NERC and Regional Coordination Update

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NERC and Regional Coordination
PC – January 7, 2016
### Standards

<table>
<thead>
<tr>
<th>Standards</th>
<th>Project</th>
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</thead>
<tbody>
<tr>
<td>BAL-005-0.2b</td>
<td><strong>Project 2010-14.2.1 Phase 2 of Balancing Authority Reliability-based Controls</strong></td>
<td>Additional Ballot</td>
<td>12/31/15 – 1/11/16</td>
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<td>BAL-006-2</td>
<td></td>
<td>Comments Close</td>
<td>1/11/16</td>
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<td>FAC-001-1</td>
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<td>BAL-005-0.2b</td>
<td>BARC 2 Periodic Review Team (PRT) recommended to revise BAL-005-0.2b and BAL-006-2. Second Drafts of BAL-005-1 and FAC-001-3 are posted for comments. Revisions to existing versions include the following: 1. BAL-005-1: Retiring several requirements and moving/merging content of the remaining requirements. Previous version had 17 requirements, new one has 7. 2. FAC-001-3: Added various sub-requirements to requirements of FAC-001-2 as a result of moving BAL-005-0.2b R1 to FAC-001-3</td>
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<td>BAL-006-2</td>
<td>No change to BAL-006-2 this posting 1. BAL-006-3: No change to any requirements in BAL-006-2 except for R3, which has been moved to BAL-005-1</td>
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<td>IRO-018-1</td>
<td><strong>Project 2009-02 Real-time Reliability Monitoring and Analysis Capabilities</strong></td>
<td>Additional Ballot</td>
<td>1/15/2016 – 1/25/16</td>
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</table>
| TOP-010-1    | Project addresses the recommendations from NERC Operating Committee’s Real-time Best Practices Task Force, FERC Order 693 directives, and BES event reports. Second drafts of both standards posted for comment and ballot. Revisions to posted drafts include:  
1. IRO-018-1 – Applicable to RCs  
   i. R1.3 asks for actions RC shall take to resolve Real-time data quality issues with “when data quality affects Real-time Assessments.” This resulted in deletion of R2 & R4, requirements that dealt with informing System Operators of the quality of data and analysis used in Real-time assessments.  
   ii. R3 – removed word “independent” to clarify that each RC shall have an alarm process to provide notifications to System Operators when Real-time monitoring alarm processor fails  
2. TOP-010-1 – Applicable to TOPs & BAs  
   i. Deleted sub-sub requirements (1.1.1-1.1.4, 2.1.1-2.1.4). Other changes very similar to IRO-018-1 changes mentioned above.  
3. Updated Guidelines and Technical Basis sections for both standards. | Comments Close     | 1/25/16          |
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)
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
NERC Standards Subject to Future Enforcement

- January 1, 2017
  - IRO-010-2 – Reliability Coordinator Data Specification and Collection
  - TOP-003-3 – Operational Reliability Data

- April 1, 2017
  - EOP-011-1 – Emergency Operations
  - IRO-001-4 – Reliability Coordination – Responsibilities
  - PRC-010-1 – Undervoltage Load Shedding
  - PRC-010-2 – Undervoltage Load Shedding
  - TOP-001-3 – Transmission Operations
  - TOP-002-4 – Operations Planning

- July 1, 2017
  - MOD-033-1 - Steady-State and Dynamic System Model Validation