NEW** Project 2016-02 – Modifications to CIP Standards Drafting Team Meeting – May 22–24, 2018, Location TBD | [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](#).