Manual 03: Transmission Operations Updates – Version 56

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Sr. Engineer, Transmission Operations
• Cover to cover periodic review
  • Updated links and terminology throughout
• Section 1.1: Updated note to account for all TOP’s within PJM instead of AEP.
• Section 1.7: Updated PJM Procedure to Review Remedial Action Schemes/Special Protection Systems (RAS/SPS) to remove mention of Special Protection Systems (SPS).
• Section 3.2: Updated voltage drop reference by removing the nominal voltage language.
• Section 3.5.3: Added both Conemaugh capacitor banks to table and updated language to show both Juniata 500kV capacitor are in Auto mode.
• Section 4.2.12: Removed Nuclear Generating Station’s Circuit Breaker listing table.
• Section 4.3.2: Updated language in Real-Time Switching notification procedure to better align with dispatch switching practices.
• RTO
  – Updated Dresden NPIR voltage limits.
• AE
  – Additional facilities added to Bi-Directional Ratings table.
• AEP
  – Removed reference to Darwin in the header of the Rockport procedure.
  – Updated Tidd 138 KV switchyard operating guideline for Overduty Circuit Breakers.
  – Moved Dayton Darby procedure to AEP.
  – Updated Cook Plant Stability Procedure to include Ludington Pumping.
• COMED
  – Removed Quad Cities/Cordova RAS/SPS procedure due to retirement.
  – Updated SPOG 2-2-B Marengo procedure.
  – Updated SPOG 2-2-C Damen procedure.
  – Removed Itasca 138 kV N.O.Bus Tie 2-3 CB SPOG 2-37.
  – Updated Burnham – Taylor 345 kV Line Operation (SPOG 3-6).
  – Updated Transformer Operations at 138 kV Line Tie Breaker Substations (SPOG 4-30).
  – Added Prospect Heights SVC procedure (SPOG 2-45).
• BGE
  – Added description of conditions for the 2345 circuit for the BGE 230 kV Harbor Crossing Cables procedure.
• First Energy
  – Updated Conemaugh/Hunterstown/Fairview Stability Limits table to include Fairview and Hunterstown running in a 1X1 configuration.
  – Updated Homer City #2 & #3 Stability Trip (RAS) unit output arming criteria.
  – Updated Homer City Stability Limits single outage damping restrictions.
  – Updated Seneca Stability procedure.
  – Updated Seneca Pumping Notification Procedure (title only).
• DOM
  – Updated Bath County Stability restriction for Valley-Dooms 500 kV.
  – Updated Circuit Breaker name for Gordonsville Bus Tie under South Anna and Louisa CT Islanding Scheme.
• PPL/UGI
  – Removed Martins Creek Over-duty breaker procedure.
  – Added new Wescosville 500/138 kV T3 Transformer Switching procedure.
  – Updated the UGI/PPL 66 kV Tie Line Operation procedure.
Attachment A & Attachment B

- **Attachment A**
  - Removed the Quad Cities Unit Stability Trip Scheme.
  - Removed the Cordova /Quad Cities Multi-Line-Outage Unit Trip Scheme.
- **Attachment B**
  - Replaced cause type from ‘New Construction’ to ‘Construction: New Equipment’ to align with eDART.
Timeline

- **Manual First Reads:**
  - October 10\textsuperscript{th} – SOS Joint & SOS-T (Section 5 only)
  - October 15\textsuperscript{th} – OC
  - October 16\textsuperscript{th} – MIC (Info Only)
  - October 17\textsuperscript{th} – PC (Info Only)
  - October 31\textsuperscript{st} – MRC

- **Manual Second Reads/Endorsements:**
  - November 7\textsuperscript{th} – SOS Joint & SOS-T (Section 5 only)
  - November 12\textsuperscript{th} – OC
  - December 5\textsuperscript{th} – MRC

- **December 6\textsuperscript{th} – Implementation Date**