



Executive Summary Manual Changes

Effective Date	09/25/2025
Impacted Manual #(s)/Manual Title(s): PJM Manual 07: PJM Protection Standards	
Conforming Order(s): (none)	
Associated Issue Tracking Title:	N/A
Committee Approval Path - What committee(s) have already seen these changes? July 8 th Planning Committee (PC) August 5 th Planning Committee (PC) August 20 th Markets & Reliability Committee (MRC)	
MRC 1st read date:	August 20, 2025
MRC voting date:	September 25, 2025
Impacted Manual sections: • Introduction • Section 2: Protection Philosophy and Reliability • Section 4: Unit Power Transformer and Lead Protection • Section 7: Line Protection • Section 8: Substation Transformer Protection • Section 12: Breaker Failure Protection • Section 14: Transmission Line Reclosing • Section 15: Supervision and Alarming of Relaying and Control Circuits • Section 17: Special Protection Schemes/Remedial Action Schemes • Section 18: NERC PRC-027 and other Protection and Control Series • Appendix C: Dual Communication Channels (Pilot) for Protective Relaying	
Reason for change:	

- Periodic Review

Summary of the changes:

- Periodic Review
- Updated to the current Transmission Planning Manager: Matthew Wharton
- Removed references to NERC Standard PRC-001 which was retired
- Updated web links
- Changed dual pilot references to dual communication channels to upgrade and generalize the references
- Revised monitoring requirements for use of a single station battery
- Enhanced section 4.2 on transformer high-side lead protection with more details and added reference diagrams
- Enhanced Section 7.4 on Restricted Ground Fault Protection to add clarity on relay pickup and sensitivity
- Clarified Section 8.2.1 Transformer HV Isolation Device Requirements
- Clarified Section 12.1 Local Breaker Failure protection requirements for resultant clearing of the faulted breaker
- Fixed various typos and added consistency to terminology
- Aligned Section 15 with the TPL-001-5 standard
- Added Section 18 on NERC PRC-027 and other Protection and Control Standards and coordination requirements for Transmission Owners
- In Appendix C Part 2.4 added requirements for independent fiber optic wires physically located on the same structure