

# PENELEC Interface

## Details

PJM has created the PENELEC Interface, which will be effective on April 22, 2015. PJM anticipates the PENELEC Interface will be used to support any thermal and/or voltage conditions associated with emergency transmission outages in the PENELEC area during the outage conditions. The interface will be effective until further notice.

The PENELEC Interface is NOT an IROL transfer interface. Therefore, a transfer limit is NOT calculated for it by the PJM EMS. In this case, the limit will be the actual flow on the PENELEC interface. The PENELEC Interface will be used to set RT LMP if Load Management is deployed on a zonal basis when thermal and/or voltage conditions are encountered. The PENELEC interface can also set RT LMP for Generating resources.

The PENELEC Interface is a closed-circle interface, which includes the entire PN transmission zone, and it is comprised of generation and load buses in the PN zone (see Interface Definition section below). The PENELEC Interface will be modeled in the Day Ahead if adequate information is known regarding the deployment of Load Management on a zonal basis in advance of the market deadlines and will not be modeled in FTR markets.

## Interface Definition

Station	Voltage	Name	Type	Eq. End
JUNIATA	500 KV	JUN-KEY	LE	A
JUNIATA	500 KV	CNM-JUN	LE	B
JUNIATA	230 KV	JUN-LEW	LE	A
LACKAWAN	230 KV	LAC-OXB	LE	A
GARDNERS	115 KV	CAR-GAR	LE	B
HUNTERST	500 KV	CNM-HUN	LE	B
ARMSTRON	345 KV	ARM-HOM	LE	A
ARMSTRON	345 KV	ARM-HAN	LE	A
BURMA	115 KV	BUR-PIN	LE	A
CABOT	500 KV	CAB-KEY	LE	A
ELKO	230 KV	ELK-SHA	LE	A

ELKO	230 KV	ELK-FOR	LE	A
ELKO	138 KV	BRO-ELK	LE	B
GARRETT	115 KV	GAR-GAR	LE	B
GREE APS	138 KV	GRE-ROX	LE	A
LOBO	230 KV	LOB-MARS	LE	A
MOSHANON	230 KV	MOS-SHA	LE	A
NEWBETHL	138 KV	BRO-NEW	LE	B
POTTER	115 KV	POT-TWO	LE	A
POTTER	115 KV	POT-TEN	LE	B
SBEND	500 KV	KEY-SBE	LE	B
SHINGLET	230 KV	SHA-SHI	LE	B
SHINGLET	230 KV	LEW-SHI	LE	B
SOCIALHA	138 KV	BLA-SOC	LE	B
SQUABHOL	230 KV	FOR-SQU	LE	B
SQUABHOL	138 KV	BRO-SQU	LE	B
ASHTABUL	345 KV	ASH-ERI	LE	A
FALCONER	115 KV	FAL-WAR	LE	A
GOUDEY	115 KV	GOU-LAU	LE	A
NWAVERLY	115 KV	ESA-NWA	LE	B
HILLSIDE	230 KV	ETO-HIL	LE	B
STOLLERD	345 KV	HOM-STO	LE	B
SRIPLEY	230 KV	ERI-SRI	LE	B
WATERCUR	345 KV	MAI-WAT	LE	B
WATERCUR	345 KV	HOM-WAT	LE	B