

Initial TCC Auction Spring 2006

Posted: February 17, 2006

One Year Round #2

Binding Constraints

Normal Loading Constraints:

Dunwoodie - Rainey 345 kV
Hudson Ave. - Jamaica 138 kV
Fresh Kills - Willow Brook 138 kV
Gowanus - Greenwood 138 kV
Astoria - Hellgate 138 kV
Vernon - Greenwood 138 kV
Indian Point 3 345/22 kV Transformer
Vernon - Kent Ave. 138 kV
Buchanan 345/22 kV Transformer
Vernon 138/13.8 kV Transformer
Greenwood 138/13.8 kV Transformer
Farragut 345/138 kV Transformer
East 179th St. - Hellgate 138 kV
Fox Hills 138/13.8 kV Transformer
Bowline 345/20 kV Transformer
Queensbridge - Vernon 138 kV
Hellgate 138/13.8 kV Transformer
Pearl River 69/13.8 kV Transformer
Hellgate 138/13.8 kV Transformer
Buchanan 138/13.8 kV Transformer
Hillburn 69/13.8 kV Transformer
Greenwood 13/13.8 kV Transformer
IP Corinth 115/13.8 kV Transformer
Gowanus 13/13.8 kV Transformer
Inghams 115/13.8 kV Transformer
Greenwood 13/13.8 kV Transformer
Greenwood 13/13.8 kV Transformer
Greenwood 13/13.8 kV Transformer
Hoosick 115/13.8 kV Transformer
Ohioville 69/13.8 kV Transformer
High Falls 69/13.8 kV Transformer
JFK Airport 138/13.8 kV Transformer
Rainey 138/13.8 kV Transformer
Deerfield 115/13.8 kV Transformer
Mongaup 69/13.8 kV Transformer

West 49th St. 138/13.8 kV Transformer
Farragut 138/13.8 kV Transformer
South Ripley 230/13.8 kV Transformer
Hellgate 138/13.8 kV Transformer
Astoria 13/13.8 kV Transformer
Moses 115/13 kV Transformer
Astoria 13/13.8 kV Transformer
North Endicott 115/13 kV Transformer
Golah 115/13.8 kV Transformer
Farragut 138/13.8 kV Transformer
Gowanus 138/13.8 kV Transformer
Deerfield 115/13.8 kV Transformer
Rainey 138/13.8 kV Transformer
East Norwich 115/13.8 kV Transformer
Astoria 13/13.8 kV Transformer
Batavia 115/13.8 kV Transformer
Gardenville 115/13.8 kV Transformer
Hoosick 115/13.8 kV Transformer
Saugerties-Ashokan 69 kV
Macedon 115/13.8 kV Transformer
North Catskill 69/13.8 kV Transformer
Sandborn 115/13.8 kV Transformer
Dunkirk 13/13.8 kV Transformer
Hickling 13/13.8 kV Transformer
Astoria 138/13 kV Transformer
Gardenville 115/13.8 kV Transformer
Inghams 115/13.8 kV Transformer
Watkins Rd. 115/13.8 kV Transformer
Brainardsville 115/13.8 kV Transformer
Beebee - Station 29 3R 34 kV
Astoria 13/13.8 kV Transformer
Walden 69/13.8 kV Transformer
Kintigh 345/26 kV Transformer
Boonville 115/13.8 kV Transformer
Buchanan 13/13.8 kV Transformer
Inghams 115/13.8 kV Transformer
Adirondack 230/115 kV Transformer
Danskammer 115/13 kV Transformer
Oneida 115/13.8 kV Transformer
Jennison 13/13.8 kV Transformer
Mohansic 115/13 kV Transformer
Astoria 13/13.8 kV Transformer
Taylorville 115/13.8 kV Transformer
Inghams 115/13.8 kV Transformer
Hyatt 34/13.8 kV Transformer
Vernon 138/13.8 kV Transformer

Border City 115/13.8 kV Transformer
Buchanan 13/13.8 kV Transformer
Vernon 138/18 kV Transformer
Browns Falls 115/13.8 kV Transformer
Colton 115/13.8 kV Transformer
East Fishkill - Roseton 345 kV
East Ithaca 115/13.8 kV Transformer
Rainey 13/13.8 kV Transformer
Danskammer 115/13 kV Transformer
Astoria 13/13.8 kV Transformer
Eastview 138/13.8 kV Transformer
Stolle Road 115/13.8 kV Transformer
Buchanan 13/13.8 kV Transformer

PSE&G - Con Edison wheel
Central East Interface
Dysinger East Interface
IMO to NYISO 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

Ramapo - Sugarloaf 138 kV for loss of Rock Tavern - Middletown Tap 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

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

Honk Falls - Modena 69 kV for tower contingency:
Coopers Corners - Middletown Tap 345 kV
Rock Tavern - Coopers Corners 345 kV

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

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

New Scotland - GE Plastics 115 kV for tower contingency:
Coopers Corners - Marcy 345 kV
Coopers Corners - Fraser 345 kV

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

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