30-Jun-14

Renewable Generation Projects

Considered for Inclusion in the 2015-2016 IRM Study

Group	Facility Name	Owner / Developer	Resource Type[1]	Incremental or New Nameplate Capacity (MW)	Contract Capacity (MW)	CRIS Capacity (MW)	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	Total Renewable Capacity Modeled for 2015 IRM (MW)	New Wind Capacity for 2015 IRM (MW)	New Non-Wind Capacity for 2014 IRM (MW)
Currently Operating Wind Generation as of January 1, 2010 and Not Part of RPS																
Not Part of the Renewable Portfolio Standard (RPS)																
	Madison	Horizon Wind	W	11.6	NA	11.5	NA	E	NYSEG			2000 Sept	Operating	11.6		
	Western Weather Wind Park	Western New York Wind Corp	W	6.6	NA	6.6	NA	B	RG&E			2000 Oct	Operating			
	Fenner	Canastota	W	30.0	NA	30	NA	C	National Grid			2001 Dec	Operating			
	Steel Wind	Constellation Power	W	20.0	NA	20	NA	A	National Grid			2007 Jan	Operating	20.0		
	Munnsville	Coral Power	W	34.5	NA	34.5	NA	E	NYSEG			2007 Aug	Operating	34.5		
	High Sheldon Wind Farm[12]	Sheldon Energy, LLC.	W	112.5	NA	112.5	NA	C	NYSEG	144	12/14	2009 Feb	Operating	112.5		
	Non-RPS Total			**215.2**										**178.6**	**0.0**	**0.0**
NYSERDA Renewable Portfolio Standard (RPS) Projects																
1st Main Tier Solicitation - 2005[3]																
	Spier Falls	Erie Boulevard Hydropower, LP	H	0.8	0.8		na	F	National Grid				Operating			
	Higley Falls	Erie Boulevard Hydropower, LP	H		1.9		na	E	National Grid				1-year contract			
	Browns Falls	Erie Boulevard Hydropower, LP	H		0.4		na	E	National Grid				1-year contract			
	Maple Ridge 1 & 2 (aka Flat Rock)	Flat Rock Wind Power, LLC	W	322.0	231.0	321.7	na	E	National Grid	171	14	2006 Feb	Operating	322.0		
	Bear Creek	Wind Park Bear Creek, LLC	W	22.0	22.0		na	Penn				2006 Feb	Operating	22.0		
	1st Main Tier Subtotal			**344.8**	**256.1**									**344.0**	**0.0**	**0.0**
2nd Main Tier Solicitation - 2006[4]																
	Niagara Generating Facility	Shell Energy North America, LP	B	59.0	26.0		Yes	A				2008 May	Converted to Biomass			
	Allens Falls	Erie Boulevard Hydropower, LP	H	0.3	0.3		No	D	National Grid	NA	NA		Operating			
	Browns Falls	Erie Boulevard Hydropower, LP	H		0.4		No	E	National Grid	NA	NA		Operating			
	Colton	Erie Boulevard Hydropower, LP	H	0.7	0.7		No	E	National Grid	NA	NA		Operating			
	Eagle	Erie Boulevard Hydropower, LP	H	0.5	0.5		No	E	National Grid	NA	NA		Operating			
	East Norfolk	Erie Boulevard Hydropower, LP	H	0.9	0.9		No	E	National Grid	NA	NA		Operating			
	Higley Falls	Erie Boulevard Hydropower, LP	H		1.9		No	E	National Grid	NA	NA		Operating			
	Norfolk	Erie Boulevard Hydropower, LP	H	1.5	1.5		No	E	National Grid	NA	NA		Operating			
	Norwood	Erie Boulevard Hydropower, LP	H	0.5	0.5		Yes	E	National Grid	NA	NA	2008 May	Operating			
	Oswego Falls	Erie Boulevard Hydropower, LP	H	0.6	0.6		Yes	C	National Grid	NA	NA	2008 Jul	Operating			
	Raymondville	Erie Boulevard Hydropower, LP	H	0.7	0.7		Yes	E	National Grid	NA	NA	2008 Jun	Operating			
	Canandaigua I[5]	Canandaigua Power Partners, LLC	W	82.5	8.3	125	Yes	C	NYSEG	135	14	2008 Jun	Operating	82.5		
	Canandaigua II[5]	Canandaigua Power Partners, LLC	W	42.5	4.3		Yes	C	NYSEG	199	14	2008 Jun	Operating	42.5		
	Altona Windpark	Noble Altona Windpark, LLC	W	97.5	96.9		Yes	D	NYPA	174	14	2008 Sept	Operating	97.5		
	Bliss Windpark	Noble Bliss Windpark, LLC	W	100.5	95.5	100.5	Yes	A	Village of Arcade	173	14	2008 May	Operating	100.5		
	Chateaugay Windpark I	Noble Chateaugay Windpark, LLC	W	106.5	101.2	106.5	Yes	D	NYPA	214	14	2008 Sept	Operating	106.5		
	Belmont/Ellenburg II[6,14]	Noble Environmental Power LLC	W				Yes	D	NYPA	213	10	2011 Dec	>> Cancelled <<			
	Clinton Windpark I & II	Noble Clinton Windpark, LLC	W	100.5	95.5	100.5	Yes	D	NYPA	172 & 211	14	2008 May	Operating	100.5		
	Ellenburg Windpark	Noble Ellenburg Windpark, LLC	W	81.0	77.0	81	Yes	D	NYPA	175	14	2008 May	Operating	81.0		
	Windfarm Prattsburgh	Windfarm Prattsburgh, LLC	W				Yes	C	NYSEG	113	11	2008 Nov	>> Cancelled <<			
	2nd Main Tier Subtotal			**675.7**	**512.5**									**611.0**	**0.0**	**0.0**
3rd Main Tier Solicitation - 2007[7]																
	Greenidge	AES Eastern Energy, LP	B					C					>> Mothballed <<			
	Piercefield Hydro	Erie Boulevard Hydropower, LP	H	0.1	0.1			D	National Grid	NA	NA		Operating			
	Effley Hydro	Erie Boulevard Hydropower, LP	H	0.3	0.3			E	National Grid	NA	NA		Operating			
	Sherman Island	Erie Boulevard Hydropower, LP	H	4.7	4.5			F	National Grid	NA	NA		Operating			
	High Falls	Erie Boulevard Hydropower, LP	H	14.7	14.0			E	National Grid	NA	NA		Operating			
	Noble Allegany Windpark	Noble Environmental Power LLC	W					A	Village of Arcade	178	9	2009 Dec	>> Cancelled <<			
	Noble Chateaugay Windpark II	Noble Chateaugay Windpark, LLC	W					D	NYSEG	241	5	2009 Oct	>> Cancelled <<			
	Prattsburgh Wind Park	Windfarm Prattsburgh, LLC	W					C	NYSEG	113	11		>> Cancelled <<			
	Canandaigua I[5,8]	Canandaigua Power Partners, LLC	W		26.3	See 2nd Tier		C	NYSEG	199	14	2008 Oct	Operating			
	Canandaigua II[5,8]	Canandaigua Power Partners, LLC	W		11.3			C	NYSEG	135	14	2008 Oct	Operating			
	Wethersfield Wind Power	Noble Wethersfield Windpark, LLC	W	126.0	119.7	TBD		C	NYSEG	177	14	2008 Dec	Operating	126.0		
	3rd Main Tier Subtotal			**145.8**	**176.2**									**126.0**	**0.0**	**0.0**
4th Main Tier Solicitation - 2009[9]																
	Onondaga Renewable	Onondaga Renewables, LLC	B					C	National Grid	315	5	2012	>> Cancelled <<			
	School Street Hydro	Erie Boulevard Hydropower, LP	H	5.2	4.9			F	National Grid	NA	NA					
	Stewarts Bridge Hydro	Erie Boulevard Hydropower, LP	H	2.9	2.7			F	National Grid	NA	NA					
	Fairfield (Hardscrabble) Wind Proje	Iberdola	W	74.0	43.7	TBD		C	NYSEG	156	11	2011 Jan	Operating	74.0		
	4th Main Tier Subtotal			**82.1**	**51.3**									**74.0**	**0.0**	**0.0**
5th Main Tier Solicitation - 2010[10]																
	Black River Biomass/Fort Drum	Catalyst Renewables, LLC.	B					E	National Grid	NA	NA		>> Cancelled <<			
	NRG Dunkirk	NRG Energy, Inc.	B					A	National Grid	NA	NA		>> Cancelled <<			
	Machanicville Hydroelectric	Albany Engineering Corp	H	4.5	4.5	TBD		F	NYSEG	?	?		Operating			
	Stuyvesant Falls Hydroelectric	Albany Engineering Corp	H	6.0	5.7	TBD		G	?	?	?		Operating			
	Taylorville Hydro Project	Brookfield Renewable Power	H	0.1	0.1			E	National Grid	NA	NA		Operating			
	Wappingers Falls Hydroelectric	Wappingers Falls Hydroelectric LLC	H	0.1	0.1			G	Central Hudson	NA	NA		Operating			
	Albany Energy LLC	Foristar Methane Group, LLC.	LFG	1.0	1.0			F	National Grid	NA	NA		Operating			
	Fairfield (Hardscrabble) Wind Proje	Iberdola	W		26.6	See 4th Tier		C	NYSEG	156	14	2011 Jan	Operating			
	Marble River Wind Farm	Horizon Wind Energy	W	215.2	162.0	TBD		D	NYPA	161 & 171	11	2012 Oct	Operating	215.2		
	Steel Winds II	First Wind	W	15.0	14.0	0		A	National Grid	234	14	2012 Feb	Operating	15.0		
	5th Main Tier Subtotal			**242.0**	**214.1**									**230.2**	**0.0**	**0.0**
6th Main Tier Solicitation - 2011[11]																
	Bergen Falls	RCM International LLC	ADG	0.9	0.7					NA	NA	2011 Jul	>> Cancelled <<			
	Windsor Acres	RCM International LLC	ADG	0.9	0.4					NA	NA	2011 Jul	>> Cancelled <<			
	Black Brook	Oakvale Construction Co., Ltd.	H	0.6	0.6					NA	NA	2012 Aug				
	Stewarts Bridge Facility	Brookfield Energy Marketing, LP	H	3.0	2.5			F	National Grid	355	5	2012 Aug				
	Wave Hydro	Wave Hydro, LLC	H							NA	NA	2012 Aug	>> Cancelled <<			
	Wiscoy Hydro	Bell Independent Power Corp.	H	1.1	1.1					NA	NA	2012 Aug	>> Cancelled <<			
	Albany 2	Foristar	LFG	6.4	3.2			F	National Grid	342	10	2012 Aug				
	Chautauqua	Chautauqua County	LFG	6.4	2.1			A	National Grid	353	10	2011 Jul	Operating			
	DANC	Innovaitve Energy Systems	LFG	6.4	4.0					NA	NA	2011 Jul				
	Hyland	Casella Waste Systems, Inc.	LFG	4.8	2.2					NA	NA	2011 Jul				
	Modern	Innovative Energy Systems	LFG	6.4	3.0			A	National Grid	239A	8	2011 Jul	Operating			
	Ontario	Innovative Energy Systems	LFG	6.4	3.0			C	NYSEG	250	11	2011 Jul	Operating			
	Seneca	Innovative Energy Systems	LFG	6.4	6.0	0		C	NYSEG	231	10	2012 Oct				
	Allegany Wind Farm[13]	EverPower Wind Holdings, inc.	W					A	National Grid	237	9	2012 Aug	>> Cancelled <<			
	Howard Wind Farm[13]	EverPower Wind Holdings, inc.	W	57.4	46.1			C	NYSEG	182	11	2012 Aug	Operating	57.4		
	Marble River Wind Farm	Horizon Wind Energy, LLC	W		42.8	See 5th Tier		D	NYPA	161	11	2012 Oct				
	Stony Creek Wind Farm[14]	Invenergy, LLC	W	94.4	89.7			C	NYSEG	263	10	2013 Dec		94.4		
	6th Main Tier Subtotal			**201.5**	**207.3**									**151.8**	**0.0**	**0.0**
7th Main Tier Solicitation - 2012[14]																
	Black River Facility	ReEnergy	B	60.0	41.1					???		2013 Jun		60.0		
	Mill St Dam Hydro	City of Auburn	H	0.6	0.2							2013 Sept				
	Clinton County Landfill	Casella Waste Systems, Inc.	LFG	6.4	6.4							2012 May	Operating			
	Community Refuse Landfill	PPL EnergyPlus, LLC	LFG	6.4	6.4							2012 Mar	Operating			
	Oneida-Herkimer Renewable Energ	WM Renewable Energy, LLC	LFG	1.6	1.6							2013 Jan	>> Cancelled <<			
	Howard (New) Wind Farm	EverPower Wind Holdings, inc.	W	4.1	4.1			C	NYSEG	???		2013 Jan	Operating			
	Locust Ridge Wind Farm, LLC	PPL EnergyPlus, LLC in PA	W	26.0	26.0							2012 Mar	Operating in PA			
	7th Main Tier Subtotal			**105.1**	**85.8**									**60.0**	**0.0**	**0.0**
8th Main Tier Solicitation - 2013[15]																
	Buffalo BioEnergy		ADG	1.3	1.0				NYSEG							
	Niagara BioEnergy		ADG	0.9	0.6				National Grid							
	Various Fuel Cells		Fuel Cell	3.0	3.0											
	Rio Hydroelectric Bypass Flow Unit	Eagle Creek Hydro Power, LLC	Hydro	0.8	0.8			E	O&R	375	10	2013 Oct				
	Black Oak Wind Farm	Black Oak Wind Farm, LLC	Wind	12.6	12.0			C	NYSEG	398	7	2015 Nov				
	Green Power Energy	Cody Road Wind Farm, LLC	Wind	10.0	9.5			C	National Grid	180A	12	2015 Jul				
	Marsh Hill Energy	Marsh Hill Wind Farm, LLC	Wind	16.2	16.9			C	NYSEG	378	11	2014 Oct				
	8th Main Tier Subtotal			**44.8**	**43.8**									**0.0**	**0.0**	**0.0**
NYSERDA Total for RPS				**1,841.8**	**1,547.1**									**1,597.0**	**0.0**	**0.0**
Potential Renewable Energy Projects within Transmission Owner (TO) Service Areas																
Long Island Power Authority (LIPA)																
	Upton Solar Farms	BP Solar	S	32.0	32.0	14.9		K	LIPA	330	12	2011 Nov	Complete	32.0		
	LIPA Subtotal			**32.0**	**32.0**									**32.0**	**0.0**	**0.0**
New York Power Authority (NYPA)																
	Jericho Rise Wind	EDP Renewables North America	W	79.9				D	NYPA	270	5	2015 Nov				
	Hounsfield Wind	Wind Development Contract Co., LLC	W	244.8				E	NYPA	397	6	2015 Dec				
	NYPA Subtotal			**324.7**	**0.0**									**0.0**	**0.0**	**0.0**
Central Hudson Gas and Electric																
		No Projects Listed on NYISO Queue														
	Central Hudson Subtotal			**0.0**	**0.0**									**0.0**	**0.0**	**0.0**
National Grid																
	Dry Lots Wind	Dry Lots Wind, LLC	W	33				E	National Grid	372	6	2014 Nov				
	Crown City Wind Farm	Air Energie TCI, Inc.	W	90				C	National Grid	276	6	2014 Dec				
	Allegany Wind	Allegany Wind, LLC	W	72.5				A	National Grid	237	11	2015 Nov				
	Arkwright Summit	EDP Renewables North America	W	78				A	National Grid	421	4	2015 Nov				
	Roaring Brook Wind	PPM Roaring Brook, LLC/PPM	W	78				E	National Grid	197	11	2015 Dec				
	Cassadaga Wind	Cassadaga Wind, LLC	W	126				A	National Grid	387	5	2015 Dec				
	National Grid Subtotal			**477.5**	**0.0**									**0.0**	**0.0**	**0.0**
New York State Electric and Gas (NYSEG) / Rochester Gas & Electric (RGE)																
	South Mountain Wind	South Mountan Wind, LLC	W	18.0				E	NYSEG	371	9	2014 Dec				
	Watkins Glen Wind	NextEra Energy Resources, LLc	W	122.4				C	NYSEG	360	6	2015 Jul				
	Franklin Wind	Franklin Wind Farm, LLC	W	50.4				E	NYSEG	347	6	2015 Dec				
	NYSEG-RGE Subtotal			**50.4**	**0.0**									**0.0**	**0.0**	**0.0**
TO Service Area Totals				**884.6**	**32.0**									**32.0**	**0.0**	**0.0**
TOTAL CAPACITY - ALL CATEGORIES				**2,941.5**	**1,579.1**									**1,807.6**	**0.0**	**0.0**

Notes:

1 Renewable Resource Types; **B** = Biomass, **H** = Hydro, **S** = Solar; **W** = Wind; **LFG**= Methane; **ADG**=Anaerobic Digester Gas

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 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.

4 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.

5 Canandaigua I sometimes referred to as Cohocton Wind Farm. Canandaigua II sometimes referred to as Dutch Hill Wind Farm.

6 Noble Belmont/Ellenberg II requested additional time to construct this project. The request was granted and additional security was required.

7 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.

8 RPS projects capacity accounted for under previous solicitation.

9 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.

10 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.

11 The sixth main tier solicitation contracts are expected to be on-line by August 1, 2012 unless the developer asks for an extension by July 1, 2012 in which case the project would be required to be on-line by January 1, 2013.

12 High Sheldon Wind Farm has been awarded an RPS contract under the 5th Main Tier Solicitation and is elegible to receive payment after June 1, 2012.

13 Project has an IA, but has moved forward to the construction phase. National Grid reports that its unlikely to be in-service summer 2013.

14 The seventh main tier solicitation contracts are expected to be on-line by December 31, 2012 unless the developer asks for an extension by October 17, 2012 in which case the project would be required to be on-line by September 30, 2013.

15 The eighth main tier solicitation contracts are expected to be on-line by May 1, 2014 unless the developer asks for an extension by April 1, 2014 in which case the project would be required to be on-line by December 31, 2014.