

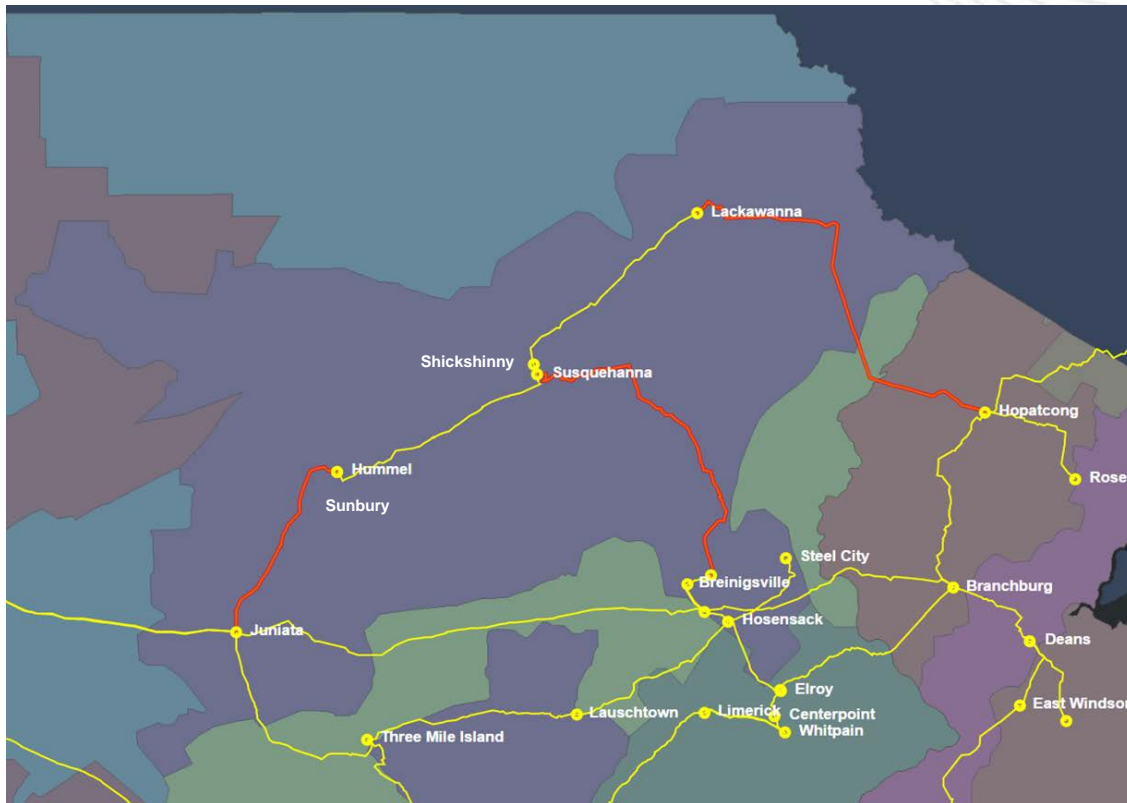


# PA Central Reactive Transfer Interface

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- Increase in gas generation plants in Central PA.
- Planned transmission outages on the 500 kV system for maintenance.
  - **Current scheduled outage for 10/16/18-10/20/18 (edart # 766147)**
- Studies identified voltage issues on the 500 kV system under certain generation patterns along with a 500 kV transmission line outage.
  - **A reactive transfer interface is needed to control for a contingent voltage drop on the 500 kV system.**

- Definition:
  - Lackawanna–Hopatcong 500 kV line
  - Sunbury–Juniata 500 kV line
  - Susquehanna–Wescosville 500 kV line



Interface Definition						
Type	Company	Zone	Station	Voltage	Name	Eq. End
LE	PL	PL	LACKAWAN	500 KV	HOP-LAC	B
LE	PL	PL	SUNBURY	500 KV	JUN-SUN	B
LE	PL	PL	SUSQUEHA	500 KV	SUS-WES	A

- Operational Impact
  - Efficient controlling actions
  - Dynamic calculation of the controlling limit based on system topology and resources in the area
- Posted Information
  - <http://www.pjm.com/markets-and-operations/etools/oasis/system-information.aspx>