Manual 03: Transmission Operations Updates – Version 56

Lagy Mathew
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.
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 10th – SOS Joint & SOS-T (Section 5 only)
  ▪ October 15th – OC
  ▪ October 16th – MIC (Info Only)
  ▪ October 17th – PC (Info Only)
  ▪ October 31st – MRC

• Manual Second Reads/Endorsements:
  ▪ November 7th – SOS Joint & SOS-T (Section 5 only)
  ▪ November 12th – OC
  ▪ December 5th – MRC

• December 6th – Implementation Date
Detailed changes on Section 5 can be reviewed on the M-03 secure page: 
http://www.pjm.com/library/manuals/private-m03.aspx

Specific questions on Section 5 changes can be sent to: 
M03_Change@pjm.com.
• **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-dutied breaker procedure.
  – Added new Wescosville 500/138 kV T3 Transformer Switching procedure.
  – Updated the UGI/PPL 66 kV Tie Line Operation procedure.