

Initial TCC Auction Spring 2003

Posted: March 7, 2003

One Year TCCs - Round 4

Binding Constraints

Normal Loading Constraints:

Rainey – Vernon 138 kV
Dunwoodie-Sherman Creek 138 kV
Tremont 345/138 kV Transformer
Hudson Ave. – Jamaica 138 kV
Gowanus – Greenwood 138kV
E 179th St. – Hell Gate 138 kV
Fresh Kills 138 kV PAR
Pearl River – Montvale 69 kV
Chateauguay – Massena 765 kV
Taylorville – Climax 115 kV
Warren – Falconer 115 kV
Kintigh 345/26 kV Transformer
Saugerties – Ashokan 69 kV
Station 29 3R – Russel E 34 kV
Pittsford B – S 42 B 34 kV
Freshkills 138/13 kV Transformer
Bowline 345/20 kV Transformer
Station 158 – Station 162 115 kV
Moses 230/13 kV Transformer
Greenidge 115/13 kV Transformer
Eastview – Kensico 138 kV
Hillside – Ridge Road 115 kV
Dunkirk 230/13 kV Transformer
Lovett 138/20 kV Transformer
Greenwood – Gowanus 138 kV
Bowline 345/20 kV Transformer

Central East Interface
PSE&G – Con Edison wheel
Moses South
South Ripley Withdrawal

Contingency Constraints:

Jennison – Delhi 115 kV for loss of Oakdale – Fraser 345 kV

Nine Mile 345/23 kV Transformer for loss of Oakdale – Fraser 345 kV

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

Corona – Jamaica 138 kV for loss of Sprainbrook – Tremont 345 kV

Dunwoodie 138 kV PAR for loss of Sprainbrook – Tremont 345 kV

Hinman – Lockport 115 kV for loss of Robinson Road – Stoller Road 230 kV

Farragut 345 kV Transformer for loss of Dunwoodie – Shore Road 345 kV

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

Gardenville A 230/115 kV Transformer for multiple contingency:

Gardenville A 230/115 kV Transformer

Gardenville A – Gardenville B 230 kV

Boulevard – Sturgeon Pool 69 kV for tower contingency:

Coopers Corners – Rock Tavern 345 kV

Coopers Corners – Shoemaker Tap 345 kV

Shoemaker Tap – Rock Tavern 345 kV

Shoemaker 345/138 kV Transformer

West Woodbourne 115/69 kV Transformer

Station 162 – S. Perry 115 kV for multiple contingency:

Meyer – Stolle Road 230 kV

Hillside – Meyer 230 kV

Meyer 230/115 kV Transformer

Farmington – Border City 115 kV for multiple contingency:

Meyer – Stolle Road 230 kV

Hillside – Meyer 230 kV

Meyer 230/115 kV Transformer

Colliers – Richfield Springs 115 kV for multiple contingency:

Marcy – New Scotland 345 kV

Gilboa – New Scotland 345 kV

Leeds – New Scotland 345 kV

New Scotland 345/115 kV Transformer

Watkins Road – Edic/Porter 115 kV

Inghams 115 kV PAR

Albany 115/13 kV Transformer for multiple contingency:
 Marcy – New Scotland 345 kV
 Gilboa – New Scotland 345 kV
 Leeds – New Scotland 345 kV
 New Scotland 345/115 kV Transformer
 Watkins Road – Edic/Porter 115 kV
 Inghams 115 kV PAR

Depew Tap – Walden 115 kV for multiple contingency:
 Erie South – South Ripley 230 kV
 Warren – Falconer 115 kV

Walden – Depew Tap 115 kV for tower contingency:
 Stolle Road – Meyer 230 kV
 Homer City – Stolle Road 345 kV

Huntley – Station 129 115 kV for tower contingency:
 Gardenville – SUNY 77 230 kV
 Gardenville – SUNY 78 230 kV

Gardenville – Station 139 B 115 kV for tower contingency:
 Dunkirk – Gardenville 230 kV
 Dunkirk – Gardenville 230 kV

North Troy – Hoosick 115 kV for multiple contingency:
 Sandbar Reactor
 Sandy Pond HVDC

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

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

Farragut 345/138 kV Transformer for multiple contingency:
 E 179th St. – Hellgate 138 kV
 Astoria – Hellgate 138 kV

Foxhills – Greenwood 138 kV for multiple contingency:
 Farragut – Gowanus 345 kV
 Goethals – Gowanus 345 kV
 Gowanus 345/138 kV Transformer
 Goethals Shunt

Rock Tavern – Roseton 345 kV for tower contingency:
 Buchanan – Ramapo 345 kV
 Buchanan – Ladentown 345 kV
 Buchanan 345/138 kV Transformer

Gowanus 138 kV PAR for tower contingency:
 Goethals – Freshkills 345 kV
 Goethals – Freshkills 345 kV
 Goethals – Linden 230 kV
 Freshkills 345/138 kV Transformer

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

Niagara – Mountain 115 kV for stuck breaker contingency:
 Niagara – Rochester 345 kV
 Rochester 345/115 kV Transformer

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

Sta 82 – Sta 67 115 kV for stuck breaker contingency:
 Pannell – Rochester 345 kV
 Rochester 345/115 kV Transformer
 Rochester 345 kV Shunt

Pleasantville 345/13 kV Transformer for tower contingency:
 E. Fishkill – Pleasantville 345 kV
 Pleasantville 345/13 kV Transformer
 Pleasantville Shunt
 E. Fishkill - Wood St. 345 kV
 Pleasantville – Wood St. 345 kV
 Wood St. 345/115 kV Transformer

Browns Falls – Taylorville 115 kV for multiple contingency:
 Marcy – Massena 765 kV
 Massena – Chateauguay 765 kV
 Hydro –Quebec Import

Brainardsville – Kentsfalls 115 kV for tower contingency:

Moses – Willis 230 kV

Moses – Willis 230 kV

Plattsburg – Willis 230 kV

Plattsburg – Willis 230 kV

Plattsburg 230/115 kV Transformer

Plattsburg 230/115 kV Transformer