

Effective Date	12/1/2015
Impacted Manual #(s)/Manual Title(s):	
Manual 3: Transmission Operations	
Conforming Order(s):	
None	
Associated Issue Tracking Title:	
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	
MRC 1st read date:	10/22/2015
MRC voting date:	11/19/2015
Impacted Manual sections:	
Sections 1 through 5, Attachments A, B, and E.	
Reason for change:	
Bi-annual review to update to operating procedures and periodic review.	
Summary of the changes:	
<ul style="list-style-type: none"> • Throughout: Revised/clarified language around use of the term SOL. • Throughout: Replaced term “eData” with “Data Viewer”. • Section 1.2: Added full name for Manual-01. • Section 1.5.2: Revised DMWG to DMS to reflect current name and subcommittee. • Section 1.7 and Attachment A: Added language to indicate the terms SPS and 	

RAS are used interchangeably.

- Section 3.3.1 Exhibit 3: Revised the PJM baseline voltage limits to 1 decimal point.
- Section 3.3.3: Updated the generator voltage schedule coordination among TOs, GOs, and PJM. Added voltage deviation criteria for GO notification to the TO and PJM.
- Sections 3.5 to 3.7: Reorganized sections for better clarity.
- Section 3.5.3 - Updated Bulk Electric System Capacitor/SVC Operation, included the Shingletown capacitor bank #3 logic.
- Sections 3.7: Modified note for on-site personnel for switching.
- Section 3.9: Added additional language on the use of the real-time Transient Stability Assessment (TSA) Tool.
- Section 3.9.1: Revised the title of the section/process.
- Section 3: Exhibit 5: Clarified PSE&G 230 kV prevailing voltage limits.
- Section 3 Exhibit 5: Updated FE-West (ATSI) 138 kV equipment voltage drop limit.
- Section 3 Exhibit 5: Updated FE-South (APS) voltage drop limits for 500 kV, 230 kV and 115 kV voltage class equipment.
- Section 4.2.9: Reformatted for clarification and grammatical corrections
- Section 5: Added new Oscillation Mitigation procedure.
- Section 5 and Attachment A: Removed Montour Runback Scheme (SPS).
- Section 5: Updated Cook nuclear voltage limit.
- Section 5: Added North Anna nuclear high voltage limit.
- Section 5: Added Surry nuclear high voltage limit.
- Section 5: Updated Beaver Valley nuclear voltage limit.
- Section 5: Updated Limerick nuclear voltage limit.
- Section 5: Updated Peach Bottom Valley nuclear voltage limit.
- Section 5: Modified Gavin Mountaineer–Rolling Hills Stability guide to reflect updates due to new lines in area.
- Section 5: Updated Rockport Operating procedure.
- Section 5: Revised PSEG N.O. Bus Section Breakers procedure based on transmission upgrades.
- Section 5: Removed PSEG Breaker Derate Table and added OASIS link for the PSEG single breaker de-rates posting

- Section 5: Removed PPL Sunbury 500/230 kV Transformer Ratings table and added OASIS link for the PPL single breaker de-rates posting.
- Section 5 and Attachment A: Revised PPL Jenkins SPS to include Stanton-Jenkins #2 230 kV line and new CBs.
- Section 5: Updated the NEPA stability limit procedure.
- Section 5: Added the Mainesburg switching under the PJM/NY-ISO Transfers section.
- Section 5: Updated Seneca stability restrictions and pumping procedure.
- Section 5: Deleted Burma-Piney 138 kV line from a list of FE East/South border facilities that may be opened for an actual or post contingency control.
- Section 5: Updated a list of facilities impacting PSE&G/ConEd Wheel deliverability.
- Section 5: Deleted DEOK Dimmick-Port Union 138 kV line relief procedure.
- Section 5: Removed DEOK single breaker de-rates table and added OASIS link for the DEOK single breaker de-rates posting.
- Section 5: Updated Clover Generator Shed Scheme [SPS] to clarify operation.
- Section 5: Revised Bath County Stability SPS procedure to reflect the use during the Cloverdale-Lexington outage.
- Section 5: Updated Bath County Stability Restrictions procedure to reflect new outage.
- Section 5: Updated Bath County Thermal SPS procedure.
- Section 5: Updated Crescent #1 and #3 345/138 kV autotransformer relief procedure.
- Section 5: Removed DLCO single breaker de-rates table and added OASIS link for the DLCO single breaker de-rates posting.
- Section 5 and Attachment A: Removed SPS designation for the Lisle Auto Sectionalizing Scheme and Auto Closing Scheme.
- Section 5: Updated the Byron Operating Guide due to bus upgrade.
- Section 5: Updated the Black Oak SVC settings.
- Section 5: Updated Title for FE-S Single Breaker Derates procedure.
- Section 5: Updated Chalk Point transformer procedure
- Section 5: Updated Title for BG&E Single Breaker Derates procedure.
- Section 5: Updated BGE/PEPCO/NOVA/Doubs Area Operating Procedure to remove import capability
- Section 5: Removed Nottingham – Cooper 230 kV Line Limitations section

- Section 5 and Attachment A: Consolidated Peach Bottom SPS sections
- Section 5: Revised Linwood SPS procedure to clarify monitoring on non-SPS contingencies
- Attachment A: Revised description for Susquehanna 1 SPS to specify line outages
- Attachment A: Revised description for Bath County Stability SPS.
- Attachment B: Removed Attachment B and references to it within the manual: replaced with references to EMS try-back displays.
- Attachment E: Removed the following sectionalizing schemes: Chancellor TX#1, Clover #9, Carson-Clover 556 line, Midlothian TX#2, Midlothian-North Anna 576 line, Pleasant View TX#3, Pleasant View-Loudoun 558 line, Yadkin TX#1, and Yadkin TX#2.
- Attachment E: Updated the Clifton TX#1 sectionalizing scheme.
- Attachment E: Added the Clifton TX#2 Sectionalizing scheme
- Attachment E: Added the Guilford #1 138/34.5 kV sectionalizing scheme
- Attachment E: Added the Guilford #2 138/69 kV sectionalizing scheme
- Attachment E: Added the Monocacy #4 230/138 kV sectionalizing scheme
- Prevision Revision History: Added the missing revision 45 list of revisions (listing only).
- Periodic Review: Updated/corrected web links and typos throughout document.