

Initial TCC Auction Summer 2005

Posted: August 24, 2005

September Reconfiguration

Binding Constraints

Normal Loading Constraints:

Gowanus - Greenwood 138 kV
Tremont 345/138 kV Transformer
Vernon - Kent Ave. 138 kV
Astoria 138/13.8 kV Transformer
Rainey 345/13.8 kV Transformer
Dunwoodie - Rainey 345 kV
Rainey 345/13.8 kV Transformer
Rainey 345/13.8 kV Transformer
Rainey 345/13.8 kV Transformer
Stolle Rd. 115/13.8 kV Transformer
Vernon 138/13.8 kV Transformer
Fox Hills 138/13.8 kV Transformer
Grumman 69/13.8 kV Transformer
High Falls 69/13.8 kV Transformer
West 49th St. 138/13.8 kV Transformer
East 179th St. - Hell Gate 138 kV
South Ripley 230/13.8 kV Transformer
East Walden 69/13.8 kV Transformer
Batavia 115/13.8 kV Transformer
Pearl River 69/13.8 kV Transformer
Rainey 345/13.8 kV Transformer
Goudey 115/13 kV Transformer
Vernon - Kent Ave. 138 kV
Northport 138/13.8 kV Transformer
Border City 115/13.8 kV Transformer
Mohican 115/13.8 kV Transformer
Gardenville - Rankine 115 kV
Danskammer 115/13 kV Transformer
South Perry 115/13.8 kV Transformer
Neversink 69/13.8 kV Transformer
Saranac 115/13.8 kV Transformer
Hillburn 69/13.8 kV Transformer
Tilden 115/13.8 kV Transformer
Long Lane 115/13.8 kV Transformer
Langdon 115/13.8 kV Transformer

Adirondack 115/13.8 kV Transformer
Rainey 345/13.8 kV Transformer
Rainey 345/13.8 kV Transformer
Beebee 13/13.8 kV Transformer
Glenwood 138/13.8 kV Transformer
Glenwood 138/13.8 kV Transformer
Farragut 138/13.8 kV Transformer
Kensico 138/13.8 kV Transformer
Farragut 138/13.8 kV Transformer

PSE&G - Con Edison wheel
Central East Interface

Contingency Constraints:

Astoria - Hell Gate 138 kV for loss of Shore Rd. - Dunwoodie 345 kV

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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

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

Geres Lock - Solvay 115 kV for loss of Pannell - Clay 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

Rainey 345/138 kV Transformer for loss of Rainey - Vernon 138 kV

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

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

Depew Tap - Walden 115 kV for tower contingency:

Huntley - Packard 230 kV

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Border City - Farmington 115 kV for stuck breaker contingency:

Pannell - Clay 345 kV

Clay - Edic/Porter 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

Fox Hills - Willow Brook 138 kV for multiple contingency:

Fresh Kills - Willow Brook 138 kV

Fox Hills - Willow Brook 138 kV