NERC and Regional Coordination Update

Reliability Standards and Compliance Subcommittee
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December 15, 2017
Draft Reliability Guideline: Methods for Establishing IROLS

Applicability:
RC, PC, TOP, TP

Purpose:
The goal of this guideline is to provide guidance and technically sound methods for the industry in establishing Interconnection Reliability Operating Limits (IROLs). The guideline provides an overall framework and detailed technical reference material related to the assessment of the following to ensure Reliable Operation of the BPS:

- System Instability
- Uncontrolled Separation
- Cascading

Comments 1/29/2018
NERC Standards Subject to Future Enforcement

- **January 1, 2018**
  - BAL-502-RF-03 – Planning Resource Adequacy Analysis, Assessment and Documentation
  - PRC-006-SERC-02 – Automatic Underfrequency Load Shedding Requirements
  - 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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