

2011 Long Range Plan Assumptions

<u>Study Year</u>	<u>Assumptions</u>
2011	<p>Con Edison Load (Coincident Peak) = 13,300 MW</p> <p>Refrigeration Cooling for Transmission Tie Feeders 45 and 46 to increase the summer normal ratings to 806 MVA and 841 MVA respectively</p> <p>345 kV Transmission tie Feeder M29 between Sprain Brook and Academy / Sherman Creek Transmission Stations with Summer normal rating of 527 MVA</p> <p>576 MW Generator (Astoria Energy 2) Connected at Feeders Q35L and Q35M</p>
2015	<p>Con Edison Load (Coincident Peak) = 14,060 MW</p> <p>Refrigeration Cooling for Transmission Tie Feeders 45 and 46 to increase the summer normal ratings to 806 MVA and 841 MVA respectively</p> <p>345 kV Transmission tie Feeder M29 between Sprain Brook and Academy / Sherman Creek Transmission Stations with Summer normal rating of 527 MVA</p> <p>HVDC Tie (HTP) connecting Ridgefield, NJ to the West 49th Street 345 kV Transmission Station, with capability of 660 MW, and 320 MW as firm contract</p> <p>576MW Generator (Astoria Energy 2) Connected at Feeders Q35L and Q35M</p> <p>500 MW Generator (Bayonne Energy Center) connected to Gowanus transmission station, reconfigured as 345 kV Ring Bus.</p> <p>Goethals transmission station Reconfigured as 345 kV Ring Bus</p>
2020	<p>Con Edison Load (Coincident Peak) = 15,138 MW</p> <p>Refrigeration Cooling for Transmission Tie Feeders 45 and 46 to increase the summer normal ratings to 806 MVA and 841 MVA respectively</p> <p>345 kV Transmission tie Feeder M29 between Sprain Brook and Academy / Sherman Creek Transmission Stations with Summer normal rating of 527 MVA</p> <p>HVDC Tie (HTP) connecting Ridgefield, NJ to the West 49th Street 345 kV Transmission Station, with capability of 660 MW, and 320 MW as firm contract</p> <p>576 MW Generator (Astoria Energy 2) Connected at Feeders Q35L and Q35M</p> <p>500 MW Generator (Bayonne Energy Center) connected to Gowanus transmission station, reconfigured as 345 kV Ring Bus.</p> <p>Goethals transmission station reconfigured as 345 kV Ring Bus</p>

Note: These assumptions supplement or replace the comparable assumptions in the FERC 715 Annual Transmission Planning and Evaluation Report filed by the NYISO in April, 2011.