

**Initial TCC Auction
Summer 2005**

Posted: April 29, 2005

May Reconfiguration

Binding Constraints

Normal Loading Constraints:

Tremont 345/138 kV Transformer
Gowanus - Greenwood 138 kV
Pearl River 69/13.8 kV Transformer
East 179th St. - Hell Gate 138 kV
West 49th St. 138/13.8 kV Transformer
Inghams 115/13.8 kV Transformer
Astoria 138/13.8 kV Transformer
South Ripley 230/13.8 kV Transformer
Hillburn 69/13.8 kV Transformer
Beebee 13/13.8 kV Transformer
Stolle Rd. 115/13.8 kV Transformer
Glenwood 138/13.8 kV Transformer
Gowanus 138/13.8 kV Transformer
Gowanus 138/13.8 kV Transformer
Neversink 69/13.8 kV Transformer
Vernon - Kent Ave. 138 kV
Chateauguay - Massena 765 kV
Batavia 115/13.8 kV Transformer
East Ithaca 115/13.8 kV Transformer
South Perry 115/13.8 kV Transformer
High Falls 69/13.8 kV Transformer
Watkins Rd. 115/13.8 kV Transformer
Buchanan 138/13 kV Transformer
Northside 115/13.8 kV Transformer
Bowline 345/20 kV Transformer
Sturgeon Pool 69/13.8 kV Transformer
Gardenville - Rankine 115 kV
State St 115/13.8 kV Transformer
Farragut 138/13.8 kV Transformer
Farragut 138/13.8 kV Transformer

Central East Interface
PSE&G - Con Edison wheel
Dysinger 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

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

East Garden City - Valley Stream 138 kV for loss of Lake Success - Jamaica 138 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

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

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

Border City - Farmington 115 kV for stuck breaker contingency:

Pannell - Clay 345 kV

Clay - Edic/Porter 345 kV

S.E. Batavia - Batavia 115 kV for stuck breaker contingency:
Niagara - Rochester 345 kV
Rochester 345/115 kV Transformer

Lockport - Sweden 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

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

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