

**THIS FILING LETTER DOES NOT CONTAIN ANY PRIVILEGED OR CONFIDENTIAL INFORMATION. THE BODIES OF THE REPORTS ALONG WITH THE REDACTED VERSIONS OF THE DEMAND RESPONSE PROGRAMS REPORT TABLES 2 AND 4 (MARKED PUBLIC) DO NOT CONTAIN ANY PRIVILEGED OR CONFIDENTIAL INFORMATION. ATTACHMENT A TO THE DEMAND RESPONSE PROGRAMS REPORT INCLUDES UNREDACTED TABLES WHICH CONTAIN PRIVILEGED AND CONFIDENTIAL INFORMATION, AND ARE SUBMITTED SEPARATELY.**

June 3, 2013

**VIA ELECTRONIC FILING**

Kimberly D. Bose  
Secretary  
Federal Energy Regulatory Commission  
888 First Street, N.E.  
Washington, D.C. 20426

Subject: Semi-Annual Reports on Demand Response Programs and New Generation Projects; Docket Nos. ER01-3001-000 and ER03-647-000.

Dear Ms. Bose:

Enclosed for filing in the above-referenced dockets are the New York Independent System Operator's ("NYISO's") Semi-Annual Reports to the Federal Energy Regulatory Commission ("Commission") on the NYISO's Demand Side Management programs and new generation projects in the New York Control Area. This filing is made for informational purposes only in accordance with the Commission's delegated orders issued February 19, 2010 and February 23, 2010 in these dockets.

**I. List of Documents Submitted**

1. This filing letter;
2. NYISO Semi-Annual Compliance Report on New Generation Projects, June 1, 2013 (Attachment I)

3. NYISO Semi-Annual Compliance Report on Demand Response Programs, June 1, 2013 – public, redacted (Attachment II)
4. Attachment A to the NYISO Semi-Annual Compliance Report on Demand Response Programs, June 1, 2013 – CONFIDENTIAL (Attachment III).

## **II. Request for Confidential Treatment of Attachment A to the NYISO Semi-Annual Compliance Report on Demand Response Programs**

The attached Semi-Annual Compliance Report on Demand Response Programs (“Demand Response Report”) summarizes the current status of demand response participation in the NYISO’s markets as of June 1, 2013. The Demand Response Report includes redactions of confidential, commercially sensitive information in Tables 2 and 4. The redactions are submitted separately as Attachment III to this filing, titled Attachment A to the NYISO Semi-Annual Compliance Report on Demand Response, which contains the unredacted versions of Tables 2 and 4 as well as the entirety of Tables 5 and 6.

In accordance with Sections 388.107 and 388.112 of the Commission’s Regulations,<sup>1</sup> Article 6 of the NYISO’s Market Administration and Control Area Services Tariff, Sections 1.0(4) and 4.0 of the NYISO’s Code of Conduct, the NYISO requests Privileged and Confidential treatment of the contents of Attachment III. The NYISO also requests that the Confidential Attachment be exempted from public disclosure under the Freedom of Information Act (“FOIA”), 5 U.S.C. §522.<sup>2</sup>

The Confidential Attachment contains commercially sensitive, trade secret information that is not made public by the NYISO. Disclosure of such information could cause competitive harm to the affected Market Participants,<sup>3</sup> and could adversely affect competition in the markets administered by the NYISO. This information includes the number of demand response resources in a load zone that, when aggregated, are not greater than five (5). The confidential attachment also contains information on NYISO’s Demand Side Ancillary Service Program (“DSASP”), as total enrollment in the entire program is less than five (5) resources as well. With such a small number of resources in the load zone or program, the NYISO’s aggregation of the data reported for that load zone or program may not sufficiently mask confidential and commercially sensitive Market Participant information. Further, because this confidential, commercially sensitive information is exempt from disclosure under 5 U.S.C. §522(b)(4), the NYISO requests that the contents of Attachment III receive Privileged and Confidential treatment and be exempt from FOIA disclosure. Attachment III is identified and marked in accordance with the

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<sup>1</sup> 18 C.F.R. §§ 388.107 and 388.112 (2011).

<sup>2</sup> The information provided by the NYISO for which the NYISO claims an exemption from FOIA disclosure is labeled “Contains Privileged Information – Do Not Release.”

<sup>3</sup> Terms with initial capitalization not defined herein have the meaning set forth in the NYISO’s Market Administration and Control Area Services Tariff.

Commission's regulations and rules published by the Secretary's Office for submitting privileged information.<sup>4</sup>

### **III. Correspondence**

Copies of correspondence concerning this filing should be addressed to

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\*person designated to receive service

Respectfully Submitted

/s/ Kristin A. Bluvas

Kristin A. Bluvas

Counsel,

New York Independent System Operator, Inc.

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<sup>4</sup> Federal Energy Regulatory Commission Submission Guidelines, July 1, 2010, page 2.

## **CERTIFICATE OF SERVICE**

I hereby certify that I have this day served the foregoing document upon each person designated on the official service list compiled by the Secretary in this proceeding in accordance with the requirements of Rule 2010 of the Rules of Practice and Procedure, 18 C.F.R. §385.2010.

Dated at Rensselaer, NY this 3<sup>rd</sup> day of June, 2013.

/s/ Joy A. Zimmerlin

Joy A. Zimmerlin  
New York Independent System Operator, Inc.  
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## Attachment I

# NYISO Semi-Annual Compliance Report on New Generation Projects

## **NYISO Report on New Generation Projects**

In its October 23, 2006 order, the Commission ordered the NYISO to submit “a list of investments in new generation projects in New York (including a description and current status of each such project), regardless of the stage of project development at the time of the filing.”<sup>1</sup> The NYISO keeps a list of Interconnection Requests and Transmission Projects for the New York Control Area that includes information about all generation projects in the State that have requested interconnection.

The NYISO interconnection process is described in two attachments of the NYISO OATT: Attachment X entitled, “Standard Large Facility Interconnection Procedures,” and Attachment Z entitled, “Small Generator Interconnection Procedures.” Attachment X applies to Generating Facilities that exceed 20 MW in size and to Merchant Transmission Facilities, collectively referred to as “Large Facilities.” Attachment Z applies to Generating Facilities no larger than 20 MW.

Under Attachment X, Developers of Large Facilities must submit an Interconnection Request to the NYISO. The NYISO assigns a Queue Position to all valid Interconnection Requests. Under Attachment X, proposed generation and merchant transmission projects undergo up to three studies: the Feasibility Study, the System Reliability Impact Study, and the Class Year Interconnection Facilities Study. The Class Year Interconnection Facilities Study is performed on a Class Year basis for a group of eligible projects pursuant to the requirements of Attachment S of the NYISO OATT. Under Attachment Z, proposed small generators undergo a process that is similar, but with different paths and options that are dependent on the specific circumstances of the project.

Proposed generation and transmission projects currently in the NYISO interconnection process are listed on the list of Interconnection Requests and Transmission Projects for the New York Control Area (“NYISO Interconnection Queue”). The generation projects on that list are shown in Attachment A, which is dated April 30, 2013. The NYISO updates the NYISO Interconnection Queue on at least a monthly basis and posts the most recent list on the NYISO’s public web site at

<[http://www.nyiso.com/public/markets\\_operations/services/planning/documents/index.jsp](http://www.nyiso.com/public/markets_operations/services/planning/documents/index.jsp)>, underneath the “Interconnection Studies” section.

The status of each project on the NYISO Interconnection Queue is shown in the column labeled “S.” An explanation of this column is provided in Attachment B. Also, note that the proposed In-Service Date for each project is the date provided to the NYISO by the respective Owner/Developer, is updated only on a periodic basis, and is subject to change.

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<sup>1</sup> *New York Indep. Sys. Operator, Inc.*, 117 FERC ¶ 61,086, at P 14 (2006).

New Generation Report  
Attachment A

Interconnection Requests and  
Transmission Projects

**Interconnection Requests and Transmission Projects**

Queue Pos.	Owner/Developer	Project Name	Date of IR	SP (MW)	WP (MW)	Type/ Fuel	Location County/State	Z	Interconnection Point	Utility	S	Last Update	Availability of Studies	FS Complete/ SGIA Tender	Proposed In-Service	Proposed COD
119	ECOGEN, LLC	Prattsburgh Wind Farm	5/20/02	78.2		W	Yates, NY	C	Eelpt Rd-Flat St. 115kV	NYSEG	10	3/31/13	SRIS, FS	6/6/06	2013/12	2013/12
127A	Airtricity Munnsville Wind Farm, LLC	Munnsville	10/9/02	6		W	Madison, NY	E	46kV line	NYSEG	11	3/31/13	SRIS, FS	7/12/07	2013/12	2013/12
154	KeySpan Energy for LIPA	Holtsville-Brentwood-Pilgrim	8/19/04	N/A		AC	Suffolk, NY	K	Holtsville & Pilgrim 138kV	LIPA	5	4/30/13	None		2017	
166	Cape Vincent Wind Power, LLC	St. Lawrence Wind Farm	2/8/05	75.9	75.9	W	Jefferson, NY	E	Rockledge Substation 115kV	NM-NG	10	3/31/13	SRIS, FS	6/15/09	2014/12	2014/12
180A	Green Power	Cody Rd	3/17/05	10	10	W	Madison, NY	C	Fenner - Cortland 115kV	NM-NG	11	3/31/13	None	8/30/09	2013/Q4	2013/Q4
189	Atlantic Wind, LLC	Horse Creek Wind	4/8/05	126	126	W	Jefferson, NY	E	Coffeen St-Thousand Island 115kV	NM-NG	9	3/31/13	FES, SRIS		2014/10	2014/12
197	PPM Roaring Brook, LLC / PPM	Roaring Brook Wind	7/1/05	78	78	W	Lewis, NY	E	Boonville-Lowville 115kV	NM-NG	11	3/31/13	FES, SRIS, FS	2/1/10	2015/10	2015/12
198	New Grange Wind Farm, LLC	Arkwright Summit Wind Farr	7/21/05	79.8	79.8	W	Chautauqua, NY	A	Dunkirk-Falconer 115kV	NM-NG	9	3/31/13	FES, SRIS		2014/12	2014/12
201	NRG Energy	Berrians GT	8/17/05	200	200	CC-NG	Queens, NY	J	Astoria West Substation 138kV	CONED	9	3/31/13	FES, SRIS		2014/03	2014/06
206	Hudson Transmission Partners	Hudson Transmission	12/14/05	660	660	DC/AC	NY, NY - Bergen, NJ	J	West 49th Street 345kV	CONED	12	3/31/13	FES, SRIS, FS	2/1/10	2013/05	2013/05
207	Cape Vincent Wind Power, LLC	Cape Vincent	1/12/06	209.3	209.3	W	Jefferson, NY	E	Rockledge Substation 115kV	NM-NG	10	3/31/13	FES, SRIS, FS	2/1/10	2014/12	2014/12
222	Ball Hill Windpark, LLC	Ball Hill Windpark	7/21/06	90	90	W	Chautauqua, NY	A	Dunkirk-Gardenville 230kV	NM-NG	10	3/31/13	FES, SRIS, FS	11/30/11	2014/Q1	2014/Q1
224	NRG Energy, Inc.	Berrians GT II	8/23/06	50	90	CC-NG	Queens, NY	J	Astoria West Substation 138kV	CONED	9	3/31/13	FES, SRIS		2014/03	2014/06
227A	Laidlaw Energy Group Inc.	Laidlaw Energy & Env.	10/30/06	7	7	Wo	Cattaraugus, NY	A	13.2kV	NM-NG	7	10/28/09	None		N/A	
237	Allegany Wind, LLC	Allegany Wind	1/9/07	72.5	72.5	W	Cattaraugus, NY	A	Homer Hill – Dugan Rd. 115kV	NM-NG	11	3/31/13	FES, SRIS, FS	11/30/11	2014/09	2014/09
251	CPV Valley, LLC	CPV Valley Energy Center	7/5/07	677.6	690.6	CC-NG	Orange, NY	G	Coopers – Rock Tavern 345kV	NYPA	9	3/31/13	FES/SRIS		2015/12	2016/05
263	Stony Creek Wind Farm, LLC	Stony Creek Wind Farm	10/12/07	94.4	94.4	W	Wyoming, NY	C	Stolle Rd - Meyer 230kV	NYSEG	12	3/31/13	FES, SRIS, FS	11/30/11	2013/09	2013/11
264	RG&E	Seth Green	10/23/07	2.8	2.8	H	Monroe, NY	B	11kV	RG&E	9	3/31/13	None		2013/Q1	2013/Q1
266	NRG Energy, Inc.	Berrians GT III	11/28/07	250	290	CC-NG	Queens, NY	J	Astoria 345kV	NYPA	9	3/31/13	FES, SRIS		2016/03	2016/06
270	Wind Development Contract Co LLC	Hounsfield Wind	12/13/07	244.8	244.8	W	Jefferson, NY	E	Fitzpatrick - Edic 345kV	NYPA	6	3/31/13	FES, SRIS		2015/12	2015/12
284	Broome Energy Resources, LLC	Nanticoke Landfill	3/6/08	1.6	1.6	M	Broome, NY	C	Nanticoke Landfill Plant 34.5kV	NYSEG	12	3/31/13	None	6/15/12	2013/02	2013/06
290A	Green Island Power Authority	Green Island Power	4/7/08	20	20	L	Albany, NY	F	Maplewood - Johnson Rd 115kV	NM-NG	6	11/30/11	SIS		2012/Q4	
294	Orange & Rockland	Ramapo-Sugarloaf	4/29/08	N/A	N/A	AC	Orange/Rockland, NY	G	Ramapo - Sugarloaf 138kV	O&R	6	3/31/13	SIS		2014/Q2	
305	Transmission Developers Inc.	Champlain Hudson Power Express	7/18/08	1000	1000	DC	Quebec - NY, NY	J	Astoria Substation 345kV	NYPA	9	3/31/13	FES, SRIS		2016/Q3	2017/Q1
310	Cricket Valley Energy Center, LLC	Cricket Valley Energy Center	9/22/08	1019.9	1136	CC-NG	Dutchess, NY	G	Pleasant Valley - Long Mt. 345kV	ConEd	9	3/31/13	FES, SRIS		2016/07	2016/07
322	Rolling Upland Wind Farm, LLC	Rolling Upland Wind	1/13/09	59.9	59.9	W	Madison, NY	E	County Line - Brothertown 115kV	NYSEG	9	3/31/13	FES, SRIS		2015/07	2015/10
326	NYSEG/RG&E	Rochester SVC/PST Trans.	3/9/09	N/A	N/A	AC	Monroe, NY	B	Station 124 115kV	NYSEG	6	3/31/13	SIS		2014/Q2	
331	National Grid	Northeast NY Reinforcement	4/22/09	N/A	N/A	AC	Saratoga, NY	F	NGrid 230kV	NM-NG	12	10/31/11	SIS		2010-2019	
333	National Grid	Western NY Reinforcement	5/5/09	N/A	N/A	AC	Cattaraugus, NY	A	NGrid 115kV	NM-NG	5	4/30/13	None		2015/Q2	
338	RG&E	Brown's Race II	8/11/09	8.3	8.3	H	Monroe, NY	B	Station 137 11kV	RG&E	9	3/31/13	None		2013/Q1	2013/Q1
339	RG&E	Transmission Reinforcement	8/17/09	N/A	N/A	AC	Monroe, NY	B	Niagara - Kintigh 345kV	RG&E	6	3/31/13	SIS		2016/12	
347	Franklin Wind Farm, LLC	Franklin Wind	12/2/09	50.4	50.4	W	Delaware, NY	E	Oakdale - Delhi 115kV	NYSEG	5	3/31/13	FES		2015/12	2015/12
349	Taylor Biomass Energy, LLC	Taylor Biomass	12/30/09	19	22.5	SW	Montgomery, NY	G	Maybrook - Rock Tavern	CHGE	9	3/31/13	SRIS		2013/12	2013/12
354	Atlantic Wind, LLC	North Ridge Wind	5/13/10	100	100	W	St. Lawrence, NY	E	Nicholville - Parishville 115kV	NM-NG	6	3/31/13	FES, SRIS		2014/12	2014/12
355	Brookfield Renewable Power	Stewarts Bridge Hydro	8/3/10	3	3	H	Saratoga, NY	F	Spier Falls - EJ West	NM-NG	9, 11	4/30/13	SRIS		2012/12	2013/05
358	West Point Partners, LLC	West Point Transmission	9/13/10	1000	1000	DC	Greene, Westchester, NY	F, H	Leeds - Buchanan North 345kV	NM-NG/ConEd	5	4/30/13	FES		2017/07	2017/07
360	NextEra Energy Resources, LLC	Watkins Glen Wind	12/22/10	122.4	122.4	W	Schuyler, NY	C	Bath - Montour Falls 115 kV	NYSEG	5	3/31/13	FES		2015/07	2015/07
361	US PowerGen Co.	Luyster Creek Energy	2/15/11	401	444	CC-D	Queens, NY	J	Astoria West Substation 138kV	CONED	5	3/31/13	FES		2015/06	2015/06
362	Monticello Hills Wind, LLC	Monticello Hills Wind	3/7/11	18	18	W	Otsego, NY	E	W. Winfield - Richfield Spring 46kV	NYSEG	10	3/31/13	None		2014/12	2014/12
363	Poseidon Transmission, LLC	Poseidon Transmission	4/27/11	500	500	DC	Suffolk, NY	K	Werner - Ruland Rd. 230kV	LIPA	4	3/31/13	FES		2016/04	2016/05
367	Orange & Rockland	North Rockland Transformer	9/14/11	TBD	TBD	AC	Rockland, NY	G	Line Y94 345kV	ConEd	6	10/31/12	SIS		2016/06	
368	Consolidated Edison Co. of NY	Feeder 76 Ramapo to Rock Tavern	10/13/11	TBD	TBD	AC	Orange, Rockland, NY	G	Ramapo to Rock Tavern 345 kV	ConEd/CenHud	6	12/31/12	SIS		2016/08	
369	Clover Leaf Power, LLC	Clover Leaf Hollers Ave	10/24/11	173.9	192.8	CT	Bronx, NY	J	E 179th St. Substation 138kV	ConEd	3	3/31/13	None		2016/12	2016/12



# Interconnection Requests and Transmission Projects

Page 2 of 2

Queue Pos.	Owner/Developer	Project Name	Date of IR	SP (MW)	WP (MW)	Type/ Fuel	Location County/State	Z	Interconnection Point	Utility	S	Last Update	Availability of Studies	FS Complete/ SGIA Tender	Proposed In-Service	Proposed COD
370	Smokey Avenue Wind, LLC	Smokey Avenue Wind	10/28/11	18	18	W	Otsego, NY	F	Worcester - Schenectus 23kV	NM-NG	7	3/31/13	None		2013/12	2013/12
371	South Mountain Wind, LLC	South Mountain Wind	10/31/11	18	18	W	Delaware, NY	E	River Rd Substation 46kV	NYSEG	9	3/31/13	None		2014/12	2014/12
372	Dry Lots Wind, LLC	Dry Lots Wind	10/31/11	33	33	W	Herkimer, NY	E	Schuyler - Whitesboro 46kV	NM-NG	5	3/31/13	FES		2014/11	2014/11
373	New York Power Authority	Coopers Corners Shunt Reactor	12/21/11	N/A	N/A	AC	Sullivan, NY	E	Coopers Corners 345 kV	NYSEG	6	12/31/12	SIS		2014	
374	CPV Valley, LLC	CPV Valley II	2/21/12	820	820	CC-D	Wawayanda, NY	G	Rock Tavern to Coopers Corners	NYPA	5	3/31/13	None		2017/05	2017/05
375	Eagle Creek Hydro, LLC	Eagle Creek Hydro	3/6/12	0.8	0.8	H	Sullivan, NY	E	Rio 69kV Switchyard	O&R	10	3/31/13	None	3/6/13	2013/10	2013/10
377	Monroe County	Monroe County Mill Seat	3/16/12	3.2	3.2	M	Monroe, NY	B	Sanford Rd. 34.5kV	NM-NG	7	3/31/13	None		2013/Q4	2013/Q4
378	Invenery NY LLC	Marsh Hill Wind	3/29/12	16.2	16.2	W	Steuben, NY	C	Jasper - Marshall Warriner 34.5kV	NYSEG	7	4/30/13	None		2014/07	2014/07
379	Seneca Energy II, LLC	Seneca II Expansion	4/24/12	6.4	6.4	M	Seneca, NY	C	Seneca - Waterloo 34.5kV	NYSEG	9	3/31/13	None		2013/07	2013/07
380	New York Power Authority	Marcy South Reinforcement	5/14/12	N/A	N/A	AC	Oneida-Sullivan, NY	E	Marcy/Edic-Coopers Corners 345kV	NYSEG	5	2/28/13	None		2017	
382	Astoria Generating Co.	South Pier Improvement	5/30/12	88	190	CT-NG	Kings, NY	J	Gowanus Substation 138kV	ConEd	5	3/31/13	None		2015/07	2015/07
383	GenOn Energy, Inc.	Bowline Gen. Station Unit #3	5/30/12	775	775	CC-NG	Rockland, NY	G	Ladentown Substation 345kV	O&R/ConEd	5	3/31/13	None		2016/01	2016/06
384	National Grid	Knickerbocker Pleasant Valley	6/15/12	TBD	TBD	AC	Columbia-Dutchess, NY	F, G	Knickerbocker - P. Valley 345kV	NM-NG/ConEd	5	2/28/13	None		2018	
385	National Grid	Hudson Valley Reinforcemer	6/15/12	TBD	TBD	AC	Alb.-Col.-Dutch., NY	F, G	N. Scotland-Leeds-P. Valley 345kV	NM-NG/ConEd	5	2/28/13	None		2018	
386	Gil Development LLC	Grand Isle Intertie	6/28/12	400	400	AC	Clinton, NY - VT	D	Plattsburgh - Essex, VT 230kV	NYPA	3	3/31/13	None		2017/01	2017/06
387	Cassadaga Wind, LLC	Cassadaga Wind	7/19/12	162	162	W	Chautauqua, NY	A	Dunkirk - Moon Station 115 kV	NM-NG	3	3/31/13	None		2015/10	2015/12
390	Trail Co.	Farmers Valley Substation	9/14/12	TBD	TBD	AC	Cattaraugus, NY - PA	A	Homer City - Stolle Rd. 345kV	NM-NG/NYSEG	4	12/31/12	None		2016/06	
391	North America Transmission, LLC	Edic - Fraser #2	9/21/12	TBD	TBD	AC	Oneida-Delaware, N	E	Edic - Fraser 345kV	NM-NG/NYSEG	3	3/31/13	None		2017/11	2017/11
392	Exelon Corporation	Scriba-Volney	10/5/12	TBD	TBD	AC	Oswego, NY	C	Scriba - Volney 345kV	NM-NG/NYSEG	5	2/28/13	None		2015/03	
393	NRG Energy, Inc.	Berrians East Repower	10/16/12	500	580	CC-D	Queens , NY	J	Astoria East Substation 138kV	CONED	3	3/31/13	None		2018/06	2018/06
394	Trail Co.	Mainesburg Substation	10/16/12	TBD	TBD	AC	Chemung, NY - PA	C	Homer City - Watercure 345kV	NYSEG	4	2/28/13	None		2015/06	
395	Copenhagen Wind Farm, LLC	Copenhagen Wind	11/12/12	79.9	79.9	W	Lewis, NY	E	East Watertown 115kV	NM-NG	3	3/31/13	None		2014/10	2017/12
396	Baron Winds, LLC	Baron Winds	11/30/12	300	300	W	Steuben, NY	C	Hillside - Meyer 230kV	NYSEG	3	3/31/13	None		2015/10	2015/12
396A	New York State Electric & Gas	Wood Street Transformer	12/14/12	TBD	TBD	AC	Putnum, NY	G	Wood St. 345/115kV	NYSEG	4	3/31/13	None		2017/12	
397	EDP Renewables North America	Jericho Rise Wind	12/21/12	79.9	79.9	W	Franklin, NY	D	Willis Substation 115kV	NYPA	4	3/31/13	None		2015/11	2015/11
398	Black Oak Wind Farm, LLC	Black Oak Wind	1/10/13	12.6	12.6	W	Thompkins, NY	C	Montour - Coddington 115kV	NYSEG	5	4/30/13	None		2014/08	2014/08
399	American Electric Power	Mohawk Valley HVDC	2/27/13	1000	1000	DC	Oneida-Bronx, NY	E, J	Marcy - Mott Haven 345kV	NYPA/ConEd	2	4/30/13	None		2018/12	2018/12
400	East Coast Power LLC	Linden Cogen Uprate	3/4/13	208	204	CT-NG	Linden, NJ-NY,NY	J	Linden Cogen 345kV	ConEd	2	4/30/13	None		2016/Q2	2016/Q2
401	Caithness Long Island II, LLC	Caithness Long Island II	3/22/13	751.8	815.1	CC-D	Suffolk, NY	K	Sills Road Substation 138kV	LIPA	1	4/30/13	None		2016/04	2016/05

Number of new projects during April	0
Number of new projects year to date	4
Number withdrawn during April	3
Number withdrawn year to date	6

NOTES:

- The column labeled 'SP' refers to the maximum summer megawatt electrical output. The column labeled 'WP' refers to the maximum winter megawatt electrical output.
- Type / Fuel. Key: ST=Steam Turbine, CT=Combustion Turbine, CC=Combined Cycle, CS= Steam Turbine & Combustion Turbine, H=Hydro, PS=Pumped Storage, W=Wind, NU=Nuclear, NG=Natural Gas, M=Methane, SW=Solid Waste, S=Solar, Wo=Wood, F=Flywheel ES=Energy Storage, O=Oil, C=Coal, D=Dual Fuel, AC=AC Transmission, DC=DC Transmission, L=Load
- The column labeled 'Z' refers to the zone
- The column labeled 'S' refers to the status of the project in the NYISO's LFIP. 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
- Availability of Studies Key: None=Not Available, FES=Feasibility Study Available, SRIS=System Reliability Impact Study Available, FS=Facilities Study and/or ATRA Available
- FS Complete/SGIA Tender refers to the Attachment X milestone used to apply the 4-year COD limitation.
- Proposed in-service dates and Commerical Operation Dates (COD) are shown in format Year/Qualifier, where Qualifier may indicate the month, season, or quarter.

# New Generation Report Attachment B

## New Generation Report – Attachment B

1=	Scoping Meeting Pending	Interconnection Request has been received, but scoping meeting has not yet occurred
2=	FESA Pending	Awaiting execution of Feasibility Study Agreement
3=	FES in Progress	Feasibility Study is in Progress
4=	SRIS Pending	Awaiting execution of SRIS Agreement and/or OC approval of SRIS scope
5=	SRIS in Progress	
6=	SRIS Approved	SRIS Approved by NYISO Operating Committee
7=	FS Pending	Awaiting execution of Facilities Study Agreement
8=	Rejected Cost Allocation/ Next FS Pending--	Project was in prior Class Year, but rejected cost allocation—Awaiting execution of Facilities Study Agreement for next Class Year or the start of the next Class Year
9=	FS in Progress	Class Year Facilities Study or Small Generator Facilities Study is in Progress
10=	Accepted Cost Allocation/ IA in Progress	Interconnection Agreement is being negotiated
11=	IA Completed	Interconnection Agreement is executed and/or filed with FERC
12=	Under Construction	Project is under construction
13=	In Service for Test	
14=	In Service Commercial	

## Attachment II

# NYISO Semi-Annual Compliance Report on Demand Response Programs

New York Independent System Operator, Inc.  
Docket No. ER01-3001-000

Semi-Annual Compliance Report on Demand Response Programs  
June 1, 2013

This report summarizes the status of demand response participation in the New York Independent System Operator's (NYISO's) markets as of June 1, 2013. As in previous years, this report focuses on enrolled demand response participation in preparation for the Summer Capability Period.<sup>1</sup> A discussion of the status of several demand response initiatives that the NYISO has underway is also provided below.

Deployments of the NYISO's two reliability-based programs (the Emergency Demand Response Program (EDRP) and the Installed Capacity Special Case Resources (ICAP/SCR)) during the Summer 2012 Capability Period were reported in the NYISO's 2012 Demand Response Annual Report.<sup>2</sup>

The NYISO has two economic programs, the Day-Ahead Demand Response Program (DADRP) and the Demand-Side Ancillary Services Program (DSASP). DADRP offer activity has waned over the past several years and a limited number of resources are enrolled. With the March 2013 deployment of modifications to the NYISO's Demand Response Information System (DRIS) to permit aggregations of small Demand Side Resources in the DSASP, interest and activity in the DSASP has increased and there are a limited number of resources working toward implementation of their communication infrastructure and completion of the market pre-qualification process.

## **Demand Response Enrollment**

This report presents statistical data on demand response enrollment. Demand response resources include individual retail electricity consumers that enroll to perform their own load

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<sup>1</sup> Capitalized terms not defined herein shall bear the meanings assigned by the NYISO's Market Administration and Control Area Services Tariff.

<sup>2</sup> Docket No. ER01-3001-000, NYISO 2012 Demand Response Annual Report (filed January 15, 2013), and Supplement and Errata to Annual Report (filed February 22, 2013) (collectively, the January 2013 Report).

reductions and curtailment service providers, which is a general term used to identify the NYISO Customers that represent end-use customers in the NYISO's demand response programs.<sup>3</sup>

Table 1 identifies the number of curtailment service providers by the following organizational categories:

- Aggregators, entities which enroll retail electricity consumers as individual resources that may be aggregated for treatment as a single resource;
- Direct Customers, entities which register as a Market Participant with the NYISO to participate on their own behalf in any of the NYISO's markets, including the NYISO's demand response programs;
- LSEs, entities which provide commodity service to retail customers; and
- Transmission Owners (TO), the investor- and public authority-owned transmission and distribution companies that are NYISO Customers located in New York State.

**Table 1. Demand Response Service Providers by Provider Type**

<b>Provider Type</b>	<b>Count as of June 2013</b>	<b>Change from June 2012 Report</b>
<b>Aggregator</b>	16	-9
<b>Direct Customer</b>	8	-2
<b>LSE</b>	3	-4
<b>Transmission Owner</b>	4	-1
<b>Total</b>	31	-16

Since the June 2012 Report<sup>4</sup>, the NYISO's demand response programs have experienced a net decrease of 16 curtailment service providers. The decrease in curtailment service providers

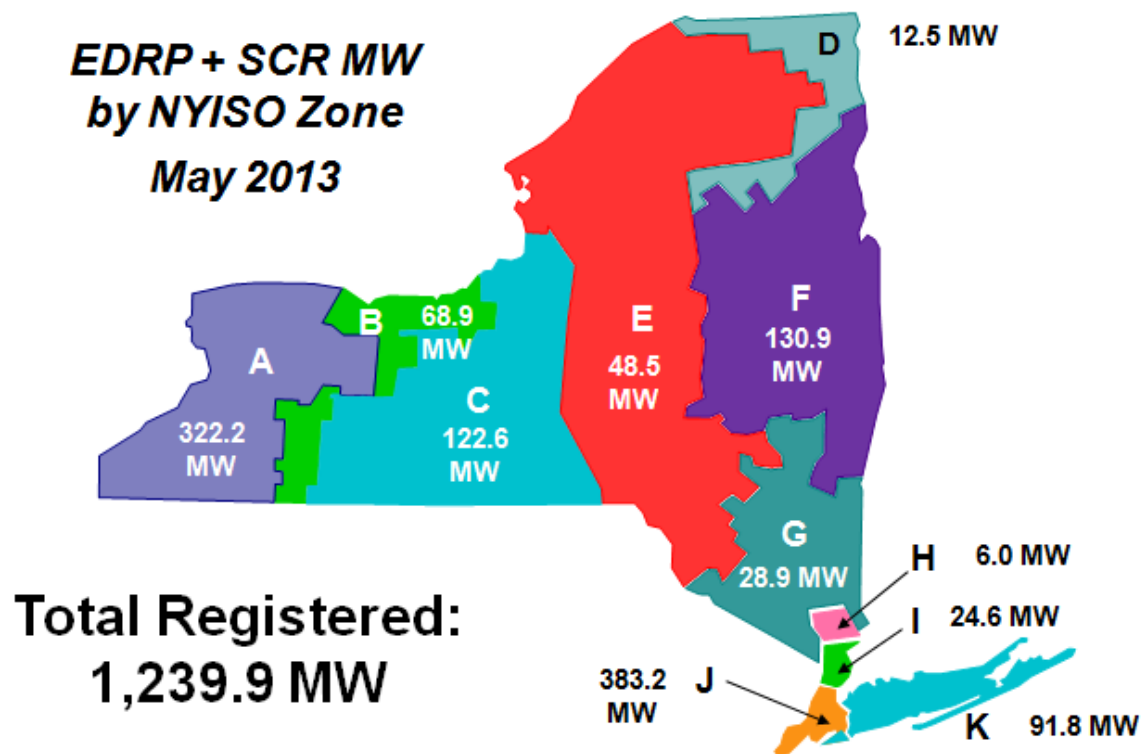
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<sup>3</sup> The term "curtailment service providers" as used in this report refers to Responsible Interface Parties (RIPs) as that term issued in the Installed Capacity Manual, Demand Response Providers (DRPs) as defined in the DADRP Manual, and the four classes of market participants identified in the EDRP Manual. A retail customer participating in a NYISO demand response program with its own load acts as its own curtailment service provider.

since last year may be the result of mergers and acquisitions, or direct customers that choose to enroll through an aggregator, Transmission Owner or Competitive LSE.

Figure 1 below provides a geographic distribution of resources currently enrolled in the NYISO's EDRP and ICAP/SCR programs.

**Figure 1. Zonal Distribution of Combined Reliability Program Enrollment**



Tables 2 through 4 present zonal enrollment statistics for EDRP, ICAP/SCR, and DADRP, respectively, as of mid-May 2013. For each Load Zone (Zone), information on the total number of resources, total MW registered, and the amount of load reduction explicitly enrolled as supplied by eligible Local Generators or other behind-the-meter supply sources. In addition, changes in number of resources and enrolled MW since the June 2012 Report are shown by Zone.

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<sup>4</sup> Docket No. ER01-3001-000, NYISO 2012 Demand Response Semi-Annual Report (filed June 1, 2012), "the June 2012 Report").

**Table 2. EDRP Enrollment: May 2013 - Public**

Zone	Number of EDRP Resources	EDRP MW of Load Reduction	EDRP MW of Enrolled Local Generators**	Total EDRP MW	Change in Count from June 2012 Report	Change in MW from June 2012 Report
A	13	12.5	1.0	<b>13.5</b>	-4	3.9
B	*	1.3	0.0	<b>1.3</b>	-13	-2.2
C	29	13.9	0.0	<b>13.9</b>	-7	11.7
D	8	3.7	0.0	<b>3.7</b>	0	3.7
E	20	14.9	0.0	<b>14.9</b>	-17	1.6
F	23	22.9	3.9	<b>26.8</b>	-9	-1.6
G	*	0.0	0.0	<b>0.0</b>	-15	-0.5
H	*	1.6	0.0	<b>1.6</b>	-1	1.6
I	*	0.0	0.0	<b>0.0</b>	-12	0.0
J	12	0.6	0.7	<b>1.2</b>	3	0.7
K	14	0.6	0.7	<b>1.3</b>	-3	-2.5
<b>Totals</b>	<b>124</b>	<b>71.9</b>	<b>6.3</b>	<b>78.2</b>	<b>-62</b>	<b>16.4</b>

*\*Number of end-use locations by category is fewer than 5 and has been masked for this public version of the table. The unredacted values are presented in the confidential appendix submitted as Attachment A.*

*\*\* The MW values shown in this column are as reported to NYISO during the enrollment process. Depending on meter configurations of individual resources, the load reductions supported by behind-the-meter supply sources may be greater than the value explicitly enrolled.*

Enrollment in EDRP shows an increase of 26.3% in enrolled MW since May 2012. The largest increase occurred in Zone C (Central). Nominal changes occurred in all other Zones. The changes in enrollment indicate a contraction in the count of participating resources but an overall increase in participating MWs. This change in participation is inverse to what occurred for EDRP resource enrollment for the Summer 2012 Capability Period but is not indicative of total participation for the entire Summer 2013 Capability Period, as EDRP resources can enroll in the month prior to when the resources expect to participate. For example, in 2012, the enrolled MW increased by 133% between May (61.8 MW) and July (143.9 MW).



**Table 3. ICAP/SCR Enrollment: May 2013**

Zone	Number of SCRs	ICAP MW of Load Reduction	ICAP MW of Enrolled Local Generators**	Total ICAP MW	Change in Count from June 2012 Report	Change in ICAP MW from June 2012 Report
A	360	299.4	9.2	308.7	-74	-74.2
B	184	58.5	9.1	67.6	-29	-9.9
C	261	107.1	1.6	108.7	-58	9.1
D	7	8.3	0.4	8.8	-8	-451.1
E	118	33.3	0.4	33.6	-28	6.1
F	169	98.6	5.5	104.1	-28	6.3
G	105	23.6	5.3	28.9	-44	-21.5
H	16	4.2	0.2	4.4	-7	-1.8
I	94	19.3	5.3	24.6	-40	-10.4
J	2146	303.1	78.9	382.0	-253	-27.4
K	621	85.7	4.8	90.5	-187	-7.2
<b>Totals</b>	<b>4081</b>	<b>1041.0</b>	<b>120.7</b>	<b>1161.7</b>	<b>-756</b>	<b>-582.0</b>

**\*\* The MW values shown in this column are as reported to NYISO during the enrollment process. Depending on meter configurations of individual resources, the load reductions supported by behind-the-meter supply sources may be greater than the value explicitly enrolled.**

The ICAP/SCR data in Table 3 reflects enrollments prior to the May ICAP Spot Market Auction, the first month of the Summer Capability Period. Eligible Local Generator resources provide approximately 10.4% of enrolled MW in ICAP/SCR.

The data in Table 3 shows a MW enrollment decrease of 33.4% compared with the same period reported in the June 2012 Report and an 15.6% reduction in the number of end-use locations. Historic data shows that enrollment in the ICAP/SCR program changes monthly throughout the Summer Capability Period.

**Table 4. DADRP Enrollment: May 2013 - Public**

Zone	Number of End Use Locations	DADRP Load Reduction MW***	DADRP Local Generator MW***	Total DADRP MW	Change in Count from June 2012 Report	Change in MW from June 2012 Report
A	0	0.0	0.0	<b>0.0</b>	0	0.0
B	0	0.0	0.0	<b>0.0</b>	0	0.0
C	0	0.0	0.0	<b>0.0</b>	0	0.0
D	0	0.0	0.0	<b>0.0</b>	0	0.0
E	0	0.0	0.0	<b>0.0</b>	0	0.0
F	*	28.0	0.0	<b>28.0</b>	0	0.0
G	*	9.0	0.0	<b>9.0</b>	0	0.0
H	0	0.0	0.0	<b>0.0</b>	0	0.0
I	0	0.0	0.0	<b>0.0</b>	0	0.0
J	0	0.0	0.0	<b>0.0</b>	0	0.0
K	0	0.0	0.0	<b>0.0</b>	0	0.0
Total	<b>4</b>	<b>37.0</b>	<b>0.0</b>	<b>37.0</b>	<b>0</b>	<b>0.0</b>

**\*\*\* Local Generators are not eligible to participate in DADRP.**

Enrollment in DADRP has been static for several years and many of the enrolled resources have shown no activity in the energy market for more than three years. There have been no changes in enrollment reported for DADRP over the last twelve months.

#### Demand Side Ancillary Services Program

Effective April 1, 2013, aggregations of small customers became eligible to enroll in the DSASP and a deployment of the Demand Response Information System occurred to support the enrollment process. There are demand-side resources that have initiated the enrollment and registration process for DSASP and aggregators are beginning to implement the infrastructure for direct communications with the NYISO.

### **Demand Response Initiatives for 2013**

The NYISO is working with its stakeholders on a number of initiatives intended to improve the administration of its demand response programs, and to address regulatory directives to facilitate market participation. This section provides a brief synopsis of the efforts to date on these initiatives:

### ***Market Rules for changes to Average Coincidental Load and related Enrollment Functions***

The NYISO has been working with its stakeholders in the Price Responsive Load Working Group and the Installed Capacity Working Group to develop market rules and revisions to its procedures in the ICAP Manual regarding changes in the Provisional Average Coincident Load, introduction of an Incremental Average Coincident Load, and changes to the SCR Load Zone Peak Hours. These changes have been discussed with stakeholders at several joint Price Responsive Load Working Group/Installed Capacity Working Group meetings.<sup>5</sup>

### ***Market Rules for Aggregations of Small Demand Resources in the Ancillary Services Market***

With the successful deployment of upgrades to the NYISO's Demand Response Information System (DRIS) application in March 2013, the NYISO has opened the Operating Reserve and Regulation Service markets to DSASP Providers representing aggregations of small Demand Side Resources. The NYISO implemented changes to the Ancillary Services Manual and the DRIS User Guide to reflect the changes for aggregations and made changes to the DSASP Resource Registration Packet to acquire the necessary information for enrolling these resources in DRIS and to support modeling in the NYISO's Market Information System (MIS).

To familiarize DRIS users with the new capabilities implemented in DRIS for aggregators of small demand response resources to participate in the NYISO's Operating Reserves and Regulation Service markets, the NYISO completed multiple training sessions for Stakeholders in the first quarter of 2013.

### ***ACL Baseline Study***

At stakeholders' request, the NYISO is conducting a study of the ACL baseline to compare it to the existing CBL baseline and variations to assess the relative accuracy of the two different baseline methodologies for computing capacity, event response, and performance of Special Case Resources. The NYISO has engaged KEMA to analyze two capability years of data from the NYISO's SCR program, based on the study that KEMA conducted for PJM in

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<sup>5</sup> August 20, 2012, September 11, 2012, February 19, 2013, April 29, 2013, and May 22, 2013

2010/2011. The NYISO's study will include evaluations of additional variations of the ACL baseline. The NYISO presented results of the data collection phase to the ICAPWG and BIC in February 2013 and the analysis design in May 2013.<sup>6</sup> The results of the analysis will be presented by the end of this year.

### ***Demand Response in the Real-Time Energy Market***

The NYISO engaged its stakeholders during the second half of 2012, with presentations in November and December 2012 to provide market design concepts for demand response participation in the real-time energy market. The presentations were provided to a Joint Price-Responsive Load and Market Issues Working Group meeting on November 30, 2012 and the Business Issues Committee on December 5, 2012, where stakeholders approved the market design concepts. Stakeholder discussions will continue in the second half of 2013 and early 2014, as the requirements, market rules, and ISO procedures are developed.

### ***Implementation of NYISO's Order 745 Compliance Filing for a Monthly Net Benefits Test***

On May 16, 2013, the NYISO received an order on its August 19, 2011 filing in compliance with Order 745<sup>7</sup>. The order requires the NYISO to submit a compliance filing within 30 days to address several issues with various aspects of the 2011 compliance filing. Following a final order from the Commission on its Order 745 compliance filings, the NYISO will develop schedule to implement the required changes.

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<sup>6</sup> Presentations by R. Kirkpatrick and T. Hennessy (KEMA):  
[http://www.nyiso.com/public/webdocs/markets\\_operations/committees/bic/meeting\\_materials/2013-02-13/agenda\\_07\\_SCR%20Baseline%20Study%20Update%20BIC.pdf](http://www.nyiso.com/public/webdocs/markets_operations/committees/bic/meeting_materials/2013-02-13/agenda_07_SCR%20Baseline%20Study%20Update%20BIC.pdf) ;  
[http://www.nyiso.com/public/webdocs/markets\\_operations/committees/bic\\_icapwg/meeting\\_materials/2013-05-22/SCR%20Baseline%20Study%20Update%20PRLWG\\_ICAPWG%20May222013%2005152013.pdf](http://www.nyiso.com/public/webdocs/markets_operations/committees/bic_icapwg/meeting_materials/2013-05-22/SCR%20Baseline%20Study%20Update%20PRLWG_ICAPWG%20May222013%2005152013.pdf)

<sup>7</sup> Docket No. ER11-4338-000, Order on Compliance Filing (issued May 16, 2013), and NYISO filing in response to Docket No. RM10-17-000 Demand Response Compensation in Organized Wholesale Energy Markets (filed August 19, 2011)