

# Reliability Standards and Compliance Subcommittee

July 17, 2015

1. Call to Order / Role Call
2. Administrative:
  - A. Antitrust Guidelines
  - B. Code of Conduct
  - C. Compliance Disclaimer
  - D. Media Statement
3. Additions to / approval of the Agenda
4. Review and approval of the Minutes from the June RSCS meeting.

5. PJM Manual Updates.
  - a) Mr. D'Antonio will review the changes made to Manual 37
6. Mr. Scanlon will discuss Project 2015-04 Alignment of NERC Glossary of Terms and Definitions Used in the Rules of Procedure.
7. Mr. Kuras will discuss the current plans for revision of Section 5 (metering) of Manual 1.
8. Mr. Thompson will review MOD-032 data requirements and procedures.



9. Mr. Moleski will review the proposed RSCS meeting schedule for 2016.
10. Mr. Harris will review the recent NERC CIP V5 Transition Update.
11. Mr. Gordon will review the recent BAL-002 posting.



## FERC Activities:

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

### NERC Activities:

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



# NERC Standards Under Development

Standards	Project	Activity	Due Date
<p><b>IRO-006-EAST-2</b> <b>IRO-009-2</b></p>	<p><b>Project 2015-06 Interconnection Reliability Operations and Coordination</b></p> <p>Continuation of work done by Project 2012-09 IRO 5-year review team. Looking at Paragraph 81 and Independent Expert Review Panel recommendations in addition to 5-year review team's recommendations. Revisions include:</p> <p><b>IRO-006-EAST-2</b></p> <ol style="list-style-type: none"> <li>1. Retire R1 &amp; R3</li> <li>2. Revise R2 to include congestion management actions to be implemented when RC initiates a TLR (deleted R2.1, which included these previously)</li> </ol> <p><b>IRO-009-2</b></p> <ol style="list-style-type: none"> <li>1. Combine old R1 &amp; R2 to form one new requirement (R1) since both requirements contained similar language</li> <li>2. Revise old R3, R4, and R5 to be consistent with NERC BoT approved standards (terminology such as IROL exceedance, Real Time Monitoring, etc.)</li> </ol>	<p><b>Initial Ballot</b></p> <p><b>Comment Period</b></p>	<p><b>6/29/15-7/8/15</b></p> <p><b>5/21/15-7/8/15</b></p>



# NERC Standards Under Development

Standards	Project	Activity	Due Date
<b>Glossary</b>	<p><b>Project 2015-04 Alignment of Terms</b></p> <p>The purpose of this project is to align the defined terms found in the NERC Glossary of Terms Used in Reliability Standards (Glossary) and the Rules of Procedure (ROP). The SDT identified all existing defined terms that are contained in both the Glossary and the ROP (“cross-over terms”). Currently there are fifty-five (55) cross-over terms. Of the fifty-five (55) cross-over terms, forty (40) contain inconsistencies or differences in the definition narratives, which causes industry confusion and may lead to inconsistent interpretation or application of the meaning of a term. To achieve this consistency, the SDT is proposing alignment revisions to twenty-six (26) Glossary terms and sixteen (16) ROP terms.</p> <p>Additionally, once the definition revisions are made, the SDT will also develop recommendations regarding how to enhance the current definition development to prevent misalignment or inconsistencies during future development</p>	<p><b>Initial Ballot</b></p> <p><b>Comment Period</b></p>	<p><b>7/17/15 - 7/27/15</b></p> <p><b>6/12/15 - 7/27/15</b></p>





# NERC Standards Under Development

Standards	Project	Activity	Due Date
COM-001-2	<p><b>Project 2015-07 Internal Communications Capabilities</b></p> <p>Addresses FERC Order 808 directive to modify COM-001-2 or develop a new standard to address “internal communications capabilities that could involve the issuance or receipt of Operating Instructions or other communications that could have an impact on reliability.”</p> <p>FERC Order 808 Directive Ask:</p> <ol style="list-style-type: none"> <li>1. Address adequacy of internal communications that may have an adverse effect on reliability, even within a single functional entity. Such communications may include:               <ol style="list-style-type: none"> <li>i. Communications between geographically separate control centers within same functional entity</li> <li>ii. Communications between a control center and field personnel</li> </ol> </li> </ol>	<p><b>Comment Period</b></p>	<p><b>6/11/15-7/15/15</b></p>
<p>Standard Authorization Request (SAR) posted for comment. Project proposes to either revise COM-001-2 or develop a new standard.</p>			



# NERC Standards Under Development

Standards	Project	Activity	Due Date
	<p><b>Project 2014-01 Standards Applicability for Dispersed Generation Resources White Paper</b></p> <p>Reviews applicability section of certain Reliability Standards or requirements that apply to GO/GOP and where appropriate revises to recognize the unique technical and reliability aspects of dispersed generation to ensure consistent applicability of standards.</p> <p>Draft White Paper posted for comment. Revisions include:</p> <ol style="list-style-type: none"> <li>1. FAC-008 Facility Ratings: SDT added additional technical guidance on identifying the Facility rating of a dispersed power producing resource.</li> <li>2. Added discussion and diagrams to provide explanation of how to identify the most limiting component of a facility for solar (Figure A) and wind (Figure B) dispersed power producing resources.</li> <li>3. Some minor wording changes throughout the white paper.</li> </ol>	<p><b>Comment Period</b></p>	<p><b>6/12/15-7/13/15</b></p>



# NERC Standards Subject to Future Enforcement

- July 1, 2015
  - MOD-032-1 R1 - Data for Power System Modeling and Analysis
- 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



## NERC Standards Subject to Future Enforcement

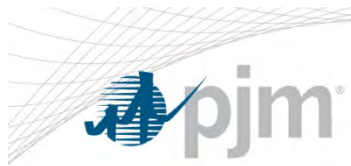
### ➤ July 1, 2016

- 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
- MOD-032-1 - R2-R4: Data for Power System Modeling and Analysis

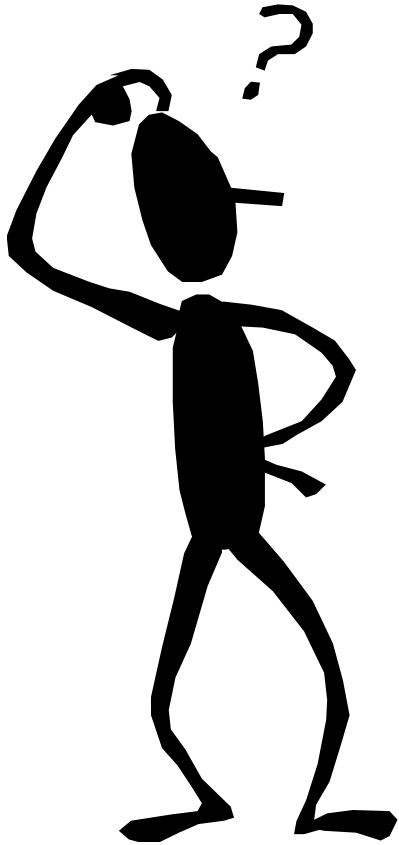


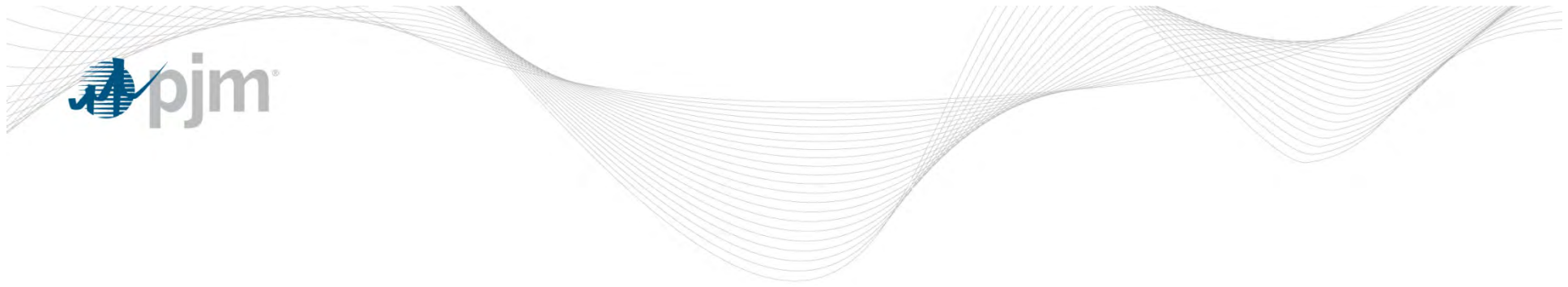
## NERC Standards Subject to Future Enforcement

- July 1, 2016 (cont.)
  - PER-005-2 - Operations Personnel Training
  - PRC-019-1 - Coordination of Generating Unit or Plant Capabilities, Voltage Regulating Controls, and Protection
  - PRC-024-1 - Generator Frequency and Voltage Protective Relay Settings
- July 1, 2017
  - MOD-033-1 - Steady-State and Dynamic System Model Validation



## 5. Member Issues





**THANK  
YOU**