

NERC and Regional Coordination Update



Preston Walker
NERC and Regional Coordination
Planning Committee
April 13, 2017



NERC Standards Under Development

Standards	Project	Activity	Due Date
VAR-001-4.1 VAR-002-4	<p data-bbox="295 261 1844 311">Project 2016-EPR-02 – Enhanced Periodic Review of VAR Standards</p> <p data-bbox="295 354 2018 682">The purpose of this project is to conduct a periodic review of a subset of the VAR Reliability Standards. The periodic review comprehensively reviews Standards to evaluate, for example, whether the requirements are clear and unambiguous. The periodic review will include background information, along with any associated worksheets or reference documents, to guide a comprehensive review that results in a recommendation that the Reliability Standard should be:</p> <ul data-bbox="295 711 2007 903" style="list-style-type: none"><li data-bbox="295 711 1268 761">(1) reaffirmed as is (i.e., no changes needed);<li data-bbox="295 782 2007 832">(2) revised (which may include revising or retiring one or more requirements); or<li data-bbox="295 853 606 903">(3) withdrawn. <p data-bbox="295 1003 1569 1053">PJM agrees with revisions and will submit comments</p>	Comment Period	4/13/2017



NERC Standards Under Development

Standards	Project	Activity	Due Date
	<p data-bbox="295 262 1467 308">Revisions to the NERC Standard Processes Manual</p> <p data-bbox="295 334 1984 439">A 45-day formal comment period is open through Wednesday, May 3, 2017 for the following revised sections of the NERC Standards Process Manual (SPM):</p> <ul data-bbox="321 482 1684 896" style="list-style-type: none">• Section 2.1 - Definition of a Reliability Standard;• Section 3.7 - Governmental Authorities;• Section 6.0 - Process for Conducting Field Tests;• Section 7.0 - Process for Developing Interpretations;• Section 8.0 - Process for Appealing an Action or Inaction; and• Section 11.0 - Process for Approving Supporting Documents. <p data-bbox="295 933 1931 1039">The ballot pool is being formed through Tuesday, April 18, 2017. An initial ballot will be conducted April 24 – May 3, 2017.</p> <p data-bbox="295 1082 927 1128">PJM Agrees with revisions</p>	<p data-bbox="2053 262 2260 502">Comment Period & Initial Ballot</p>	<p data-bbox="2308 262 2481 308">5/3/2017</p>



NERC Standards Subject to Future Enforcement

- **July 1, 2017**
 - MOD-033-1 - Steady-State and Dynamic System Model Validation
 - TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R1)
- **October 1, 2017**
 - COM-001-3 – Communications
 - **M-01 Revisions**
- **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 (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)