

---

## **APPENDIX C**

### CHANGES SINCE THE PREVIOUS REVIEW

---

---



## Table of Tables

Table C.1 Changes in Bulk Power Transmission Facilities.....	1
Table C.2 Changes in Generation Facilities.....	2
Table C.3 NYCA Scheduled Transfers.....	4
Table C.4 Load and Capacity Schedule.....	4



Table C.1 Changes in Bulk Power Transmission Facilities

	Most recent Comprehensive ATR: 2005 Forecast for Summer 2010	2008 ATR: Forecast for Summer 2013	2009 ATR: Forecast for Summer 2014
<b>Bulk Transmission:</b>	<b>Status</b>	<b>Status</b>	<b>Status</b>
Controlable AC Transmission Linden VFT Line (Q#125)	N	Y	Y / In-Service
Spagnoli Rd 138 kV Substation	Y	N	N
Calpine Wawayanda 345 kV Substation	Y	Canceled	Canceled
Bowline 3 345 kV Cable	Y	Canceled	Canceled
Besicorp Empire State Newsprint 345 kV Substation	Y	Y	Y
PSEG Cross Hudson 345 kV Cable	Y	Canceled	Canceled
Atlantic Energy Neptune PJM-LI DC	Y	Y / In-Service	Y / In-Service
Liberty 230 kV Substation and 345 kV Goethals Substation Upgrade	Y	Canceled	Canceled
ConEd: Sherman Creek 345 kV Substation (M29)	Y	Y	Y
O&R 345/138 kV Lovett transformer	N	N	Y
Millwood Shunt Capacitor Banks (240 MVar)	N	Y	Y / In-Service

Table C.2 Changes in Generation Facilities

Generation Resources				
	Size	Most recent Comprehensive ATR: 2005 Forecast for Summer 2010	2008 ATR: Forecast for Summer 2013	2009 ATR: Forecast for Summer 2014
Installations		Included in Total Capacity	Included in Total Capacity	Included in Total Capacity
NYPA Poletti Project (Asotoria CC1 & CC2)	500	Y	Y / In-Service	Y / In-Service
ConEd East River Re-powering	288	Y	Y / In-Service	Y / In-Service
Entergy IP 2 Uprate	36	Y	Y / In-Service	Y / In-Service
Entergy IP 3 Uprate	38	Y	Y / In-Service	Y / In-Service
NYC Energy LLC (Kent Ave) GTs	79.9	Y	N	N
KeySpan Spagnoli Road CC Unit	250	Y	N	N
Calpine Wawayanda	500	Y	N / Withdrew	N / Withdrew
Reliant Re-powering Phases 1 & 2	1092	Y	N / Withdrew	N / Withdrew
Mirant Bowline Point 3	750	Y	N / Withdrew	N / Withdrew
SCS Astoria East Energy (Phase 1) CC Units	1000	Y	Y / In-Service	Y / In-Service
SCS Astoria East Energy (Phase 2) CC Units		Y	N, 500	Y, 500
Fortistar LMA Lockport II	79.9	Y	N	N / Withdrew
Besicorp Empire State Newsprint CC	660	N	Y	Y
Fortistar VP	79.9	Y	N	N / Withdrew
Fortistar VAN	79.9	Y	N	N / Withdrew
PSEG Cross Hudson Project	550		N	N / Withdrew
Calpine JFK Expansion	45	Y	N	N / Withdrew
AE Neptune PJM-LI DC Line	660	Y	Y / In-Service	Y / In-Service
Liberty Radial Interconnection to NYC	400	Y	N, Withdrew	N, Withdrew
NYPA Gilboa Uprate	200	N	Y	Y
Windfarm Prattsburgh Wind Park	75	Y	N	N
Noble Env. Power Chautauqua Winds	50	Y	N	N

Ecogen LLC Prattsburg Winds	79.5	Y	N	N
Constellation Ginna Uprate	95	Y	Y / In-Service	Y / In-Service
Caithness Long Island CC	310	N	Y	Y / In-Service
Wethersfield Windfield (Q177)	126	N	Y	Y / In-Service
Clinton II Windfield (Q211)	21	N	Y	Y / In-Service
Bliss II Windfield (Q212)	28.5	N	Y	Y / In-Service
Canandaigua II Wind (Q199)	42.5	N	Y	Y / In-Service
Ellenberg II Windfield (Q213)	21	N	Y	Y
Chateauguay Windpark (Q214)	106.5	N	Y	Y / In-Service
High Sheldon Windfarm (Q144)	129	N	Y	Y / In-Service

Retirements				
		Most recent Comprehensive ATR: 2005 Forecast for Summer 2010	2008 ITR: Forecast for Summer 2013	2009 ITR: Forecast for Summer 2014
Facility	Capacity (MW)	Included in Total Capacity	Included in Total Capacity	Included in Total Capacity
Onondaga Cogen	78	Y	N / Retired	N / Retired
Greenidge 3	54	Y	Y	N
Westover 7	43	Y	Y	N
Astoria 2, 3	536	N	Y	Y

Table C.3 NYCA Scheduled Transfers

Region		Transaction
From	To	
NYCA	NE	-245 MW
NYCA	HQ	-1200 MW
NYCA	PJM	-1763 MW
NYCA	IESO	0 MW
NYCA	Other	110 MW

Table C.4 Load and Capacity Schedule

	Comprehensive Review: 2005 Forecast for Summer 2010	Intermediate Review: 2008 Forecast for Summer 2013	Intermediate Review: 2009 Forecast for Summer 2014	Change
Peak Load (MW)	34,200	34,725	34,309	-416
Total Capacity (MW)	43,632	42,586	43,311	725
Reserve Margin	27.6%	22.4%	26.2	3.8%