

Initial TCC Auction Spring 2005

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Six Month Round #5

Binding Constraints

Normal Loading Constraints:

Tremont 345/138 kV Transformer
JFK Airport 138/13.8 kV Transformer
Gowanus - Greenwood 138 kV
JFK Airport 138/13.8 kV Transformer
Fresh Kills 345/138 kV Transformer
East 179th St. - Hell Gate 138 kV
Waterside 13/13.8 kV Transformer
Rainey 345/13.8 kV Transformer
Vernon 138/13.8 kV Transformer
Inghams 115/13.8 kV Transformer
Pearl River 69/13.8 kV Transformer
High Falls 69/13.8 kV Transformer
Batavia 115/13.8 kV Transformer
Danskammer 115/13 kV Transformer
Vernon - Kent Ave. 138 kV
Ashokan 69/13.8 kV Transformer
Rainey 345/13.8 kV Transformer
Neversink 69/13.8 kV Transformer
Pittsford - Station 42B 34 kV
Ticonderoga 115/13.8 kV Transformer
East Walden 69/13.8 kV Transformer
Hillburn 69/13.8 kV Transformer
Stolle Rd. 115/13.8 kV Transformer
Beebee 13/13.8 kV Transformer
South Ripley 230/13.8 kV Transformer
Langdon 115/13.8 kV Transformer
Danskammer 115/13.8 kV Transformer
Milliken 115/13.8 kV Transformer
Buchanan 138/13 kV Transformer
Inghams 115/13.8 kV Transformer
Deerfield 115/13.8 kV Transformer
Northside 115/13.8 kV Transformer
Indian Point 3 345/22 kV Transformer
East Norwich 115/13.8 kV Transformer
Goudey 115/13 kV Transformer

Ohioville 69/13.8 kV Transformer
Macedon 115/13.8 kV Transformer
Border City 115/13.8 kV Transformer
Indek 115/13.8 kV Transformer
Watkins Rd. 115/13.8 kV Transformer
Dunkirk 115/13 kV Transformer
West 49th St. 138/13.8 kV Transformer
Kensico 138/13.8 kV Transformer
Farragut 138/13.8 kV Transformer

PSE&G - Con Edison wheel
Central East 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
Astoria - Hell Gate 138 kV for loss of Shore Rd. - Dunwoodie 345 kV
Pleasant Valley - Leeds 345 kV for loss of Leeds - Athens 345 kV
Pleasant Valley - Leeds 345 kV for loss of Pleasant Valley - Athens 345 kV
Ramapo - Sugarloaf 138 kV for loss of Rock Tavern - Middletown Tap 345 kV
Niagara - Beck 230 kV for loss of Niagara - Beck 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
Burns - Ramapo 138 kV for tower contingency:
 Bowline 1 generator
 Bowline 2 generator
 Ladentown - West Haverstraw 345 kV
 Bowline - Ladentown 345 kV
 West Haverstraw 345/138 kV Transformer
 Buchanan - Ladentown 345 kV
 Ladentown - Ramapo 345 kV
Gowanus 345/138 kV Transformer for tower contingency:
 Fresh Kills - Goethals 345 kV
 Fresh Kills - Goethals 345 kV

Goethals - Linden 230 kV

New Scotland - GE Plastics 115 kV for tower contingency:

Coopers Corners - Marcy 345 kV

Coopers Corners - Fraser 345 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

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

Dunwoodie - Rainey 345 kV

Dunwoodie - Sprainbrook 345 kV

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

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