

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:

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.

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 5.5.5 - 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 9 Annex 3. Updated 12
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.

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

500/230 kV Transformer Ratings
table and added OASIS link for the
PPL single breaker de-rates
posting.

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.

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 2: 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 Duane 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.

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.

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 and references to it
within the manual: replaced with
references to EMS try-back
displays.

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.

