PPL ELECTRIC UTILITIES

Retirement of SPS Schemes in 2015
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• Susquehanna Loss of Outlet Scheme - May 2015
• Wescosville Transformer #3 - May, 2015
• Montour Runback SPS - September, 2015
Susquehanna Generator Loss of Outlet

• Tripped Susquehanna Unit 2 when the two-500 kV outlets were open at the same time.
• With the addition of the Susquehanna-Roseland 500 kV line in May 2015, this SPS is no longer needed.
• Scheme retired and removed in May 2015. No longer in PJM Manual 03.
Wescosville T3 SPS

• Wescosville 500-138 kV Transformer T3 was tripped when the Alburtis end of the Susquehanna-Wescosville-Alburtis 500 kV line was open.

• With the installation of Breinigsville 500-138-69 kV Substation in May 2015, this SPS is no longer needed.

• **Scheme retired and removed in May 2015. No longer in PJM Manual 03.**
Montour Runback SPS

- With construction work on the 230 kV line between Lackawanna and Bushkill and on one of the two Susquehanna-Harwood 230 kV lines, certain contingencies could overload the remaining Susquehanna-Harwood 230 kV line.

- SPS either reduced output of Montour Units 1 and 2 or tripped the units to alleviate the overload.

- With the 230 kV Line between Lackawanna and Bushkill rebuilt and both Susquehanna-Harwood 230 kV lines in-service, this SPS is no longer needed.

- **Scheme is currently blocked.**

- **Scheme to be removed - September, 2015.**