

THIS FILING LETTER DOES NOT CONTAIN ANY PRIVILEGED OR CONFIDENTIAL INFORMATION. THE BODIES OF THE REPORTS, INCLUDING TABLE 2 IN ATTACHMENT II (MARKED PUBLIC) DO NOT CONTAIN ANY PRIVILEGED OR CONFIDENTIAL INFORMATION. CONFIDENTIAL EXHIBIT A (ATTACHMENT III) INCLUDES UNREDACTED TABLES 2, 4, AND 5 WHICH CONTAIN PRIVILEGED AND CONFIDENTIAL INFORMATION, AND ARE SUBMITTED SEPARATELY.

June 1, 2016

VIA ELECTRONIC FILING

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

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

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 new generation projects and Demand Response programs in the New York Control Area. This filing is made for informational purposes only in accordance with the Commission's delegated order issued February 23, 2010 in these dockets.¹

I. Documents Submitted

1. This filing letter;
2. NYISO Semi-Annual Compliance Report on New Generation Projects (including its Exhibits A and B), June 1, 2016 (Attachment I);
3. NYISO Semi-Annual Compliance Report on Demand Response Programs, June 1, 2016 – public (redacted) (Attachment II); and

¹ *New York Indep. Sys. Operator, Inc.*, Docket Nos. ER01-3001 and ER03-647 (Feb. 23, 2010).

4. Confidential Exhibit A to the NYISO Semi-Annual Compliance Report on Demand Response Programs, June 1, 2016 – CONFIDENTIAL (unreadacted) (“Confidential Exhibit A”); (Attachment III).

II. Request for Confidential Treatment of Confidential Exhibit 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,” filing Attachment II) summarizes the current status of demand response participation in the NYISO’s markets as of June 1, 2016. The Demand Response Report redacts confidential, commercially sensitive information in Table 2, and omits Tables 4 and 5 in their entirety. The confidential, unredacted version of Table 2, as well as the entirety of Tables 4 and 5 are in Confidential Exhibit A (Attachment III), which is labeled as confidential and is being filed herewith as a separate attachment.

In accordance with Sections 388.107 and 388.112 of the Commission’s regulations,² Article 6 of the NYISO’s Market Administration and Control Area Services Tariff, and 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 Confidential Exhibit A. The NYISO also requests that the Confidential Exhibit A be exempted from public disclosure under the Freedom of Information Act (“FOIA”), 5 U.S.C. § 522.³

Confidential Exhibit A 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,⁴ and could adversely affect competition in the markets administered by the NYISO. This information includes a very limited number of demand response Resources in certain Load Zones. Confidential Exhibit A also contains information on NYISO’s Demand Side Ancillary Services Program, and total enrollment for the entire program is very limited. With such a small number of Resources participating in the program, the aggregation of the data reported would 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 Confidential Exhibit A receive Privileged and Confidential treatment and be exempt from FOIA disclosure. Confidential Exhibit A is identified and marked in accordance with the Commission’s regulations and rules published by the Secretary’s Office for submitting privileged information.⁵

² 18 C.F.R. §§ 388.107 and 388.112 (2014).

³ The information provided by the NYISO, for which the NYISO claims an exemption from FOIA disclosure, is labeled “Contains Privileged Information – Do Not Release.”

⁴ Capitalized terms not otherwise defined herein have the meaning set forth in the NYISO’s Market Administration and Control Area Services Tariff.

⁵ Federal Energy Regulatory Commission Submission Guidelines, July 1, 2010, page 2.

Kimberly D. Bose, Secretary

June 1, 2016

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III. Correspondence

Copies of correspondence concerning this filing should be addressed to:

Robert E. Fernandez, General Counsel
Raymond Stalter, Director of Regulatory Affairs
Gloria Kavanah, Senior Attorney
*Gregory J. Campbell, Attorney
10 Krey Boulevard
Rensselaer, NY 12144
Tel: (518) 356-6000
Fax: (518) 356-4702
rfernandez@nyiso.com
rstalter@nyiso.com
gkavanah@nyiso.com
gcampbell@nyiso.com

* person designated to receive service

Respectfully submitted,

/s/Gregory J. Campbell

Gregory J. Campbell

Counsel for

New York Independent System Operator, Inc.

cc: Michael Bardee
Anna Cochrane
Kurt Longo
Max Minzner
Daniel Nowak
Larry Parkinson
J. Arnold Quinn
Douglas Roe
Kathleen Schnorf
Jamie Simler
Gary Will

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 1st day of June 2016.

/s/ John C. Cutting

John C. Cutting
New York Independent System Operator, Inc.
10 Krey Blvd.
Rensselaer, NY 12144
(518) 356-7521

Attachment I

ATTACHMENT I

New York Independent System Operator, Inc.

Semi-Annual Compliance Report on New Generation Projects

June 1, 2016

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.”¹ 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 Open Access Transmission Tariff: 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 Exhibit A to this Attachment I, which is dated April 30, 2016. The NYISO updates its 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 (in 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 Exhibit B to this Attachment I. 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.

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

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
154	KeySpan Energy for LIPA	Holtsville-Brentwood-Pilgrim	8/19/04	N/A		AC	Suffolk, NY	K	Holtsville & Pilgrim 138kV	LIPA	4	7/31/15	None		2017	
180A	Green Power	Cody Rd	3/17/05	10	10	W	Madison, NY	C	Fenner - Cortland 115kV	NM-NG	12	7/31/15	None	6/15/09	2016/07	2016/07
251	CPV Valley, LLC	CPV Valley Energy Center	7/5/07	677.6	690.6	CC-D	Orange, NY	G	Coopers – Rock Tavern 345kV	NYPA	11	5/31/15	FES, SRIS, FS	10/15/13	2017/06	2017/10
270	Wind Development Contract Co LLC	Hounsfield Wind	12/13/07	244.8	244.8	W	Jefferson, NY	E	Fitzpatrick - Edic 345kV	NYPA	7	12/31/15	FES, SRIS		N/A	N/A
276	Air Energie TCI, Inc.	Crown City Wind Farm	1/30/08	90	90	W	Cortland, NY	C	Cortland - Fenner 115kV	NM-NG	7	1/31/15	FES, SRIS		2018/12	2018/12
305	TDI-USA Holdings Corporation	Champlain Hudson Power Express	7/18/08	1000	1000	DC	Quebec - NY, NY	J	Astoria Annex Substation 345kV	NYPA	9	5/31/15	FES, SRIS		2019/Q1	2019/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	12	12/31/15	SIS		N/A	
338	RG&E	Brown's Race II	8/11/09	6.3	6.3	H	Monroe, NY	B	Station 137 11kV	RG&E	11	11/30/15	None		2018/09	2018/09
339	RG&E	Transmission Reinforcement	8/17/09	N/A	N/A	AC	Monroe, NY	B	Niagara - Kintigh 345kV	RG&E	6	4/30/15	SIS		2019/W	
347	Franklin Wind Farm, LLC	Franklin Wind	12/2/09	50.4	50.4	W	Delaware, NY	E	Oakdale - Delhi 115kV	NYSEG	7	4/30/16	FES, SRIS		2019/10	2019/12
349	Taylor Biomass Energy-Montgomery, LLC	Taylor Biomass	12/30/09	19	22.5	SW	Orange, NY	G	Maybrook - Rock Tavern 69kV	CHGE	11	4/30/16	SRIS, FS	10/15/13	2017/12	2018/04
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	7	1/31/15	FES, SRIS		2017/07	2017/07
361	US PowerGen Co.	Luyster Creek Energy	2/15/11	401	444	CC-D	Queens, NY	J	Astoria West Substation 138kV	CONED	7	1/31/15	FES, SRIS		2017/06	2017/06
362	Monticello Hills Wind, LLC	Monticello Hills Wind	3/7/11	19.8	19.8	W	Otsego, NY	E	W. Winfield - Richfield Spring 46kV	NYSEG	11	5/31/15	None	3/18/13	2016/12	2016/12
363	Poseidon Transmission 1, LLC	Poseidon Transmission	4/27/11	500	500	DC	NJ - Suffolk, NY	K	Ruland Rd. 138kV	LIPA	9	1/31/16	FES, SRIS		2020/03	2020/06
367	Orange & Rockland	North Rockland Transformer	9/14/11	TBD	TBD	AC	Rockland, NY	G	Line Y94 345kV	ConEd	6	4/30/14	SIS		2018/06	
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	12	12/31/15	SIS		2016/Q2	
371	South Mountain Wind, LLC	South Mountain Wind	10/31/11	18	18	W	Delaware, NY	E	River Rd Substation 46kV	NYSEG	7	10/31/14	None		2017/12	2017/12
372	Dry Lots Wind, LLC	Dry Lots Wind	10/31/11	33	33	W	Herkimer, NY	E	Schuyler - Whitesboro 46kV	NM-NG	7	1/31/15	FES, SRIS		2017/11	2017/11
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	12	12/31/15	SIS		2016/Q2	
382	Astoria Generating Co.	South Pier Improvement	5/30/12	91.2	95.5	CT-NG	Kings, NY	J	Gowanus Substation 138kV	ConEd	7	4/30/16	SRIS		2018/06	2018/06
383	NRG Energy, Inc.	Bowline Gen. Station Unit #3	5/30/12	775	814	CC-NG	Rockland, NY	G	Ladentown Subsation 345kV	O&R/ConEd	7	3/31/16	SRIS		N/A	N/A
384	National Grid	Knickerbocker Pleasant Valley	6/15/12	TBD	TBD	AC	Columbia-Dutchess, NY	F, G	Knickerbocker - P. Valley 345kV	NM-NG/ConEd	6	7/31/13	SIS		2018	
386	GII Development LLC	Grand Isle Intertie	6/28/12	400	400	DC	Clinton, NY - VT	D	Plattsburgh 230kV-New Haven, VT 345kV	NYPA	7	12/31/15	FES, SRIS		2018/06	2018/06
387	Cassadaga Wind, LLC	Cassadaga Wind	7/19/12	126	126	W	Chautauqua, NY	A	Dunkirk – Moon Station 115 kV	NM-NG	7	4/30/16	FES, SRIS		2018/10	2018/12
390	Trail Co.	Farmers Valley Substation	9/14/12	TBD	TBD	AC	Cattaraugus, NY - PA	A	Homer City - Stolle Rd. 345kV	NM-NG/NYSEG	12	4/30/16	SIS		2016/06	
392	Exelon Corporation	Scriba-Volney	10/5/12	TBD	TBD	AC	Oswego, NY	C	Scriba - Volney 345kV	NM-NG/NYSEG	6	4/30/15	SIS		N/A	
393	NRG Energy, Inc.	Berrians East Repower	10/16/12	102.3	53	CC-D	Queens, NY	J	Astoria East Substation 138kV	CONED	5	3/31/14	FES		2018/06	2018/06
395	Copenhagen Wind Farm, LLC	Copenhagen Wind	11/12/12	79.9	79.9	W	Lewis, NY	E	Black River-Lighthouse Hill 115kV	NM-NG	9	4/30/15	FES, SRIS		2016/08	2016/10
396	Baron Winds, LLC	Baron Winds	11/30/12	300	300	W	Steuben, NY	C	Hillside - Meyer 230kV	NYSEG	7	2/28/15	FES, SRIS		2016/12	2016/12
396A	New York State Electric & Gas	Wood Street Transformer	12/14/12	TBD	TBD	AC	Putnum, NY	G	Wood St. 345/115kV	NYSEG	6	4/30/16	SIS		2021/12	
397	Jericho Rise Wind Farm, LLC	Jericho Rise Wind	12/21/12	77.7	77.7	W	Franklin, NY	D	Willis Substation 115kV	NYPA	9	3/31/16	SRIS		2016/11	2017/07
398	Black Oak Wind Farm, LLC	Black Oak Wind	1/10/13	12.5	12.5	W	Tompkins, NY	C	Montour - Coddington 115kV	NYSEG	10	4/30/16	None	8/28/15	2016/07	2016/09
401	Caithness Long Island II, LLC	Caithness Long Island II	3/22/13	744	807	CC-D	Suffolk, NY	K	Sills Road Substation 138kV	LIPA	9	3/31/16	SRIS		2018/04	2019/05
403	PSEG Power New York	Bethlehem Energy Center Up	5/28/13	72	51.2	CC-D	Albany, NY	F	Bethlehem Energy Center	NM-NG	9	5/31/15	FES, SRIS		2017-2019	2017-2019
404	NextEra Energy Transmission	Princeton - Rotterdam 230	6/4/13	TBD	TBD	AC	Schenectady, NY	F	Princeton - Rotterdam 230kV	NM-NG	4	3/31/16	None		2017/07	2017/08
412	New York State Electric & Gas	Oakdale - Fraser 345	8/20/13	TBD	TBD	AC	Broome-Delaware, N	C, E	Oakdale - Fraser 345kV	NYSEG	5	12/31/13	None		2017/05	
414	North America Transmission, LLC	New Scotland-Leeds-PV 345	9/5/13	TBD	TBD	AC	Albany-Dutchess, NY	F, G	New Scotland - P. Valley 345kV	NM-NG/ConEd	5	6/30/15	FES		2019	2019
417	NextEra Energy Transmission	Marcy - KB - PV 345 (3)	9/9/13	TBD	TBD	AC	Oneida-Dutchess, NY	E, G	Marcy - P. Valley 345kV	NM-NG/NYP/ConEd	4	10/31/15	FES		2017/07	2017/08
419	NextEra Energy Transmission	Marcy - NS - KB - PV 345	9/16/13	TBD	TBD	AC	Oneida-Dutchess, NY	E, G	Marcy - P. Valley 345kV	NM-NG/NYP/ConEd	4	3/31/16	FES		2017/07	2017/08
421	EDP Renewables North America	Arkwright Summit	11/1/13	78	78	W	Chautauqua, NY	A	Dunkirk – Falconer 115 kV	NM-NG	5	4/30/16	None		2017/10	2017/11
422	NextEra Energy Resources, LLC	Call Hill Wind	11/7/13	103.3	103.3	W	Steuben-Allegany, N	B	Bennett 115kV	NYSEG	4	11/30/15	FES		2017/Q3	2017/Q4
424	Boundless Energy NE, LLC	Leeds Path West	11/26/13	TBD	TBD	AC	Greene-Westchester, NY	G-J	Leeds - Millwood 345kV	NM-NG/NYP/ConEd/Hud/ConEd/NYSEG	5	10/31/15	FES		2017/06	2017/07

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
427	Island Park Energy Center, LLC	Island Park Energy Center CCPP	1/24/14	268	295	CT-NG	Nassau, NY	K	Barrett Power Station 138kV	LIPA	5	11/30/14	None		2019/02	2019/05
428	Island Park Energy Center, LLC	Island Park Energy Center SCPP	1/24/14	262	252	CT-NG	Nassau, NY	K	Barrett Power Station 138kV	LIPA	5	11/30/14	None		2017/02	2017/05
429	Orange & Rockland	North Rockland Station	2/12/14	TBD	TBD	AC	Rockland, NY	G	Line Y88 345kV	ConEd	6	8/31/15	SIS		2018/06	
430	H.Q. Energy Services U.S. Inc.	Cedar Rapids Transmission	3/5/14	TBD	TBD	AC	St. Lawrence, NY	E	Dennison - Alcoa 115kV	NM-NG	5	10/31/14	None		2017/Q1	
431	Greenidge Generation	Greenidge Unit #4	4/11/14	106.3	106.3	ST-NG	Yates, NY	C	Greenidge Substation 115kV	NYSEG	9	4/30/16	SRIS		2016/09	2016/09
432	New York State Electric & Gas	South Perry Transformer	4/15/14	TBD	TBD	AC	Wyoming, NY	B	South Perry Substation 115kV	NYSEG	5	8/31/14	None		2017/12	
440	Erie Power, LLC	Erie Power	6/2/14	79.4	88	CC-NG	Chautauqua, NY	A	South Ripley Substation 230kV	NM-NG	9	4/30/16	SRIS		2016/08	2016/08
444	Cricket Valley Energy Center, LLC	Cricket Valley Energy Center II	6/18/14	1020	1132	CC-NG	Dutchess, NY	G	Pleasant Valley - Long Mt. 345kV	ConEd	9	2/29/16	SRIS		2017/12	2019/08
445	Lighthouse Wind, LLC	Lighthouse Wind	6/30/14	201.3	201.3	W	Niagara, NY	A	AES Somerset Substation 345kV	NYSEG	5	10/31/15	FES		2017/09	2017/12
448	Alps Interconnector, LLC	Alps HVDC	8/12/14	600	600	DC	NE-Rensselaer, NY	F	Alps Substation 345kV	NM-NG	5	1/31/16	FES		2019/06	2019/06
449	Stockbridge Wind, LLC	Stockbridge Wind	8/13/14	72.6	72.6	W	Madison, NY	E	Whitman - Oneida 115kV	NM-NG	5	11/30/15	FES		2016/10	2016/12
458	TDI-USA Holdings, Inc.	NS Interconnection	10/24/14	1000	1000	DC	Albany - NY, NY	F, J	Marcy-New Scotland-Astoria 345kV	NM-NG/NYPA	4	2/29/16	FES		2019/Q1	2019/Q2
461	Consolidated Edison Co. of NY	East River 1 Uprate	12/1/14	2	2	CT-NG	New York, NY	J	East River Complex	ConEd	7, 14	3/31/16	SRIS		I/S	I/S
462	Consolidated Edison Co. of NY	East River 2 Uprate	12/1/14	2	2	CT-NG	New York, NY	J	East River Complex	ConEd	7, 14	3/31/16	SRIS		I/S	I/S
465	Hudson Transmssion Partners	Hudson Transmission NY to PJM	12/15/14	675	675	DC/AC	New York, NY	J	W49th St 345kV - Bergen 230kV	ConEd	5	5/31/15	None		2016/06	2016/06
466	Atlantic Wind, LLC	Bone Run Win	12/16/14	148.5	148.5	W	Cattaraugus, NY	A	Falconer - Homer Hill 115kV	NM-NG	5	4/30/16	FES		2019/11	2019/11
467	Invenergy Solar Development, LL	Tallgrass Solar	12/22/14	25	25	S	Suffolk, NY	K	Ridge - Wildwood 69kV	LIPA	7	2/29/16	SRIS		2016/09	2016/11
468	Apex Clean Energy LLC	Galloo Island Wind	12/30/14	105.6	105.6	W	Oswego, NY	C	Hammermill - Wine Creek 115kV	NM-NG	3	12/31/15	None		2017/07	2017/12
469	NextEra Energy Transmission	Edic-PV 345	1/6/15	TBD	TBD	AC	Oneida-Dutchess, NY	E, G	Edic - Pleasant Valley 345kV	NM-NG/ConEd	4	12/31/15	FES		2019/09	2019/11
470	NextEra Energy Transmission	Knickerbocker 115	1/6/15	TBD	TBD	AC	Columbia-Rensselaer, NY	F	Greenbush - Churchtown 115kV	NM-NG/NYSEG/ CHGE	4	3/31/16	None		2019/07	2019/08
471	NextEra Energy Transmission	Marcy-Princeton 345	1/6/15	TBD	TBD	AC	Oneida-Albany, NY	E, F	Marcy - Princeton 345kV	NM-NG/NYPA/ ConEd	4	12/31/15	FES		2019/07	2019/08
472	NextEra Energy Transmission	Knickerbocker 345	1/6/15	TBD	TBD	AC	Rensselaer-Dutchess, NY	F	Knickerbocker - P. Valley 345kV	NM-NG/ConEd	4	10/31/15	FES		2019/01	2019/02
473	Calverton Solar LLC	Calverton Solar	1/21/15	10	10	S	Suffolk, NY	K	Riverhead - Wildwood 69kV	LIPA	3	8/31/15	None		2016/09	2016/09
474	EDP Renewables North America	North Slope Wind	1/30/15	200	200	W	Franklin-Clinton, NY	D	Patnode 230kV	NYPA	4	3/31/16	FES		2017/11	2017/11
476	New York State Electric & Gas	Edic-PV, Oakdale-Fraser	2/12/15	TBD	TBD	AC	Oneida-Delaware, NY	E	Edic-PV, Oakdale-Fraser 345kV	NM-NG/NYSEG	5	8/31/15	None		2019/09	2019/09
477	Riverhead Solar Farm LLC	Riverhead Solar	2/18/15	20	20	S	Suffolk, NY	K	Edwards Substation 138kV	LIPA	4	3/31/16	None		2016/10	2016/10
480	National Grid	Edic-NS, Knickerbocker-PV	2/20/15	TBD	TBD	AC	Oneida-Dutchess, NY	E-G	Edic-NS, Knickerbocker-PV 345kV	NM-NG/ConEd	4	2/28/15	None		2019/09	2019/09
485	National Grid	Knickerbocker-PV	3/4/15	TBD	TBD	AC	Columbia-Dutchess, NY	F, G	Knickerbocker - P. Valley 345kV	NM-NG/ConEd	4	3/31/15	None		2019/09	2019/09
487	LI Energy Storage System	Far Rockaway Battery Storage	3/9/15	20	20	ES	Suffolk, NY	K	Far Rockaway Substation 69kV	LIPA	3	4/30/16	None		2018/10	2018/10
488	LI Energy Storage System	Glenwood Battery Storage	3/9/15	20	20	ES	Suffolk, NY	K	Glenwood Substation 69kV	LIPA	3	4/30/16	None		2018/10	2018/10
490	New York Power Authority	Marcy South Series Comp	3/16/15	TBD	TBD	AC		E		NYSEG/NM-NG	6	2/29/16	SIS			
492	Setauket Fuel Cell Park, LLC	Setauket Fuel Cell Park	3/23/15	19.6	19.6	FC	Suffolk, NY	K	Terryville Substation 69kV	LIPA	3	1/31/16	None		2016/12	2016/12
494	Alabama Ledge Wind Farm LLC	Alabama Ledge Wind	3/31/15	79.8	79.8	W	Genesee, NY	A	Oakfield - Lockport 115kV	NM-NG	5	2/29/16	None		2017/09	2017/12
495	Canajoharie Solar LLC	Canajoharie Solar	4/2/15	98	98	S	Montgomery, NY	F	St. Johnsville - Marshville 115kV	NM-NG	3	10/31/15	None		2016/12	2016/12
496	Renovo Energy Center, LLL	Renovo Energy Center	4/13/15	480	504	CC	Chemung, NY - PA	C	Homer City - Watercure 345kV	NYSEG	5	3/31/16	FES		2019/05	2019/12
497	Invenergy Wind Development LLC	Bull Run Wind	4/24/15	303.6	303.6	W	Clinton, NY	D	Patnode 230kV	NYPA	4	3/31/16	FES		2018/10	2018/12
498	ESC Tioga County Power, LLC	Tioga County Power	4/29/15	550	550	CC-NG	Chemung, NY - PA	C	Homer City - Watercure 345kV	NYSEG	4	3/31/16	FES		2020/06	2020/06
505	RES America Devlopments LLC	Ball Hill Wind	6/2/15	120	120	W	Chautauqua, NY	A	Dunkirk - Gardenville 230kV	NM-NG	5	3/31/16	None		2017/09	2017/12
506	Empire State Connector Corp.	Empire State Connector	6/10/15	1000	1000	DC	Onondaga-New York, NY	C, J	Clay - Gowanus 345kV	NYPA/NM-NG/ ConEd	3	10/31/15	None		2021/10	2022/01
507	Erie Boulevard Hydropower, LP	Glens Falls Hydro	7/2/15	14.8	14.8	H	Washington, NY	F	Henry St. - Glens Falls 34.5kV	NM-NG	3	2/29/16	None		2016/11	2016/11
510	Bayonne Energy Center	Bayonne Energy Center II	8/3/15	120.4	129.4	CT-D	Bayonne, NJ	J	Gowanus Substation 345kV	ConEd	5	10/31/15	None		2017/06	2017/12
511	AG Energy, LP	Ogdensburg	9/4/15	79	90.1	CT-NG	St. Lawrence, NY	E	North Ogdensburg Substation	NM-NG	5	1/31/16	None		2016/05	2016/05
512	Northbrook Lyons Falls	Lyons Falls Mill Hydro	9/11/15	14.1	14.1	H	Lewis, NY	E	Taylorville- Boonville 115 kV	NM-NG	4	1/31/16	None		2018/03	2018/03
513	Stony Creek Energy LLC	Orangeville	9/21/15	20	20	ES	Wyoming, NY	A	Stony Creek 230kV	NYSEG	2	10/31/15	None		2016/08	2016/08

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
514	RES Americas Developments Inc.	Empire Wind	10/1/15	120	120	W	Rensselaer, NY	F	Stephentown - Greenbush 115kV	NM-NG	3	4/30/16	None		2019/10	2019/10
515	North Bergen Liberty Energy Center LLC	Liberty Generation	10/7/15	1000	1000	CC-NG	New York, NY	J	W49th St 345kV	ConEd	2	10/31/15	None		2019/06	2019/06
516	East Coast Power LLC	Linden Cogen Uprate	10/12/15	230	234	CT-NG	Linden, NJ-NY,NY	J	Linden Cogen 345kV	ConEd	5	1/31/15	None		2019/Q2	2019/Q2
517	National Grid	Western NY Reactors & Capacitors	10/14/15	N/A	N/A	AC	Niagara, NY	A	Packard - Huntley 230kV	NM-NG	5, 12	4/30/16	None		2016/05	2016/05
518	PPL Electric Utilities	Compass	10/27/15	TBD	TBD	AC	PA-Rockland, NY	G	Lackawanna - Ramapo 345kV	ConEd	3	3/31/16	None		2023/12	2023/12
519	Invenergy NY LLC	Canisteo Wind	11/2/15	290.7	290.7	W	Steuben, NY	C	Bennett 115kV	NYSEG	3	3/31/16	None		2019/10	2019/12
520	EDP Renewables North America	Rolling Upland Wind	12/3/15	72.6	72.6	W	Madison, NY	E	County Line - Bothertown 115kV	NYSEG	2	2/29/16	None		2019/07	2019/10
521	Invenergy NY, LLC	Bull Run II Wind	12/15/15	145.4	145.4	W	Clinton, NY	D	Patnode 230kV	NYPA	4	1/31/16	None		2018/10	2018/12
522	NYC Energy LLC	NYC Energy	12/16/15	79.9	79.9	CT	New York, NY	J	Hudson Avenue East 138kV	ConEd	2	1/31/16	None		2017/10	2017/10
523	Dunkirk Power LLC	Dunkirk Unit 2	12/17/15	75	75	ST	Chautauqua, NY	A	Dunkirk 115kV	NM-NG	5	4/30/16	None		2018/12	2018/12
524	Dunkirk Power LLC	Dunkirk Unit 3 & 4	12/17/15	370	370	ST	Chautauqua, NY	A	Dunkirk 230kV	NM-NG	5	4/30/16	None		2018/12	2018/12
525	New York Power Authority	Western NY Energy Link	12/18/15	TBD	TBD	AC	Niagara, NY	A	Niagara - Stolle - Gardenville	NYPA/NYSEG	5	4/30/16	None		2020	
526	Atlantic Wind, LLC	North Ridge Wind	12/23/15	100	100	W	St. Lawrence, NY	E	Colton - Malone 115kV	NM-NG	2	1/31/16	None		2019/11	2019/12
527	Atlantic Wind, LLC	Horse Creek Wind	12/23/15	250	250	W	Jefferson, NY	E	Indian River 115kV	NM-NG	2	1/31/16	None		2019/11	2019/12
528	National Grid	Moderate Power Transfer	12/30/15	TBD	TBD	AC	Niagara-Erie, NY	A	Niagara, Erie, Stolle, Gardenville	NM-NG	4	2/29/16	None		N/A	
529	National Grid	High Power Transfer	12/30/15	TBD	TBD	AC	Niagara-Erie, NY	A	Niagara, Erie, Stolle, Gardenville	NM-NG	4	2/29/16	None		N/A	
530	NextEra Energy Transmission NY	Empire State Line	1/4/16	TBD	TBD	AC	Niagara-Erie, NY	A	Dysinger - Stolle 345kV	NYPA/NYSEG/ NM-NG	2	2/29/16	None		2020/05	2020/05
531	Invenergy Wind Development LLC	Number 3 Wind Energy	1/11/16	105.8	105.8	W	Lewis, NY	E	Lowville - Bremen 115kV	NM-NG	2	2/29/16	None		2019/10	2019/12
532	RES America Developments LLC	Allegany Wind	2/1/16	100	100	W	Allegany, NY	B	Freedom Substation	Village of Arcade	2	2/29/16	None		2018/09	2018/12
533	Delano Management LLC	Empire Interconnection	2/3/16	275	275	DC	Nassau, NY	K	Far Rockaway Substation	LIPA	2	3/31/16	None		2020/04	2020/05
534	OneEnergy Development, LLC	Great Valley Solar	2/3/16	20	20	S	Washington, NY	F	Battenkill Substation	NM-NG	2	3/31/16	None		2018/02	2018/02
535	FTS DevCo LLC	Riverhead Expansion	2/23/16	60	60	S	Suffolk, NY	K	Edwards Substation 138kV	LIPA	2	3/31/16	None		2020/11	2020/12

Number of new projects during April	6
Number of new projects year to date	12
Number withdrawn during April	3
Number withdrawn year to date	8

- 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, FC=Fuel Cell
 - 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 Commercial Operation Dates (COD) are shown in format Year/Qualifier, where Qualifier may indicate the month, season, or quarter.

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New Generation Report – Exhibit 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

ATTACHMENT II

New York Independent System Operator, Inc.

Semi-Annual Compliance Report on Demand Response Programs June 1, 2016

This report summarizes the status of demand response participation in the New York Independent System Operator Inc.'s ("NYISO's") markets as of the Installed Capacity ("ICAP") auction month of May 2016. As in previous semi-annual reports, this report focuses on enrolled demand response participation in preparation for the Summer Capability Period.¹ An overview of the status of the NYISO's several demand response initiatives is provided below.

Deployments of the NYISO's two reliability-based programs (the Emergency Demand Response Program ("EDRP") and the Installed Capacity – Special Case Resource program ("ICAP/SCR")) during the Summer 2015 Capability Period were reported in the NYISO's 2016 Demand Response Annual Report ("January 2016 Report").²

The NYISO also has two economic programs (the Day-Ahead Demand Response Program ("DADRP") and the Demand-Side Ancillary Services Program ("DSASP")). DADRP enrollment has been static for several years and enrolled resources have not participated in the energy market for more than four years. Given the lack of activity during the analysis period, there is no market participation to report.

Demand Response Enrollment

This report presents statistical data on demand response enrollment. Demand response providers include individual retail electricity consumers that participate directly in the NYISO's market as a Customer, as well as curtailment service providers, which is a general term used to identify the NYISO Customers that represent retail customers in the NYISO's demand response programs.³

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

¹ Capitalized terms not otherwise defined herein have the meaning set forth in the NYISO's Market Administration and Control Area Services Tariff ("Services Tariff").

² New York Indep. Sys. Operator, Inc. Jan. 15, 2016 Annual Report on Demand Response Programs, Docket No. ER01-3001-021.

³ The term "curtailment service providers" as used in this report refers to Responsible Interface Parties (RIPs) as defined in Services Tariff Section 2.18 and as used therein and in the *Installed Capacity Manual*, Demand Reduction Providers (DRPs) as defined in Services Tariff Section 2.4 and used in the *DADRP Manual*, and the four types of Market Participants identified in the *EDRP Manual*. A retail customer participating directly in a NYISO demand response program with its own Load must be a NYISO Customer, and it acts as its own curtailment service provider. The Services Tariff defines Curtailment Services Provider solely in relation to the EDRP (see Services Tariff Section 2.3), which is narrower than as used in this report.

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- Aggregator - an entity that enrolls retail electricity consumers as individual resources within the same Load Zone that may be aggregated to form a single demand response resource;
- Competitive Load Serving Entity (“LSE”) - an entity authorized to supply Energy, Capacity and/or Ancillary Services to retail customers located within the New York Control Area (“NYCA”), and that are not also Transmission Owners;⁴
- Direct Customer - an entity that registers as a Market Participant with the NYISO to participate on their own behalf in any of the NYISO’s demand response programs; and
- Transmission Owner/LSE - the public utility or authority that owns facilities used for the transmission of Energy in interstate commerce and provides Transmission Service under the Services Tariff, and that provides service to retail customers.⁵

Table 1: Demand Response Service Providers by Provider Type

Provider Type	Number as of May 2016
Aggregator	15
Competitive LSE	6
Direct Customer	4
Transmission Owner/LSE	3
Total	28

Since the NYISO’s 2015 Semi-Annual Report on Demand Response (“June 2015 Report”),⁶ the number of demand response programs curtailment service providers participating in the NYISO’s demand response programs has remained static.

Tables 2 and 3 present enrollment statistics by Load Zone for EDRP and ICAP/SCR program respectively, as of mid-May 2016. Each table presents the total number of resources, total MW enrolled, and the enrolled MW of eligible Local Generators, or other behind-the-meter supply sources, facilitating load reduction. In addition, changes in the number of resources and enrolled MW since the June 2015 Report are shown by Load Zone.

Table 2 shows EDRP Enrollment and ICAP Unsold.⁷ Of the 64 end-use locations, 61 participated in the EDRP program and 3 were ICAP/SCRs with unsold capacity. Enrolled EDRP MW decreased 33.1% and end-use locations decreased 4.7% since May 2015. The largest decrease in enrolled MW occurred in Load Zone F (Capital) and the largest decrease in end-use locations occurred in Zone K (Long Island).

⁴ See Services Tariff Section 2.12.

⁵ See Services Tariff Section 2.20.

⁶ New York Indep. Sys. Operator, Inc. June 1, 2015 Semi-Annual Reports on Demand Response Programs and New Generation Projects, Docket No. ER03-647, *et al.*

⁷ “Unsold” capacity as used in this report includes capacity that is unoffered, and capacity that is offered but did not clear in the market.

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Table 2: EDRP Enrollment and ICAP Unsold (as of May 2016)

Zone	No. of End-Use Locations	MW of Load Reduction	MW of Local Generators	Total MW	Change in No. of End-Use Locations from May 2015	Change in Total MW from May 2015
A	8	3.9	0.0	3.9	0	0.0
B	*	0.6	0.0	0.6	*	-1.2
C	20	11.1	0.0	11.1	0	0.0
D	7	3.4	0.0	3.4	0	0.0
E	11	5.4	0.0	5.4	*	-0.5
F	*	0.3	0.0	0.3	*	-10.4
G	0	0.0	0.0	0.0	0	0.0
H	*	2.0	0.0	2.0	*	0.4
I	0	0.0	0.0	0.0	0	0.0
J	10	0.2	0.0	0.2	8	-0.4
K	0	0.0	0.0	0.0	*	-0.5
Total	64	26.9	0.0	26.9	0	-12.6

* When the number of end-use locations is less than 5, the value has been masked in this public version of the table.

Table 3 reflects ICAP/SCR MW sold in the May 2016 ICAP Spot Market Auction (May is the first month of the Summer Capability Period).⁸ Historical data shows that enrollment in the ICAP/SCR program changes monthly throughout the Summer Capability Period. The data shows ICAP/SCR enrolled MW decreased 4.5% compared with the same period reported in the June 2015 Report and the number of end-use locations decreased 6.0%.

⁸ Capacity sold in the ICAP Spot Market Auction includes capacity certified in Bilateral Transactions.

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Table 3: ICAP/SCR Sold (as of May 2016)

Zone	No. of End-Use Locations	MW of Load Reduction	MW of Local Generators	Total MW	Change in No. of End-Use Locations from May 2015	Change in Total MW from May 2015
A	302	271.4	13.3	284.7	-65	-26.5
B	236	55.8	17.5	73.4	10	-7.9
C	264	107.2	10.6	117.8	-23	4.9
D	23	58.4	4.3	62.7	-1	3.2
E	137	31.3	6.4	37.7	-8	-1.3
F	183	82.2	8.6	90.8	-28	-3.0
G	155	33.9	21.5	55.4	-14	4.0
H	32	2.0	5.5	7.5	11	4.0
I	105	14.0	9.9	23.9	16	3.9
J	1659	274.4	84.3	358.7	-151	-12.3
K	376	31.6	15.3	46.9	-36	-19.5
Total	3472	962.1	197.3	1159.3	-289	-50.7

* Depending upon the meter configuration of an individual resource the MW available from Local Generators may be greater than the MW of Load Reduction (*i.e.*, curtailment).

For the majority of the analysis period of November 2015 through April 2016, there were three Demand Side Resources actively participating in the DSASP as providers of Operating Reserves. These resources totaled 126.5 MW of capability and had an average performance of 121.5% during this analysis period. One DSASP Resource left the program beginning in April 2016.

Tables 4 and 5, not presented in this public report, describe enrollment in the DSASP. Due to the limited participation in this program, these tables are provided only in Confidential Exhibit A.

Update on 2016 Demand Response Initiatives

This section provides an update on the projects that the NYISO has planned for its demand response programs for 2016.

Continued Development of the Demand Response Information System (DRIS)

The NYISO has two software deployments planned for DRIS in 2016.

A deployment in the second quarter of 2016 will enhance DRIS software to allow incorporation of new rules to support comprehensive scarcity pricing in the NYISO's markets.⁹

⁹See Docket No. ER16-425-000, *New York Indep. Sys. Operator, Inc.*, Proposed Revisions to Services Tariff and OATT to Implement Improved Scarcity Pricing (Nov. 30, 2015); and *New York Indep. Sys. Operator, Inc.*, 154 FERC ¶ 61,152 (2016).

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An update in the fourth quarter of 2016 will incorporate certain aspects of the NYISO's Behind-the-Meter Net Generation initiative accepted by FERC on May 17, 2016. The DRIS will assist in calculating Host Load baselines for Behind-the-Meter Net Generation Resources.¹⁰ This deployment will also include an upgrade to the software version used by the DRIS to place automated phone calls for DR event notifications.

Demand Response in the Real-Time Energy Market

The NYISO has initiated a project to develop a roadmap to integrate distributed energy resources, including demand response, into its real-time energy markets.¹¹ The NYISO is currently developing a concept paper describing the NYISO's vision for integrating distributed energy resources in the wholesale markets, and intends to present the paper to stakeholders in Fall 2016. The NYISO intends to continue working with its stakeholders in 2016 and 2017 to develop a detailed market design and market rules.

¹⁰ On May 17, 2016 the Commission accepted a comprehensive set of tariff provisions for Behind-the-Meter Net Generation Resources. *See, New York Indep. Sys. Operator, Inc.*, 155 FERC ¶ 61,166 (2016).

¹¹ The NYISO's initiative to integrate distributed energy resources will also include concepts for participation in the NYISO's capacity and ancillary services markets.

Attachment III

CONTAINS PRIVILEGED INFORMATION