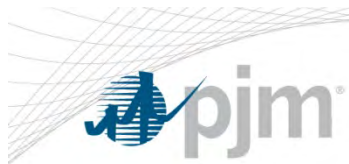


# Reliability Standards and Compliance Subcommittee

August 20, 2015

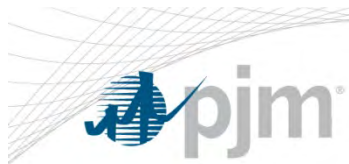


## 1. Administration:

- 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 July RSCS meeting.

## 2. PJM Compliance activities:

- a) Manual Updates:
  - i. Mr. Schweizer will review Manual 10
  - ii. Mr. Schweizer will review Manual 14D
- b) Review of the 2016 RSCS Meeting Schedule (Mr. Moleski)
- c) Review of PJM's TO Compliance Contact request. (Mr. Moleski)
- d) Review CBs 18 & 20 (Ms. Monzon)
- e) Update on PJM's 2016 NERC Operations / Planning Audit. (Mr. Holman)



## PJM Compliance Activities (cont.)

- f) Review of changes to the RSCS pages on [pjm.com](http://pjm.com) (Mr. Moleski)
- g) Review of Compliance Bulletin 16 (Mr. Harm)
- h) Review of BAL-002-2 (Mr. Scanlon, Mr. Rust)

### 3)FERC Activities:

Mr. Holman will provide an update to the membership on the activities, issues, and items of interest regarding FERC activities.

### 4)NERC Activities

- a) Committee Updates (Mr. Holman)
- b) Standards under Development (Mr. Kuras)



# NERC Standards Under Development

Standards	Project	Activity	Due Date
<b>BAL-002-2</b>	<p><b>Project 2010-14.1 Phase 1 of Balancing Authority Reliability-based Controls: Reserves</b></p> <p>The purpose of this project is to ensure that BA take actions to maintain interconnection frequency with each BA contributing its fair share to frequency control.</p> <p>This project is intended to address the following:</p> <ul style="list-style-type: none"> <li>• FERC Final Rule “Mandatory Reliability Standards for the Bulk-Power System, FERC Order 693” on the NERC standard BAL-002</li> <li>• Issues raised by stakeholders and compliance teams related to BAL-001-0.1a Real Power Balancing Control Performance and BAL-002-1 Disturbance Control Performance</li> <li>• To ensure that when finalized, the standards associated with this project conform to the latest versions of NERC’s Reliability Standards Development Procedure</li> </ul>	<p><b>Comments Close</b></p> <p><b>Ballot Period</b></p>	<p><b>8/20/15</b></p> <p><b>8/11/15-8/20/15</b></p>



# NERC Standards Under Development

Standards	Project	Activity	Due Date
<b>BAL-005-0.2b</b> <b>BAL-006-2</b> <b>FAC-001-1</b>	<p><b>Project 2010-14.2.1 Phase 2 of Balancing Authority Reliability-based Controls</b></p> <p>BARC 2 Periodic Review Team (PRT) recommended to revise BAL-005-0.2b and BAL-006-2. First Drafts of BAL-005-1, BAL-006-3, and FAC-001-3 are posted for comments. Revisions to existing versions include the following:</p> <ol style="list-style-type: none"> <li>BAL-005-1: Retiring several requirements and moving/merging content of the remaining requirements. Previous version had 17 requirements, new one has 8.</li> <li>BAL-006-3: No change to any requirements in BAL-006-2 except for R3, which has been moved to BAL-005-1</li> <li>FAC-001-3: No change to requirements R1-R4 of FAC-001-2. Added 3 requirements (R4-R7) as a result of moving BAL-005-0.2b R1 to FAC-001-3</li> </ol>	<p><b>Initial Ballot</b></p> <p><b>Comments Close</b></p>	<p><b>9/4/15</b> –</p> <p><b>9/14/15</b> <b>5</b></p> <p><b>9/14/15</b> <b>5</b></p>



# NERC Standards Under Development

Standards	Project	Activity	Due Date
<b>TOP-009-1 Retirement of PRC-001-1.1(ii)</b>	<p><b>Project 2007-06.2 Phase 2 of System Protection Coordination</b></p> <p>In conjunction with Phase 1, the project proposes to retire PRC-001-1.1(ii) as indicated below:</p> <ol style="list-style-type: none"> <li>Retire R2, R5, and R6 as the objectives are addressed by other TOP/IRO standards</li> <li>Incorporate R1 into proposed Reliability Standard TOP-009-1</li> <li>R3 and R4 addressed by PRC-027-1</li> </ol> <p>Draft 1 of TOP-009-1 posted for comment. Applicable to BAs, TOPs, and GOPs and has 3 requirements as indicated below:</p> <ol style="list-style-type: none"> <li>R1, R2, and R3 are applicable to TOPs, BAs, and GOPs, respectively, and require the entities to ensure that personnel responsible for Reliable Operation of the respective area have knowledge of operational functionality and effects of Composite Protection Systems and Remedial Action Schemes....</li> </ol>	<p><b>Initial Ballot</b></p> <p><b>Comments Close</b></p>	<p><b>9/2/15</b></p> <p><b>–</b></p> <p><b>9/11/15</b></p> <p><b>9/11/15</b></p>





# NERC Standards Under Development

Standards	Project	Activity	Due Date
<b>PRC-027-1 Retirement of PRC-001-1.1(ii)</b>	<p><b>Project 2007-06 System Protection Coordination</b></p> <p>PRC-027-1 Draft 6 posted for comment. In conjunction with Phase 2 of the project, PRC-001-1.1(ii) will be retired. This project address requirements R3 and R4 of PRC-001-1.1 (ii) while the rest are either being retired or incorporated into TOP-009-1. PRC-027-1 Draft 6 contains the following requirements:</p> <ol style="list-style-type: none"> <li>1. R1 mandates that an entity establish a process for developing new and revised Protection System settings for BES Elements to operate in the intended sequence during Faults; and stipulates certain attributes that must be included in the process.</li> <li>2. R2 mandates that an entity periodically perform Protection System Coordination Studies and/or compare existing Fault current values to established Fault current baselines for Protection Systems applied on BES Elements that are identified as being affected by</li> </ol>	<p><b>Ballot</b></p> <p><b>Comments Close</b></p>	<p><b>9/2/15</b></p> <p><b>–</b></p> <p><b>9/11/15</b></p> <p><b>9/11/15</b></p>
<a href="http://www.pjm.com">www.pjm.com</a> <a href="http://www.pjm.com/changes">www.pjm.com/changes</a>	<p>in Fault current. The applicable Protection System functions are identified in Attachment A</p>		<p>PJM©2015</p>



# NERC Standards Under Development

Standards	Project	Activity	Due Date
<b>PRC-005-3</b>	<p><b>Project 2007-17.4 PRC-005 FERC Order No. 803 Directive</b></p> <p>Addresses FERC Order No. 803 directive            “direct that, pursuant to section 215(d)(5) of the FPA, NERC develop modifications to PRC-005-3 to include supervisory devices associated with auto-reclosing relay schemes to which the Reliability Standard applies...”            Draft 1 of PRC-005-6 posted for comment. Revisions include:</p> <ol style="list-style-type: none"> <li>1. Added supervisory relays, associated voltage sensing devices, and associated control circuitry to definition of Automatic Reclosing</li> <li>2. Minor wording changes in requirements/measures</li> </ol>	<p><b>Initial Ballot</b></p> <p><b>Comments Close</b></p>	<p><b>9/4/15</b></p> <p>–</p> <p><b>9/16/15</b></p> <p><b>9/16/15</b></p>



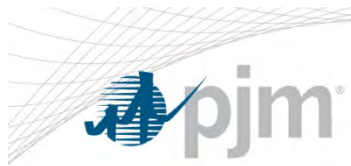
# NERC Standards Under Development

Standards	Project	Activity	Due Date
MOD-031-2	<b>Project 2010-04.1 MOD-031 FERC Order No. 804 Directives</b>  First Draft of MOD-031-2 posted for comment. The project will modify the language in R3 to clarify certain obligations to provide data to the Regional Entity and will also address the FERC directive to consider the compliance obligations of an applicable entity upon receipt of a data request that seeks confidential information. Changes made to R3 to address both these issues.	<b>Initial Ballot</b>  <b>Comments Close</b>	<b>9/9/15</b> – <b>9/18/15</b> <b>9/18/15</b>

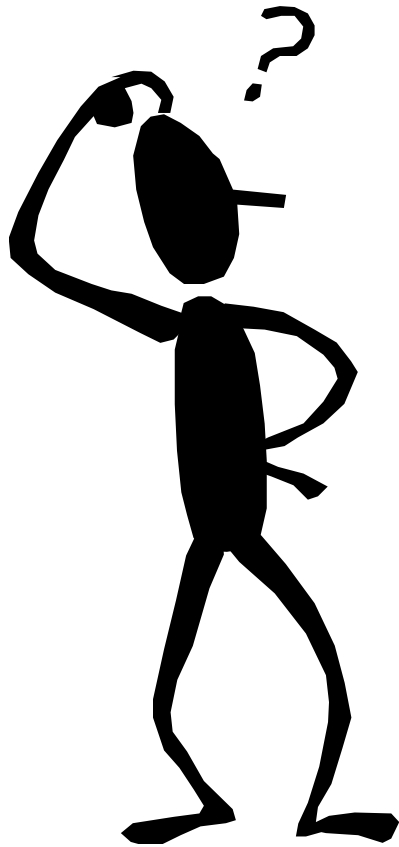
- October 1, 2015
  - CIP-014-1- Physical Security
  - COM-001-2 - Communications
  - PRC-006-2 - Automatic Underfrequency Load Shedding
- January 1, 2016
  - FAC-001-2 - Facility Interconnection Requirements
  - FAC-002-2 - Facility Interconnection Studies
  - NUC-001-3 - Nuclear Plant Interface Coordination
- April 1, 2016
  - PRC-005-3 - Protection System and Automatic Reclosing Maintenance
  - PRC-005-3(i) - Protection System and Automatic Reclosing Maintenance (w/disp gen)

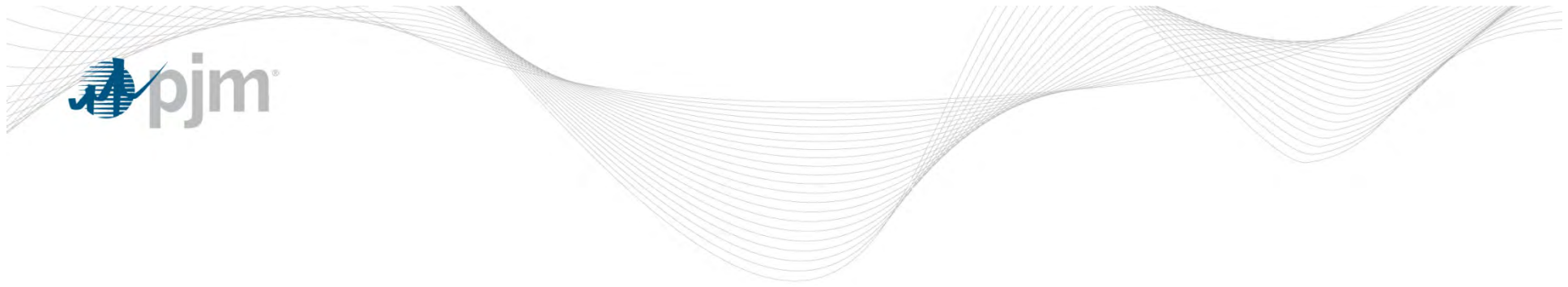
- July 1, 2016
  - BAL-001-2 - Real Power Balancing Control Performance
  - COM-002-4 - Operating Personnel Communications Protocols
  - MOD-025-2 - Verification and Data Reporting of Generator Real and Reactive Power Capability and Synchronous Condenser Reactive Power Capability
  - MOD-031-1 - Demand and Energy Data
  - PER-005-2 - Operations Personnel Training
  - PRC-004-4 – Protection System Misoperation Identification and Correction;
  - PRC-019-1 - Coord of Gen Unit or Plant Capabilities, Voltage Regulating Controls, and Protection
  - PRC-019-2 – Coord of Gen Unit or Plant Capabilities, Voltage Regulating Controls, and Protection
  - PRC-024-1 - Generator Frequency and Voltage Protective Relay Settings
  - PRC-024-2 – Generator Frequency and Voltage Protective Relay

Settings



## 5. Member Issues





**THANK  
YOU**