



# Reliability Compliance Update

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RSCS

July 19, 2019

- Comment Periods
- NERC News
- Standards Subject to Future Enforcement
- Questions

Standards	Project	Action	End Date
FAC-001-3 FAC-002-2	<p><b>Draft Reliability Guideline: Improvements to Interconnection Requirements for BPS-Connected Inverter-Based Resources</b></p> <p><b>Applicability:</b> BA, GO, PC, RC, TP, TOP</p> <p><b>Background:</b></p> <ul style="list-style-type: none"> <li>➤ This guideline serves as a resource for TOs to consider as they continually develop and enhance interconnection requirements per FAC-001-3 and interconnection study requirements per FAC-002- 2.</li> </ul>	Comment	07/24/19

Standards	Project	Action	End Date
	<p><b>Draft Reliability Guideline: Parametrization of the DER_A Model.</b></p> <p><b>Applicability:</b> DP, PC, TP</p> <p><b>Background:</b></p> <ul style="list-style-type: none"> <li>➤ 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.</li> </ul>	<p><b>Comment</b></p>	<p><b>08/07/19</b></p>

## ➤ Workshops

- Standards and Compliance Workshop – July 23–24, 2019, Minneapolis, MN
- Electromagnetic Pulse Task Force Workshop – July 25, 2019, Atlanta, GA
- GridSecCon 2019 – October 22–25, 2019, Atlanta, GA
- Probabilistic Analysis Forum – December 11–13, 2019, Atlanta, GA

## ➤ Webinars

- 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)

# Questions?

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