



NERC and Regional Coordination Update



Reliability Standards and Compliance Subcommittee
Preston Walker
September 15, 2017



NERC Standards Under Development

Standards	Project	Activity	Due Date
BAL-001-2 BAL-002-2 BAL-003-1.1	Comment Period Open for Operating Reserve Management Draft Reliability Guideline: Applicability: BA, RSG Purpose: This Reliability Guideline is intended to provide recommended practices for the management of an appropriate mix of Operating Reserve, as well as readiness to respond to loss of load events. It also provides guidance with respect to the management of Operating Reserve required to meet the NERC Reliability Standards. Most edits were introduced due to BAL-003-1.1 and the forming of Frequency Response Sharing Groups (FRSG). PJM does not participate in any FRSG. PJM Position: PJM does not have any comments to provide on the proposed revisions.	Comments	9/18/2017



NERC Standards Under Development

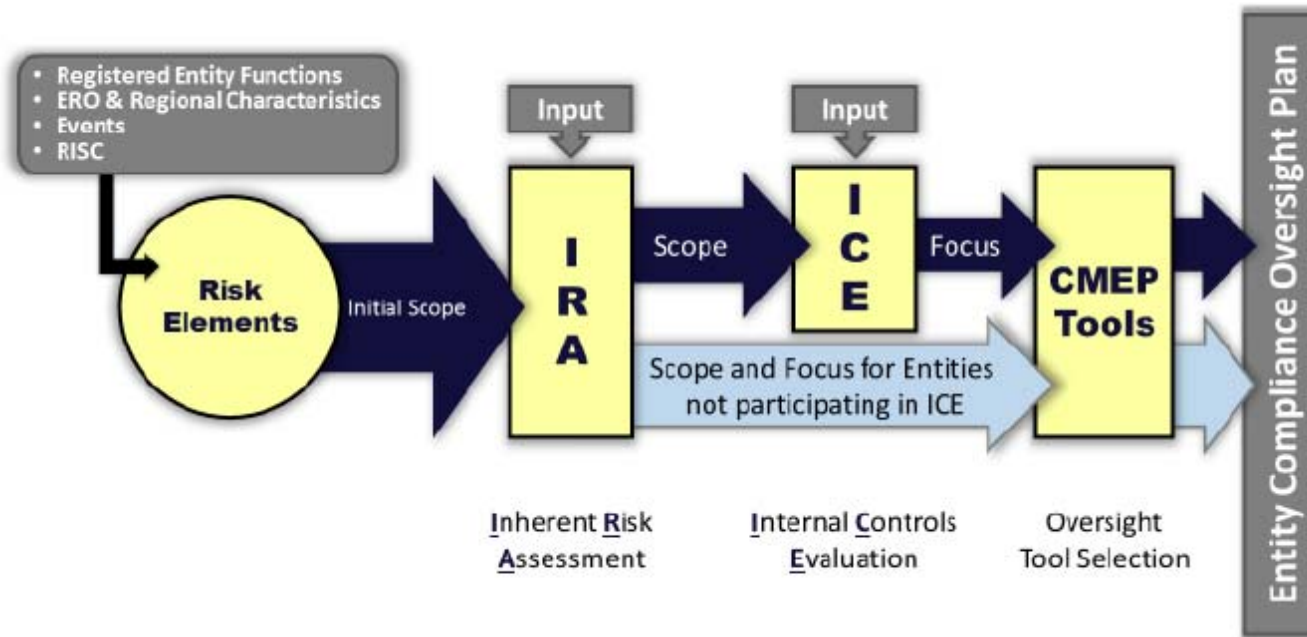
Standards	Project	Activity	Due Date
BAL-005-0.2b	<p>Comment Period Open for Inadvertent Interchange Draft Reliability Guideline</p> <p>Applicability: BA</p> <p>Purpose: This Reliability Guideline is intended to provide recommended practices for the management of Inadvertent Interchange accounting. With the goal of ensuring that, over the long term, Balancing Authority Areas do not excessively depend on another Balancing Authority Area in the Interconnection for meeting their demand or Interchange obligations.</p> <p>PJM Position: PJM agrees with the proposed revisions.</p>	Comments	9/18/2017



PJM On-site Internal Controls Evaluation

- September 19-21, 2017, PJM will participate in an on-site ICE engagement with ReliabilityFirst
- Internal Controls Evaluations can provide entities with more focused CMEP tools (audit, spot checks)
- The engagement will be led by the RF Entity Development Group
- PJM personnel from several Operations Departments will be scheduled for interviews
- Interview questions will focus on:
 - Processes relating to IROL and SOL (studies, communication, training)
 - Processes relating to PCLLRWs (studies, communication, training)
 - Data Samples submitted by PJM during the ICE
- PJM will likely participate in this process again in the future

PJM On-site Internal Controls Evaluation





NERC Standards Subject to Future Enforcement

- **October 1, 2017**
 - COM-001-3 – Communications
 - M-01 Revisions (PJM Internal, and TO Internal Communications)
 - IRO-002-5 – Reliability Coordination – Monitoring and Analysis
- **January 1, 2018**
 - BAL-002-2 – Disturbance Control Standard – Contingency Reserve for Recovery from a Balancing Contingency Event
 - PRC-026-1 – Relay Performance During Stable Power Swings (R1)
- **April 1, 2018**
 - 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 (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)
 - TOP-001-4 – Transmission Operations
 - 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)



Questions?

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