

**Initial TCC Auction
Winter 2004/2005**

Posted: February 18, 2005

March Reconfiguration

Binding Constraints

Normal Loading Constraints:

Sprainbrook - West 49th St. 345 kV
East Garden City - Valley Stream 138 kV
JFK Airport 138/13.8 kV Transformer
Batavia 115/13.8 kV Transformer
JFK Airport 138/13.8 kV Transformer
Pittsford - Station 42B 34 kV
Astoria 138/13.8 kV Transformer
Kintigh 345/26 kV Transformer
North Catskill 69/13.8 kV Transformer
Golah 115/13.8 kV Transformer
Pearl River 69/13.8 kV Transformer
North Troy 115/13.8 kV Transformer
Lovett 69/20 kV Transformer
Station 162 - Station 158 115 kV
Brentwood 69/13 kV Transformer
East Norwich 115/13.8 kV Transformer
Mortimer 115/13.8 kV Transformer
Sandborn 115/13.8 kV Transformer
Chateauguay - Massena 765 kV
Ohioville 69/13.8 kV Transformer
Jennison 46/13 kV Transformer
Buell 69/13.8 kV Transformer
Beebee 13/13.8 kV Transformer
Inghams 115/13.8 kV Transformer
Mulberry NY 34/13.8 kV Transformer
East Ithaca 115/13.8 kV Transformer
Pyrites 115/13.8 kV Transformer
East Walden 69/13.8 kV Transformer
State St 115/13.8 kV Transformer
South Ripley 230/13.8 kV Transformer
Hoosick 115/13.8 kV Transformer
Huntley 115/13 kV Transformer
Border City 115/13.8 kV Transformer
Packard 115/13.8 kV Transformer
Glenwood 138/13.8 kV Transformer
High Falls 69/13.8 kV Transformer

Inghams 115/13.8 kV Transformer
Tilden 115/13.8 kV Transformer
Greenwood 138/13.8 kV Transformer
Dunkirk 230/13 kV Transformer
Glenwood 69/13.8 kV Transformer
Rankine 12/13.8 kV Transformer
Mitchell Gardens 69/13.8 kV Transformer
Stolle Rd. 115/13.8 kV Transformer
Mongaup 69/13.8 kV Transformer
Huntley 230/13 kV Transformer
Tilden 115/13.8 kV Transformer
Watkins Rd. 115/13.8 kV Transformer
Carr St. 115/13.8 kV Transformer
Bristol Hill 115/13.8 kV Transformer
Deerfield 115/13.8 kV Transformer
West 49th St. 138/13.8 kV Transformer
Rainey 345/13.8 kV Transformer

Central East Interface
PSE&G - Con Edison wheel

Contingency Constraints:

Gowanus 345/138 kV Transformer for loss of Farragut - Gowanus 345 kV

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

Dunwoodie - Shore Rd. 345 kV for loss of Sprainbrook - East Garden City 345 kV

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

Gowanus 345/138 kV Transformer for loss of Gowanus South - Greenwood 138 kV

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

Astoria - Hell Gate 138 kV for multiple contingency:

East 179th St. - Hell Gate 138 kV

Astoria - Hell Gate 138 kV

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East 179th St. - Hell Gate 138 kV

Astoria - Hell Gate 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

Gardenville - Station 139 115 kV for tower contingency:
Dunkirk - Gardenville 230 kV
Dunkirk - Gardenville 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

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

Corona 138 kV PAR for multiple contingency:
Corona - Jamaica 138 kV
Corona 138 kV PAR

Fox Hills - Greenwood 138 kV for multiple contingency:
Fresh Kills - Willow Brook 138 kV
Fox Hills - Willow Brook 138 kV

Tremont - Parkchester 138 kV for multiple contingency:
Tremont - Parkchester 138 kV
East 179th St. - Parkchester 138 kV