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<th>Effective Date</th>
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<td>Manual Title(s):</td>
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**Committee Approval Path - What committee(s) have already seen these changes?**
The manual will be reviewed at the following committees/subcommittees:
- SOS
- OC
- PC (info)
- MIC (info)
- MRC

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<th>MRC 1st read date:</th>
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<td>MRC voting date:</td>
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**Impacted Manual sections:**
Sections 1 through 5, Attachments A, C, D and E

**Reason for change:**
Bi-annual review to update operating procedures.

**Summary of the changes:**
- Periodic Review: Updated terms throughout document for consistency
- Introduction – Modified intended audience for this manual
- Section 2.1.3 and 3.2 – Clarify time to correct in table columns and add reference to Load Shed Operating Procedure
- Section 3.2 and 3.5.3 – Clarified Normal and Emergency High voltage limits
- Section 3.2 and 3.3.2 – Remove references to specific voltage levels
- Section 3.3.1 – Changed 34 kV LD baseline voltage limit to n/a instead of 0.0
- Section 3.5.5 – Clarified language on high voltage limits
- Section 3.5.3: Updated Bulk Electric System Capacitor/SVC Operation, as a result of new SVC’s placed in-service.
- Section 3.7: Updated High Voltage Operation techniques; added STATCOM
- Section 3.7 – Removed opening of Homer City – Stolle Road as an option to control high voltage
- Section 3.8 – Added reference to steady state voltage collapse point and post-contingency low voltage in reactive interface limit determination
- Section 3.8 – Removed prior ComEd interface definition
- Section 3 Exhibit 5 - Added SMECO (effective 7/1/16) and ITCI (effective 6/1/16) companies to table.
- Section 3 Exhibit 5 - Added ATSI 500 kV voltage limits
- Section 3 Exhibit 5 – Updated ITCI Normal Limit and Normal High Limit (effective 6/1/16)
- Section 3 Exhibit 5 – Updated EKPC voltage drop limit and emergency low voltage limit.
- Section 3 Exhibit 5 – Updated Dominion normal high voltage limit.
- Section 4.2.1 – Renamed section to “Outage Submittal Rules” and modified language for ease of understanding. Removed ‘past deadline’ section of table on outages <= five calendar days
- Section 4.2.6 – Condensed language on “Peak Period Outage Scheduling Guidelines” to make Summer Peak Period June 15 – September 15 and recommend all outages scheduled during peak periods have < 72 hour restoration time
- Section 4.2.7 – Modified language on “Outage Scheduling Exceptions” for clarity
- Section 4.2.9 – Added note on Rescheduling Outages for clarity
- Section 4.2.11 – Revised language for “Coordinating Outage Requests With Other RTO’s”
- Section 5: Updated language to include time delay for Carolina 54 SPS and added company reference to SPS
- Section 5 and Attachment A: Removed Carolina 22 SPS due to retirement
- Section 5: Removed Note 2 from Bath County Stability Restriction
- Section 5: Updated wording in Note 5 for Bath County-Valley Stability SPS
- Section 5: Added references to DOM company documents for: Bath County – Valley Thermal Trip Scheme; Bath County – Valley Stability Trip Scheme; Clover Generator Shed Scheme; and Carolina ‘54’ line SPS
- Section 5: Added references to BGE company documents for: Concord Street and Mt. Washington SPS
### Executive Summary

#### Manual Changes

- Section 5: Modified BGE Concord Street SPS to reflect summer load dump ratings
- Section 5 and Attachment A: Removed Black Oak SPS due to retirement
- Section 5: Updated Homer City #2 and #3 stability trip scheme language.
- Section 5: Added Company references for Homer City #2 and #3 stability trip scheme (STS-1 – language new to manual, STS-2, STS-3)
- Section 5: Added references to FE company documents and default status for: Belmont SPS; Yards Creek Pumping, East Sayre – North Waverly 115 kV Relay; and Warren – Falconer 115 kV Relay
- Section 5: Added reference to PPL company document for Jenkins SPS
- Section 5: Updated UGI/PL 66kV Tie Line Operation based on new line clearance point
- Section 5: Updated references for C-3403 line termination from Hudson to Marion
- Section 5: Revised PS/ConEd wheel procedure with updated line names and designations
- Section 5: Removed Kammer operating procedure due to system upgrade
- Section 5: Removed reference about UPFC at Inez substation due to retirement
- Section 5: Updated Rockport operating guide due to the retirement of Breed substation and added reference to AEP company document
- Section 5: Updated Twin Branch – Argenta (Conservative Operations) due to system upgrade
- Section 5: Added Washington plant stability restriction
- Section 5: Added projected retirement dates to applicable SPS procedures
- Section 5: Updated the ComEd East Frankfort SPS procedure
- Section 5 and Attachment A: Added SPS designation for the Lisle SPS scheme
- Section 5: Updated the Dresden 345 kV bus operation procedure
- Section 5: Added the ComEd Crawford SVC procedure
- Section 5: Updated the ISO-NE Contingencies procedure
- Attachment A: Modified BGE Concord Street SPS to reflect summer load dump ratings and ‘armed’ period of 6/1-8/31 annually
- Attachment A: Modified BGE Mt. Washington SPS to show ‘armed’ period of 6/1-8/31 annually
- Attachment A: Removed Susquehanna #1 Unit SPS due to retirement
- Attachment C: Updated notes and exhibit numbers
- Attachment D: Removed constrains that are no longer part of the Post Contingency Congestion Management Program and added note that there are no constraints that are currently part of the program.
- Attachment E: Removed retired sectionalizing schemes at Hosensack and updated description of Jenkins 4 xfmr sectionalizing scheme.