Manual-03: Transmission Operations Updates
Revision 54

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
### Action Required

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

www.pjm.com
TO

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

PJM

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

GO

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.
Section 5: RTO, AEP, AE, BGE and ComEd

RTO
• Removed BGE/PEPCO/Doubs/Northern Virginia (NOVA) operating procedure.

AEP
• Added Cook stability procedure.

AE
• Added Cardiff, Cedar and Dennis SVC voltage procedure.

BGE
• Removed Mt. Washington SPS procedure.

ComEd
• Removed Mazon-Crescent Ridge 7713 line directional ratings 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.
• Updated Brunswick/Greensville Stability procedure.

FirstEnergy-East
• Added new Birdsboro stability procedure.
Attachment A: RAS Listing

- Mt. Washington SPS.
- 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.
Review Timeline

➤ 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