Eastern Transfer Interface Definition Change
Definition change is due to Susquehanna-Roseland Project (S-R)

- S-R adds another 500 kV path
  - Susquehanna-Lackawanna-Hopatcong-Roseland (S-R)

- Impact
  - Changes certain generator distribution factors (dfax)
  - Increases import capability to the east (sink)

- Current Eastern Transfer Interface definition will need to be modified
Current Definition

- Juniata - Alburtis
- Peach Bottom - Limerick
- Rock Springs-Keeney
- TMI - Hosensack
- Wescosville-Alburtis
New Definition

- Juniata - Alburtis
- Peach Bottom - Limerick
- Rock Springs-Keeney
- TMI- Hosensack
- Wescosville-Alburtis
- Lackawanna-Hopatcong
Dfax Impact

- If definition is *not* changed, some units' distribution factors will decrease.
- If definition is changed, distribution factors will align more with the current distribution factors.
Import capability increases with S-R in service

- Amount of increase depends on system conditions
- New definition would reflect the increase in import
  - Current definition would **not** reflect the increase in import

<table>
<thead>
<tr>
<th>Definition</th>
<th>Type</th>
<th>Current Configuration</th>
<th>S-R in Service</th>
<th>Difference (pre vs post S-R)</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Import Capability</td>
<td>Interface Flow/Limit</td>
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</tr>
<tr>
<td>Current Eastern</td>
<td>Voltage Collapse</td>
<td>3250</td>
<td>7586</td>
<td>3910</td>
</tr>
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<td>Definition</td>
<td>Voltage Drop Limit</td>
<td>3143</td>
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Implementation Plan

- Tentative effective date of mid-December to coincide with the winter EMS model build.
- No impact until the Lackawanna-Hopatcong line is actually in service sometime in early 2015.
Questions can be directed to PJM Transmission Operations Dept.