Western Transfer Interface Definition Change

Christopher Callaghan
Sr. Engineer- Markets Coordination Department
System Operations Subcommittee
September 06, 2018
• Definition change is due to Network project n4682.
  – Adds new Vinco substation between Conemaugh and Hunterstown.
  – Definition will be effective when the new substation is energized (est. 10/16/18).
Definition Changes

- **Current Definition (from-to)**
  - 5004 Keystone – Juniata 500 kV line
  - 5005 Conemaugh – Juniata 500 kV line
  - 5006 Conemaugh – Hunterstown 500 kV line
  - 5055 / 522 Doubs – Brighton 500 kV line

- **New Definition (from-to)**
  - 5004 Keystone – Juniata 500 kV line
  - 5005 Conemaugh – Juniata 500 kV line
  - 5068 Vinco – Hunterstown 500 kV line
  - 5055 / 522 Doubs – Brighton 500 kV line
<table>
<thead>
<tr>
<th>Type</th>
<th>Company</th>
<th>Zone</th>
<th>Station</th>
<th>Voltage</th>
<th>Name</th>
<th>Eq. End</th>
</tr>
</thead>
<tbody>
<tr>
<td>LE</td>
<td>PN</td>
<td>PN</td>
<td>VINCO</td>
<td>500 KV</td>
<td>HUN-VIN</td>
<td>B</td>
</tr>
<tr>
<td>LE</td>
<td>PN</td>
<td>PN</td>
<td>CONEMAUG</td>
<td>500 KV</td>
<td>CNM-JUN</td>
<td>A</td>
</tr>
<tr>
<td>LE</td>
<td>PN</td>
<td>PN</td>
<td>KEYSTONE</td>
<td>500 KV</td>
<td>JUN-KEY</td>
<td>B</td>
</tr>
<tr>
<td>LE</td>
<td>APS</td>
<td>APSS</td>
<td>DOUBS</td>
<td>500 KV</td>
<td>BRI-DOU</td>
<td>B</td>
</tr>
</tbody>
</table>
Impact / Plan

- Minimal Impact since the new Vinco substation is close to Conemaugh.
- Manual 03: Transmission Operations will be updated with new definition
  - Interface will remain as an IROL in Manual-37.

- Posted Information: