

Initial TCC Auction Spring 2005

Posted: February 25, 2005

One Year Round #1

Binding Constraints

Normal Loading Constraints:

Tremont 345/138 kV Transformer
Gowanus - Greenwood 138 kV
Waterside 13/13.8 kV Transformer
Linden Cogen 345/13 kV Transformer
Rainey 345/13.8 kV Transformer
Hudson Ave. 138/13.8 kV Transformer
Rainey 345/138 kV Transformer
Greenwood - Kent Ave. 138 kV
Pittsford - Station 42B 34 kV
Lovett 138/20 kV Transformer
Bowline 345/20 kV Transformer
Gowanus - Greenwood 138 kV
Batavia 115/13.8 kV Transformer
Gowanus 138/13.8 kV Transformer
JFK Airport 138/13.8 kV Transformer
Lovett 69/20 kV Transformer
Stolle Rd. 115/13.8 kV Transformer
South Ripley 230/13.8 kV Transformer
Greenwood 138/13.8 kV Transformer
Macedon 115/13.8 kV Transformer
Vernon 138/13.8 kV Transformer
North Catskill 69/13.8 kV Transformer
Hoosick 115/13.8 kV Transformer
Dunkirk 115/13 kV Transformer
Mortimer 115/13.8 kV Transformer
Ft. Orange 115/13.8 kV Transformer
East Norwich 115/13.8 kV Transformer
North Troy 115/13.8 kV Transformer
Danskammer 115/13 kV Transformer
Ashokan 69/13.8 kV Transformer
Hudson Ave. 138/13.8 kV Transformer
East Fishkill - Roseton 345 kV
Packard 115/13.8 kV Transformer
Fox Hills 138/13.8 kV Transformer
Dunkirk 230/13 kV Transformer

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Beebee 13/13.8 kV Transformer
Chateauguay - Massena 765 kV
South Perry 115/13.8 kV Transformer
Sturgeon Pool 69/13.8 kV Transformer
Grahamsville 69/13.8 kV Transformer
Greenbush 115/13.8 kV Transformer
Buchanan 138/13 kV Transformer
Inghams 115/13.8 kV Transformer
Black River 115/13.8 kV Transformer
Walck Rd. 115/13.8 kV Transformer
Packard 115/13.8 kV Transformer
Fulton 115/13.8 kV Transformer
Mohican 115/13.8 kV Transformer
East 13th St. 69/13.8 kV Transformer
Inghams 115/13.8 kV Transformer
Gilboa 345/17 kV Transformer
Buchanan 138/13.8 kV Transformer
State St 115/13.8 kV Transformer
Jennison 115/13 kV Transformer
North Catskill 69/13.8 kV Transformer
Vernon 138/13.8 kV Transformer
West 49th St. 138/13.8 kV Transformer
Farragut 138/13.8 kV Transformer
Farragut 138/13.8 kV Transformer
Kensico 138/13.8 kV Transformer

PSE&G - Con Edison wheel
Central East Interface
Dysinger East Interface
UPNY Con Ed Interface

Contingency Constraints:

Dunwoodie - Rainey 345 kV for loss of Dunwoodie - Rainey 345 kV

Astoria - Hell Gate 138 kV for loss of Shore Rd. - Dunwoodie 345 kV

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Pleasant Valley - Leeds 345 kV for loss of Leeds - Athens 345 kV

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Depew Tap - Walden 115 kV for loss of Gardenville - Gardenville 230 kV

Falconer - Warren 115 kV for loss of Dunkirk - South Ripley 230 kV

Niagara - Beck 230 kV for loss of Niagara - Beck 345 kV

Hudson Ave. - Jamaica 138 kV for loss of Hudson Ave. - Jamaica 138 kV

Lovett - Bowline 138 kV for loss of Bowline 2 - Ladentown 345 kV

Lovett - West Haverstraw 138 kV for loss of Bowline 2 - Ladentown 345 kV

Rainey 345/138 kV Transformer for loss of Rainey - Vernon 138 kV

Gowanus 345/138 kV Transformer for tower contingency:

Fresh Kills - Goethals 345 kV

Fresh Kills - Goethals 345 kV

Goethals - Linden 230 kV

Depew Tap - Walden 115 kV for tower contingency:

Huntley - Packard 230 kV

Huntley - Packard 230 kV

Huntley 115/23 kV Transformer for tower contingency:

Huntley - Packard 230 kV

Huntley - Packard 230 kV

Nicholville - Parishville 115 kV for tower contingency:

Moses - Willis 230 kV

Plattsburgh - Willis 230 kV

Moses - Willis 230 kV

Plattsburgh - Willis 230 kV

Sprainbrook - West 49th St. 345 kV for stuck breaker contingency:

Sprainbrook - West 49th St. 345 kV

Dunwoodie - Sprainbrook 138 kV

Lockport - Sweden 115 kV for stuck breaker contingency:

Niagara - Rochester 345 kV

Rochester 345/115 kV Transformer

S.E. Batavia - Batavia 115 kV for stuck breaker contingency:

Niagara - Rochester 345 kV

Rochester 345/115 kV Transformer

Dunwoodie 138 kV PAR for multiple contingency:

Sprainbrook - Tremont 345 kV
Tremont 345/138 kV Transformer
Tremont 345/138 kV Transformer

Dunwoodie 138 kV PAR for multiple contingency:

Sprainbrook - Tremont 345 kV
Tremont 345/138 kV Transformer
Tremont 345/138 kV Transformer

Fresh Kills 345/138 kV Transformer for tower contingency:

Fresh Kills - Goethals North 345 kV
Fresh Kills - Goethals South 345 kV
Goethals North - Linden 230 kV
Fresh Kills 345/138 kV Transformer

Station 82 - Station 67 115 kV for stuck breaker contingency:

Pannell - Rochester 345 kV
Rochester 345/115 kV Transformer

Corona 138 kV PAR for multiple contingency:

Corona - Jamaica 138 kV
Corona 138 kV PAR

Fox Hills - Willow Brook 138 kV for multiple contingency:

Fresh Kills - Willow Brook 138 kV
Fox Hills - Willow Brook 138 kV