

# Reliability Compliance Update

Mark Kuras Senior Lead Engineer Reliability Compliance

www.pjm.com | Public PJM © 2020



# **NERC Projects**

Standards	Project	Action	End Date
CIP-014-3 FAC-003-5 FAC-011-4	Ballot Period Extended Project 2015-09 Establish and Communicate System Operating Limits	Ballot Open	8/18/2020
FAC-013-3 FAC-014-3 IRO-008-3 PRC-002-3 PRC-026-2 TOP-001-6	Background:  ➤ Facilities Design, Connections, and Maintenance (FAC) standards fulfill an important reliability objective for determining and communicating System Operating Limits (SOLs) used in the reliable planning and operation of the Bulk Electric System (BES). This project will revise requirements for determining and communicating these SOLs. Revisions are necessary to improve the requirements by eliminating overlap with approved Transmission Planning (TPL) requirements, enhancing consistency with Transmission Operations (TOP) and Interconnection Reliability Operations (IRO) standards, and addressing issues with determining and communicating SOLs and Interconnection Reliability Operating Limits (IROLs).  ➤ The project will revise the requirements for determining and communicating SOLs and IROLs to address the issues identified in Project 2015-03 Periodic Review of System Operating Limit Standards. The resulting standard(s) and definition(s) will benefit reliability by improving alignment with approved TPL and proposed TOP and IRO standards. The project may result in development of one or more proposed Reliability Standards and definitions.	Comments and Ballot Close	8/26/2020

www.pjm.com | Public 2020



# Notification of Critical Facilities for IROL Derivation

- PJM has identified facilities critical to the derivation of IROLs in accordance with NERC Reliability Standards CIP-002-5.1a Criteria 2.6 and CIP-014-2 Section, 4.1.1.3.
  - The results of these studies were sent to the CIP Critical Energy Infrastructure Information (CEII) approved employees of the owning companies of the facilities identified
  - For additional information on the analysis performed to reach these results, please reference Compliance Bulletin 20
    - Library | Compliance | Compliance Bulletins



# **NERC Standards Subject to Future Enforcement**

#### October 1, 2020

TPL-007-4 – Transmission System Planned Performance for Geomagnetic Disturbance Events (R1, R2, R5, R5.1, R5.2, R9, R9.1, R9.2)

### > January 1, 2021

- Rev PRC-002-2 Disturbance Monitoring and Reporting Req (50% compliance for R2-R4, R6-R11)
- PRC-012-2 Remedial Action Schemes (R1-R3, R5-R7)
- Rev PRC-025-2 Generator Relay Loadability (phased-in implementation of Attachment 1: Relay Settings, Table 1 Options 5b, 14b, 15b, and 16b)

### > April 1, 2021

- Rev PRC-001-1 System Protection Coordination Retirement (R1, R3, R4)
- Rev PER-006-1 Specific Training for Personnel
- Rev PRC-027-1 Coordination of Protection Systems for Performance During Faults

## July 1, 2021

- TPL-007-4 Transmission System Planned Performance for Geo Disturbance Events (R12, R13)
- January 1, 2022
  - TPL-007-4 Transmission System Planned Performance for Geomagnetic Disturbance Events (R6, R10)



Presenter: Mark Kuras

Mark.Kuras@pjm.com

**Reliability Compliance Update** 



## Member Hotline

(610) 666 - 8980

(866) 400 - 8980

custsvc@pjm.com