



Reliability Standards and Compliance Subcommittee

February 16, 2017



- 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 January 20, 2017 RSCS meeting



2) PJM Compliance Activities:

a. Manual Updates

i)



2) PJM Compliance Activities:

b. NERC Standard Drafting Team Vacancies

[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
None at this time		



2) PJM Compliance Activities (cont.):

- c) Update of 2016 TPL compliance including the 2016 RTEP Baseline Assessment and associated documents.



- 4) **NERC and Regional Activities**
 - a. Committee Updates (Mr. Holman)
 - b. Standards Under Development (Mr. Walker)

- NOPR on PRC-012-2
 - Purpose of PRC-012-2:
 - To ensure that Remedial Action Schemes (RAS) do not introduce unintentional or unacceptable reliability risks to the Bulk Electric System (BES).
 - FERC proposed to approve PRC-012-2
 - To withdraw PRC-012-1, PRC-013-1 and PRC-014-1
 - To retire PRC-015-1 and PRC-016-1

- FERC requests comment on:
 - That PRC-012-2 will not modify system performance obligations under TPL-001-4 for “limited impact” RAS (NOPR para. 16)
 - Whether “limited impact RAS” should be a defined term. (NOPR para. 17)
- SRC is compiling industry wide comments.
- PJM is reviewing internally.
- Comments due to FERC 10 April



NERC Standards Under Development

Standards	Project	Activity	Due Date
PER-003-1 PER-004-2	<p data-bbox="241 438 1648 527">Project 2016-EPR-01 Enhanced Periodic Review of Personnel Performance, Training, and Qualifications Standards</p> <p data-bbox="241 576 1648 950">The purpose of this project is to conduct a periodic review of a subset of Personnel Performance, Training, and Qualifications (PER) Reliability Standards. The periodic review comprehensively reviews standards to evaluate, for example, whether the requirements are clear and unambiguous. The periodic review will include background information, along with any associated worksheets or reference documents, to guide a comprehensive review that results in a recommendation. The Periodic Review Team recommends the following:</p> <ol data-bbox="241 1006 1648 1088" style="list-style-type: none">1. Revisions to PER-003-1 to add clarification regarding NERC Cert. Program2. Retire PER-004-2 <p data-bbox="241 1144 1648 1185">PJM SME's agree with the PRT Recommendations</p>	Comment Period	2/23/2017



NERC Standards Subject to Future Enforcement

➤ April 1, 2017

- EOP-004-3 – Event Reporting
- EOP-010-1 – Geomagnetic Disturbance Operations (R2)
- EOP-011-1 – Emergency Operations – **M-13 Revisions**
- 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 – **M-37 Revisions**
- IRO-008-2 – Reliability Coordinator Operational Analyses and Real-time Assessments
- IRO-010-2 – Reliability Coordinator Data Specification and Collection (R3) – **M-1 and M-38 Revisions**
- IRO-014-3 — Coordination Among Reliability Coordinators
- IRO-017-1 — Outage Coordination – **M-38 Revisions**
- 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) – **M-1 and M-38 Revisions**
- 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 – **M-14B Revisions**
 - TPL-007-1 - Transmission System Planned Performance for Geomagnetic Disturbance Events (R1)
- October 1, 2017
 - COM-001-3 – Communications
- January 1, 2018
 - PRC-026-1 – Relay Performance During Stable Power Swings (R1)
- April 1, 2018
 - IRO-018-1 – Reliability Coordinator Real-time Reliability Monitoring and Analysis Capabilities
 - IRO-018-1(i) – Reliability Coordinator Real-time Reliability Monitoring and Analysis Capabilities
 - TOP-010-1 – Real-time Reliability Monitoring and Analysis Capabilities

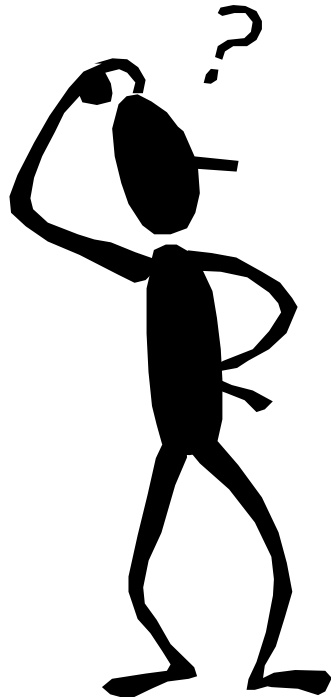


NERC Standards Subject to Future Enforcement

- July 1, 2018
 - MOD-026-1 – Verification of Models and Data for Generator Excitation Control System or Plant Volt/Var Control Functions (Requirements R2, R2.1 – R2.1.6)
 - MOD-027-1 – Verification of Models and Data for Turbine/Governor and Load Control or Active Power/Frequency Control Functions (R2, R2.1 – R2.1.5)
 - TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R2)
- January 1, 2019
 - TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R5)
- January 1, 2021
 - PRC-026-1 – Relay Performance During Stable Power Swings (R2 - R4)
 - TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R6)
- January 1, 2022
 - TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R3, R4, R7)



Member Issues





Thank You!