Manual-03: Transmission Operations Updates
Revision 53

Yuri Smolanitsky
Sr. Engineer, Transmission Operations
• Periodic Review. Corrected grammar and formatting throughout.
• Section 1.7 – Added external RAS evaluation process.
• Section 3.2 – Added a reference to the operating policy table to clarify timing requirement to mitigate a limit exceedance.
• Section 3.2 – Added a clarifying note for issuing and implementing PCLLRW.
• Section 3.5.5 – Clarification for the line open-ended high voltage study limit.
• Section 3.8 – Updated Western Interface definition.
• Section 3.11 – Updated Generator Voltage Schedule procedure.
• Section 4.2.12 and 5 – Removed reference to the Oyster Creek nuclear plant.
• Section 4.5 – Updated the Outage Acceleration process.
Section 3.11 - Generator Voltage Schedules

<table>
<thead>
<tr>
<th>Action Required</th>
<th>Deadline</th>
<th>Who is Affected</th>
</tr>
</thead>
<tbody>
<tr>
<td>• New Process</td>
<td></td>
<td>• Transmission Owners</td>
</tr>
<tr>
<td>• Transmission Owners verify/submit voltage schedule via eDART</td>
<td>1/1/2019</td>
<td>• Generation Owners</td>
</tr>
<tr>
<td>• Generation Owners review voltage schedules</td>
<td></td>
<td>• eDART Contacts</td>
</tr>
<tr>
<td>• eDART contact acknowledges voltage schedule in eDART</td>
<td></td>
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<tr>
<td>• New annual review requirement</td>
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</tbody>
</table>

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Specify

TO-Specified or PJM Default Voltage Schedule

Specify Voltage Schedule Type:
Voltage, Power Factor, or Reactive Power

Provide Target Voltage Schedule & Tolerance Band

Attach Voltage Schedule Letters (Optional)

Submit Exemption Requests

Review

Maintain List of Applicable Units (M-03 Sect. 3.11)

Review and Acknowledge Voltage Schedules

Coordinate adjacent TO/External Voltage Schedules

Approve Exemption Requests

Initiate Annual Voltage Schedule Reviews

Acknowledge

Acknowledge Voltage Schedules

Provide feedback on Voltage Schedule through GO Comments
• 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
- Removed BGE/PEPCO/Doubs/Northern Virginia (NOVA) operating procedure.

ComEd
- Removed University Park SPS procedure.

DEOK
- Added new Foster switching procedure.

Dominion
- Removed Carolina Substation line 54 RAS.
- Updated Bath County Stability Procedure.
Dominion
• Updated Brunswick/Greensville Stability procedure.
FirstEnergy-East
• Added new Birdsboro stability procedure.
Attachment A: RAS Listing
• Removed Davis Creek scheme.
• Removed University Park scheme.
• Removed Carolina line 54 scheme.

Attachment E: Automatic Sectionalizing Schemes
• Added 1 new scheme in AEP.
• Added 29 new schemes in Dominion.
• Added 8 new schemes in DLCO.
• Added 2 new schemes in FE-West.
Attachment E: Automatic Sectionalizing Schemes

- Added 59 new schemes in FE-South.
- Added 2 new schemes in PPL.
Committee Review

First Reads:
- October 3rd – SOS Joint, SOS-T (Section 5 only)
- October 9th – OC
- October 10th – MIC (Info Only), October 11th – PC (Info Only)
- October 25th – MRC

Endorsements:
- November 1st – SOS Joint, SOS-T (Section 5 only)
- November 6th – OC
- December 6th – MRC

December 12th – Implementation Date