

Initial TCC Auction Summer 2006

**Posted: April 21, 2006
May Reconfiguration**

Binding Constraints

Normal Loading Constraints:

Dunwoodie - Rainey 345 kV
Fresh Kills - Willow Brook 138 kV
Hudson Ave. - Jamaica 138 kV
Gowanus - Greenwood 138 kV
East Garden City - Valley Stream 138 kV
Vernon - Kent Ave. 138 kV
Farragut 138/13.8 kV Transformer
Jennison 13/13.8 kV Transformer
Astoria - Hellgate 138 kV
Buchanan 138/13.8 kV Transformer
Astoria 138/13 kV Transformer
Batavia 115/13.8 kV Transformer
Greenwood 13/13.8 kV Transformer
Saugerties-Ashokan 69 kV
North Catskill 69/13.8 kV Transformer
Inghams 115/13.8 kV Transformer
Inghams 115/13.8 kV Transformer
South Ripley 230/13.8 kV Transformer
Inghams 115/13.8 kV Transformer
Ticonderoga 115/13.8 kV Transformer
Jennison 115/13 kV Transformer
Brentwood 13/13.8 kV Transformer
Hillburn 69/13.8 kV Transformer
Browns Falls 115/13.8 kV Transformer
Buchanan 13/13.8 kV Transformer
State St 115/13.8 kV Transformer
Gowanus 138/13.8 kV Transformer
Adirondack 230/115 kV Transformer
Beebee 13/13.8 kV Transformer
East Fishkill - Roseton 345 kV
Buchanan 345/22 kV Transformer
Moses 115/13 kV Transformer
East Ithaca 115/13.8 kV Transformer
Danskammer 115/13.8 kV Transformer
Indian Point 3 345/22 kV Transformer
Shoemaker 69/13.8 kV Transformer
Ohioville 69/13.8 kV Transformer

Gardenville 115/13.8 kV Transformer
Farragut 138/13.8 kV Transformer
Beebee - Station 29 3R 34 kV
Border City 115/13.8 kV Transformer
Watkins Rd. 115/13.8 kV Transformer
High Falls 69/13.8 kV Transformer
Eastview 138/13.8 kV Transformer
Buchanan 13/13.8 kV Transformer
Stolle Road 115/13.8 kV Transformer

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

Contingency Constraints:

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

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

Buchanan - Millwood 345 kV for loss of Buchanan - Millwood 345 kV

Corona 138 kV PAR for loss of Corona - Jamaica 138 kV

Gowanus 138 kV PAR for loss of Fresh Kills 345/138 kV Transformer

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

Delhi - Delhi Tap 115 kV for loss of Oakdale - Fraser 345 kV

Rainey - Vernon 138 kV for loss of Rainey - Vernon 138 kV

East 179th St. - Parkchester 138 kV for loss of Tremont - Parkchester 138 kV

Dunwoodie - Shore Rd. 345 kV for multiple contingency:
Reactor Y49 - 345 kV Bus
Dvnpt Nk - 345 kV Bus
Hmp Hrbr - 345 kV Bus

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

Gowanus 138 kV PAR for tower contingency:

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

Burns - Ramapo 138 kV for tower contingency:

- Bowline 1 Generator
- Bowline 2 Generator
- Ladentown - West Haverstraw 345 kV
- West Haverstraw 345/138 kV Transformer
- Buchanan - Ladentown 345 kV
- Ladentown - Ramapo 345 kV
- Bowline - Ladentown 345 kV

East 13th St. 138/69 kV Transformer for multiple contingency:

- East 13th St. - Farragut 345 kV
- East 13th St. 345/138 kV Transformer
- East 13th St. 345/69 kV Transformer
- Poletti - East 13th St. 345 kV

Dunwoodie 138 kV PAR for multiple contingency:

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

Dunwoodie 138 kV PAR for multiple contingency:

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