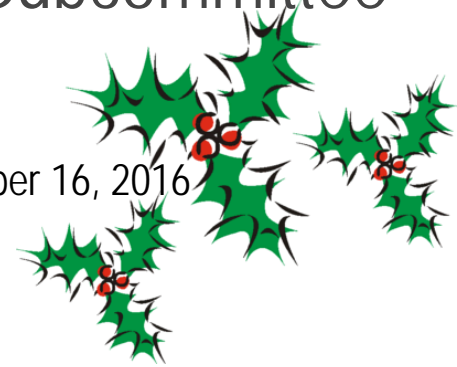




Reliability Standards and Compliance Subcommittee

December 16, 2016





- 1) Administration
 - a. Call to Order / Role Call
 - b. Review of Administrative Documents:
 - i. Antitrust Guidelines
 - ii. Code of Conduct
 - iii. Compliance Disclaimer
 - iv. Media Statement
 - c. Additions to / approval of the Agenda
 - d. Review and approval of the Minutes from the November 17, 2016 RSCS meeting



2) PJM Compliance Activities:

a. Manual Updates

i) Manual 40 – Ms. Sauerwine



2) PJM Compliance Activities:

b. Open Standards Drafting Team positions

[Program Areas & Departments > Standards > Drafting Team Vacancies](#)

Drafting Team Vacancies

Additional subject matter experts are occasionally sought for project drafting teams. Participation on drafting teams provides stakeholders an excellent opportunity to become familiar with the standards development process, play a pivotal role in improving electric reliability, and interact with industry peers.

Industry stakeholders can nominate themselves or others for consideration by the Standards Committee. By submitting a nomination for a drafting team, you are indicating your willingness and agreement to actively participate in the standards development process and in drafting team meetings. If appointed by the Standards Committee, you are expected to attend most of the face-to-face meetings as well as participate in the meetings held via conference call.

The [Standard Processes Manual](#) provides information on the process and drafting team participation.

Previous drafting team experience is beneficial, but not required. A brief description of the desired qualifications, expected commitment, and other pertinent information is included on the project page and the nomination form, which can be accessed via the links below.

Project Name	Links	Dates
Project 2016-04 Modifications to PRC-025-1 Unofficial Nomination Form (Word)	Info Submit Nominations	12/06/16 - 12/19/16



2) PJM Compliance Activities (cont.):

- c) Mr. Kappagantula's update on PJM's plans for language changes to Manual 01 to address concerns raised by Requirement 3 of IRO-010-2.

- 4) NERC and Regional Activities
 - a. Committee Updates (Mr. Moleski)
 - b. Standards Under Development (Mr. Kappagantula)



NERC Standards Under Development

Standards	Project	Activity	Due Date
EOP-004-4	<p>Project 2015-08 Emergency Operations</p> <p>Part of the Emergency Operations Periodic Review Team (Project 2015-02) performed a comprehensive review of a subset of Emergency Operations Standards (EOP-004, EOP-005, EOP-006 and EOP-008) to evaluate, for example, whether the requirements are clear and unambiguous. The Periodic Review included background information, along with any associated worksheets or reference documents, to guide a comprehensive review that resulted in the following recommendations:</p> <p>EOP-004-4 v1 Revise the standard to remove mention of weekends and now just says by the end of next business day</p> <p>EOP-004 has a separate Ballot and Commenting period from the other EOP standards that were reviewed</p>	Ballot and Comments	1/6/2017



NERC Standards Subject to Future Enforcement

- January 1, 2017
 - IRO-010-2 – Reliability Coordinator Data Specification and Collection (R1 and R2)
 - TOP-003-3 – Operational Reliability Data (All Requirements but R5)



NERC Standards Subject to Future Enforcement

- April 1, 2017
 - EOP-004-3 – Event Reporting
 - EOP-010-1 – Geomagnetic Disturbance Operations (Requirement 2)
 - EOP-011-1 – Emergency Operations
 - FAC-010-3 - System Operating Limits Methodology for the Planning Horizon
 - FAC-011-3 - System Operating Limits Methodology for the Operations Horizon
 - IRO-001-4 – Reliability Coordination – Responsibilities
 - IRO-002-4 - Reliability Coordination — Monitoring and Analysis
 - IRO-008-2 – Reliability Coordinator Operational Analyses and Real-time Assessments
 - IRO-010-2 – Reliability Coordinator Data Specification and Collection (R3)
 - IRO-014-3 — Coordination Among Reliability Coordinators
 - IRO-017-1 — Outage Coordination
 - MOD-029-2a – Rated System Path Methodology
 - MOD-030-3 – Flowgate Methodology



NERC Standards Subject to Future Enforcement

- April 1, 2017 (continued)
 - PRC-010-1 – Undervoltage Load Shedding
 - PRC-015-1 - Remedial Action Scheme Data and Documentation
 - PRC-016-1 - Remedial Action Scheme Misoperations
 - PRC-017-1 - Remedial Action Scheme Maintenance and Testing
 - PRC-023-4 - Transmission Relay Loadability
 - TOP-001-3 – Transmission Operations
 - TOP-002-4 – Operations Planning
 - TOP-003-3 – Operational Reliability Data (R5)
- April 2, 2017
 - PRC-004-5(i) - Protection System Misoperation Identification and Correction
 - PRC-010-2 – Undervoltage Load Shedding

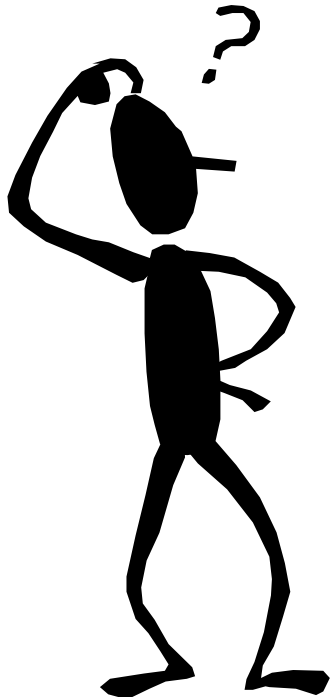


NERC Standards Subject to Future Enforcement

- July 1, 2017
 - MOD-033-1 - Steady-State and Dynamic System Model Validation
- January 1, 2018
 - PRC-026-1 – Relay Performance During Stable Power Swings (R1)
- July 1, 2018
 - MOD-026-1 – Verification of Models and Data for Generator Excitation Control System or Plant Volt/Var Control Functions (Requirements R2, 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 R2, 2.1–2.1.5)
- January 1, 2020
 - PRC-026-1 – Relay Performance During Stable Power Swings (R2-R4)



5. Member Issues





*Happy
Holidays*