NERC and Regional Coordination Update

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Planning Committee
March 9, 2017
The SERC Dynamics Review Subcommittee and Standards Committee performed a periodic 5 year review of PRC-006-SERC-02. A 30-day Comment Period was opened through December 7, 2016. Revisions included:

- Definition for PC area was added to provide clarity since the term is used in the standard’s requirements.
- Removed the term ‘distribution’ from R4.1 and R5.1 to prevent the misinterpretation that only distribution load can be used for a UFLS scheme.
- Added to R2.1, 4.1 and 5.1 the flexibility for the PC to choose the peak season on which to base the UFLS plan.

The SERC Standards Committee has reviewed the revisions and Consideration of Comments documents and approved posting for initial ballots. Initial Ballot items will be posted on March 16, 2017.
Current Manual Revisions – Operational Changes

- **April 1, 2017**
  - EOP-011-1 – Emergency Operations
    - **M-13 Revisions**
  - IRO-002-4 - Reliability Coordination — Monitoring and Analysis
    - **M-37 Revisions**
  - IRO-010-2 – Reliability Coordinator Data Specification and Collection (R3)
    - **M-01 and M-38 Revisions**
  - IRO-017-1 — Outage Coordination
    - **M-38 Revisions**
  - TOP-003-3 – Operational Reliability Data (R5)
    - **M-01 and M-38 Revisions**

- **July 1, 2017**
  - MOD-033-1 - Steady-State and Dynamic System Model Validation
    - **M-14B Revisions**

- **October 1, 2017**
  - COM-001-3 – Communications
    - **M-01 Revisions**
NERC Standards Subject to Future Enforcement

April 1, 2017

- EOP-004-3 – Event Reporting
- EOP-010-1 – Geomagnetic Disturbance Operations (R2)
- FAC-010-3 - System Operating Limits Methodology for the Planning Horizon
- FAC-011-3 - System Operating Limits Methodology for the Operations Horizon
- IRO-001-4 – Reliability Coordination – Responsibilities
- IRO-008-2 – Reliability Coordinator Operational Analyses and Real-time Assessments
- IRO-014-3 — Coordination Among Reliability Coordinators
- MOD-029-2a – Rated System Path Methodology
- MOD-030-3 – Flowgate Methodology
- PRC-010-1 – Undervoltage Load Shedding
- PRC-015-1 - Remedial Action Scheme Data and Documentation
- PRC-016-1 - Remedial Action Scheme Misoperations
- PRC-017-1 - Remedial Action Scheme Maintenance and Testing
- PRC-023-4 - Transmission Relay Loadability
NERC Standards Subject to Future Enforcement

- **April 1, 2017 (continued)**
  - TOP-001-3 – Transmission Operations
  - TOP-002-4 – Operations Planning
- **April 2, 2017**
  - PRC-004-5(i) - Protection System Misoperation Identification and Correction
  - PRC-010-2 – Undervoltage Load Shedding
- **July 1, 2017**
  - TPL-007-1 - Transmission System Planned Performance for Geomagnetic Disturbance Events (R1)
- **January 1, 2018**
  - PRC-026-1 – Relay Performance During Stable Power Swings (R1)
- **April 1, 2018**
  - IRO-018-1 – Reliability Coordinator Real-time Reliability Monitoring and Analysis Capabilities
  - 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 (Requirements 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)
  - 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)