

PJM TO-TOP Matrix Version 8 Approval

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- Used as an audit tool by PJM for TO-TOP Matrix Audits
- Index between NERC Reliability Standards and PJM Manuals
- Does not create any new obligations for PJM or its members
- Current Version is 7 from November 27, 2013
- Extensively reviewed and revised by the TO/TOP Matrix Subcommittee



- **Administrative**
 - General maintenance of the Matrix
 - Standard Version number and Enforcement and Inactive Dates updates
- **New NERC Reliability Standard additions**
- **Edits to Shared and Assigned Shared tasks**

- Cover page updated with most recent revision numbers of referenced PJM Manuals
 - “Reference Documents” section will no longer include Manual revision numbers
 - easier maintenance of the Matrix
- Changed “Effective Date” and “End Date” to “Enforcement Date” and “Inactive Date” to reflect NERC terminology in the main body as well as “Governance” tab
- Updated existing Reliability Standards with correct “Enforcement Date” and “Inactive Date”, where applicable, to be consistent with NERC dates
- Deleted “Audited by RFC” column as ReliabilityFirst (RF) now relies on PJM’s TO-TOP Matrix Audit Program



For the following NERC Reliability Standards in the Matrix, where applicable, TTMS updated standard version, Enforcement Date, and/or Inactive Date

- BAL-005-0.1b
- CIP-001-2a
- EOP-001-0.1b
- EOP-003-2
- EOP-004-1
- EOP-005-1
- EOP-008-0
- FAC-010-1
- IRO-004-1
- IRO-005-2a
- IRO-005-3a
- PER-001-0.1
- PER-002-0
- PRC-001-1
- TOP-001-1a
- TOP-002-2b
- TOP-003-1
- TOP-004-2
- TOP-005-1.1a
- TOP-006-2
- TOP-007-0
- TOP-008-1
- VAR-001-3



- **EOP-10-1 Geomagnetic Disturbance Operations**
Enforcement Date: 4/1/2015
 - Two requirements, R1.2 & R3.2, in the Matrix
- **VAR-001-4 Voltage and Reactive Control**
Enforcement Date: 10/1/2014
 - Fewer requirements in Matrix when compared to version 3 of the Standard
 - R3, R5, R5.1, R5.2, & R5.3 in the Matrix



Existing Standard	What Changed
COM-001-1.1 R2	Added shared task#5
EOP-008-1 R5.1	Updated assigned task #2 to require only certification of changes to Operating Plan and not the actual plan
FAC-001-0	Added assigned task
IRO-005-3.1a	Added Purpose row
PRC-001-1 R1 & R4	Changed “protection system” in shared tasks to P rotection S ystem as specified in new version of the standard PRC-001-1.1
TOP-001-1a R1	Modified shared tasks to clarify when Member TO system operators shall take actions
TOP-001-1a R7.3	Modified shared task to indicate when Member TO can remove transmission facilities from service without coordinating with PJM
TOP-005-2a R2	Added Purpose row and abbreviated shared tasks in R2, removing extraneous information

Existing Standard	What Changed
VAR-001-3	Deleted extraneous information from Purpose row and added PJM Manual 14D as a reference document

- Compliance is effective upon Transmission Owners Agreement – Administrative Committee (TOA-AC) approval



- Approve Version 8 of the TO-TOP Matrix

