<table>
<thead>
<tr>
<th>Effective Date</th>
<th>12/06/2019</th>
</tr>
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<tbody>
<tr>
<td>Conforming Order(s)</td>
<td>None</td>
</tr>
<tr>
<td>Associated Issue Tracking Title</td>
<td></td>
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<td>Committee Approval Path - What committee(s) have already seen these changes?</td>
<td>The manual will be reviewed at the following committees/subcommittees: SOS OC RSCS/TTMS PC (info) MIC (info) MRC</td>
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<tr>
<td>MRC 1st read date:</td>
<td>10/31/2019</td>
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<td>MRC voting date:</td>
<td>12/05/2019</td>
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<tr>
<td>Impact Manual sections:</td>
<td>Sections 1, 3, 4, and 5. Attachment A &amp; B.</td>
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<tr>
<td>Reason for change:</td>
<td>Bi-annual review to update operating procedures.</td>
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| Summary of changes:        | - Cover to cover periodic review.  
- Section 1.1: Updated TOP distinction.  
- Section 1.7: Updated PJM Procedure to Review Remedial Action Schemes/Special Protection Systems (RAS/SPS) to remove mention of Special Protection Systems (SPS).  
- Section 3.2: Updated voltage drop reference as a percentage of pre kV by removing reference to |
nominal voltage.

- Section 3.5.3: Updated EHV capacitors in auto mode.
- Section 3.7 – Added additional lines to Dominion area for High Voltage Control.
- Section 4.2.12: Removed Nuclear Generating Station’s Circuit Breaker listing table.
- Section 4.3.2: Updated language in Real-Time Switching notification procedure to better align with dispatch switching practices.
- Section 5: Updated the RTO Recognition of Automatic Sectionalizing Schemes procedure.
- Section 5: Updated Dresden NPIR voltage limits and removed EMS bus node names.
- Section 5: Removed TMI NPIR limits due to unit retirement.
- Section 5: Updated Bi-Directional Ratings for AE.
- Section 5: Updated Bi-Directional Ratings for DPL.
- Section 5: Removed reference to Darwin in the header of the AEP Rockport procedure.
- Section 5: Updated AEP Tidd 138 KV switchyard operating guideline for Overduty Circuit Breakers.
- Section 5: Moved Dayton Darby procedure to AEP.
- Section 5: Updated AEP Cook Plant stability procedure.
- Section 5: Added Jacksons Ferry SVC procedure to AEP.
- Section 5: Added description of conditions for the 2345 circuit for the BGE 230 kV Harbor Crossing Cables procedure.
- Section 5: Updated ComEd Burnham – Taylor 345 kV Line Operation (SPOG 3-6).
- Section 5: Updated ComEd Transformer Operations at 138 kV Line Tie Breaker Substations (SPOG 4-30).
- Section 5: Updated ComEd SPOG 2-2-B Marengo procedure.
- Section 5: Updated ComEd SPOG 2-2-C Damen procedure.
- Section 5: Added ComEd Prospect Heights SVC procedure (SPOG 2-45).
- Section 5: Removed ComEd Itasca 138 kV N.O. Bus Tie 2-3 CB SPOG 2-37.
• Section 5: Removed ComEd Quad Cities/Cordova RAS/SPS procedure due to retirement.

• Section 5: Updated DOM Bath County Stability restriction for Valley-Dooms 500kV.

• Section 5: Updated Circuit Breaker name for Gordonsville Bus Tie under South Anna and Louisa CT Islanding Scheme.

• Section 5: Updated Glebe-VirginiaHills-Ox line reference from 2159A to 248 and added line #294 for parallel Braddock-Annandale in the Northern Virginia High Voltage Control procedure.

• Removed Lexington Area Loss-of-Load Contingency Mitigation Procedure due to additional Dooms-Lexington 2168 line.

• Section 5: Removed PPL Martins Creek Overdutied breaker procedure.

• Section 5: Added new PPL Wescosville 500/138 kV T3 Transformer Switching procedure.

• Section 5: Updated the UGI/PPL 66 kV Tie Line Operation procedure.

• Section 5: Updated FE EAST Conemaugh/Hunterstown/Fairview Stability Limits procedure.

• Section 5: Updated FE EAST Homer City #2 & #3 Stability Trip (RAS) unit output arming criteria.

• Section 5: Updated FE EAST Homer City Stability Limits single outage damping restrictions.

• Section 5: Updated FE EAST Seneca Stability procedure.

• Section 5: Updated FE EAST Seneca Pumping Notification Procedure (title only).

• Attachment A: Removed the Quad Cities Unit Stability Trip Scheme.

• Attachment A: Removed the Cordova /Quad Cities Multi-Line-Outage Unit Trip Scheme.

• Attachment A: Updated North Hampton RAS description based on future retirement.

• Attachment B: Replaced cause type from ‘New Construction’ to ‘Construction: New Equipment’ to align with eDART.