



Reliability Compliance Update

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System Operations Subcommittee
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- Comment Periods
- NERC News
- Standards Subject to Future Enforcement
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- Questions

Standards	Project	Action	End Date
	<p>Draft Reliability Guideline: Parametrization of the DER_A Model.</p> <p>Applicability: DP, PC, TP</p> <p>Background:</p> <ul style="list-style-type: none"> ➤ This reliability guideline provides background on the DER modeling framework previous proposed in other NERC Reliability Guidelines, information on relevant interconnection standards (e.g., IEEE Std. 1547-2003, IEEE Std. 1547a-2014, IEEE Std. 1547-2018, and CA Rule 21), and how the DER_A model parameters can be modified to account for a mixture of vintages of inverter-interfaced DER. 	<p>Comment</p>	<p>08/07/19</p>

Standards	Project	Action	End Date
<p>TPL-007-3</p>	<p>2019-01 – Modifications to TPL-007-3 TPL-007-4</p> <p>Applicability: GO, PC, TP, TO</p> <p>Background:</p> <ul style="list-style-type: none"> ➤ This project will address the directives issued by FERC in Order No. 851 which directed NERC to submit modifications to: <ol style="list-style-type: none"> 1. require the development and implementation of corrective action plans to mitigate assessed supplemental GMD event vulnerabilities (P 29); and 2. to replace the corrective action plan time-extension provision in Requirement R7.4 with a process through which extensions of time are considered on a case-by-case basis (P 54). 	<p>Ballot Comment</p>	<p>09/09/19</p>

➤ **Workshops**

- Monitoring and Situational Awareness Technical Conference – September 24–25, 2019, Little Rock, AR
- GridSecCon 2019 – October 22–25, 2019, Atlanta, GA
- Probabilistic Analysis Forum – December 11–13, 2019, Atlanta, GA

➤ **Webinars**

- Project 2019-01 – Modifications to TPL-007-3 Webinar – 1:30–2:30 p.m. Eastern, August 2, 2019
- Electromagnetic Transient Simulations for Large-Scale Systems Studies with High Penetration of Inverter-Based Resources – 4:30–5:30 p.m. Eastern, August 12, 2019

NERC Standards Subject to Future Enforcement

➤ July 1, 2019

- PER-003-2 – Operating Personnel Credentials
- TPL-007-3 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R1, R2)

➤ 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-007-3 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R6)
- PRC-012-2 – Remedial Action Schemes

➤ January 1, 2022

- TPL-007-3 – 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)

RF Operations and Planning Audit

Standard Number	Req. No.
BAL-502-RF-03	R1.
BAL-502-RF-03	R2.
BAL-502-RF-03	R3.
FAC-002-2	R1.
IRO-002-5	R2.
IRO-002-5	R3.
IRO-002-5	R4.
IRO-002-5	R5.
IRO-002-5	R6.
IRO-008-2	R1.
IRO-008-2	R2.
IRO-008-2	R3.
IRO-008-2	R4.
IRO-008-2	R5.
IRO-008-2	R6.
IRO-018-1(i)	R1.
IRO-018-1(i)	R2.
IRO-018-1(i)	R3.

Standard Number	Req. No.
MOD-032-1	R1.
MOD-032-1	R4.
MOD-033-1	R1.
MOD-033-1	R2.
TOP-001-4	R9.
TPL-001-4	R1.
TPL-001-4	R2.
TPL-001-4	R3.
TPL-001-4	R4.
TPL-007-1	R1.
TPL-007-1	R2.
VAR-001-5	R1.
VAR-001-5	R2.
VAR-001-5	R3.
VAR-001-5	R4.
VAR-001-5	R5.
VAR-001-5	R6.