Generation Deactivation Notification
Update

Transmission Expansion Advisory Committee
February 11, 2016
<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>Will County unit 4 (510 MW)</td>
<td>ComEd</td>
<td>05/31/2018</td>
<td>Reliability analysis complete. Impacts identified.</td>
</tr>
</tbody>
</table>
Deactivation Update: Deactivation Notifications

- Will County Unit 4
  - ComEd Transmission Zone
  - 510 MW
  - Deactivation date: 05/31/2018
Common Mode Outage:
- Dresden 345/138 kV transformer 83 is overloaded for the line fault stuck breaker contingency loss of Dresden to Elwood 345 kV circuit and Elwood 345/18 kV transformers ('900-45-BT2-3').

Immediate Need
- Due to the timing of the need for the reinforcement an RTEP proposal window is infeasible

Alternatives Considered
- Due to the immediate need of the project no alternatives were considered

New Baseline upgrade (B2732.1): Cut-in of line 93505 Tazewell-Kendall 345 kV line into Dresden

Construction Designation
- Due to the immediate need, the local Transmission Owner will be the Designated Entity

Cost estimate: $17 M
- Required IS Date: 06/01/2018
- Projected IS Date: 06/01/2019

Note: ComEd likely to try and complete the upgrade sooner. Possible operating step of opening Elwood bus tie 2-3 or generation re-dispatch to mitigate the overload in the interim.
• B2732.2 upgrade caused a new Common mode outage violation on Pontiac-Loretto 345 kV line (8012) for the line fault stuck breaker contingency loss of Pontiac-Dresden 345 kV line and Pontiac 345/138 kV transformer (‘012-45-BT13-14’).

• Immediate Need
  – Due to the timing of the need for the reinforcement an RTEP proposal window is infeasible

• Alternatives Considered
  – Due to the immediate need of the project no alternatives were considered

• New Baseline upgrade (B2732.2): Raise towers to remove the sag limitations.

• Construction Designation
  – Due to the immediate need, the local Transmission Owner will be the Designated Entity

• Cost estimate is $3.4 M
• Required in-service date: 06/01/2018
• Projected in-service date: 6/15/2016
• New ratings: 1364/1528/1912 MVA