Manual 03: Transmission Operations Updates

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PJM Transmission Operations
Review Timeline

- Manual 1st Reads:
  - March 26th - SOS
  - April 8th – OC
  - April 9th – MIC (Info Only)
  - April 10th – PC (Info Only)
  - April 24th - MRC
Review Timeline

• Manual 2nd Reads/Endorsement:
  – April 30\textsuperscript{th} - SOS
  – May 6\textsuperscript{th} - OC
  – May 29\textsuperscript{th} – MRC

• June 1\textsuperscript{st} Implementation
• Section 1.7
  – Added Relay Subcommittee for SPS review
• Section 2.1 and Throughout
  – Replaced ‘Data Management Department’ with ‘Real Time Data Management Department’ and updated M-03A Appendix title
• Section 3.7
  – and throughout: Updated Allegheny Power (AP) to First Energy South
  – Revised Black Oak SVC operating settings

• Section 3.8
  – Added the new Hayes-Beaver 345 kV line to the Cleveland interface.
  – Added the new Zion EC-Pleasant Prairie 345 kV tie line to the ComEd interface.
• Section 3.9
  – Updated FE South (AP) Voltage Limits

• Section 4.2.12
  – Updated the nuclear plant circuit breaker list
• Section 5 RTO
  – Added note to Load Shed Directive section indicating PJM will post load shed directive to Emergency Procedures Website after issuing to TO.
  – Revised nuclear voltage note for trending in the EMS.
  – Revised Dresden #2 Voltage Limits
  – Revised Davis-Besse Voltage Limits
  – Added note for TOs and GOs to notify PJM of SPS status, degradation or potential failure to operate
• Section 5 AEP, DEOK & DUQ
  – Removed Smith Mountain High Speed Reclosing procedure
  – Added a step to notify MISO and TVA of status change for Rockport SPS
  – Updated DEOK Single Breaker de-rate table
  – Updated DLCO Single Breaker de-rate table
• Section 5 BGE
  – Removed Brandon Shores-Riverside SPS (retired)
  – Added Concord Street SPS procedure
  – Added Mt. Washington SPS procedure
Section 5 ComEd

- Removed the MISO owned Zion-Lakeview SPS (retired)
- Removed Prospect Heights bus tie schemes (SPOG 2-15)
- Revised and added Calumet procedure to account for new reactor banks
- Removed L10805 study requirement from Powerton stability procedure
• Section 5 ComEd
  – Added a step to notify MISO of status change for University Park North SPS, Davis Crk SPS, Dresden SPS, Zion SPS, Byron SPS, Kincaid SPS, Powerton SPS.
• Section 5 DOM
  – Added a step to notify VACAR of status change for Clover SPS.
  – Removed Note #2 from the Bath County Stability Restrictions table
  – Added South Anna / Louisa CT Islanding Scheme
  – Added Virginia Hills reactor to the Northern Virginia High Voltage Control section
Section 5 First Energy
- Revised Black Oak SVC operating settings.
- Updated Belmont SPS procedure
- Updated Seneca plant stability procedure
- Updated Homer City plant stability procedure
- Updated Conemaugh / Hunterstown stability procedure
• Section 5 First Energy
  – Updated outage condition for which Conemaugh SPS can be activated to allow full plant output
  – Removed Ronco stability procedure
  – Removed FE South (AP) Bus Voltage Exceptions procedure
  – Added a step to notify NYISO of status change for East Sayre-North Waverly SPS and Warren-Falconer SPS
• Section 5 PSEG
  – Removed Branchburg – Deans 500 kV Substation Contingency Procedure
  – Changed Branchburg – Ramapo 5018 references to Hopatcong – Ramapo 5018
  – Added a step to notify NYISO of status change for Salem SPS
• Attachment A
  – Removed Brandon Shores-Riverside SPS
  – Added Concord Street SPS
  – Added Mt. Washington SPS
  – Added a column to the SPS listing to notify impacted neighbors of status changes

• Attachment B
  – Updated open-ended voltage table
• Attachment E
  – Added the Dravosburg 138/69 kV transformer #1 sectionalizing scheme.
  – Removed PPL Juniata #1 and #2 transformer from sectionalizing scheme due to upgrades.