

Agenda

Standards Oversight and Technology Committee

May 10, 2017 | 8:30-9:30 a.m. Central

The Ritz-Carlton, St. Louis
100 Carondelet Plaza
St. Louis, MO 63105

Conference Room: Ritz-Carlton Ballroom (Lobby Level)

Call to Order

Introductions and Chair's Remarks

NERC Antitrust Compliance Guidelines

Agenda Items

1. **Minutes* — Approve**
 - a. February 8, 2017 Meeting
2. **Registered Entities and ERO Enterprise IT Applications* — Update**
3. **Guidelines and Technical Basis* — Update**
4. **CIP-013-1 – Cyber Security - Supply Chain Risk Management* — Update**
5. **Reliability Standards Quarterly Status Report* — Review**
6. **Adjournment**

*Background materials included.

Antitrust Compliance Guidelines

I. General

It is NERC's policy and practice to obey the antitrust laws and to avoid all conduct that unreasonably restrains competition. This policy requires the avoidance of any conduct that violates, or that might appear to violate, the antitrust laws. Among other things, the antitrust laws forbid any agreement between or among competitors regarding prices, availability of service, product design, terms of sale, division of markets, allocation of customers or any other activity that unreasonably restrains competition.

It is the responsibility of every NERC participant and employee who may in any way affect NERC's compliance with the antitrust laws to carry out this commitment.

Antitrust laws are complex and subject to court interpretation that can vary over time and from one court to another. The purpose of these guidelines is to alert NERC participants and employees to potential antitrust problems and to set forth policies to be followed with respect to activities that may involve antitrust considerations. In some instances, the NERC policy contained in these guidelines is stricter than the applicable antitrust laws. Any NERC participant or employee who is uncertain about the legal ramifications of a particular course of conduct or who has doubts or concerns about whether NERC's antitrust compliance policy is implicated in any situation should consult NERC's General Counsel immediately.

II. Prohibited Activities

Participants in NERC activities (including those of its committees and subgroups) should refrain from the following when acting in their capacity as participants in NERC activities (e.g., at NERC meetings, conference calls and in informal discussions):

- Discussions involving pricing information, especially margin (profit) and internal cost information and participants' expectations as to their future prices or internal costs.
- Discussions of a participant's marketing strategies.
- Discussions regarding how customers and geographical areas are to be divided among competitors.
- Discussions concerning the exclusion of competitors from markets.
- Discussions concerning boycotting or group refusals to deal with competitors, vendors or suppliers.

- Any other matters that do not clearly fall within these guidelines should be reviewed with NERC's General Counsel before being discussed.

III. Activities That Are Permitted

From time to time decisions or actions of NERC (including those of its committees and subgroups) may have a negative impact on particular entities and thus in that sense adversely impact competition. Decisions and actions by NERC (including its committees and subgroups) should only be undertaken for the purpose of promoting and maintaining the reliability and adequacy of the bulk power system. If you do not have a legitimate purpose consistent with this objective for discussing a matter, please refrain from discussing the matter during NERC meetings and in other NERC-related communications.

You should also ensure that NERC procedures, including those set forth in NERC's Certificate of Incorporation, Bylaws, and Rules of Procedure are followed in conducting NERC business.

In addition, all discussions in NERC meetings and other NERC-related communications should be within the scope of the mandate for or assignment to the particular NERC committee or subgroup, as well as within the scope of the published agenda for the meeting.

No decisions should be made nor any actions taken in NERC activities for the purpose of giving an industry participant or group of participants a competitive advantage over other participants. In particular, decisions with respect to setting, revising, or assessing compliance with NERC reliability standards should not be influenced by anti-competitive motivations.

Subject to the foregoing restrictions, participants in NERC activities may discuss:

- Reliability matters relating to the bulk power system, including operation and planning matters such as establishing or revising reliability standards, special operating procedures, operating transfer capabilities, and plans for new facilities.
- Matters relating to the impact of reliability standards for the bulk power system on electricity markets, and the impact of electricity market operations on the reliability of the bulk power system.
- Proposed filings or other communications with state or federal regulatory authorities or other governmental entities.
- Matters relating to the internal governance, management and operation of NERC, such as nominations for vacant committee positions, budgeting and assessments, and employment matters; and procedural matters such as planning and scheduling meetings.

DRAFT Minutes

Standards Oversight and Technology Committee

February 8, 2017 | 11:00 a.m.–12:00 p.m. Pacific

Westin San Diego
400 West Broadway
San Diego, CA 92101

Mr. Kenneth G. Peterson, Chair, called to order a duly noticed meeting of the Standards Oversight and Technology Committee (the “Committee”) of the Board of Trustees (“Board”) of the North American Electric Reliability Corporation (“NERC”) on February 8, 2017, at 11:00 a.m. Pacific, and a quorum was declared present. The agenda is attached as **Exhibit A**.

Present at the meeting were:

Members

Kenneth G. Peterson, Chair
Paul F. Barber
Kenneth W. DeFontes, Jr.
Frederick W. Gorbet
David Goulding
George Hawkins

Board Members

Janice Case
Gerry W. Cauley, President and Chief Executive Officer
Robert G. Clarke
Jan Schori
Roy Thilly

NERC Staff

Charles A. Berardesco, Senior Vice President, General Counsel, and Corporate Secretary
Tina Buzzard, Associate Director
Howard Gugel, Senior Director of Standards
Stan Hoptroff, Vice President and Chief Technology Officer
Mark Lauby, Senior Vice President and Chief Reliability Officer
Ken McIntyre, Vice President of Standards and Compliance
Marcus Sachs, Senior Vice President and Chief Security Officer
Janet Sena, Senior Vice President and Director of Policy and External Affairs
Michael Walker, Senior Vice President and Chief Financial and Administrative Officer

NERC Antitrust Compliance Guidelines

Mr. Peterson directed the participants’ attention to the NERC Antitrust Compliance Guidelines included with the agenda materials, and stated that any additional questions regarding these guidelines should be directed to Mr. Berardesco.

Minutes

Upon motion duly made and seconded, the Committee approved the minutes of the November 1, 2016 meeting as presented at the meeting.

Standards Oversight and Technology Committee Self-Assessment Results

Mr. Peterson reviewed the self-assessment results, which were included in the advance agenda package. He asked the Committee to consider whether there should be a future question regarding Committee oversight of cost effectiveness in standards.

ERO Enterprise IT Application Strategy Update

Mr. Hoptroff provided an overview of the ERO Enterprise IT Application Strategy, referencing the detailed materials that had been included in the advance agenda package. He reviewed the status of ERO Enterprise IT projects, E-ISAC IT projects, and NERC corporate IT projects. Mr. Hoptroff discussed the cost/benefit analysis being utilized, focusing on six factors. He reviewed the timeline for projects and priorities for future years. Mr. Peterson noted that the Committee would likely discontinue the use of the Committee's IT subgroup, as there is enhanced visibility for the entire Committee into the status of projects.

Functional Model

Mr. Gugel provided an overview of efforts to review the NERC Functional Model. He discussed the development and use of the Functional Model in the context of changes in the industry structure, and outlined the different functions included in the Model. Mr. Gugel summarized the work of the Function Model task force to this point, and noted that additional input is necessary. At this time, management is recommending the focus be on aligning terms across the various ERO documents. The Committee, in discussing the update, provided general support for the management recommendation.

Cyber Security Supply Chain Management Standard

Mr. Gugel provided an update on the development of the cyber security supply chain standard, including the required filing date in September, the status of balloting, the draft requirements, and the plan to bring the standard to the Board for approval at its August meeting. The Committee engaged in a discussion of aspects of the draft standard.

Guidelines and Technical Basis

Mr. Gugel provided an overview of the Guidance and Technical Basis ("GTB") information included as background for some standards, noting that the purpose of GTB was to allow a standard drafting team to articulate the technical basis for requirements, but not to provide specific guidance on compliance with requirements. He noted that GTB can be a useful tool for standard drafting team, but that there should be additional clarity around its use, and management is working with the Standards Committee to provide that clarity. Mr. McIntyre noted that there is always an opportunity for a stakeholder to use GTB as the basis for a submission of potential Implementation Guidance.

Reliability Standards Quarterly Status Report

Mr. Gugel presented the Reliability Standards Quarterly Status Report, referencing the detailed materials that had been included in the advance agenda package. He reviewed the status of FERC standards-related directives, the schedule for submission of standards to the Board during 2017 and the trend in the number of actual requirements in standards.

Adjournment

There being no further business, and upon motion duly made and seconded, the meeting was adjourned.

Submitted by,

A handwritten signature in black ink, appearing to read 'Charles A. Berardesco', written in a cursive style.

Charles A. Berardesco
Corporate Secretary

Agenda

Standards Oversight and Technology Committee

February 8, 2017 | 11:00 a.m.-12:30 p.m. Pacific

Westin San Diego
400 West Broadway
San Diego, CA 92101

Conference Room: Emerald Ballroom (2nd floor)

Call to Order

Introductions and Chair's Remarks

NERC Antitrust Compliance Guidelines

Agenda Items

1. **Minutes* — Approve**
 - a. November 1, 2016 Meeting
2. **Standards Oversight and Technology Committee Self-Assessment Results* — Review**
3. **ERO Enterprise IT Application Strategy Update* — Review**
4. **Functional Model* — Update**
5. **Cyber Security Supply Chain Management Standard* — Update**
6. **Guidelines and Technical Basis* — Update**
7. **Reliability Standards Quarterly Status Report* — Review**
8. **Adjournment**

*Background materials included.

Registered Entities and ERO Enterprise IT Applications

Action Update

Background

At the February Standards Oversight and Technology Committee (SOTC) Open meeting, management provided an update on projects currently planned or underway for the following groups:

- Registered Entities
- Regional Entities
- Electricity Information Sharing and Analysis Center (E-ISAC)
- NERC Corporate

Since the open meeting in February 2017, several ERO Enterprise projects have concluded, including the replacement of the User Management Program (UMP) with the User Management and Records (UMR) system. The UMR application provides registration and vetting services for persons requesting access to various NERC and ERO Enterprise applications, in addition to managing access to the mass email lists commonly known as “Lyris Lists.” NERC has also created a data warehouse to store generation and other critical data for more refined analysis, along with a new generation data analysis system to capture wind turbine data generation. Also, improvements have been made to the E-ISAC portal and a data repository to be used by the E-ISAC to analyze data gathered by the Cybersecurity Risk Information Sharing Program.

Projects currently underway include the implementation of a new portal platform for the E-ISAC, a new system to enable the registration and management of registered entities and improvements to NERC’s public-facing website.

We continue to make progress on the selection and implementation of a new technology solution and process changes for the Compliance Monitoring and Enforcement Program (CMEP). The ERO Enterprise Technology Leadership Team (ERO TLT) will ensure the value exists for such an investment to merit implementation of a common tool. Investments in this area will be analyzed through the review of a detailed business case by the newly formed CMEP Technology Program Executive Committee. The members of the committee include Lane Lanford (Texas RE), Tim Gallagher (ReliabilityFirst), Ed Schwerdt (NPCC), Gerry Cauley (NERC), and Stan Hoptroff (NERC).

Additionally, Dan Skaar (MRO), is chairing a newly formed steering committee that has selected a consulting partner to aid in tool(s) selection and provide implementation assistance.

The CMEP tool project is expected to provide the following key benefits:

- Ensure consistency in practices and data gathering by aligning common CMEP business processes across the ERO Enterprise
- Improve the effectiveness of the ERO Enterprise by improving the ability to share and analyze reliability risk and compliance information
- Increase efficiency of compliance work activities across the ERO Enterprise through the use of workflows and collaboration tools
- Assist the ERO Enterprise in meeting applicable requirements of generally accepted professional standards, as well as requirements established through the Rules of Procedure
- Reduce total combined NERC and Regional Entity IT capital investments and maintenance cost for CMEP related applications
- Enable easier data entry and access to information for registered entities

In 2017 and the coming years, management will place enhanced emphasis on IT project cost/benefit analyses, registered entity and Regional Entity applications and infrastructure, NERC's public-facing website, and CMEP. In addition, NERC will continue the trend of improving and enhancing the ERO's analytical capabilities by continuing to focus on gathering, refining, and managing reliability data. The 2017 budget and 2018 budget submission is primarily focused on two key new functionality initiatives, Entity Registration and CMEP, as discussed above. Items forecasted in the 2019–2020 budget include continuation of Entity Registration, CMEP, Wind GAR, Alerts, and replacement or re-write of the Reliability Coordinator Information System (RCIS).

The draft ERO Enterprise Applications and Infrastructure Support budget for 2018 is flat when compared to 2017, as is the budget for NERC Applications and Infrastructure Support. In 2019, the ERO Enterprise Applications and Infrastructure Support Budget and NERC Applications and Infrastructure Support increase slightly in support of new applications noted above.

There are no new major functionality items planned for NERC's internal corporate IT needs in the 2018-2020 time period. Ongoing implementation of the document management program is expected to continue into 2018 as we deploy the technology platform to the few remaining departments and work to fully integrate the program across the company.

We will continue to manage and deliver IT projects supporting NERC's E-ISAC business needs. Projects include the delivery and enhancements to a new stakeholder and member portal for the E-ISAC, additional tools for communications, e.g., two-way radio frequency (RF) devices, and additional tools and equipment for data analytics. We will also determine if the E-ISAC has unique document management requirements that would require a separate document management solution from the NERC corporate solution.

Guidelines and Technical Basis

Action Update

Background

The Reliability Standards template includes a Guidelines and Technical Basis (GTB) section to provide standard drafting teams a mechanism to: (i) explain the technical basis for the associated Reliability Standard (and Requirements therein); and (ii) provide technical guidance to help support effective application of the associated Reliability Standard. With the enactment of the [Compliance Guidance Policy](#), the ERO has determined to further clarify the principles, development, and use of GTB. To that end, NERC staff and the Standards Committee (SC) leadership are drafting policy guidance, which will be presented for endorsement by the SC.

Summary

A summary of this collaboration will be presented. NERC staff and the SC leadership expect to finalize this document and present it to the SC for endorsement at its June 2017 meeting. The document and resulting actions will be presented at the August 2017 Standards Oversight and Technology Committee meeting.

Should an entity seek ERO Enterprise endorsement of a particular compliance approach, it should submit Implementation Guidance for ERO Enterprise consideration, consistent with NERC's Compliance Guidance Policy. In summary, the Compliance Guidance Policy provides stakeholders with the following process:

Implementation Guidance provides a means for registered entities to develop examples or approaches to illustrate how registered entities could comply with a standard that are vetted by industry and endorsed by the ERO Enterprise. The examples provided in the Implementation Guidance are not exclusive, as there are likely other methods for implementing a standard. The ERO Enterprise's endorsement of an example means the ERO Enterprise Compliance Monitoring and Enforcement Program staff will give these examples deference when conducting compliance monitoring activities. Registered entities can rely upon the example and be reasonably assured that compliance requirements will be met with the understanding that compliance determinations depend on facts, circumstances, and system configurations.

CIP-013-1 – Cyber Security - Supply Chain Risk Management

Action Update

Background

On July 21, 2016, the Federal Energy Regulatory Commission (Commission) issued Order No. 829, directing NERC to develop a new or modified Reliability Standard that addresses supply chain risk management for industrial control system hardware, software, and computing and networking services associated with Bulk Electric System (BES) operations, as follows:

The Commission directs] NERC to develop a forward-looking, objective-based Reliability Standard to require each affected entity to develop and implement a plan that includes security controls for supply chain management for industrial control system hardware, software, and services associated with bulk electric system operations. The new or modified Reliability Standard should address the following security objectives, [discussed in detail in the Order]: (1) software integrity and authenticity; (2) vendor remote access; (3) information system planning; and (4) vendor risk management and procurement controls.

The Commission established a filing deadline of one year from the effective date of Order No. 829, which is September 27, 2017.

Summary

Following the issuance of Order No. 829, NERC staff initiated Reliability Standards Project 2016-03 to develop a supply chain risk management standard. On January 19, 2017, NERC posted an initial draft of new Reliability Standard CIP-013-1 to address the Commission's directive for a 45-day comment period and ballot. The initial comment period and ballot closed on March 6, 2017, resulting in an affirmative vote of 10.36 percent. NERC expects to post a revised draft of CIP-013-1 for an additional comment period and ballot in late April 2017, which would close in late May or early June 2017. Based on comments on the initial draft, the standard drafting team (SDT) is also making significant industry-responsive modifications to the drafts as follows:

1. Requirements that relate to assets meeting "Low Impact" thresholds are being removed from draft CIP-013-1 and moved to CIP-003-7, which is consistent with the current structure of the CIP Reliability Standards that keeps all of the requirements applicable to those assets being located in one standard. Draft CIP-013-1 will only apply to assets meeting "High and Medium Impact" thresholds.
2. Certain operational components related to the FERC directives (namely, vendor remote access monitoring, responding to malicious activity during vendor remote access, and actions to verify software authenticity and integrity) are also being removed from draft CIP-013-1 and added as modifications to existing CIP standards.

3. As a result of the above, the draft CIP-013-1 Reliability Standard will be tailored to address the procurement-related items from Order No. 829.

NERC anticipates presenting the proposed standard to the Board of Trustees for adoption at or before the Board of Trustees' meeting in August 2017. Should the need arise to shorten the 45-day posting requirement in the Standard Processes Manual for additional comment periods, NERC staff will work with the Standards Committee to obtain the necessary waivers.

Reliability Standards Quarterly Status Report

Action

Review

Background

Attached is the Reliability Standards Quarterly Status Report. Highlights include:

- **Standards Development Forecast**
 - Forecasts the NERC Reliability Standards anticipated for completion and submission to the NERC Board of Trustees for adoption through February 2018. This section also includes a listing of all standards development projects with regulatory directives.
- **Regulatory Directives Update**
 - Provides a summary of standards-related FERC directives and details NERC filings to FERC in support of standards development. This section provides a summary update based on the previous quarter.
- **Standards Committee Report**
 - Provides a summary of Standards Committee activity in the previous quarter.

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Agenda Item 5
Standards Oversight and
Technology Committee Meeting
May 10, 2017

Reliability Standards

Standards Oversight and Technology Quarterly
Report

May 11, 2017

RELIABILITY | ACCOUNTABILITY



3353 Peachtree Road NE
Suite 600, North Tower
Atlanta, GA 30326
404-446-2560 | www.nerc.com

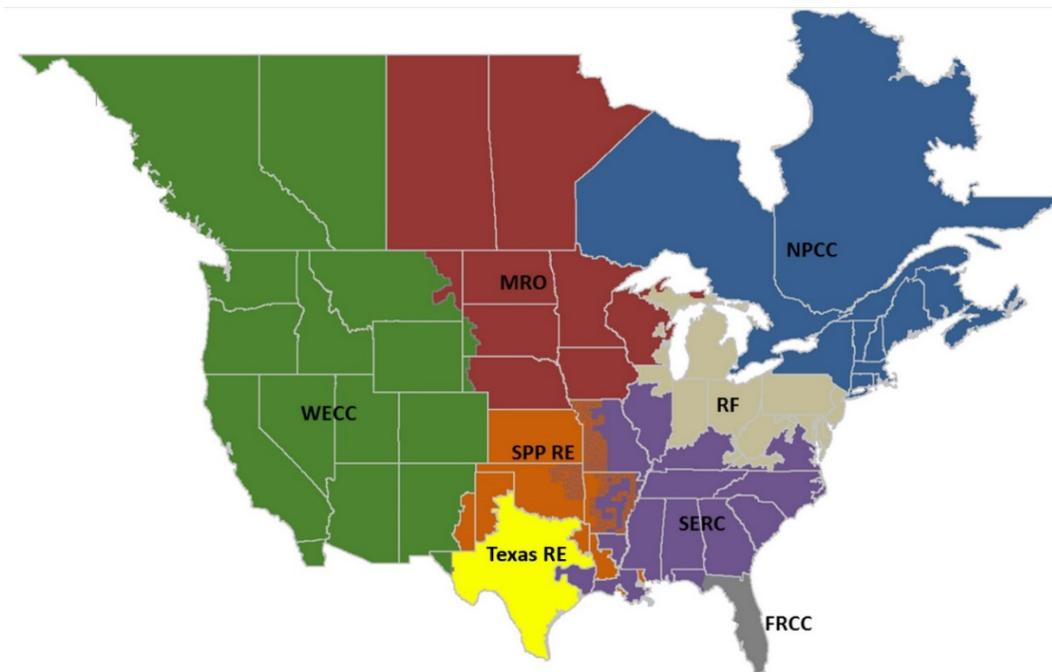
Table of Contents

Preface.....	iii
Standards Development Forecast (Continent-wide).....	1
Board Forecast for Standard Projects in Active Development	1
February 2017	1
May 2017.....	1
August 2017	1
November 2017.....	1
Projects with Regulatory Directives.....	1
Regulatory Update.....	2
Standards Committee Report.....	5

Preface

The North American Electric Reliability Corporation (NERC) is a not-for-profit international regulatory authority whose mission is to ensure the reliability of the bulk power system (BPS) in North America. NERC develops and enforces Reliability Standards; annually assesses seasonal and long-term reliability; monitors the BPS through system awareness; and educates, trains, and certifies industry personnel. NERC’s area of responsibility spans the continental United States, Canada, and the northern portion of Baja California, Mexico. NERC is the electric reliability organization (ERO) for North America, subject to oversight by the Federal Energy Regulatory Commission (FERC) and governmental authorities in Canada. NERC’s jurisdiction includes users, owners, and operators of the BPS, which serves more than 334 million people.

The North American BPS is divided into the eight Regional Entity (RE) boundaries, as shown in the map and corresponding table below.



The North American BPS is divided into eight RE boundaries. The highlighted areas denote overlap as some load-serving entities participate in one Region while associated transmission owners/operators participate in another.

FRCC	Florida Reliability Coordinating Council
MRO	Midwest Reliability Organization
NPCC	Northeast Power Coordinating Council
RF	ReliabilityFirst
SERC	SERC Reliability Corporation
SPP RE	Southwest Power Pool Regional Entity
Texas RE	Texas Reliability Entity
WECC	Western Electricity Coordinating Council

Standards Development Forecast (Continent-wide)

Board Forecast for Standard Projects in Active Development

May 2017

- None

August 2017

- Project 2016-03: Cyber Security Supply Chain Management

November 2017

- Project 2016-EPR-01: Enhanced Periodic Review of Personnel Performance, Training, and Qualifications Standards (PER Standards)

February 2018

- Project 2016-02: Modifications to CIP Standards (Revisions unrelated to Definition of “Low Impact External Routable Connectivity”)
- 2016-04: Modifications to PRC-025-1
- Project 2015-09: Establish and Communicate System Operating Limits (FAC-010, FAC-011, FAC-014)
- Project 2015-10: Single Points of Failure (TPL-001)

Projects with Regulatory Directives

Table 1, below, lists the current projects with regulatory directives. As of December 31, 2016, there were 11 standards-related directives to be resolved through standards development activities. (Not including non-standards related directives).

Table 1: Projects with Regulatory Directives		
Project	Regulatory Directives	Regulatory Deadline
Project 2013-03 Geomagnetic Disturbance Mitigation	4	6/4/2018
Project 2015-09 Establish and Communicate System Operating Limits	2	N/A
Project 2015-10 Single Points of Failure	2	N/A
Project 2016-02 Modifications to CIP Standards (Revisions unrelated to Definition of “Low Impact External Routable Connectivity”)	2	N/A
Project 2016-03 Cyber Security Supply Chain Management	1	9/27/2017

Regulatory Update

NERC Regulatory Update- Standards January 1, 2017 – March 31, 2017

NERC FILINGS TO FERC

FERC Docket No.	Filing Description	FERC Submittal Date
RR09-6-003	2017 NERC Standards Report, Status and Timetable for Addressing Regulatory Directives NERC submits the 2017 NERC Standards Report, Status and Timetable for Addressing Regulatory Directives. This annual report is in accordance with Section 321.6 of the NERC Rules of Procedure.	3/31/2017
TBD	Petition of NERC for Approval of Proposed Emergency Operations Reliability Standards NERC submits a petition for approval of proposed Emergency Operations ("EOP") Reliability Standards EOP-004-4 (<i>Event Reporting</i>), EOP-005-3 (<i>System Restoration from Blackstart Resources</i>), EOP-006-3 (<i>System Restoration Coordination</i>), and EOP-008-2 (<i>Loss of Control Center Functionality</i>).	3/27/2017
RD17-5-000	Joint Petition of NERC and WECC for Approval of Proposed Regional Reliability Standard VAR-501-WECC-3 NERC and the Western Electricity Coordinating Council (WECC) submit a joint petition for approval regional Reliability Standard VAR-501-WECC-3 (<i>Power System Stabilizers</i>).	3/10/2017
RD13-12-000	Informational Filing of NERC Regarding Regional Reliability Standard BAL-001-TRE-1 NERC submits an informational filing in reference to revisions to the Texas Regional Entity, Inc.'s ("Texas RE") Primary Frequency Response Reference Document.	3/6/2017
RR17-3-000	Petition of NERC for Approval of Amendments to Texas RE Bylaws and Regional SDP NERC submits a petition for approval of amendments to the Texas RE Bylaws and Regional Reliability Standards Development Process.	3/6/2017
RD17-4-000	Petition of NERC for Approval of Proposed Reliability Standards IRO-002-5 and TOP-001-4 NERC submits a petition for approval of proposed Reliability Standards IRO-002-5 (<i>Reliability Coordination - Monitoring and Analysis</i>) and TOP-001-4 (<i>Transmission Operations</i>).	3/6/2017
RM17-11-000	Petition of NERC for Approval of Proposed Reliability Standard CIP-003-7 NERC submits a petition for approval of proposed Reliability Standard CIP-003-7 (<i>Cyber Security - Security Management Controls</i>).	3/3/2017

AD17-9-000	Comments of NERC in Opposition to Petition for Rulemaking NERC submits comments in opposition to the Foundation for Resilient Societies Petition filed with FERC for proposed Rulemaking to require an enhanced Reliability Standard to detect, report, mitigate, and remove malware from the Bulk-Power System.	2/17/2017
RM16-23-000 and AD16-20-000	Comments of NERC in Response to Storage NOPR NERC submits comments in response to Notice of Proposed Rulemaking (NOPR) regarding the Commission proposing to amend its regulations under the Federal Power Act to remove barriers to the participation of electric storage resources and distributed energy resource aggregators in the capacity, energy, and ancillary service markets operated by regional transmission organizations and independent system operators. Specifically, NERC submits comments on whether the Reliability Standards pose a barrier to the participation of such resources in the markets.	2/13/2017
RM13-6-000	Notice of Withdrawal of Petition for Approval of Interpretation to Reliability Standard BAL-002-1 NERC submits a Notice of Withdrawal of Petition for Approval of Interpretation to Reliability Standard BAL-002-1 (<i>Disturbance Control Performance</i>) filed in Docket No. RM13-6-000.	2/2/2017
RM16-6-000	Comments of NERC in Response to Primary Frequency Response NOPR NERC submits comments in response to the Commission's NOPR regarding revisions to FERC's rules and regulations on primary frequency response.	1/24/2017

FERC ISSUANCES

(any standard development related directives or proposed directives are noted in the summary)

FERC Docket No.	Issuance Description	FERC Issuance Date
RD16-10-000	Letter Order Approving Retirement of Regional Reliability Standard TOP-007-WECC-1a FERC issued a letter order approving the retirement of regional Reliability Standard TOP-007-WECC-1a (<i>System Operating Limits</i>).	3/10/2017
RM16-13-000	Data Request in Response to Petition for Approval of Proposed Reliability Standards BAL-005-1 and FAC-001-3 FERC issued a data request seeking additional information regarding the current practices of a representative sample of entities potentially affected by the revised Reliability Standards BAL-005-1 (<i>Balancing Authority Control</i>) and FAC-001-3 (<i>Facility Interconnection Requirements</i>).	3/7/2017
RR17-1-000	Letter Order Approved Amendments to FRCC Regional Reliability SDPM FERC issues a delegated order approving amendments to Florida Reliability Coordinating Council, Inc. (FRCC) Regional Reliability Standards Development Process Manual (SDPM).	3/3/2017

RD17-3-000	Letter Order Approving an Interpretation to Regional Reliability Standard BAL-002-WECC-2a FERC issues a delegated order approving an interpretation of regional Reliability Standard BAL-002-WECC-2a.	1/24/2017
RM16-7-000	Order No. 835 Approving Reliability Standard BAL-002-2 FERC issues a final rule approving Reliability Standard BAL-002-2 (<i>Disturbance Control - Contingency Reserve for Recovery from a Balancing Contingency Event</i>), eight new or revised definitions to be included in the NERC Glossary, retirement of currently-effective Reliability Standard BAL-002-1, associated violation risk factors and violation severity levels, and implementation plan.	1/19/2017
RM16-20-000	Notice of Proposed Rulemaking Proposing to Approve Reliability Standard PRC-012-2 FERC issues a NOPR proposing to approve Reliability Standard PRC-012-2 (<i>Remedial Action Schemes</i>).	1/19/2017
RM15-11-001	Order No. 830-A Denying Rehearing FERC issues an order denying four rehearing requests of Order No. 830, which approved Reliability Standard TPL-007-1 (<i>Transmission System Planned Performance for Geomagnetic Disturbance Events</i>).	1/19/2017
RD17-1-000	Letter Order Approving Retirement for Reliability Standard BAL-004-0 FERC issues a letter order approving the retirement of Reliability Standard BAL-004-0 (<i>Time Error Correction</i>).	1/18/2017

Standards Committee Report

Background

This report highlights some of the key activities of the Standards Committee (SC) during the first quarter of 2017.

Summary

At its March 15, 2017 meeting, the SC approved for posting and ballot of revisions to Sections 6, 7, and 11 of the Standard Processes Manual. The revisions to Section 6 provide the NERC technical committees more input into field tests, while the revisions to Sections 7 and 11 refine the processes related to interpretations and the posting of technical papers developed after the Reliability Standards process.

The leadership of the SC and NERC staff continue to work on an approach for the development of technical guidance developed during the Reliability Standards development process and hope to have a proposal for SC review in June.

The leadership of the SC and the Project Management and Oversight Subcommittee liaisons are working with the leadership of the Supply Chain standard drafting team and NERC staff to ensure all reasonable and practicable efforts are taken to develop a stakeholder-approved Reliability Standard before the Federal Energy Regulatory Commission deadline.

Notification of Standards Committee Special Election Results

As a result of an SC special election ending August 3, 2016 to fill a vacancy in Segment 9 for the 2016-2017 term, the following new representative has been elected. The term expires on December 31, 2017.

- Alexander Vedvik, Senior Electrical Engineer, Public Service Commission of Wisconsin

As a result of an SC special election ending February 27, 2017 to fill a vacancy in Segment 9 for the 2017-2018 term, the following new representative has been elected. The term expires on December 31, 2018.

- Michael Marchand, Senior Policy Analyst, Arkansas Public Service Commission