

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>