



Reliability Compliance Update

System Operations Subcommittee

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July 5, 2018



NERC Standards Under Development

Standards	Project	Action	End Date
	<p data-bbox="328 268 1913 315">Standards Authorization Request (SAR): Standards Efficiency Review</p> <p data-bbox="328 401 542 448">Purpose:</p> <p data-bbox="328 472 1951 801">The Standards Efficiency Review (SER) team used a risk-based approach to evaluate the reliability benefit of each NERC Reliability Standard Requirement. Based on its analyses, the SER team is recommending the retirement of several Requirements. According to NERC, retiring these Requirements will increase efficiencies by reducing regulatory obligations and/or compliance burden.</p>	<p data-bbox="2025 268 2224 311">Comment</p>	<p data-bbox="2280 268 2494 311">07/10/2018</p>



NERC Standards Under Development

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CIP-002-5.1a	Standards Authorization Request (SAR): IROL Modifications to CIP-002 Applicable: PC and TP Purpose: <ul style="list-style-type: none">• The purpose of this SAR is to transfer an issue currently within the scope of Project 2015-09 to Project 2016-02. Transferring the issue will simplify the Standards development process such that only one Standard Drafting Team is modifying CIP-002.• The intent of this project is to modify CIP-002-5.1a to account for the retirement of FAC-010-3 and the elimination of a Requirement for Planners to identify SOLs and IROLs.• This project replaces the reference to IROLs in Criterion 2.6 with other language that would allow PCs and TPs to identify Facilities that otherwise do not meet the criteria in Section 2 of Attachment 1, but pose higher risk to reliability such that its BES Cyber Systems should be protected as Medium Impact.	Comment	07/13/2018



NERC Standards Under Development

Standards	Project	Action	End Date
MOD-026-1 MOD-027-1	Draft Reliability Guideline: Power Plant Model Verification for Inverter-Based Resources Purpose: The NERC Power Plant Modeling and Verification Task Force (PPMVTF) developed this guideline to support recommendations in the ERO Risk Priorities Report to address potential reliability impacts of the changing resource mix. The guideline covers many of the potential tests that may be needed to develop or verify dynamic models related to the activities of MOD-026-1 and MOD-027-1. The material presented is applicable to Generator Owners, Generator Operators, Planning Coordinators, Transmission Planners, Transmission Operators, Reliability Coordinators, testing engineers, and other subject matter experts of the NERC MOD Standards pertaining to model verification and capability testing.	Comment	07/26/2018

➤ Workshops

- NERC Standards and Compliance Workshop – July 24–25, 2018, Columbus, Ohio
- Monitoring and Situational Awareness Technical Conference – October 2–3, 2018, Carmel, Indiana

➤ **January 1, 2019**

- BAL-005-1 – Balancing Authority Control
- TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R5)

➤ **April 1, 2019**

- EOP-004-4 – Event Reporting
- EOP-005-3 – System Restoration from Blackstart Resources
- EOP-006-3 – System Restoration Coordination
- EOP-008-2 – Loss of Control Center Functionality

➤ **January 1, 2020**

- PRC-026-1 – Relay Performance During Stable Power Swings (R2 - R4)

➤ **July 1, 2020**

- PRC-002-2 – Disturbance Monitoring and Reporting Requirements (50% compliance for R2–4, 6–11)

➤ **January 1, 2021**

- TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R6)
- PRC-012-2 – Remedial Action Schemes



NERC Standards Subject to Future Enforcement

➤ **January 1, 2022**

- TPL-007-1 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R3, R4, R7)

➤ **July 1, 2022**

- PRC-002-2 – Disturbance Monitoring and Reporting Requirements (50% compliance for R2–4, 6–11)

Questions?

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