

Initial TCC Auction Spring 2004

Posted: February 20, 2004

One Year Round #1

Binding Constraints

Normal Loading Constraints:

Tremont 345/138 kV Transformer
Pittsford – Station 42B 34 kV
Jennison 115/13 kV Transformer
Station 5 13.8/11 kV Transformer
Bowline 345/20 kV Transformer
Beebee 13.8/13 kV Transformer
Warren – Falconer 115 kV
Watkins Road 115/13.8 kV Transformer
Border City 115/13.8 kV Transformer
Whitehall – Ticonderoga 115 kV
Hellgate E 138/13.8 kV Transformer
Gowanus – Greenwood 138 kV
Mohansic 115/13 kV Transformer
Greenidge 115/13 kV Transformer
Astoria E 138/13.8 kV Transformer
Rainey 345/138 kV Transformer
So. Ripley 230/13.8 kV Transformer
Ashokan 69/13.8 kV Transformer
Inghams E 115/13.8 kV Transformer
Ohioville 69/13.8 kV Transformer
Gowanus 138/13.8 kV Transformer
Freshkills 138/13 kV Transformer
Hickling 115/13 kV Transformer
Shoemaker 69/13.8 kV Transformer
Chateauguay – Massena 765 kV
Mohican 115/13.8 kV Transformer
Mulberry St. 34/13.8 kV Transformer
High Falls 69/13.8 kV Transformer
Northside 115/13.8 kV Transformer
Lovett 69/20 kV Transformer
Lovett 138/20 kV Transformer
South Perry 115/13.8 kV Transformer
Mongaup 69/13.8 kV Transformer
Inghams C 115/13.8 kV Transformer
Langdon 115/13.8 kV Transformer

Kintigh 345/26 kV Transformer
West 49th St. 138/13.8 kV Transformer
North Ogdensburg 115/13.8 kV Transformer
East Norwich 115/13.8 kV Transformer
Dunkirk 230/13 kV Transformer
Ninemile 345/23 kV Transformer
IP Corinth 115/13.8 kV Transformer
Batavia 115/13.8 kV Transformer
Hillburn 69/13.8 kV Transformer
North Catskill 69/13.8 kV Transformer
Sturgeon Pool 69/13.8 kV Transformer
Pearl River 69/13.8 kV Transformer
Rainey 345/13.8 kV Transformer
Inghams 115 kV PAR
Farragut 138/13.8 kV Transformer
Kensico 138/13.8 kV Transformer
Macedon 115/13.8 kV Transformer
Greenwood 138/13.8 kV Transformer

Central East Interface
PSE&G – Con Edison Wheel

Contingency Constraints:

Moses – Adirondack 230 kV for loss of Massena – Marcy 765 kV

Adirondack - Porter 230 kV for loss of Massena – Marcy 765 kV

Brown Falls – Taylorville 115 kV for loss of Massena – Marcy 765 kV

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

Dunwoodie – Rainey 345 kV for loss of Dunwoodie – Rainey 345 kV

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

Gardenville 230 kV bus tie for loss of Robinson Road – Stolle Road 230 kV

Lovett – Bowline 138 kV for loss of Ladentown – Bowline 345 kV

Huntley – Packard 230 kV for loss of Huntley – Packard 230 kV

Falconer – Warren 115 kV for loss of So. Ripley – Dunkirk 230 kV

Rainey 345/138 kV Transformer for loss of East 179th St – Hellgate 138 kV

Pleasantvalley – Leeds 345 kV for loss of Leeds – Athens 345 kV

Sta 128 – Sta 158 115 kV for multiple contingency:
Stolle Road – Meyer 230 kV
Meyer – Hillside 230 kV
Meyer 230/115 kV Transformer

Dunwoodie 138 kV PAR for multiple contingency:
Sprainbrook – Tremont 345 kV
Tremont 345/138 kV Transformer
Tremont 345/138 kV Transformer

Delhi – Jennison 115 kV for multiple contingency:
Oakdale – Fraser 345 kV
Oakdale 345 kV Shunt

South Batavia – Batavia 115 kV for stuck breaker contingency;
Niagara – Rochester 345 kV
Rochester 345/115 kV Transformer

Station 82 – Station 67 115 kV for stuck breaker contingency:
Rochester – Pannel 345 kV
Rochester 345/115 kV Transformer
Rochester 345 kV shunt

Sprainbrook – West 49th St. 345 kV for stuck breaker contingency:
Sprainbrook – West 49th St. 345 kV
Sprainbrook – Dunwoodie 138 kV

Astoria – Hellgate 138 kV for multiple contingency:
East 179th St – Hellgate 138 kV
Hellgate – Astoria 138 kV

Gowanus 345/138 kV Transformer for tower contingency:
Goethals – Fresh Kills 345 kV
Goethals – Fresh Kills 345 kV
Goethals – Linden 230 kV
Fresh Kills 345/138 kV Transformer

Freshkills 345/138 kV Transformer for tower contingency:
Goethals – Fresh Kills 345 kV
Goethals – Fresh Kills 345 kV
Goethals – Linden 230 kV
Fresh Kills 345/138 kV Transformer

Huntley – Sta 129 115 kV for tower contingency:

SUNY 77 – Gardenville 230 kV

SUNY 78 – Gardenville 230 kV

Pleasantville 345/13 kV Transformer for tower contingency:

East Fishkill – Pleasantville 345 kV

Pleasantville 345/13 kV Transformer

East Fishkill – Wood St 345 kV

Wood St – Pleasantville 345 kV

Wood St 345/115 kV Transformer

Corona 138 kV PAR for multiple contingency:

Corona – Jamaica 138 kV

Corona 138 kV PAR

Willow Brook - Foxhills 138 kV for multiple contingency:

Willow Brook – Fresh Kills 138 kV

Fox Hills – Willow Brook 138 kV

West Woodbourne 115/69 kV Transformer for multiple contingency:

Coopers Corners – Middletown Tap 345 kV

Rock Tavern – Middletown Tap 345 kV

Middletown Tap 345/138 kV Transformer