<table>
<thead>
<tr>
<th>Effective Date</th>
<th>12/8/2017</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Impacted Manual #(#)/Manual Title(s):</strong></td>
<td>Manual 3: Transmission Operations</td>
</tr>
<tr>
<td><strong>Conforming Order(s):</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Associated Issue Tracking Title:</strong></td>
<td></td>
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<tr>
<td><strong>Committee Approval Path - What committee(s) have already seen these changes?</strong></td>
<td>The manual will be reviewed at the following committees/subcommittees: SOS OC PC (info) MIC (info) MRC</td>
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<tr>
<td><strong>MRC 1st read date:</strong></td>
<td>10/26/2017</td>
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<tr>
<td><strong>MRC voting date:</strong></td>
<td>12/07/2017</td>
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<tr>
<td><strong>Impacted Manual sections:</strong></td>
<td>Sections 1, 2, 3 and 5, Attachments A and E</td>
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<tr>
<td><strong>Reason for change:</strong></td>
<td>Bi-annual review to update operating procedures.</td>
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| **Summary of the changes:** | - Cover to cover periodic review. Updated references and terminology. Designate SPS to RAS or to scheme where applicable.  
- Section 1.7: Updated dates for the SPS/RAS review and classification.  
- Section 2.1.1: Added exception language for thermal rating separation. |
### Executive Summary

**Manual Changes**

- Section 3.5.3: Added Montgomery and Damascus 230 kV capacitors. Removed Black Oak, Meadow Brook, and Doubs #2 capacitors.
- Section 3.9: Added NERC TPL standard references for stability analysis criteria.
- Section 3.9.1: Removed reference to Out of Management Control for stability restrictions.
- Section 3.11: Added notification language for the Generator Voltage Schedules updates.
- Section 3.12: Clarifications and additional information added with respect to the Reactive Reserve Check RRC process.
- Section 5: Updated nuclear voltage (NPIR) limits and reorganized procedure.
- Section 5: Updated the Automatic Remedial Action Scheme (RAS) Operating Criteria section.
- Section 5: Updated AEP Rockport Operating guide.
- Section 5: Updated the Dayton Darby Plant procedure.
- Section 5: Updated BGE Mt. Washington RAS procedure.
- Section 5: Updated the AEP Rockport Operating procedure.
- Section 5: Removed PJM/NY-ISO PAR Operation procedure.
- Section 5: Updated Oscillation Mitigation Procedure.
- Section 5: Updated the PECO Peach Bottom Transformer Outage procedure.
- Section 5: Updated the ComEd Kincaid Stability Trip Schemes procedure.
- Section 5: Updated the ComEd Powerton Stability Trip Schemes procedure.
- Section 5: Updated the ComEd Quad Cities and Cordova Limitations procedure.
- Section 5: Updated the ComEd East Frankfort TR83 345/138 kV Transformer Scheme procedure.
• Section 5: Updated the ComEd University Park North Energy Center Stability Trip Schemes procedure.

• Section 5: Updated the ComEd Elgin Energy Center Stability Bus Tie Scheme procedure.

• Section 5: Updated the ComEd Wolfs TR 81 Scheme procedure.

• Section 5: Updated the ComEd Dresden Unit 2 Trip Scheme procedure.

• Section 5: Updated the Dominion Clover Gen Shed Scheme procedure.

• Section 5: Updated the Dominion Bath County-Valley Stability RAS procedure.

• Section 5: Updated the Dominion Carolina RAS procedure.

• Section 5: Updated the FE-W Mansfield reclosing procedure.

• Section 5: Added the FE-S West Moreland/Ronco/South Bend stability procedure.

• Section 5: Added the FE-S Squab Hollow SVC procedure.

• Section 5: Updated the FE-S Belmont RAS procedure.

• Section 5: Updated the FE-E Warren-Falconer procedure by removing SPS designation.

• Section 5: Updated the FE-E E.Sayre-N.Waverly procedure by removing SPS designation.

• Section 5: Updated FE-E Seneca’s pumping procedure.

• Section 5: Removed DUQU Crescent #1 or #3 345/138 kV Autotransformer Relief procedure.

• Section 5: Removed the FE-E Yards Creek SPS procedure due to retirement. Tentative effective date of December 31, 2017.

• Section 5: Removed FE-S Willow Island Area thermal overload procedure.

• Attachment A: Removed Rockport Fast Valving SPS.
• Attachment A: Removed Aurora SPS.

• Attachment A: Removed Warren-Falconer SPS.

• Attachment A: Removed N. Waverly-E. Sayre SPS.

• Attachment A: Modified RAS/SPS descriptions. Reorganized list into two tables, one table for RAS and one table for non-redundant schemes.

• Attachment A: Remove the Yards Creek SPS.

• Attachment E: Added Jenkins #1 TX scheme with effective date.

• Attachment E: Added Elko #1 transformer scheme with effective date.

• Attachment E: Removed retired schemes and updated effective dates.