Generation Deactivation Notification Update

Transmission Expansion Advisory Committee
April 14, 2020
Generation Deactivations for 2018-2020
<table>
<thead>
<tr>
<th>Unit(s)</th>
<th>Transmission Zone</th>
<th>Requested Deactivation Date</th>
<th>PJM Reliability Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chesterfield 5 and 6 (1015 MW)</td>
<td>Dominion</td>
<td>5/31/2023</td>
<td>Reliability analysis complete. New baselines resolve identified impacts. Units can retire as scheduled</td>
</tr>
<tr>
<td>Keystone NUG (4.9 MW)</td>
<td>PPL</td>
<td>5/31/2020</td>
<td>Reliability analysis complete. No violation identified</td>
</tr>
</tbody>
</table>
Problem Statement: Generation Deliverability - Chesterfield 5 and 6

- Chickahominy 500/230 kV transformer is overloaded for loss of Chickahominy – Surry 500 kV line

Recommended Solution:

- Install the 2\textsuperscript{nd} Chickahominy 500/230 kV transformer (b3213)

Required IS Date: 06/01/2023
Projected IS Date: 06/01/2023

Estimated Project Cost: $22M
• V1 – 04/07/20 - Original slides posted