Transmission Expansion Advisory Committee
Generation Deactivation Update

November 5, 2015
## Deactivation Status

<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>Perryman unit 2 (51 MW)</td>
<td>BGE</td>
<td>01/01/2016</td>
<td>Reliability analysis complete. Impacts identified, resolved via an existing baseline upgrade, which is expected to be completed by June 2017. Interim operating measure identified and can be utilized until baseline upgrade complete. Unit expected to deactivate as scheduled.</td>
</tr>
<tr>
<td>Pottstown LF (Moser)</td>
<td>PECO</td>
<td>1/15/2016</td>
<td>Reliability analysis complete. No impacts identified.</td>
</tr>
</tbody>
</table>
• N-1-1 Thermal Violation
• Westport to Green 115 kV line 110553 is overloaded for the contingency loss of Westport to Green 115 kV line 110554 (‘BG_110554’) followed by the loss of Windy Edge to Hazelwood Tap to Erdman 115 kV line 110507 (‘BG_110507’).
• Westport to Green 115 kV line 110554 is overloaded for the contingency loss of Westport to Green 115 kV line 110553 (‘BG_110553’) followed by the loss of Windy Edge to Hazelwood Tap to Erdman 115 kV line 110508 (‘BG_110508’).
• Existing Upgrade: Build a new 115 kV switching station between Orchard St. and Monument St. Cost estimate is $26 M and time estimate is 6/1/2017 (B1086).
• BGE will be the designated entity
• Interim Solution: 110553 & 110554 are underground cables that share a common trench. When one of the cables is removed from service, the total heating in the trench is significantly reduced and the rating of the remaining cable goes up.