

Proposed Projects for Inclusion in Study Base Cases - Load Flow

	In-service Dates	MW Capacity		Status	CRPS 2010	ATBA 2010	ATRA 2010	CATR 2010	CRPS-15 2015
		Summer	Winter (**)						
I. Generation									
A. Additions									
ConEd-East River Repowering	I/S	298		I/S	X	X	X	X	X
NYPA-Poletti Expansion	2006/01	500		UC	X	X	X	X	X
SCS Energy-Astoria Energy	2006/04	500		UC	X	X	X	X	X
PSEG-Bethlehem	2005/07	770	828	UC	X	X	X	X	X
Calpine-Bethpage 3	2005/05	79.9		UC	X	X	X	X	X
Pinelawn-Pinelawn Power 1	2005/05	79.9		UC	X	X	X	X	X
ANP-Brookhaven Energy Center	2009/Q2	560				X	X	X	
SCS Energy-Astoria Energy	2007/Q2	500				X	X	X	
NYC Energy-Kent Ave	2007/06	79.9				X	X	X	
LMA-Lockport II	2007/Q2	79.9				X	X	X	
Calpine-JFK Expansion	2006/06	45				X	X	X	
Reliant-Repowering Phases 1	2010/Q2	535.8	593.7				X	X	
Reliant-Repowering Phases 2	2011/Q3	535.8	593.7				X	X	
SEI-Bowline Point 3 (Mirant)	2008/Q2	750					X	X	
Bay Energy	2007/06	79.9					X	X	
Entergy-Indian Point 2 Uprate	I/S	1078		I/S	X	X	X	X	X
Entergy-Indian Point 3 Uprate	I/S	1080		I/S	X	X	X	X	X
Fortistar-VP	2007/Q2	79.9					X	X	
Fortistar-VAN	2007/Q2	79.9					X	X	
KeySpan-Spagnoli Rd CC	2008-09	250					X	X	
Chautauqua Windpower	2006/11	50					X	X	
Besicorp-Empire State Newsprint	2007/Q2	603	660				X	X	
Flat Rock Windpower	2005/12	198					X	X	
Flat Rock Windpower	2006/12	123.75					X	X	
Calpine-Wawayanda	2008/Q2	500					X	X	
Global Winds-Prattsburgh	2006/10	75					X	X	
ECOGEN-Prattsburgh Wind Farm	2006/07	79					X	X	
Constellation-Ginna Plant Uprate	2006/11	610					X	X	
PSEG Cross Hudson Project	2008	550					X	X	
Liberty Radial Interconnection to NYC	2007/05	400					X	X	
B. Retirements									
NYPA-Poletti 1	2008/02	885.3	885.7		X	X	X	X	X
RG&E-Russell	2007/12	238	245		X	X	X	X	X
ConEd-Waterside 6,8,9	2005/07	167.2	167.8		X	X	X	X	X
PSEG-Albany	2005/02	312.3	364.6		X	X	X	X	X
NRG-Huntley 63,64	2005/11	60.6	96.8		X	X	X	X	X
NRG-Huntley 65,66	2006/11	166.8	170		X	X	X	X	X
Mirant-Lovett 5	2007/06	188.5	189.7		X	X	X	X	X
Mirant-Lovett 3,4	2008/06	242.5	244		X	X	X	X	X
Astoria 2	2010/Q2	175.3	181.3				X	X	
Astoria 3	2011/Q3	361	372.4				X	X	
Hudson Ave. 10	2004/10	65			X	X	X	X	X
II. Transmission									
A. Additions									
			Miles						
PSEG-Bergen (new)-W. 49th St.345kV Cable	2008		7.50				X	X	
AE Neptune PJM -LI DC Line (600 MW)	2007		65.00	UC	X		X	X	X
LIPA-Duffy Convtrr Sta-Newbridge Rd. 345kV	2007/S		1.70	UC	X		X	X	X
LIPA-Newbridge Rd. 345kV-138kV (2-Xfms)	2007/S		N/A	UC	X		X	X	X
LIPA-E. Garden City-Newbridge Rd. 138kV	2007/S		4.00	UC	X		X	X	X
LIPA-Ruland Rd.-Newbridge Rd. 138kV	2007/S		9.10	UC	X		X	X	X
Rochester Transmission-Sta. 80 & various	2008/F		N/A	UC	X	X	X	X	X
Liberty Radial Interconnection to NYC-230kV	2007		0.62				X	X	
ConEd-Dunwoodie-Sherman Crk 138kV	2005/W		7.80		X	X	X	X	X
LIPA-Riverhead-Canal(new) 138kV Operation	2005/S		16.40	UC	X	X	X	X	X
LIPA-E. Garden City-Supr.Condr. Sub. 138kV	2006/S		0.38	UC	X	X	X	X	X
LIPA-Northprt-Norwalk Hrbr. 138kV Replcmnt(2)	2006/S		11.00	UC	X	X	X	X	X
ConEd-Mott Havn-Dunwoodie 345kV Rec.(2)	2007/S		9.99		X	X	X	X	X
ConEd-Mott Havn-Rainey 345kV Rec. (2)	2007/S		4.08		X	X	X	X	X
ConEd-Sherman Crk 345kV-138kV (2-Xfms)	2007/S		N/A			X	X	X	
ConEd-Sprin Brk-Sherman Crk 345kV	2007/S		10.00			X	X	X	
LIPA- Holtsville GT-Brentwood 138kV (2)	2007/S		12.40	UC	X	X	X	X	X
LIPA-Brentwood-Pilgram 138kV Operation	2007/S		4.60	UC	X	X	X	X	X
LIPA-Sterling-Off Shore Wind Farm 138kV	2008/S		8.00						
O&R-Ramapo-Tallman 138kV Rec.	2007/S		3.24		X	X	X	X	X
O&R-Tallman-Burns 138kV	2007/S		6.08		X	X	X	X	X
LIPA-Riverhead-Canal 138kV	2010/S		16.40			X	X	X	
CHG&E-Hurley Ave-Saugerties 115kV	2011/W		11.11						
CHG&E-Pleasant Valley-Knapps Corners 115kV	2011/W		17.70						
CHG&E-Saugerties-North Catskill 115kV	2012/W		12.25						
Besicorp-Reynolds Rd. 345kV	2007/S		9.00				X	X	
Spagnoli Rd.-Ruland Rd. 138kV	2008/S		1.00				X	X	

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CRPS: Comprehensive Reliability Planning Study
 ATBA: Annual Transmission Baseline Assessment
 ATRA: Annual Transmission Reliability Assessment
 CATR: Comprehensive Area Transmission Review

UC: Under construction
 I/S: In-Service

Notes

(**) If Winter ratings are not available, the NYISO will use the summer ratings by default.