Reliability Standards and Compliance Subcommittee

October 16, 2015

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1) Administration

a. Call to Order / Rolle 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 July and August RSCS meetings

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2) PJM Compliance Activities:

a. Manual Updates

i. Mr. Nice will review the recent changes to Manual 01

b. PRC-006 – Mr. Sliwa will update the Subcommittee on PJM's PRC-006 UVLS activities

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3) FERC Activities

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

4) NERC Activities

a. Committee Updates (Mr. Holman)

b. Standards under development (Mr. Kuras)

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4b. NERC Standards Under Development

Standards	Project	Activity	Due Date
IRO-018-1 **TOP-010-1**	**Project 2009-02: Real-time Reliability Monitoring and Analysis Capabilities** **Purpose:** To establish requirements for Real-time monitoring and analysis capabilities used by System Operators for reliable System operations. **Drivers for the Project:** 1. Lack of situational awareness as identified in 2003 Blackout Report 2. Real-Time Tools Survey Analysis and Recommendations report produced by NERC OC formed Real-time Tools Best Practices Task Force 3. Weaknesses in Real-time situational awareness identified in 2011 Southwest Outage Report 4. FERC Order 693 directives for further improving TOP and IRO standards First drafts of two new standards, IRO-018-1 – Reliability Coordinator Real-time Monitoring and Analysis Capabilities, applicable to RCs, and TOP-010-1 – Real-time Reliability Monitoring and Analysis Capabilities, applicable to TOPs and BAs, posted for comment. Standard Authorization Request (SAR) and SAR Justification White Paper also posted for reference	**Initial Ballot** **Comments Close**	**10/30/15-11/09/15** **11/09/15**

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4b. NERC Standards Under Development

Standards	Project	Activity	Due Date
BAL-004-0 to be retired	**Project 2010-14.2.2: Phase 2 of Balancing Authority Reliability-based Controls (BARC 2) – BAL-004-2** **Purpose:** BARC 2 Periodic Review Team (PRT) was established to conduct periodic reviews on BAL standards. As part of periodic reviews, BARC 2 PRT assessed whether BAL-004-0 should be affirmed, revised, or retired. BARC 2 PRT's extensive review determined that BAL-004-0 should be retired and that manual Time Error Correction (TEC) should be eliminated as a continent-wide NERC requirement. The SDT reviewed BARC 2 PRT's findings and posted a survey for comment August 12-25, 2015 to gain industry's feedback on manual TEC elimination. Survey responses indicated support of manual TEC retirement.	**Initial Ballot** **Comments Close**	**11/3/15-11/12/15** **11/12/15**

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4b. NERC Standards Under Development

Standards	Project	Activity	Due Date
COM-001-3	**Project 2015-07: Internal Communications Capabilities** **Purpose:** Address directive from FERC Order No. 808 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" First draft of COM-001-3 posted for comment. The SDT revised COM-001-2 to address FERC directives mentioned above. Added two requirements, R12, applicable to RC, BA, TOP, and GOP, and R13, applicable to DP.	**Initial Ballot** **Comments Close**	**11/6/15-11/6/15** **11/16/15**

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4b. NERC Standards Under Development

Standards	Project	Activity	Due Date
TOP-009-1 (retirement of PRC-001) Draft 2	**Project 2007-06.2 Phase 2 of System Protection Coordination** **Purpose:** TOP-009-1 replaces R1 of PRC-001. Deals with Operators having “knowledge” of protection systems. In conjunction with Project 2007-06 System Protection Coordination (Phase 1), NERC is proposing the complete retirement of PRC-001-1.1(ii). Requirements R1, R2, R5, and R6 are proposed for retirement. The remaining two Requirements R3 and R4 of PRC-001-1.1(ii) are addressed by PRC-027-1.	**Initial Ballot** **Comments Close**	**11/10/15-11/19/15** **11/19/15**

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4b. NERC Standards Subject to Future Enforcement

- January 1, 2016
  - FAC-001-2 - Facility Interconnection Requirements
  - FAC-002-2 - Facility Interconnection Studies
  - NUC-001-3 - Nuclear Plant Interface Coordination
  - PRC-005-4 – Protection System, Automatic Reclosing, and Sudden Pressure Relaying Maintenance
- 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)

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4b. 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
  - PER-005-2 - Operations Personnel Training
  - PRC-002-2 - Disturbance Monitoring and Reporting Requirements
  - 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
- July 1, 2017
  - MOD-033-1 - Steady-State and Dynamic System Model Validation

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5. Member Issues

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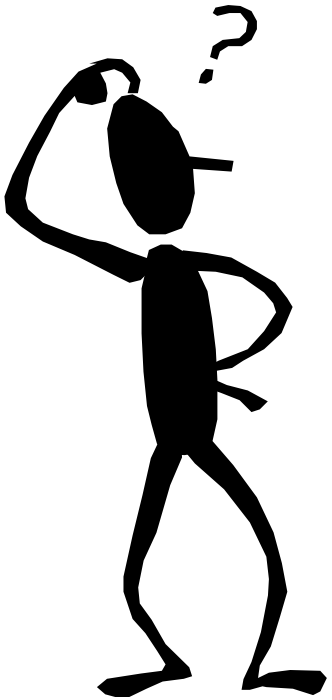
6. Future Agenda Items



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