

Draft April 21, 2010
All Renewable Generation Projects in the NYCA Footprint
 Considered for Inclusion in the 2011-2012 IRM Study

Group	Facility Name	Owner / Developer	Resource Type ¹	Incremental or New Nameplate Capacity (MW)	Contract Capacity (MW)	Contract Duration (years)	Requested an Extension	Zone	Connecting Transmission Owner	NYISO Interconnection Study Queue Project Number	NYISO Interconnection Study Queue Project Status ²	Projected/ Actual In-Service Date	Current Status	Wind Capacity Modeled for 2010 IRM ³ (MW)	New Wind Capacity for 2010 IRM ³ (MW)
Wind Generation as of March 1, 2009 and Not Part of RPS															
Not Part of the Renewable Portfolio Standard (RPS)															
	Madison	Horizon Wind	W	11.6	NA	NA	NA	E	NYSEG			2000 Sept	Operating	11.6	
	Wethersfield	Western New York Wind Corp	W	6.6	NA	NA	NA	B	RG&E			2000 Oct	Operating		
	Fenner	Canastota	W	30.0	NA	NA	NA	C	National Grid			2001 Dec	Operating		
	Steel Wind	Constellation Power	W	20.0	NA	NA	NA	A				2007 Jan	Operating	20.0	
	Munnsville	Coral Power	W	34.5	NA	NA	NA	E	NYSEG			2007 Aug	Operating	34.5	
	High Sheldon Wind Farm	Sheldon Energy, LLC.	W	112.5	NA	NA	NA	C	NYSEG	144	12/14	2009 Feb	Operating	112.5	112.5
	Non-RPS Total			215.2										178.6	112.5
NYSDERDA Renewable Portfolio Standard (RPS) Projects															
1st Main Tier Solicitation - 2005⁴															
	Spier Falls	Erie Boulevard Hydropower, LP	H	0.8	0.8	10	na	F	National Grid				Operating		
	Higley Falls	Erie Boulevard Hydropower, LP	H		1.9	1	na	E	National Grid				1-year contract		
	Browns Falls	Erie Boulevard Hydropower, LP	H		0.4	1	na	E	National Grid				1-year contract		
	Maple Ridge 1 & 2 (aka Flat Rock)	Flat Rock Wind Power, LLC	W	321.0	231.0	10	na	E	National Grid	171	14	2006 Feb	Operating	321.0	
	Bear Creek	Wind Park Bear Creek, LLC	W	22.0	22.0	4	na	Penn				2006 Feb	Operating	22.0	22.0
	1st Main Tier Subtotal			343.8	256.1									343.0	22.0
2nd Main Tier Solicitation - 2006⁵															
	Niagara Generating Facility	Shell Energy North America, LP	B	26.0	26.0	10	Yes	A				2008 May	Converted to Biomass		
	Allens Falls	Erie Boulevard Hydropower, LP	H	0.3	0.3	10	No	D	National Grid	NA	NA		Operating		
	Browns Falls	Erie Boulevard Hydropower, LP	H		0.4	10	No	E	National Grid	NA	NA		Operating		
	Colton	Erie Boulevard Hydropower, LP	H	0.7	0.7	10	No	E	National Grid	NA	NA		Operating		
	Eagle	Erie Boulevard Hydropower, LP	H	0.5	0.5	10	No	E	National Grid	NA	NA		Operating		
	East Norfolk	Erie Boulevard Hydropower, LP	H	0.9	0.9	10	No	E	National Grid	NA	NA		Operating		
	Higley Falls	Erie Boulevard Hydropower, LP	H		1.9	10	No	E	National Grid	NA	NA		Operating		
	Norfolk	Erie Boulevard Hydropower, LP	H	1.5	1.5	10	No	E	National Grid	NA	NA		Operating		
	Nonwood	Erie Boulevard Hydropower, LP	H	0.5	0.5	10	Yes	E	National Grid	NA	NA	2008 May	Operating		
	Oswego Falls	Erie Boulevard Hydropower, LP	H	0.6	0.6	10	Yes	C	National Grid	NA	NA	2008 Jul	Operating		
	Raymondville	Erie Boulevard Hydropower, LP	H	0.7	0.7	10	Yes	E	National Grid	NA	NA	2008 Jun	Operating		
	Canandaigua I ⁶	Canandaigua Power Partners, LLC	W	82.5	8.3	10	Yes	C	NYSEG	135	14	2008 Jun	Operating	82.5	
	Canandaigua II ⁶	Canandaigua Power Partners, LLC	W	42.5	4.3	10	Yes	C	NYSEG	199	14	2008 Jun	Operating	42.5	
	Altona Windpark	Noble Altona Windpark, LLC	W	99.0	96.9	10	Yes	D	NYPA	174	14	2008 Sept	Operating	99.0	
	Bliss Windpark	Noble Bliss Windpark, LLC	W	100.5	95.5	10	Yes	A	Village of Arcade	173	14	2008 May	Operating	100.5	
	Chateaugay Windpark I	Noble Chateaugay Windpark, LLC	W	106.5	101.2	10	Yes	D	NYPA	214	14	2008 Sept	Operating	106.5	
	Belmont/Ellenburg II ⁷	Noble Environmental Power LLC	W	21.0	20.0	10	Yes	D	NYPA	213	10	2009 Dec	Operating	21.0	
	Clinton Windpark I & II	Noble Clinton Windpark, LLC	W	100.5	95.5	10	Yes	D	NYPA	172 & 211	14	2008 May	Operating	100.5	
	Ellenburg Windpark	Noble Ellenburg Windpark, LLC	W	81.0	77.0	10	Yes	D	NYPA	175	14	2008 May	Operating	81.0	
	Windfarm Prattsburgh	Windfarm Prattsburgh, LLC	W	55.5	5.6	10	Yes	C	NYSEG	113	11	2008 Nov	>> Canceled <<		
	2nd Main Tier Subtotal			720.7	538.0									633.5	0.0
3rd Main Tier Solicitation - 2007⁸															
	Greenidge	AES Eastern Energy, LP	B	4.0	3.8	3		C							
	Piercefield Hydro	Erie Boulevard Hydropower, LP	H	0.1	0.1	10		D	National Grid	NA	NA		Operating		
	Effley Hydro	Erie Boulevard Hydropower, LP	H	0.3	0.3	10		E	National Grid	NA	NA		Operating		
	Sherman Island	Erie Boulevard Hydropower, LP	H	4.7	4.5	10		F	National Grid	NA	NA		Operating		
	High Falls	Erie Boulevard Hydropower, LP	H	14.7	14.0	10		E	National Grid	NA	NA		Operating		
	Noble Allegany Windpark	Noble Environmental Power LLC	W	100.5	95.5	10		A	Village of Arcade	178	9	2009 Dec	>> Canceled <<		0.0
	Noble Chateaugay Windpark II	Noble Chateaugay Windpark, LLC	W	19.5	18.5	10		D	NYSEG	241	5	2009 Oct	>> Canceled <<		0.0
	Prattsburgh Wind Park	Windfarm Prattsburgh, LLC	W		16.2	10		C	NYSEG	113	11		>> Canceled <<		
	Canandaigua I ^{6,9}	Canandaigua Power Partners, LLC	W		26.3	10		C	NYSEG	199	14	2008 Oct	Operating		
	Canandaigua II ^{6,9}	Canandaigua Power Partners, LLC	W		11.3	10		C	NYSEG	135	14	2008 Oct	Operating		
	Wethersfield Wind Power	Noble Wethersfield Windpark, LLC	W	126.0	119.7	10		C	NYSEG	177	14	2008 Dec	Operating	126.0	126.0
	3rd Main Tier Subtotal			269.8	310.2									126.0	126.0
4th Main Tier Solicitation - 2009¹⁰															
	Onondaga Renewable	Onondaga Renewables, LLC	B	41.8	39.7	10		C	National Grid	315	5	2011 Mar			
	School Street Hydro	Erie Boulevard Hydropower, LP	H	5.2	4.9	10		F	National Grid	NA	NA				
	Stewarts Bridge Hydro	Erie Boulevard Hydropower, LP	H	2.9	2.7	10		F	National Grid	NA	NA				
	Hardscrabble	Iberdrola Renewables, Inc.	W	74.0	43.7	10		C	NYSEG	?	?	?			
	4th Main Tier Subtotal			123.9	91.0									0.0	0.0
5th Main Tier Solicitation - 2010¹¹															
	NRG Dunkirk	NRG Energy, Inc.	B	15.0	11.0	10		A	National Grid	NA	NA				

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	Albany Energy LLC	Foristar Methane Group, LLC.	B	1.0	1.0	10		F	National Grid	NA	NA				
	Black River Biomass	Catalyst Renewables, LLC.	B	41.9	40.0	10		E	?	?	?				
	Taylorville Hydro Project	Brookfield Renewable Power	H	0.1	0.1	10		E	National Grid	NA	NA				
	Wappingers Falls Hydroelectric	Wappingers Falls Hydroelectric LLC	H	0.1	0.1	10		G	Central Hudson	NA	NA				
	Hardscrabble Wind Energy Project	Iberdrola Renewables, Inc	W		26.6	10		C	NYSEG	?	?	?			
	Marble River Wind Farm	Horizon Wind Energy	W	171.0	162.0	10		D	NYPA	161 & 171	10	2010 Oct			
	Steel Winds II	First Wind	W	15.0	14.0	10		A	National Grid	234	10	2010 Nov			
	5th Main Tier Subtotal			244.2	254.9									0.0	0.0
NYSERDA Total for RPS				1,458.2	1,195.3									1,102.5	148.0
Renewable Energy Projects within Transmission Owner (TO) Service Areas															
Long Island Power Authority (LIPA)															
	Upton Solar Farms	BP Solar	S	36.9	na	na	na	K	LIPA	330	2	2010 June			
	Long Island Cable Project	Long Island Cable, LLC	W	940.0	na	na	na	K	LIPA	291 & 292	3	2014 & 2015			
	Offshore Wind Project Phase 1	Con Edison/LIPA	W	700.0	na	na	na	K	LIPA	327	1	2015			
	Offshore Wind Project Phase 2	Con Edison/LIPA	W	700.0	na	na	na	K	LIPA	327	1	2020			
	LIPA Subtotal			2,376.9	0.0									0.0	0.0
New York Power Authority (NYPA)															
	Marble River Wind Farm	Marble River, LLC	W	84.0	na	na	na	D	NYPA	161	10	2011 Oct	Not yet broken ground		
	Marble River II Wind Farm	Marble River, LLC	W	134.0	na	na	na	D	NYPA	171	10	2011 Oct	Not yet broken ground		
	Jericho Rise Wind Farm	Jericho Rise Wind Farm, LLC	W	79.2	na	na	na	E	NYPA	160	9	2012 Oct			
	Hounsfield Wind	Wind Development Contract Co LLC	W	268.8	na	na	na	E	NYPA	270	6	2012 Dec			
	NYPA Subtotal			566.0	0.0									0.0	0.0
National Grid															
	Steel Winds II	Steel Winds, LLC	W	45.0	na			A	National Grid	234	7	May-2010	I/S by end of 2009	45.0	45.0
	National Grid Subtotal			45.0	0.0									45.0	45.0
New York State Electric and Gas (NYSEG) / Rochester Gas & Electric (RGE)															
	Nothing to report at this time.														
	NYSEG-RGE Subtotal			0.0	0.0									0.0	0.0
TO Service Area Totals					2,987.9	0.0								45.0	45.0
TOTAL CAPACITY - ALL CATEGORIES					4,661.3	1,195.3								1,326.1	305.5

- Notes:**
- 1 Renewable Resource Types; B = Biomass, H = Hydro, S = Solar, W = Wind
 - 2 NYISO Study Queue Project Status Key: 1 = Scoping Meeting Pending, 2 = FES Pending, 3 = FES in Progress, 4 = SRIS / SIS Pending, 5 = SRIS / SIS in Progress, 6 = SRIS/SIS Approved, 7 = FS Pending, 8 = Rejected Cost Allocation / Next FS Pending; 9 = FS in Progress, 10 = Accepted Cost Allocation / IA in Progress, 11 = IA Completed, 12 = Under Construction, 13 = In Service for Test, 14 = In Service / Commercial, 0 = Withdrawn
 - 3 Assume all wind projects with RPS contracts are online for the forecast year.
 - 4 The first main tier solicitation contracts did not include an option for an extension. Units were required to be online by January 1, 2006 except for the Bear Creek who was required to be online in February 2006.
 - 5 The second main tier solicitation contracts were expected to be online by January 1, 2008 unless the developer asked for an extension by December 1, 2007 in which case the project would be required to be online by November 1, 2008.
 - 6 Canandaigua I sometimes referred to as Cohocton Wind Farm. Canandaigua II sometimes referred to as Dutch Hill Wind Farm.
 - 7 Noble Belmont/Ellenberg II requested additional time to construct this project. The request was granted and additional security was required.
 - 8 The third main tier solicitation contracts are expected to be on-line by January 1, 2009 unless the developer asks for an extension by December 5, 2008 in which case the project would be required to be on-line by November 30, 2009.
 - 9 RPS projects capacity accounted for under previous solicitation.
 - 10 The fourth main tier solicitation contracts are expected to be on-line by July 1, 2011 (intermittent projects) and July 1, 2012 (biomass project) unless the developer asks for an extension by June 6, 2011 and January 3, 2012 in which case the project would be required to be on-line by January 1, 2012/2013, respectively.
 - 11 The fifth main tier solicitation contracts are expected to be on-line by January 1, 2012 unless the developer asks for an extension by December 1, 2011 in which case the project would be required to be on-line by January 1, 2013.