

THIS FILING LETTER <u>DOES NOT</u> CONTAIN ANY PRIVILEGED OR CONFIDENTIAL INFORMATION. THE BODIES OF THE REPORTS, INCLUDING TABLE 2 IN ATTACHMENT II (MARKED PUBLIC) <u>DO NOT</u> 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.

May 30, 2019

By Electronic Delivery

Honorable Kimberly D. Bose, Secretary Federal Energy Regulatory Commission 888 First Street, NE Washington, DC 20426

Re: New York Independent System Operator, Inc. Semi-Annual Reports on

New Generation Projects and Demand Response Programs;

Docket Nos. ER03-647-000 and ER01-3001-000

Dear Secretary Bose:

Enclosed for filing in the above-referenced dockets are the New York Independent System Operator, Inc.'s ("NYISO") 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

The NYISO respectfully submits the following documents with this filing letter:

1. NYISO Semi-Annual Compliance Report on New Generation Projects (including its Exhibits A and B), May 30, 2019 ("Attachment I");

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

- 2. NYISO Semi-Annual Compliance Report on Demand Response Programs, May 30, 2019 Public (redacted) ("Attachment II"); and
- 3. Confidential Exhibit A to the NYISO Semi-Annual Compliance Report on Demand Response Programs, May 30, 2019 CONFIDENTIAL (unredacted) ("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 May 2019. The Demand Response Report redacts confidential, commercially sensitive information in Table 2, and omits Tables 4 and 5 in their entirety. The confidential, unredacted versions 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 separately.

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,³ 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. § 522.⁴

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,⁵ 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

² 18 C.F.R. §§ 388.107 and 388.112 (2016).

³ Open Access Transmission Tariff §§ 12.1(4) and 12.4.

⁴ The information provided by the NYISO, for which the NYISO claims an exemption from FOIA disclosure, is labeled "CUI//PRIV."

⁵ Capitalized terms not otherwise defined herein have the meaning set forth in Section 2 of the NYISO's Market Administration and Control Area Services Tariff.

Honorable Kimberly D. Bose May 30, 2019 Page 3

with the Commission's regulations and rules published by the Secretary's Office for submitting privileged information.⁶

III. Communications and Correspondence

All communications and service in this proceeding should be directed to:

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Respectfully submitted,

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⁶ Notice of Document Labeling Guidance for Documents Submitted to or Filed with the Commission or Commission Staff (May 3, 2018).

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 30th day of May, 2019.

/s/ Mohsana Akter

Mohsana Akter New York Independent System Operator, Inc. 10 Krey Blvd. Rensselaer, NY 12144 (518) 356-7560



ATTACHMENT I

NYISO May 30, 2019 Report on New Generation Projects

In an 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." The NYISO keeps a list of Interconnection Requests, load projects and Transmission Projects for the New York Control Area that includes information about all generation projects in the State that have requested interconnection ("NYISO Interconnection Queue").

The NYISO interconnection process for generators² 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 Class Year 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 Large Facilities undergo up to three studies: the Optional 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, load and transmission projects currently in the NYISO interconnection process are listed on the list of NYISO Interconnection Queue. The generation projects on that list are shown in Exhibit A to this Attachment I, which is dated April 30, 2019. 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 https://www.nyiso.com/interconnections (in the "Interconnection Projects/NYISO Interconnection Queue" 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 or Commercial Operation 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).

² Attachment X also applies to transmission projects if the project is a proposed controllable line for which the proposing entity is seeking CRIS to receive UDRs. All other transmission projects subject to NYISO interconnection procedures are subject to Attachment P or Section 3.7 of the OATT.



Queue			Date	SP	WP	Type/	Location		Interconnection			Last	Availability	FS Complete/	Proposed	Proposed	Proposed
Pos.	Owner/Developer	Project Name	of IR	(MW)	(MW)	Fuel	County/State	Z	Point	Utility	s	Update	of Studies	SGIA Tender	In-Service	Initial-Sync	COD
276	Air Energie TCI, Inc.	Crown City Wind Farm	1/30/08	90	90	W	Cortland, NY	С	Cortland - Fenner 115kV	NM-NG	7	11/30/18	FES, SRIS		2023/12		2023/12
331	National Grid	Northeast NY Reinforcement	4/22/09	N/A	N/A	AC	Saratoga, NY	F	NGrid 230kV	NM-NG	12,14	1/31/18	SIS		2010-2019	N/A	N/A
333	National Grid	Western NY Reinforcement	5/5/09	N/A	N/A	AC	Cattaraugus, NY	Α	NGrid 115kV	NM-NG	12,14	1/31/18	SIS		2015-2019	N/A	N/A
338	RG&E	Brown's Race II	8/11/09	6.3	6.3	Н	Monroe, NY	В	Station 137 11kV	RG&E	11	9/30/18	FS	11/24/2014	2019/10	2019/10	2019/10
339	RG&E	Transmission Reinforcement	8/17/09	N/A	N/A	AC	Monroe, NY	В	Niagara - Kintigh 345kV	RG&E	12	4/30/19	SIS		2021/S	N/A	N/A
349	Taylor Biomass Energy-Montgomery, LLC	Taylor Biomass	12/30/09	19	22.5	SW	Orange, NY	G	Maybrook - Rock Tavern 69kV	CHGE	12	12/31/17	SRIS, FS	10/15/13	2020/08		2021/04
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	1/31/18	FES, SRIS		2021/01	2020/12	2021/05
361	US PowerGen Co.	Luyster Creek Energy	2/15/11	401	444	CC-D	Queens, NY	J	Astoria West Substation 138kV	CONED	7	6/30/17	FES, SRIS		2021/06		2021/06
363	Anbaric Development Partners, LLC	Poseidon Offshore	4/27/11	500	500	W	NY - Suffolk, NY	K	Ruland Rd. 138kV	LIPA	10	3/31/19	FES, SRIS, FS	2/2/2017	2020/07	2020/11	2021/01
371	South Mountain Wind, LLC	South Mountain Wind	10/31/11	18	18	W	Delaware, NY	Ε	River Rd Substation 46kV	NYSEG	7	1/31/18	FES		2020/11	2020/10	2020/12
372	Dry Lots Wind, LLC	Dry Lots Wind	10/31/11	33	33	W	Herkimer, NY	Е	Schuyler - Whitesboro 46kV	NM-NG	7	1/31/18	FES, SRIS		2020/11	2020/10	2020/12
383	NRG Energy, Inc.	Bowline Gen. Station Unit #3	5/30/12	775	814	CC-NG	Rockland, NY	G	Ladentown Substation 345kV	O&R/ConEd	7	6/30/16	SRIS		2022/01		2022/06
386	Vermont Green Line Devco, LLC	Grand Isle Intertie	6/28/12	400	400	DC	Clinton, NY - VT	D	Plattsburgh 230kV-New Haven, VT 345kV	NYPA	6	11/30/18	FES, SRIS		2023	N/A	N/A
387	Cassadaga Wind, LLC	Cassadaga Wind	7/19/12	126	126	W	Chautauqua, NY	Α	Dunkirk - Moon Station 115 kV	NM-NG	10	7/31/18	FES, SRIS, FS	3	2020/05	2020/05	2020/12
393	NRG Berrians East Development, LLC	Berrians East Replacement	10/16/12	94.2	57	CT-D	Queens , NY	J	Astoria East Substation 138kV	CONED	10	12/31/18	FES, SRIS, FS	3	2022/05	2022/10	2023/02
396	Baron Winds, LLC	Baron Winds	11/30/12	300	300	W	Steuben, NY	С	Hillside - Meyer 230kV	NYSEG	10	7/31/18	FES, SRIS, FS	3	2020/05	2020/05	2020/12
396A	New York State Electric & Gas	Wood Street Transformer	12/14/12	N/A	N/A	AC	Putnam, NY	G	Wood St. 345/115kV	NYSEG	6	1/31/18	SIS		2021/12	N/A	N/A
401	Caithness Long Island II, LLC	Caithness Long Island II	3/22/13	599	632	CC-D	Suffolk, NY	K	Sills Road Substation 138kV	LIPA	8	9/30/18	SRIS		2022/04	2023/01	2023/05
421	EDP Renewables North America LLC	Arkwright Summit	11/1/13	78.4	78.4	W	Chautauqua, NY	Α	Dunkirk – Falconer 115 kV	NM-NG	9,14	3/31/19	SRIS				I/S
422	NextEra Energy Resources, LLC	Eight Point Wind Energy Center	11/7/13	101.2	101.2	W	Steuben-Allegany, NY	С	Bennett 115kV	NYSEG	10	7/31/18	FES, SRIS, FS	3	2020/07	2020/07	2020/12
429	Orange & Rockland	North Rockland Station	2/12/14	N/A	N/A	AC	Rockland, NY	G	Line Y88 345kV	ConEd	6	7/31/18	SIS		2021/06	N/A	N/A
430	H.Q. Energy Services U.S. Inc.	Cedar Rapids Transmission	3/5/14	N/A	N/A	AC	St. Lawrence, NY	D	Dennison - Alcoa 115kV	NM-NG	10	10/31/18	SIS, FS	10/2/2018	2020/12	N/A	N/A
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	12	7/31/18	SRIS, FS		2017/12		2020/03
445	Lighthouse Wind, LLC	Lighthouse Wind	6/30/14	201.3	201.3	W	Niagara, NY	Α	AES Somerset Substation 345kV	NYSEG	7	8/31/17	FES, SRIS		2020/08		2020/12
449	Stockbridge Wind, LLC	Stockbridge Wind	8/13/14	72.6	72.6	W	Madison, NY	Е	Whitman - Oneida 115kV	NM-NG	7	10/31/17	SRIS		2019/08		2019/12
458	TDI-USA Holdings, Inc.	CH Interconnection	10/24/14	1000	1000	DC	Quebec - NY, NY	J	Astoria Annex Substation 345kV	NYPA	9	11/30/18	FES, SRIS		2022/12	2022/12	2022/12
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	10,14	4/30/19	SRIS, FS				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	10,14	4/30/19	SRIS, FS				I/S
465	Hudson Transmission Partners	Hudson Transmission NY to PJM	12/15/14	675	675	DC/AC	New York, NY	J	W49th St 345kV - Bergen 230kV	ConEd	6	10/31/18	SRIS		2021/01	2021/05	2021/05
466	Atlantic Wind, LLC	Bone Run Wind	12/16/14	132	132	W	Cattaraugus, NY	Α	Falconer - Homer Hill 115kV	NM-NG	7	1/31/18	FES, SRIS		2021/11	2021/11	2021/12
467	Shoreham Solar Commons LLC	Shoreham Solar	12/22/14	25	25	S	Suffolk, NY	K	Ridge - Wildwood 69kV	LIPA	14	9/30/18	SRIS, FS				I/S
468	Apex Clean Energy LLC	Galloo Island Wind	12/30/14	110.4	110.4	W	Oswego, NY	С	Hammermill - Wine Creek 115kV	NM-NG	9	5/31/17	FES, SRIS		2019/10		2019/12
474	EDP Renewables North America	North Slope Wind	1/30/15	200	200	W	Franklin-Clinton, NY	D	Patnode 230kV	NYPA	7	3/31/17	FES, SRIS		2021/10		2021/10
477	Riverhead Solar Farm LLC	Riverhead Solar	2/18/15	20	20	S	Suffolk, NY	K	Edwards Substation 138kV	LIPA	12	4/30/19	FES, SIS, FS	3/16/2018	2019/04	2019/04	2019/05
487	LI Energy Storage System, LLC	Far Rockaway Battery Storage	3/9/15	20	20	ES	Suffolk, NY	K	Far Rockaway Substation 69kV	LIPA	5	4/30/19	FES, SIS		2020/10	2020/11	2020/12
494	Alabama Ledge Wind Farm LLC	Alabama Ledge Wind	3/31/15	79.8	79.8	W	Genesee, NY	Α	Oakfield - Lockport 115kV	NM-NG	9	5/31/17	SRIS		2020/07		2020/10
495	Mohawk Solar LLC	Mohawk Solar	4/2/15	98	98	S	Montgomery, NY	F	St. Johnsville - Marshville 115kV	NM-NG	7	9/30/18	FES, SRIS		2021/09	2021/10	2021/12
496	Renovo Energy Center, LLC	Renovo Energy Center	4/13/15	480	504	CC-NG	Chemung, NY - PA	С	Homer City - Watercure 345kV	NYSEG	9	11/30/17	FES, SRIS		2019/09		2020/06
497	Invenergy Wind Development LLC	Bull Run Wind	4/24/15	303.6	303.6	W	Clinton, NY	D	Patnode 230kV	NYPA	7	9/30/18	FES, SRIS				2022/12
498	ESC Tioga County Power, LLC	Tioga County Power	4/29/15	550	550	CC-NG	Chemung, NY - PA	С	Homer City - Watercure 345kV	NYSEG	8	7/31/18	FES, SRIS		2020/06		2021/05
505	RES America Developments Inc.	Ball Hill Wind	6/2/15	100	100	W	Chautauqua, NY	Α	Dunkirk - Gardenville 230kV	NM-NG	9	9/30/18	SRIS		2019/09	2019/09	2019/12
506	Empire State Connector Corp.	Empire State Connector	6/10/15	1000	1000	DC	Onondaga-New York, NY	C, J	Marcy - Gowanus 345kV	NYPA/NM-NG/ ConEd	5	1/31/19	FES		2021/10		2022/01
510	Bayonne Energy Center	Bayonne Energy Center II	8/3/15	120.4	129.4	CT-D	Bayonne, NJ	J	Gowanus Substation 345kV	ConEd	14	7/31/18	SRIS, FS				I/S
511	AG Energy, LP	Ogdensburg	9/4/15	79	90.1	CT-NG	St. Lawrence, NY	Ε	North Ogdensburg Substation	NM-NG	9	6/30/18	SRIS		I/S	2019/05	2019/06
512	Northbrook Lyons Falls	Lyons Fills Mill Hydro	9/11/15	2.5	2.5	Н	Lewis, NY	Е	Taylorville- Boonville 115 kV	NM-NG	9	6/30/18	SIS		2021/09	2021/09	2021/11
513	Orangeville Energy Storage LLC	Orangeville	9/21/15	20	20	ES	Wyoming, NY	С	Stony Creek 230kV	NYSEG	10	01/31/19	SIS, FS	1/29/2018	2020/10		2020/12
516	East Coast Power LLC	Linden Cogen Uprate	10/12/15	234.4	234.4	CT-NG	Linden, NJ-NY,NY	J	Linden Cogen 345kV	ConEd	9	5/31/17	SRIS		2020/05		2020/05
518	PPL Electric Utilities	Compass	10/27/15	N/A	N/A	AC	PA-Rockland, NY	G	Lackawanna - Ramapo 345kV	ConEd	5	1/31/18	FES		2023/12	N/A	N/A
519	Canisteo Wind Energy LLC	Canisteo Wind	11/2/15	290.7	290.7	W	Steuben, NY	С	Bennett 115kV	NYSEG	9	10/31/18	FES, SRIS		2020/09	2020/09	2020/12
520	EDP Renewables North America	Rolling Upland Wind	12/3/15	72.6	72.6	W	Madison, NY	Е	County Line - Brothertown 115kV	NYSEG	7	3/31/18	FES, SRIS		2019/07		2019/10

Queue			Date	SP	WP	Type/	Location		Interconnection			Last	Availability	FS Complete/	Proposed	Proposed	Proposed
Pos.	Owner/Developer	Project Name	of IR	(MW)	(MW)	Fuel	County/State	Z	Point	Utility	s	Update	of Studies	SGIA Tender	In-Service	Initial-Sync	COD
521	Invenergy NY, LLC	Bull Run II Wind	12/15/15	145.4	145.4	W	Clinton, NY	D	Patnode-Duley, Ryan-Platts 230kV	NYPA	7	11/30/18	FES, SRIS		2021/12		2022/12
522	NYC Energy LLC	NYC Energy	12/16/15	79.9	79.9	CT-NG	New York, NY	J	Hudson Avenue East 138kV	ConEd	7	7/31/18	FES, SRIS		2019/10		2019/10
523	Dunkirk Power LLC	Dunkirk Unit 2	12/17/15	75	75	ST-NG	Chautauqua, NY	Α	Dunkirk 115kV	NM-NG	8	7/31/18	SRIS		2020/01		2020/04
524	Dunkirk Power LLC	Dunkirk Unit 3 & 4	12/17/15	370	370	ST-NG	Chautauqua, NY	Α	Dunkirk 230kV	NM-NG	8	7/31/18	SRIS		2020/01		2020/04
526	Atlantic Wind, LLC	North Ridge Wind	12/23/15	100	100	W	St. Lawrence, NY	Е	Colton - Malone 115kV	NM-NG	7	1/31/18	FES, SRIS		2020/11	2020/11	2020/12
530	NextEra Energy Transmission New York, Inc.	Empire State Line	1/4/16	N/A	N/A	AC	Niagara-Erie, NY	Α	Dysinger - Stolle 345kV	NYPA/NYSEG	6	1/31/18	SIS		2020/05	N/A	N/A
531	Invenergy Wind Development LLC	Number 3 Wind Energy	1/11/16	105.8	105.8	W	Lewis, NY	Е	Taylorville - Boonville 115kV	NM-NG	9	10/31/18	FES, SRIS		2020/09	2020/09	2020/12
532	Invenergy Wind Development LLC	Allegany Wind	2/1/16	100	100	W	Allegany, NY	В	Freedom Substation	Village of Arcade	7	3/31/19	SRIS		2021/10	2021/10	2021/12
534	OneEnergy Development, LLC	Great Valley Solar	2/3/16	20	20	S	Washington, NY	F	Battenkill 34.5kV Substation	NM-NG	9	10/31/18	FES, SIS		2020/05	2020/06	2020/06
535	sPower Development Company, LLC	Riverhead Expansion	2/23/16	36	36	S	Suffolk, NY	K	Edwards Substation 138kV	LIPA NM-	7	11/30/18	FES, SRIS		2020/11		2020/12
537	NextEra Energy Transmission New York, Inc.	Segment A	4/25/16	N/A	N/A	AC	Oneida-Albany NY	E, F	Edic - New Scotland 345kV	NG/NYPA	5	1/31/18	None		2018/11	N/A	N/A
538	NextEra Energy Transmission New York, Inc.	Segment B	4/25/16	N/A	N/A	AC	Albany-Dutchess, NY	F, G	Greenbush - PV 345kV	NM-NG/NYSEG/ CHGE/ConEd	6	10/31/18	SIS		2024/06	N/A	N/A
539	NextEra Energy Transmission New York, Inc.	Segment B Alt	4/25/16	N/A	N/A	AC	Albany-Dutchess, NY	F, G	Greenbush - PV 345kV	NM-NG/NYSEG/ CHGE/ConEd	6	10/31/18	SIS		2024/06	N/A	N/A
540	AVANGRID	Connect NY Edic - PV	4/28/16	1000	1000	DC	Oneida-Dutchess, NY	E, G	Edic - PV 345kV	NM-NG/NYSEG/ ConEd	6	7/31/18	SIS		2020/12	N/A	N/A
541	AVANGRID	Connect NY Edic - Ramapo	4/28/16	1000	1000	DC	Oneida-Dutchess, NY	E, G	Edic - Ramapo 345kV	NM-NG/NYSEG/ O&R	6	10/31/18	SIS		2020/12	N/A	N/A
542	National Grid	Segment A Edic-New Scotland	5/4/16	N/A	N/A	AC	Oneida-Albany NY	E, F	Edic - New Scotland 345kV	NM-NG NM-NG/NYSEG/	5	1/31/18	None		2021/12	N/A	N/A
543	National Grid	Segment B Knickerbocker-PV	5/4/16	N/A	N/A	AC	Albany-Dutchess, NY	F, G	Greenbush - PV 345kV	CHGE/ConEd	6	10/31/18	SIS		2021/12	N/A	N/A
545	Sky High Solar, LLC	Sky High Solar	5/10/16	20	20	S	Onondaga, NY	С	Tilden -Tully Center 115kV	NM-NG	9	10/31/18	FES, SIS		2019/12	2019/11	2019/12
545A	NextEra Energy Transmission New York, Inc.	Empire State Line Alt	5/17/16	N/A	N/A	AC	Niagara-Erie, NY	Α	Dysinger - Stolle 345kV	NYPA/NYSEG	9	12/31/18	SIS		2022/06	N/A	N/A
546	Atlantic Wind, LLC	Roaring Brook Wind	5/19/16	78	78	W	Lewis, NY	Е	Chases Lake Substation 230kV	NM-NG	7	1/31/19	FES, SRIS		2020/11	2020/11	2020/12
556	North America Transmission, LLC	Segment A Double Circuit	7/6/16	N/A	N/A	AC	Oneida-Albany NY	E, F	Edic - New Scotland 345kV	NM-NG	6	10/31/18	SIS		2020/06	N/A	N/A
560	Atlantic Wind, LLC	Deer River Wind	7/8/16	100	100	W	Lewis, NY	Е	Black River-Lighthouse Hill 115kV	NM-NG	7	1/31/19	FES, SRIS		2020/11	2020/11	2020/12
561	Astoria Generating Company LP	Astoria Generating Unit 4	7/18/16	385	385	ST-D	New York, NY	J	Astoria West Substation 138 kV	ConEd	7	4/30/19	SRIS		2020/05	2020/05	2020/05
563	Double Lock Solar, LLC	Double Lock Solar	7/25/16	20	20	S	Herkimer, NY	Е	St. Johnsville - Marshville 115kV	NM-NG	7	12/31/18	SIS		2019/12	2019/11	2019/12
564	Rock District Solar, LLC	Rock District Solar	7/25/16	20	20	S	Schoharie, NY	F	Sharon - Cobleskill 69kV	NM-NG	7	12/31/18	SIS		2019/12	2019/11	2019/12
565	Tayandenega Solar, LLC	Tayandenega Solar	7/25/16	20	20	S	Herkimer, NY	Ε	St. Johnsville - Inghams 115kV	NM-NG	7	12/31/18	SIS		2019/12	2019/11	2019/12
566	New York Power Authority	MA 1 & 2 Rebuild	8/4/16	N/A	N/A	AC	St. Lawrence-Lewis, NY		Moses & Adirondack 230kV	NYPA	6	4/30/18	SIS		2022/12	N/A	N/A
570	Hecate Energy, LLC	Albany County	8/17/16	20	20	S	Albany, NY		Long Lane - Lafarge 115kV	NM-NG	9	4/30/19	SIS		2019/06		2019/06
571	Heritage Renewables, LLC	Heritage Wind	9/1/16	200.1	200.1	W	Genesee, NY	A	Lockport - Mortimer 115kV	NM-NG	7	10/31/18	FES, SRIS		2020/09		2020/12
572	Hecate Energy, LLC	Greene County I	9/6/16	20	20	S	Greene, NY	G	Coxsackie - North Catskill 69kV	CHGE	7	2/28/19	SIS		2020/12		2020/12
573	Hecate Energy, LLC	Greene County II	9/6/16	10	10	S	Greene, NY	G	Coxsackie Substation 13.8kV	CHGE	7	2/28/19	SIS		2020/12		2020/12
574	Atlantic Wind, LLC	Mad River Wind	9/16/16	450	450	W	Jefferson-Oswego, NY	С	Volney - Marcy 345kV	NM-NG	9	4/30/19	FES, SRIS		2021/11	2021/11	2021/12
575	Little Pond Solar, LLC	Little Pond Solar	9/16/16	20	20	S	Rockland, NY		Mongaup - Shoemaker 69kV	O&R ConEd	9	12/31/18	FES, SIS		2020/09	2020/10	2020/12
576	Astoria Generating Company LP	Astoria Generating Unit 4	9/16/16	385	385	ST-D	New York, NY	J	Astoria East Substation 138kV	CHGE	7	4/30/18	SRIS		2020/05	2020/05	2020/05
577	Greene County Energy Properties, LLC	Greene County Energy	9/20/16	20	20	S W	Greene, NY	G	New Baltimore - Coxsackie 69 kV	NYSEG	7 9	2/28/19	SIS		2020/12	2020/00	2020/12
579 500	Bluestone Wind, LLC	Bluestone Wind	9/21/16	124.2	124.2		Broome, NY	E	Afton - Stilesville 115kV Kintigh/Niagara - Rochester 345kV		6	12/31/18	FES, SRIS SIS		2020/09	2020/09	2020/12 NA
580 581	Genesee County Economic Devel. SED NY Holdings LLC	WNY STAMP Hills Solar	9/27/16 10/6/16	500 20	500 20	L S	Genesee, NY Herkimer, NY	A E	Fairfield - Inghams 115kV	NM-NG	7	12/31/18 4/30/19	FES		2020/06 2019/06	N/A 2019/06	2019/06
582	Sunny Knoll Solar LLC		10/6/16	20	20	S	Schoharie, NY	F	Cobleskill - Schoharie 69kV	NM-NG	7	12/31/18	SIS		2019/06	2019/06	2019/06
584	SED NY Holdings LLC	Sunny Knoll Solar Dog Corners Solar	11/2/16	20	20	S	Cayuga, NY	С	Aurora Substation 34.5kV	NYSEG	9	4/30/19	SIS		2019/12	2020/08	2019/12
586	SED NY Holdings LLC	Watkins Rd Solar	11/8/16	20	20	S	Herkimer, NY	E	Watkins Rd - Ilion 115kV	NM-NG	7	12/31/18	SIS		2019/06	2019/06	2019/06
589	Duke Energy Renewables Solar, LLC	North Country Solar	12/2/16	15	15	S	Lewis, NY	E	Boonville 46kV Substation	NM-NG	7	4/30/19	FES, SIS		2019/00	2020/09	2019/00
590	Duke Energy Renewables Solar, LLC	Scipio Solar	12/2/16	18	18	S	Cayuga, NY	_	Scipio 34.5kV Substation	NYSEG	9	9/30/18	SIS		2020/09	2019/09	2020/12
590	Geronimo Energy, LLC	High Top Solar	12/2/16	20	20	S	Wyoming, NY	В	South Perry 34.5kV Substation	NYSEG	7	4/30/19	SIS		2019/09	2019/09	2019/11
592	Duke Energy Renewables Solar, LLC	Niagara Solar	12/2/16	20	20	S	Wyoming, NY	В	Bennington 34.5kV Substation	NYSEG	9	9/30/18	SIS		2019/09	2019/00	2019/00
594	North Park Energy, LLC	NW Energy	12/2/16	60	60	ES	Wyoming, NY	В	Wethersfield Substation 230kV	NYSEG	7	4/30/19	SRIS		2019/03	20.0/00	2019/11
595	North Park Energy, LLC	SW Energy	12/29/16	100	100	ES	Cattaraugus, NY	A	Five Mile Rd Substation 115kV	NM-NG	7	3/31/19	FES, SRIS		2021/10		2013/12
596	Invenergy Wind Development LLC	Alle Catt II Wind	1/4/17	339.1	339.1	W	Cattaraugus, NY	Α		NM-NG	9	12/31/18	SRIS		2021/10	2021/10	2021/12
597	Hecate Energy, LLC	Greene County III	1/10/17	20	20	s	Greene, NY		North Catskill - Coxsackie 69kV	CHGE	7	2/28/19	SIS		2020/12		2020/12
	Hecate Energy, LLC	Albany County II	1/10/17	20	20	S	Albany, NY		Long Lane - Lafarge 115kV	NM-NG	7	01/31/19	SIS		2020/05	2020/05	2020/06
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Queue			Date	SP	WP	Type/	Location	_	Interconnection		_	Last	Availability	FS Complete/	Proposed	Proposed	Proposed
Pos.	Owner/Developer	Project Name	of IR	(MW)	(MW)	Fuel	County/State	Z	Point	Utility	S	Update	of Studies	SGIA Tender	In-Service	Initial-Sync	COD
	Woodruff Solar, LLC	Woodruff Solar	2/10/17	20	20	S	Livingston, NY		Golah - N. Lakeville 34.5KV	NM-NG	9	4/30/19	SIS		2019/12	2019/11	2019/12
612	Deepwater Wind South Fork, LLC	South Fork Wind Farm	2/14/17	96	96	W	Suffolk, NY		East Hampton 69kV	LIPA	9	4/30/19	SRIS		2022/08		2022/12
613	OneEnergy Development, LLC	Sugar Maple Solar	2/17/17	20	20	S	Herkimer, NY		Trenton Falls - Poland 46kV	NM-NG	7	4/30/19	FES, SIS		2020/10	2020/10	2020/10
617	North Park Energy, LLC	Watkins Glen Solar	3/27/17	50	50	S	Schuyler, NY	C	Bath - Montour Falls 115kV	NYSEG	9	12/31/18	SRIS		2020/07		2020/12
618	North Park Energy, LLC	High River Solar	3/27/17	90	90	S	Schenectady, NY	F	Stoner - Rotterdam 115kV	NM-NG	9	4/30/19	SRIS		2020/09	2020/10	2020/11
619	North Park Energy, LLC	East Point Solar	3/27/17	50	50	S	Schoharie, NY		Sharon - Marshville 69kV	NM-NG	9	4/30/19	SRIS		2020/09	2020/10	2020/12
620	North Park Energy, LLC	North Side Solar	3/27/17	180	180	S	St. Lawrence, NY		Massena - Moses 230kV	NYPA	7	4/30/19	FES, SRIS		2022/07		2022/12
621	Blue Stone Solar Energy, LLC	Saugerties Solar	3/27/17	20	20	S	Ulster, NY		Saugerties - Woodstock 69kV	CHGE	9	4/30/19	SIS		2019		2019
624	Franklin Solar, LLC	Franklin Solar	4/11/17	150	150	S	Franklin, NY		Malone 115kV Substation	NM-NG	7	9/30/18	SRIS		2020		2020
629	Silver Lake Solar, LLC	Silver Lake Solar	4/27/17	24.9	24.9	S	Wyoming, NY	B	South Perry 34.5kV Substation	NYSEG	7	4/30/19	FES, SRIS		2020		2020
631		NS Power Express	5/2/17	1000	1000	DC	Quebec - NY, NY		New Scotland, Astoria Annex 345kV	NM-NG/NYPA	7	1/31/19	SRIS		2021/12		2021/12
632	GridAmerica Holdings Inc.	Alps - Berkshire	5/4/17	N/A	N/A	AC	Rensselaer, NY-NE		Alps - Berkshire 345kV	NM-NG	6	2/28/19	SIS		2021/09	N/A	N/A
637	Flint Mine Solar LLC	Flint Mine Solar	6/29/17	100	100	S	Greene, NY		LaFarge - Pleasant Valley 115kV	NM-NG NM-NG	5	11/30/18	FES		2020/11	2020/10	2020/12
638	Empire State Land Holdings, LLC	Pattersonville	7/11/17	20	20	S	Montgomery, NY		Rotterdam - Meco 115kV	NM-	7	4/30/19	FES, SIS		2019/09	2019/11	2019/11
641	AVANGRID	Oakdale - Lafayette	7/24/17	N/A	N/A	AC	Broome-Onondaga, NY		Oakdale - Lafayette	NG/NYSEG NM-	4	1/31/18	None		N/A	N/A	N/A
642	AVANGRID	Jennison - Edic	7/24/17	N/A	N/A	AC	Chenango - Oneida, NY		Jennison - Edic Transmission Reinforcements	NG/NYSEG NM-	4	1/31/18	None		N/A	N/A	N/A
643	AVANGRID	Multiple Areas	7/24/17	N/A	N/A	AC	3.,	- /		NG/NYSEG NYSEG	4	1/31/18	None		N/A	N/A	N/A
644	, .	Columbia County 1	7/26/17	60	60	S	Columbia, NY		Craryville Substation 115kV	LIPA	5	11/30/18	FES		2019/09	2019/10	2019/12
649	CR Fuel Cell, LLC	Clare Rose	8/3/17	13.9	13.9	FC	Suffolk, NY		William Floyd Substation 69kV	LIPA	5 5	11/30/18	FES		2020/12		2020/12
650	BRT Fuel Cell, LLC	Brookhaven Rail Terminal	8/3/17	18.5	18.5	FC	Suffolk, NY		W. Yaphank - Yaphank 69kV	NYSEG	5 7	11/30/18	FES		2019/10	NI/A	2019/10
654 655	Renovo Energy Center LLC Admiral Wind LLC	Renovo Energy Center	8/11/17 8/11/17	N/A 20	N/A 20	AC W	Chemung, NY - PA Madison, NY	C C	Homer City - Mainsburg 345kV	NM-NG	5	1/31/19 11/30/18	SIS FES		2020/10 2020/03	N/A	N/A 2020/03
657	Mistral Wind LLC	Admiral Wind LLC Mistral Wind LLC	8/11/17			W	Genesee. NY		Oneida - Fenner 115kV Lockport - Batavia 115kV	NM-NG	5		FES				2020/03
666	Martin Rd Solar LLC	Martin Solar	9/14/17	20 20.0	20.0	S	Machias, NY	A	Arcade - Five Mile 115kV	NM-NG	9	11/30/18 4/30/19	SIS		2020/03 2019/12	2019/12	2020/03
667	Bakerstand Solar LLC	Bakerstand Solar	9/14/17	20.0	20.0	S	Cattaraugus, NY	A	Machias - Maplehurst 34.5kV	NM-NG	7	4/30/19	SIS		2019/12	2019/12	2020/01
668	North Bergen Liberty Generating, LLC	Liberty Generating Alternative	9/15/17	1171			New York, NY		West 49th St Substation 345kV	ConEd	9	4/30/19	SRIS		2023/04	2023/10	2021/10
669	SED NY Holdings LLC	Clay Solar	9/21/17	20.0	20.0	S	Clay, NY	С	Clay - Lockheed 115kV	NM-NG	5	11/30/18	FES		2019/08	2023/10	2019/08
670	SED NY Holdings LLC	Skyline Solar	9/21/17	20.0	20.0	S	Westmoreland, NY	E	Campus Rd - Clinton 46kV	NM-NG	5	1/31/19	FES		2019/08		2019/08
671	East Coast Power LLC	Linden Cogen Uprate	9/25/17	32.0			Linden, NJ-NY,NY		Linden Cogen 345kV	ConEd	7	10/31/18	SRIS		I/S	I/S	2019/05
678	LI Solar Generation, LLC	Calverton Solar Energy Center	10/26/17	22.9	22.9	S	Suffolk, NY	K	Edwards Substation 138kV	LIPA	5	12/31/18	None		2020/12	2020/10	2020/12
679		New York City Offshore Wind	11/7/17	1200	1200	W	Kings, NY	J	Farragut 345kV	ConEd	3	4/30/19	None		2025/07	2025/11	2025/12
680	•	Long Island Offshore Wind	11/7/17	700	700	W	Suffolk, NY		Ruland Rd. 138kV	LIPA	3	4/30/19	None		2025/07	2025/11	2025/12
682	Granada Solar, LLC	Grissom Solar	1/17/18	20	20	s	Johnstown, NY	F	Ephratah - Florida 115kV	NM-NG	5	4/30/19	FES		2020/05	2020/06	2020/07
683	KCE NY 2, LLC	KCE NY 2	1/18/18		200	ES	Montgomery, NY	G	Coldenham Substation 115kV	CHGE	7	3/31/19	SRIS		2020/08	2020/08	2020/09
684	ITC Lake Erie Connector, LLC	Lake Erie Connector	1/18/18		N/A	AC	Chautauqua, NY	Α		NM-NG	9	11/30/18	None		2023/03	N/A	N/A
686		Bull Run Solar Energy Center	1/26/18	170	170	S	Clinton, NY		Patnode - Duley 230kV	NYPA	5	11/30/18	None		2020/10	2020/10	2020/12
693	Renovo Energy Center, LLC	Renovo Energy Center Uprate	2/13/18			CC-NG	Chemung, NY - PA	С	Homer City - Mainesburg 345kV	NYSEG	7	4/30/19	SRIS		2020/10	2020/11	2021/04
694	Sunset Hill Solar, LLC	Sunset Hill Solar	2/16/18	20	20	S	Albany, NY	F	New Baltimore - Westerlo NW 69 I	CHGE	5	2/28/19	FES		2020/08	2020/07	2020/08
695	Deepwater Wind, LLC	South Fork Wind Farm II	2/16/18		40	W	Suffolk, NY	K	East Hampton 69kV	LIPA	5	11/30/18	None		2022/08	2022/09	2022/12
696	Eagle Creek Hydro Power, LLC	Swinging Bridge Unit 3	3/21/18	1.2	1.2	Н	Orange, NY	G	Swing Bridge 69 kV	O&R	10	4/30/19	None	6/20/2018	2019/07	2019/07	2019/07
697	Helix Ravenswood, LLC	Ravenswood Energy Storage 1	3/9/18	129	129	ES	Queens, NY	J	Rainey - Farragut 345kV	ConEd	5	1/31/19	None		2021/01	2020/10	2021/03
698	Helix Ravenswood, LLC	Ravenswood Energy Storage 2	3/9/18	129	129	ES	Queens, NY	J	Vernon-Rainey 138kV	ConEd	5	1/31/19	None		2021/01	2020/10	2021/03
699	Helix Ravenswood, LLC	Ravenswood Gas	3/9/18	238.5	243.8	CT-NG	Queens, NY	J	Rainey - Farragut 345kV	ConEd	5	1/31/19	None		2022/03	2022/01	2022/06
700	Able Grid Energy Solutions, LLC	Robinson Grid	3/13/18	300	300	ES	Kings, NY		Gowanus Substation 345kV	ConEd	5	4/30/19	FES		2020/10	2020/11	2020/12
	KCE NY 1, LLC	KCE NY 1	3/15/18	20	20	ES	Saratoga, NY	F	Luther - Forest Substation 34.5kV	NYSEG	14	3/31/19	None	6/20/2018	I/S	I/S	I/S
702	Anbaric Development Partners, LLC	Long Island Offshore AC	3/15/18	800	800	W	Suffolk, NY	K	Ruland Rd. 138kV	LIPA	3	4/30/19	None		2025/07	2025/11	2025/12
703	Anbaric Development Partners, LLC	New York City Offshore AC	3/15/18		800	W	Kings, NY	J	Farragut 345kV	ConEd	3	11/30/18	None		2025/07	2025/11	2025/12
704	Bear Ridge Solar, LLC	Bear Ridge Solar	3/20/18	100	100	S	Niagara, NY	Α	Swanee - Lockport 115kV	NM-NG	7	3/31/19	SRIS		2021/08	2021/09	2021/09
706	High Bridge Wind, LLC	High Bridge Wind	4/25/18	100.8	100.8	W	Chenango, NY	Е	E. Norwich - Jennison 115kV	NYSEG	5	12/31/18	None		2021/08	2021/09	2021/11
709	Alder Creek Solar, LLC	Alder Creek Solar	5/18/18	205.0	205.0	S	Oneida, NY	Е	Nirvana – Porter 230kV	NM-NG	4	4/30/19	None		2020/07	2020/07	2020/12

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Queue			Date	SP	WP	Type/	Location		Interconnection			Last	Availability	FS Complete		Proposed	Proposed
Pos.	Owner/Developer	Project Name	of IR	(MW)	(MW)	Fuel	County/State	Z	Point	Utility	S	Update	of Studies	SGIA Tender	In-Service	Initial-Sync	COD
710	Invenergy Solar Development North America LLC	Horseshoe Solar	5/29/18	180.0	180.0	S	Livingston, NY	Α	Golah Substation 115kV	NM-NG	4	4/30/19	None		2021/10	2021/10	2021/12
713	EDF Renewables Development, Inc.		6/1/18	20.0	20.0	S	Orange, NY		Hartley Substation 69kV	O&R	3	2/28/19	None		2021/10	2021/10	2021/11
714	EDF Renewables Development, Inc.	0,	6/1/18	20	20	S	Orange, NY		Shoemaker-Westtown 69kV	O&R	3	2/28/19	None		2021/10	2021/10	2021/11
715		Suffragette Solar Energy Center	6/1/18	20	20	S	Cayuga, NY	С	Hyatt Substation 34.5kV	NYSEG	4	2/28/19	FES		2021/10	2021/10	2021/11
716	•	Moraine Solar Energy Center	6/4/18	87.4	93.5	S	Allegany, NY	С	Moraine Substation 115kV	NYSEG	4	2/28/19	FES		2021/09	2021/09	2021/10
717	•	Morris Ridge Solar Energy Center	6/4/18	177	177	S	Steuben, NY		South Perry - Meyer 230kV	NYSEG	4	2/28/19	FES		2021/09	2021/09	2021/10
718	Cortland Energy Center, LLC	Cortland Energy Center	6/7/18	50	50	S	Cortland, NY	С	Cortland 115 kV	NM-NG	5	11/30/18	None		2022/08	2022/09	2022/11
719	East Light Energy Center, LLC	East Light Energy Center	6/7/18	40	40	S	Montgomery, NY	F	Meco - Rotterdam 115 kV	NM-NG	5	11/30/18	None		2022/08	2022/09	2022/11
720	North Light Energy Center, LLC	North Light Energy Center	6/7/18	80	80	S	Seneca, NY	С	Border City - Station 168 115 KV	NYSEG	5	11/30/18	None		2022/08	2022/09	2022/11
721	Excelsior Energy Center, LLC	Excelsior Energy Center	6/7/18	280	280	S	Genesee, NY	Α	N. Rochester-Niagara Falls 345 k\	NYPA	5	11/30/18	None		2022/06	2022/08	2022/11
722	Empire State Solar, LLC	Manchester Solar	6/7/18	20.0	20.0	S	Ontario, NY	В	Hook Rd - Elbridge 115kV	NM-NG	4	4/30/19	None		2020/09	2020/10	2020/12
730	Granada Solar, LLC	Easton Solar I	6/11/18	20	20	S	Washington, NY	F	Mohican - Luther Forest 115kV	NM-NG	5	1/31/19	FES		2019/10	2019/11	2019/12
731	Granada Solar, LLC	Easton Solar II	6/11/18	20	20	S	Washington, NY	F	Battenkill - Eastover 115kV	NM-NG	5	1/31/19	FES		2019/10	2019/11	2019/12
734	ELP Ticonderoga Solar LLC	Ticonderoga Solar	6/12/18	20	20	S	Essex, NY	F	Ticonderoga 115kV - Republic Line	NM-NG	5	1/31/19	FES		2019/10	2019/11	2019/12
735	ELP Stillwater Solar LLC	Stillwater Solar	6/12/18	20	20	S	Saratoga, NY	F	Luther Forest - Mohican 115kV	NM-NG	5	1/31/19	FES		2019/10	2019/11	2019/12
737	Equinor Wind US LLC	Empire Wind	6/12/18	816	816	W	New York, NY	J	Gowanus Substation 345kV	ConEd	5	11/30/18	None		2023/06	2024/02	2024/12
738	Equinor Wind US LLC	Empire Wind II	6/12/18	816	816	W	Suffolk, NY	K	Ruland Rd. Substation 138kV	LIPA	5	1/31/19	None		2023/06	2024/02	2024/12
739	Hecate Energy Cody Road LLC	Cody Road	6/12/18	19.9	19.9	W	Madison, NY	С	Fenner - Cortland 115kV	NM-NG	4	4/30/19	FES		2020/02	2020/02	2020/03
740	Oakdale Battery Storage LLC	Oakdale Battery Storage	6/18/18	120	120	ES	Broome, NY	Е	Oakdale Substation 115kV	NYSEG	5	2/28/19	None		2021/07	2021/05	2021/08
741	Bluestone Wind, LLC	Bluestone Battery Storage	7/2/18	10	10	ES	Broome, NY	Е	Afton - Stilesville 115kV	NYSEG	5	11/30/18	None		2020/08	2020	2020/11
742	Consolidated Edison Co. of NY, Inc.	Astoria Storage on Demand	7/5/18	1.5	1.5	ES	Queens, NY	J	BKR 21Q	Con Ed	5	1/31/19	None		2019/03	2019/04	2019/06
743	Invenergy Solar Development North America LLC	Hornell Solar	7/16/18	20	20	S	Steuben, NY	С	Bennett 34.5kV	NYSEG	5	11/30/18	None		2020/10	2020/10	2020/12
744	Granada Solar, LLC	Magruder Solar	7/18/18	20	20	S	Ulster, NY	G	East Walden - Modena 115kV	CHGE	5	1/31/19	None		2020/11	2020/11	2020/12
745	Energy Storage Resources, LLC	Huckleberry Ridge Energy	7/25/18	100	100	ES	Orange, NY	G	Shoemaker-Westtown 69kV	O&R	5	1/31/19	None		2022/3	2022/03	2022/04
746	Energy Storage Resources, LLC	Peconic River Energy Storage	7/30/18	150	150	ES	Suffolk, NY	K	Brookhaven - Sills 138kV	LIPA	5	1/31/19	None		2022/03	2022/03	2022/04
748	Granada Solar, LLC	Grissom II Solar	8/9/18	20	20	S	Fulton, NY	F	Market Hill - Johnstown 69kV	NM-NG	5	4/30/19	None		2020/05	2020/06	2020/07
750	Calpine Mid Atlantic Development, LLC	Bethpage Storage	8/14/18	50	50	ES	Nassau, NY	K	Grumman Substation 69kV	LIPA	2	1/31/19	None		2021/01	2021/03	2021/06
751	Calpine Mid Atlantic Development, LLC	· ·	8/14/18	50	50	ES	Suffolk, NY	K	8MR Substation 69kV	LIPA	2	1/31/19	None		2021/01	2021/03	2021/06
754	Anbaric Development Partners, LLC	New York Ocean Grid - Canal	8/20/18	800	800	W	Suffolk, NY	K	Canal Substation 138kV	LIPA	3	4/30/19	None		2025/07	2025/11	2025/12
755	*	New York Ocean Grid - Shoreham	8/20/18	800	800	W	Suffolk, NY	K	Shoreham Substation 138kV	LIPA	3	4/30/19	None		2025/07	2025/11	2025/12
756	Rising Solar, LLC	Rising Solar II	8/24/18	20	20	S	Orange, NY	G	Sugarloaf Substation - 69kV	O&R	5	1/31/19	None		2019/10	2019/10	2019/10
758	Sithe/Independence Power Partners, L	•	9/6/18	9			Oswego, NY		Sithe 345kV Substation	NM-NG	5	1/31/19	None		I/S	I/S	I/S
759	KCE NY 6, LLC	KCE NY 6	9/6/18	20	20	ES	Erie, NY	Α	Gardenville - Bethlehem Steel Wind 115k\	NM-NG	5	1/31/19	None		2019/11	2019/12	2019/12
760	New York Power Authority	Moses-Adirondack	9/7/18	N/A	N/A	AC	St. Lawrence-Lewis, NY	,	Moses - Adirondack 230kV	NYPA	5	4/30/19	None		2020/12	N/A	N/A
762	Invenergy Storage Development LLC		9/17/18	75	75	ES	Suffolk, NY		Calverton - Riverhead 69kV	LIPA	3	2/28/19	None		2021/10	2021/10	2021/12
763	Invenergy Solar Development LLC	Cicero Solar	9/25/2018	10	10	ES	Onondaga, NY		Pine Grove Substation 13.2kV	NM-NG	5	2/28/19	None		2020/10	2020/10	2020/12
764	Bay State Wind LLC	NY Wind Canal	9/28/2018	440	440	W	Suffolk, NY	K	Canal Substation 138kV	LIPA	4	1/31/19	None		2023/01	2023/05	2024/01
765	•	NY Wind Brookhaven	9/28/2018	880	880	W	Suffolk, NY		Brookhaven 138kV	LIPA	4	12/31/18	None		2023/01	2023/05	2024/01
766	Bay State Wind LLC	NY Wind Holbrook	9/28/2018	880	880	W	Suffolk, NY	K	Holbrook 138kV	LIPA	2	11/30/18	None		2023/01	2023/05	2024/01
767	Bay State Wind LLC	NY Wind Gowanus	9/28/2018	1200	1200	W	New York, NY	J	Gowanus Substation 345kV	ConEd	2	11/30/18	None		2023/01	2024/04	2024/05
768	Granada Solar, LLC	Janis Solar	10/1/2018	20	20	S	Broome, NY		Willet 34.5kV	NYSEG	5	1/31/19	None		2020/09	2020/09	2020/10
769	New York Power Authority	North County Energy Storage	10/5/2018	20	20	ES	Franklin, NY		Willis Substation 115kV	NYPA	4	11/30/18	None		2020/04	2020/04	2020/04
770	KCE NY8 LLC	KCE NY 8a	10/9/2018	20	20	ES	Greene, NY		South Cairo Substation 13.2kV	CHGE	5	2/28/19	None		2020/05		
771	Mistral Wind LLC	Mistral Wind Alternative	10/10/18	20	20	W	Genesee, NY		N. Akron - Attica 34.5 kV	NM-NG	3	4/30/19	None		2020/03	2020/04	2020/05
774	•	Tracy Solar Energy Centre	10/18/18	119	119	S	Jefferson, NY		Thousand Island - Lyme 115kV	NM-NG	5	4/30/19	None		2022/12	2022/12	2023/01
775	Puckett Solar, LLC	Puckett Solar	10/23/18	20	20	S	Chenango, NY	E	Chenango Forks Substation 34.5kV	NYSEG	5	4/30/19	None		2020/03	2020/03	2020/04
776	Greenidge Generation LLC	Greenidge Load	10/22/18	N/A	N/A	L	Yates, NY		Greenidge 115kV	NYSEG	4	11/30/18	None		2019	N/A	N/A
777	Community Energy Solar, LLC	White Creek Solar	11/1/18	135	135	S	Livingston, NY			RG&E	5	4/30/19	None		2021/12	2021/11	2021/12
778	Astoria Generating Company LP	Gowanus Gas Turbine Facility Repowering		549	588	NG	Kings, NY	J	Gowanus Substation 345kV	ConEd	5	4/30/19	None		2022/11	2022/2	2022/05
779	Hecate Energy Gedney Hill LLC	Gedney Hill Solar	11/9/18	20	20	S	Albany, NY	G	New Baltimore - Westerlo 69kV	CHGE	3	4/30/19	None		2020/03	2020/03	2020/04

Queue			Date	SP	WP	Type/	Location		Interconnection				Availability	FS Complete/	Proposed	Proposed	Proposed
	Owner/Developer	Project Name	of IR	(MW)	(MW)	Fuel	County/State	z	Point	Utility	s	Last Update	-	SGIA Tender		Initial-Sync	COD
780	Hecate Energy Johnstown LLC	Johnstown Solar	11/9/18	20	20	S	Schenectady, NY		Stoner - Rotterdam 115kV	NM-NG	4	2/28/19	None		2020/03	2020/03	2020/04
781	New York Power Authority	Marcy South SSR Detection	12/3/18	N/A	N/A	AC	Delaware, NY		Fraser - Annex 345 kV Substation	NYPA	5	4/30/19	None		2019	N/A	N/A
782	Invenergy Solar Development North America LLC	,	12/4/18	20	20	ES	Steuben, NY	С	Bennett 34.5kV	NYSEG	5	4/30/19	None		2020/10	2020/10	2020/12
783	ConnectGen Chautauqua County LLC	South Ripley Solar	12/7/18	270	270	S	Chautaugua, NY	Α	South Ripley Substation 230kV	NM-NG	3	4/30/19	None		2022/09	2022/09	2022/11
784	High Bridge Wind, LLC	High Bridge Battery	12/11/18	5	5	ES	Chenango, NY	Е	Collector System of Q#706	NYSEG	5	4/30/19	None		2021/09	2021/10	2021/12
785	ConnectGen Erie-Wyoming LLC	Erie-Wyoming County Solar	12/12/18	175	175	s	Wyoming, NY	С	Stolle Road - High Sheldon 230kV	NYSEG	2	1/31/19	None		2022/09	2022/09	2022/11
786	Ravenswood Development, LLC	Ravenswood Development	12/20/18	187	187	ES	Queens, NY	J	Rainey - Farragut 345kV	ConEd	5	4/30/19	None		2021/01	2020/10	2021/03
787	Levy Grid, LLC	Levy Grid, LLC	12/20/18	150	150	ES	Erie, NY	Α	Gardenville Subsation 115kV	NYSEG	4	2/28/19	None		2021/04	2021/04	2021/05
788	Atlantic Shores Offshore Wind Project	Atlantic Shores Offshore Wind 7	1/14/19	880	880	W	Nassau, NY	K	East Garden City 345kV Substation	LIPA	2	2/28/19	None		2025/06	2025/08	2025/12
789	Atlantic Shores Offshore Wind Project	Atlantic Shores Offshore Wind 8	1/14/19	880	880	W	Kings, NY	J	Gowanus Substation 345kV	ConEd	4	2/28/19	None		2025/06	2025/08	2025/12
790	Atlantic Shores Offshore Wind Project	Atlantic Shores Offshore Wind 9	1/14/19	880	880	W	Richmond, NY	J	Fresh Kills 345kV	ConEd	4	2/28/19	None		2025/06	2025/08	2025/12
791	Danskammer Energy LLC	Danskammer Energy Center	1/14/19	84.4	88.9	CT	Orange, NY	G	Danskammer 115kV Substation	CHGE	5	2/28/19	None		2023/03	2022/12	2023/03
792	Anbaric Development Partners, LLC	Long Island Offshore Wind Connection	1/29/19	300	300	W	Suffolk, NY	K	Ruland Road 138kV Substation	LIPA	4	4/30/19	None		2025/07	2025/11	2025/12
793	esVolta, LP	Ladybug Energy Storage	2/6/19	75	75	ES	Westchester, NY	- 1	Sprainbrook Substation	ConEd	2	4/30/19	None		2021/03	2021/04	2021/06
794	esVolta, LP	Bluebird Energy Storage	2/6/19	40	40	ES	Westchester, NY	- 1	Dunwoodie Substation	ConEd	2	4/30/19	None		2021/03	2021/04	2021/06
795	esVolta, LP	Appleseed Energy Storage	2/6/19	50	50	ES	Greene, NY	G	Leeds Substation	CHGE	2	4/30/19	None		2021/03	2021/04	2021/06
800	EDF Renewables Development, Inc.	Rich Road Solar Energy Center	2/20/19	240	240	S	St. Lawrence, NY	Е	Moses - Adirondack 230kV	NYPA	2	4/30/19	None		2024/11	2024/12	2024/12
801	Prattsburgh Wind, LLC	Prattsburgh Wind Farm	2/21/19	147	147	W	Steuben, NY	С	Meyer - Hillside 230kV	NYSEG	2	4/30/19	None		2022/10	2022/11	2022/12
802	EDF Renewables Development, Inc.	Bunker Solar Energy Center	3/6/19	125	125	ES	Franklin, NY	Е	Willis Substation 115kV	NYSEG	1	4/30/19	None		2023/11	2023/12	2023/12
803	Yonkers Grid, LLC	Yonkers Grid, LLC	3/11/19	200	200	ES	Westchester, NY	- 1	Dunwoodie - 138 kV Bus	ConEd	1	3/31/19	None		2022/04	2022/04	2022/05
805	Oxbow Hill Solar, LLC	Oxbow Hill Solar	3/22/19	140	140	S	Madison, NY	Е	Whitman - Fenner Wind 115kV	NM-NG	2	4/30/19	None		2022/08	2022/09	2022/09
806	SED NY Holdings LLC	Perth Solar	3/25/19	20	20	S	Schenectady, NY	F	Stoner - Rotterdam 115kV	NM-NG	1	4/30/19	None		2021/10	2021/11	2021/11
807	SED NY Holdings LLC	Fogarty Solar	3/28/19	20	20	S	Rensselaer, NY	F	Battenkill - North Troy 115kV	NM-NG	1	4/30/19	None		2021/10	2021/11	2021/11
812	Diamond Generating Corporation	Beth 200 Wind	4/3/19	200	200	W	Erie, NY	Α	Beth Substation 115kV	NM-NG	1	4/30/19	None		2023/12	2023/12	2023/12
813	Diamond Generating Corporation	Beth 300 Wind	4/3/19	300	300	W	Erie, NY	Α	Beth Substation 115kV	NM-NG	1	4/30/19	None		2023/12	2023/12	2023/12
814	Diamond Generating Corporation	Dun 300 Wind	4/3/19	300	300	W	Chautauqua, NY	Α	Dunkirk Substation 230kV	NM-NG	1	4/30/19	None		2023/12	2023/12	2023/12

Number of new projects during April	24
Number of new projects year to date	44
Number withdrawn during April	12
Number withdrawn year to date	17

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.

DPS/State - SIR Interconnection Queue (for Projects not subject to the NYISO process):

http://www3.dps.ny.gov/W/PSCWeb.nsf/All/286D2C179E9A5A8385257FBF003F1F7E?OpenDocument

PUBLIC NYISO-Interconnection-Queue-04-30-2019

Updated: 4/30/2019

[•] 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 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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Queue			Date of	SP	WP	Type/	Location					Last	Availability	Proposed	In-Service
Pos.	Owner/Developer	Project Name	IR	(MW)	(MW)	Fuel	County/State	Z	Interconnection Point	Utility	s	Update	of Studies	Original	Current
5	Sithe Energies	Torne Valley Station	1/28/99	860					Ramapo	CONED	0			Withdrawn	
6	Sunset Energy Fleet LLC	Sunset Energy Fleet	2/17/99	520					Gowanus	CONED	0			Withdrawn	
7	American National Power	Ramapo Energy	2/23/99	1100					Ramapo	CONED	0			Withdrawn	
8	Columbia Electric Corp.	Grassy Point	2/23/99	1100					West Haverstraw	CONED	0			Withdrawn	
9	Millennium Power Gen Co. LLC	Millennium 1	2/23/99	160					Hell Gate/Bruckner	CONED	0			Withdrawn	
10	Millennium Power Gen Co. LLC	Millennium 2	2/23/99	320					Hell Gate/Bruckner	CONED	0			Withdrawn	
13	East Coast Power, LLC	Linden 7	3/25/99	100		ST-NG	Richmond, NY-N	J J	Goethals 345kV	CONED	0	7/10/08		Withdrawn	
15	AEP Resources Service Corp.	CT-LI AC Tie-line	4/13/99	600					Shoreham, Long Island	LIPA	0			Withdrawn	
16	Oak Point Property, LLC	Oak Point Yard	4/15/99	500		CC-NG	Bronx, NY	J	Hell Gate/Bruckner 138kV	CONED	0	7/10/08		Withdrawn	
19	NYC Energy LLC	NYC Energy LLC	5/7/99	79.9		CT-NG	Kings, NY	J	Kent Ave 138kV	CONED	0	9/30/10		Withdrawn	
20	KeySpan Energy, Inc.	Spagnoli Road CC Unit	5/17/99	250		CC-NG	Suffolk, NY	K	Spagnoli Road 138kV	LIPA	0	3/1/12		Withdrawn	
21	KeySpan Energy, Inc.	Shoreham Gen Station	5/17/99	250					Shoreham	LIPA	0			Withdrawn	
22	Calpine Eastern Corporation	Wawayanda Energy Center	6/10/99	500		CC-NG	Orange, NY		Coop Corn-Rock Tav Lines 345kV	NYPA	0	6/26/06		Withdrawn	
24	Reliant Energy	Astoria Repowering-Phase 1	7/13/99	367		CC-NG	Queens, NY		Astoria 138kV	CONED	0	8/9/06		Withdrawn	
23	Calpine Eastern Corporation	Sullivan County Power Project	6/25/99	1080		CC-NG	Sullivan, NY		Coop Corn-Rock Tav Lines 345kV	NYPA	0	3/06		Withdrawn	
26	Twin Tier Power, LLC	Twin Tier Power	8/20/99	520					Watercure-Oakdale 31 Line	NYSEG	0			Withdrawn	
27	ENRON	Far Rockaway Barge	9/8/99	60					Far Rockaway	LIPA	0			Withdrawn	
28	KeySpan Energy, Inc.	Spagnoli Road GT Unit	9/8/99	79.9					Spagnoli Road	LIPA	0			Withdrawn	
29	Mirant	Bowline Point Unit 3	10/13/99	750		CC-NG	Rockland, NY		W. Haverstraw 345kV	CONED	0	7/10/06		Withdrawn	
30	Sithe Energies	Heritage Station	10/29/99	800					Independence (Oswego)	NM-NG	0			Withdrawn	
3 <u>2</u>	American National Power	Brookhaven Energy	11/22/99	580		CC-NG	Suffolk, NY		Holbrook-Brookhaven 138kV	LIPA	0			Withdrawn	
33	Glenville Energy Park, LLC	Glenville Energy Park	11/30/99	540		CC-NG	Schenectady, NY	F	Rotterdam 230kV	NM-NG	0	7/10/08		Withdrawn	
34	York Research Corp.	North First Street	1/11/00	500			-		Con Ed System	CONED	0			Withdrawn	
35	Gotham Power Zerega, LLC	Gotham Power - Bronx I	1/12/00	79.9		CT-NG	Bronx, NY	J	Parkchester/Tremont 138kV	CONED	0	7/10/08	Mater	ial change to re	equest
36	Boundless Energy, LLC	Project Neptune DC NB-NYC	1/21/00	1200		DC	Kings, NY	J	Farragut 345kV	CONED	0	7/10/08	Mate	rial change to re	equest
37	Caithness Energy, LLC	Kitchen	1/28/00	750					Riverh'd-Brookh'n-Holb'k	LIPA	0			Withdrawn	
38	KeySpan Energy, Inc.	Far Rochaway Gen Ext.	2/1/00	79					Far Rockaway	LIPA	0			Withdrawn	
39	KeySpan Energy, Inc.	E. F. Barrett Gen Ext	2/1/00	79					Barrett	LIPA	0			Withdrawn	
40	KeySpan Energy, Inc.	Riverhead Gen Station	2/1/00	79					Riverhead	LIPA	0			Withdrawn	
41	KeySpan Energy, Inc.	Southampton Gen Ext.	2/1/00	79					Southampton	LIPA	0			Withdrawn	
4 2	PP&L Global, Inc.	Holbrook Energy	2/1/00	300					Holbrook	LIPA	0			Withdrawn	
43	PP&L Global, Inc.	PPL Kings Park	2/1/00	300					Pilgrim	LIPA	0			Withdrawn	
44	PP&L Global, Inc.	Ruland Energy	2/1/00	300					Ruland Road	LIPA	0			Withdrawn	
45	PP&L Global, Inc.	Freeport Energy	2/1/00	100					Freeport	LIPA	0			Withdrawn	
46	PP&L Global, Inc.	Brookhaven Energy	2/3/00	300					Brookhaven	LIPA	0			Withdrawn	
47	GenPower, LLC	GenPower DC Tie-line	2/9/00	800					West 49th Sreet	CONED	0			Withdrawn	
48	PP&L Global, Inc.	PPL Kings Park Ext.	2/10/00	300					Pilgrim	LIPA	0			Withdrawn	
49	PP&L Global, Inc.	Brookhaven Energy Ext.	2/10/00	300					Brookhaven	LIPA	0			Withdrawn	
50	AES Long Island, LLC	AES Smithtown Gen	2/10/00	510					LIPA System	LIPA	0			Withdrawn	
51	KeySpan Energy, Inc.	Wading River Gen Ext.	2/15/00	150					Wading River	LIPA	0			Withdrawn	
52	NIMO/Black River Power	Fort Drum Gen Exp.	3/6/00	50					Fort Drum	NM-NG	0			Withdrawn	
53	TransEnergie US, Ltd	CT-Ruland, LI DC Tie	3/7/00	300					Ruland Road	LIPA	0			Withdrawn	
54	TransEnergie US, Ltd	CT-Pilgrim, LI DC Tie	3/7/00	300					Pilgrim	LIPA	0			Withdrawn	
56	1st Rochdale Coop Group	Gotham Power/Brooklyn	3/17/00	79					Kent Ave	CONED	0			Withdrawn	
58	Mirant	Lovett #3 Repowering	3/23/00	180					Lovett	CONED	0			Withdrawn	
59	Mirant	Hillburn Unit #2	3/23/00	79.9					Hillburn	CONED	0			Withdrawn	
60	Mirant	Hillburn #2 Conversion	3/23/00	40					Hillburn	CONED	0			Withdrawn	
61	GTM Energy, LLC	Greenpoint Energy Park	4/19/00	500					Rainey-Farragut Lines	CONED	0			Withdrawn	
62	Project Orange Associates, LP	Project Orange	5/8/00	420					Temple St.	NM-NG	0			Withdrawn	
63	Lewis Staley Associates, Inc.	LSA Station A	5/11/00	650					Homer City-Stolle Rd Line	NYSEG	0			Withdrawn	
64	Lewis Staley Associates, Inc.	LSA Station B	5/12/00	600					Dunkirk-Gardenville Line	NM-NG	0			Withdrawn	

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Queue			Date of	SP	WP	Type/	Location					Last	Availability	Proposed	In-Service
Pos.	Owner/Developer	Project Name	IR	(MW)	(MW)	Fuel	County/State	z	Interconnection Point	Utility	s	Update	of Studies	Original	Current
65	Fortistar-Lockport Merchant	Lockport II Gen Station	5/15/00	79.9	` '		Niagara, NY	Α	Harrison Station 115kV	NYSEG	0	7/10/08		Withdrawn	
67	Titan Development, LLC	Wallkill Energy	6/21/00	1080		01110	Magara, M		Coop Corn-Rock Tav Lines	NYPA	0	1710/00		Withdrawn	
68	PP&L Global. Inc.	Ruland Energy Ext.	6/23/00	300					Ruland Road	LIPA	0			Withdrawn	
70	Reliant Energy	Astoria Repowering-Phase 2	8/18/00	173		CT-NG	Queens, NY		Astoria 138kV	CONED	0	8/9/06		Withdrawn	
71	Mill Creek Wind Plant, LLC	Mill Creek Wind Plant	9/8/00	50					Lowville	NM-NG	0	0, 0, 0 0		Withdrawn	
72	Fortistar Power Marketing, LLC	Island Gen. Station	9/8/00	79.9					Fresh Kills	CONED	0			Withdrawn	
73	Fortistar Power Marketing, LLC	Island Gen. Station #2	9/8/00	500					Fresh Kills	CONED	0			Withdrawn	
74	FPL Energy, LLC	Oceanside Energy Center	10/10/00	330					Barrett	LIPA	0			Withdrawn	
75	1st Rochdale Coop Group	Gotham Power - Bronx II	10/17/00	79					Hell Gate/Bruckner	CONED	0			Withdrawn	
76	Calpine Eastern Corporation	Waterford	10/30/00	530		CT-NG	Saratoga, NY		NM-NG 230 or 115 kV	NM-NG	0	3/06		Withdrawn	
77	Titan Development, LLC	Dover Energy	11/17/00	1000			3 ,		Pl. Valley-Long Mt. Tie-Line	CONED	0			Withdrawn	
78	KeySpan Ravenswood	Ravenswood Repower Ph I	12/4/00	440					Vernon	CONED	0			Withdrawn	
86	NRG/ Berrians I GT Power, LLC	Berrians GT Replacement	1/15/01	79.9					Astoria	CONED	0			Withdrawn	
87	Titan Development, LLC	Buchanan Energy	2/26/01	500					Buchanan	CONED	0			Withdrawn	
88	Titan Development, LLC	Halfmoon Energy	2/26/01	500					Rotterdam-Bear Swamp line	NM-NG	0			Withdrawn	
89A	Atlantic Energy, LLC	Neptune DC PJM-NYC	3/15/01	600					W49th St	CONED	0			Withdrawn	
89B	Atlantic Energy, LLC	Neptune DC PJM-NYC	3/15/01	600					W49th St	CONED	0			Withdrawn	
90	Fortistar, LLC	Fortistar VP	3/20/01	79.9		CT-NG	Richmond, NY	J	Fresh Kills 138kV	CONED	0	5/27/09		Withdrawn	
91	Fortistar, LLC	Fortistar VAN	3/20/01	79.9		CT-NG	Richmond, NY	J	Goethals/Fresh Kills 138kV	CONED	0	5/27/09		Withdrawn	
92	Amerada Hess Corp.	Redhook Energy	5/1/01	79.9					ConEd 138 kV (tbd)	CONED	0			Withdrawn	
93	In-City I, LLC	Cross Hudson Project	5/11/01	550		CC-NG	New York, NY-NJ		W49th Street 345kV	CONED	0	8/23/07		Withdrawn	
96	Calpine Eastern Corporation	CPN 3rd Turbine, Inc. (JFK)	5/29/01	45		CT-NG	Queens, NY	J	Jamaica 138kV	CONED	0	7/10/08		Withdrawn	
97	NYSEG Solutions	South Glens Falls Expansion	6/15/01	40					Mohican-Butler#18 line	NM-NG	0			Withdrawn	
98	TransEnergie US Ltd.	PJM-New York City HVDC	6/22/01	990					W49th St and/or Farragut	CONED	0			Withdrawn	
100	Titan Development, LLC	Blooming Grove Power	7/2/01	500					Rock Tavern-Ramapo line	CONED	0			Withdrawn	
101	Northeast Utilities Service Co.	NU CT-LI HVDC Cable	7/13/01	660					Shore Road	LIPA	0			Withdrawn	
102	Entergy Power Gen. Corp.	Indian Point Energy Center	7/23/01	400		CT-NG	Westchester, NY		Buchanan 345kV	CONED	0			Withdrawn	
103	Pegasus Trans. Co., Ltd.	Niagara Reinforcement Inter.	8/15/01	1200		DC	Oneida - NY, NY		Marcy, Edic, Porter - W49th St.	NYPA/NM/CE	0		Mater	al change to re	equest
104	PG&E/Liberty Gen. Co., LLC	Jupiter PJM-NYC Cable	8/24/01	1200					W49th St or Farragut	CONED	0			Withdrawn	
105	Calpine Eastern Corporation	Titan Smith Street	10/5/01	79.9		CT-NG	Kings, NY		Gowanus 138 or 345 kV	CONED	0	3/06		Withdrawn	
106	TransGas Energy, LLC	TransGas Energy	10/5/01	1100		CC-NG	Kings, NY	J	E13St, Rainey, or Farragut-345k\	CONED	0	3/1/12		Withdrawn	
108	Sempra Generation	SE Long Island	11/29/01	575		CT-NG	Suffolk, NY		Shoreham-Holbrook lines 138kV	LIPA	0			Withdrawn	
109	Calpine Eastern Corporation	Maspeth	1/25/02	79.9					Vernon-Glendale line	CONED	0			Withdrawn	
110	PG&E/Liberty Gen. Co., LLC	Liberty Generation	2/4/02	400		CT-NG	Richmond, NY-NJ		Goethals 345kV	CONED	0	3/06		Withdrawn	
111	River Hill Power Co., LLC	River Hill Project	2/5/02	290			Chemung, NY-PA	С	Homer City-Watercure 345kV	NYSEG	0	7/10/08		Withdrawn	
112	TransEnergie US Ltd.	PJM-Rainey HVDC	4/9/02	660			Queens, NY-NJ		Rainey 345kV	CONED	0	5/31/06		Withdrawn	
113	Windfarm Prattsburgh, LLC	Prattsburgh Wind Park	4/22/02	55.5		W	Yates, NY	С	Eelpot Rd-Flat St. 115kV	NYSEG	0	3/31/10		Withdrawn	
114	Global Winds Harvest, Inc.	Cherry Valley Wind Park	4/22/02	40.5					East Springfield	NYSEG	0			Withdrawn	
116	PG&E/Liberty Gen. Co., LLC	Liberty Gen Co, LLC	4/29/02	600					Goethals	CONED	0			Withdrawn	
117	Chautauqua Windpower, LLC	Chautauqua Windpower	5/14/02	50		W	Chautauqua, NY		Dunkirk-S. Ripley 230kV	NM-NG	0	3/27/07		Withdrawn	
118	Global Winds Harvest, Inc.	Prattsburgh Wind Park II	5/15/02	75					Eelpot Rd-Flat St. line	NYSEG	0			Withdrawn	
119	ECOGEN, LLC	Prattsburgh Wind Farm	5/20/02	78.2		W	Yates, NY	С	Eelpot Rd-Flat St. 115kV	NYSEG	0	10/31/13		Withdrawn	
120	ECOGEN, LLC	Springwater Wind Farm	5/20/02	79.5		OT 116	IC NIV		Eelpot Rd	NYSEG	0			Withdrawn	
124	Bay Energy, LLC	Bay Energy Project	7/1/02	79.9			Kings, NY		Gowanus 138kV	CONED	0	E /0 / /0 C		Withdrawn	
126	TransEnergie US Ltd.	PJM-Newbridge Rd HVDC	9/10/02	350		DC	Nassau, NY-NJ		Newbridge Road 138kV	LIPA	0	5/31/06		Withdrawn	
127	KeySpan Energy for LIPA	Northport-Norwalk Upgrade	9/19/02	150		161	Mar Process ARY	_	Northport	LIPA	0	4/04/44		Withdrawn	
127A	Airtricity Munnsville Wind Farm, LLC	Munnsville	10/9/02	6		W	Madison, NY	Е	46kV line	NYSEG	0	1/31/14		Withdrawn	
130	Electrotek Concepts, Inc.	Grace Corona Generation	1/14/03	79.9					Corona	CONED	0			Withdrawn	
137	Conjunction, LLC	Empire Connection DC	6/16/03	2000		^~	Casasa Dut-les- And	_	N. Scotland/Leeds, ConEd	NM/CONED	0	7/10/00		Withdrawn	
140	National Grid	Leeds-PV Reconductoring	8/26/03	N/A			Greene-Dutchess, NY	G	Leeds/Athens-Pl. Valley 345kV	NM-NG	0	7/10/08		Withdrawn	
141A	Atlantic Renewable Energy Corp.	изнор	9/9/03	23.1		W	Livingston, NY		Springwater 34.5kV line	NYSEG	0			Withdrawn	

	1	1													
Queue			Date of	SP	WP	Type/	Location					Last	Availability	Proposed	In-Service
Pos.	Owner/Developer	Project Name	IR	(MW)	(MW)	Fuel	County/State	Z	Interconnection Point	Utility	S	Update	of Studies	Original	Current
142	EC&R Northeast, LLC	Steuben Wind	10/30/03	50		W	Steuben, NY	С	Bennett-Palmiter 115kV line	NYSEG	0	6/4/10		Withdrawn	
147	NY Windpower, LLC	West Hill Windfarm	4/16/04	31.5		W	Madison, NY	С	Oneida-Fenner 115kV	NM-NG	0	8/31/12		Withdrawn	
148	Trigen Nassau Gen Co., LLC	Trigen-Nassau	5/18/04	79.9					Uniondale Substation	LIPA	0			Withdrawn	
150	Reunion Power, LLC	Cherry Valley Wind Power	6/17/04	70		W	Otsego, NY	Ε	Marshville - Sharon 69kV	NM-NG	0	3/31/10		Withdrawn	
151	Con Edison	West Side Switching Station	6/30/04	N/A		AC	New York, NY	J	West 49th St & Farragut 345kV	CONED	0	3/31/11		Withdrawn	
152	Moresville Energy LLC	Moresville Energy Center	7/23/04	99	99	W	Delaware, NY	Е	Axtell Road-Grand Gorge 115kV	NYSEG	0	6/30/11		Withdrawn	
154	KeySpan Energy for LIPA	Holtsville-Brentwood-Pilgrim	8/19/04	N/A	N/A	AC	Suffolk, NY	K	Holtsville & Pilgrim 138kV	LIPA	0	2/28/17		Withdrawn	
155	Invenergy NY, LLC	Canisteo Hills Windfarm	9/17/04	148.5		W	Steuben, NY	С	Bennett-Bath 115kV	NYSEG	0	3/1/12		Withdrawn	
157	BP Alternative Energy NA, Inc.	Orion Energy NY I	10/12/04	100	100	W	Herkimer, NY	Е	Watkins RdInghams 115kV	NM-NG	0	3/1/12		Withdrawn	
158	Orion Energy, LLC	Orion Energy NY II	10/12/04	100	100	W	Montgomery, NY		Inghams-Meco 115kV	NM-NG	0	1/06		Withdrawn	
159	Orion Energy, LLC	Orion Energy NY III	10/12/04	150			Clinton, NY		TBD	NYSEG	0			Withdrawn	
160	Jericho Rise Wind Farm, LLC	Jericho Rise Wind Farm	10/12/04	79.2	79.2		Franklin, NY	D	Willis 115 kV	NYPA	0	4/30/11		Withdrawn	
162	AES Somerset, LLC	Niagara Windpower	12/15/04	70		W	Niagara, NY	_	Somerset Switch Yard	NYSEG	0	8/05		Withdrawn	
163	Clipper Windpower Dev. Co. Inc.	•	1/13/05	100	100	W	Steuben, NY	С	Bath-Montour Falls 115kV	NYSEG	0	8/19/08		Withdrawn	
164	FPL Energy	Long Island Offshore Wind	1/28/05	140	140	W	Suffolk, NY		Sterling Substation	LIPA	0	2/26/08		Withdrawn	
165	UPC Wind Management, LLC	Genesee Wind Farm	1/31/05	500	500	W	Genesee, NY	_	Batavia Substation 115kV	NM-NG	0	11/05	Mater	ial change to re	equest
166	Cape Vincent Wind Power, LLC	St. Lawrence Wind Farm	2/8/05	75.9	75.9	W	Jefferson, NY	Е	Rockledge Substation 115kV	NM-NG	0	2/28/14		Withdrawn	
167	AES New York Wind, LLC	St. Lawrence Wind Farm II	2/8/05	80	400	W	Jefferson, NY	0	Lyme Substation	NM-NG	0	6/05		Withdrawn	
168 169	Dairy Hills Wind Farm, LLC	Dairy Hills Wind Farm Alabama Ledge Wind Farm	2/8/05 2/8/05	120 79.8	120 79.8	W	Wyoming, NY	C B	Stolle RdMeyer 230kV	NYSEG NM-NG	0	3/1/12 6/1/12		Withdrawn Withdrawn	
170	Alabama Ledge Wind Farm, LLC Machias Wind Farm, LLC	Machias Wind Farm	2/8/05	79.0	90	W	Genesee, NY Cattaraugus, NY	ь	Oakfield-Lockport 115kV Homer Hill-Gardenville 115kV	NM-NG	0	10/11/06		Withdrawn	
176	Noble Environmental Power, LLC			129	129	W	Wyoming, NY		Arcade Substation 115kV	Village of	0	7/18/06		Withdrawn	
178	Noble Allegany Windpark, LLC	Allegany Windpark	2/14/05	100.5	100.5	W	Cattaraugus, NY	Α	Freedom Substation 115kV	Arcade Village of	0	6/28/10		Withdrawn	
179	Noble Environmental Power, LLC	• • •	2/14/05	100.5	100.5	W	Franklin, NY		Nicholville-Malone 115kV	Arcade NYSEG	0	2/5/09		Withdrawn	
180	Invenergy Wind, LLC	Buffalo Rd. Wind Farm	2/23/05	165	165	W	Wyoming, NY	_	Stolle RdMeyer 230kV	NYSEG	0	1/9/07		Withdrawn	
180A	Green Power	Cody Rd	3/17/05	10	10	W	Madison, NY	С	Fenner - Cortland 115kV	NM-NG	0	2/28/17		Withdrawn	
181	Everpower Global	Cold Spring Wind	3/21/05	69.3	10	W	Cattaraugus, NY	Ŭ	Falconer-Homer Hill 115kV	NM-NG	0	9/05		Withdrawn	
183	Invenergy Wind, LLC	Buffalo Rd. Wind Farm II	3/28/05	165	165		Wyoming, NY		Batavia 115kV	NYSEG/NM-NG	0	12/05		Withdrawn	
184	Invenergy Wind, LLC	Ripley Hill	3/28/05	75.9		W	Onondaga, NY		Town of Spafford	NYSEG/NM-NG	0	8/05		Withdrawn	
186	Jordanville Wind, LLC	Jordanville Wind	4/1/05	80	80	W	Herkimer, NY	Е	Porter-Rotterdam 230kV	NM-NG	0	9/30/11		Withdrawn	
187	North Slope Wind Farm, LLC	North Slope Wind	4/5/05	109.5	109.5	W	Clinton, NY	D	Willis-Plattsburgh 230kV	NYPA	0	2/5/09		Withdrawn	
188	NY Windpower, LLC	Orangeville Wind	4/5/05	96		W	Wyoming, NY		115kV	NYSEG	0	8/05		Withdrawn	
189	Atlantic Wind, LLC	Horse Creek Wind	4/8/05	126	126	W	Jefferson, NY	Ε	Coffeen St-Thousand Island 115k'	NM-NG	0	4/30/14		Withdrawn	
190	PPM Energy, Inc.	Mixer Road Wind	4/8/05	66	66	W	Jefferson, NY		West Adams 115kV	NM-NG	0	10/11/06		Withdrawn	
191	New York Regional	New York Regional	5/13/05	1200	1200	DC	Oneida-Orange NY	E, G	Edic - Rock Tavern	NM-NG/CH	0	4/8/09		Withdrawn	
192	Orion Energy, LLC	Orion Livingston	5/17/05	75	75	W	Livingston, NY		Stolle RdMeyer 230kV	NYSEG	0	1/06		Withdrawn	
193	Orion Energy, LLC	Orion Wyoming	5/17/05	60	60	W	Wyoming, NY		South Perry 115kV	NYSEG	0	1/9/07		Withdrawn	
194	Calpine Energy Services	Bayonne	5/26/05	300	300		New York, NY		World Trade Center 138kV	CONED	0	2/06		Withdrawn	
195	Brookfield Power US	Harbor Cable Project II	6/14/05	200	200	DC	Richmond, NY - NJ	J	Goethal 345kV	CONED	0	7/31/09		Withdrawn	
196	Roaring Brook Windpower, LLC	Roaring Brook	7/1/05	79.9	79.8	W	Lewis, NY		Adirondak-Porter 230kV	NM-NG	0	7/10/06		Withdrawn	
197	PPM Roaring Brook, LLC / PPM	Roaring Brook Wind	7/1/05	78	78	W	Lewis, NY		Boonville-Lowville 115kV	NM-NG	0	4/30/16		Withdrawn	
198	Arkwright Summit Wind Farm, LLC	Arkwright Summit Wind Farm		79.8	79.8	W	Chautauqua, NY	Α	Dunkirk-Falconer 115kV	NM-NG	0	9/30/13		Withdrawn	
200	Cavallo Power	Linden Power I	8/16/05	845	915	CC	NY, NY - Union, NJ		Goethal Substation	CONED	0	2/06		Withdrawn	
201	NRG Energy	Berrians GT	8/17/05	200			Queens, NY	J	Astoria West Substation 138kV	CONED	0	7/31/15		Withdrawn	
202	Liberty Generating Co.	130 MW Uprate	8/25/05	130			NY, NY - Union, NJ		Goethal 345kV	CONED	0	3/06		Withdrawn	
203	GenWy Wind, LLC	GenWy Wind Farm	10/21/05	478.5	478.5		Genesee, NY		Stolle Rd - Homer City 345kV	NYSEG	0	3/31/10		Withdrawn	
20 4	Clipper Windpower Dev. Co. Inc.	•	10/27/05	150	150		Steuben, NY		Avoca - Hillside 230kV	NYSEG	0	8/19/08		Withdrawn	
204A	Duer's Patent Project, LLC	Beekmantown Windfarm	10/31/05	19.5	19.5		Clinton, NY	D	Kents Falls - Sciota 115kV	NYSEG	0	3/31/13		Withdrawn	
207	Cape Vincent Wind Power, LLC	Cape Vincent	1/12/06	209.3	209.3		Jefferson, NY	Е	Rockledge Substation 115kV	NM-NG	0	2/28/14		Withdrawn	
208	CRC Development, LLC	Roundhouse Renewable	1/17/06	35			Otsego, NY		City of Oneonta	NYSEG	0	9/25/06		Withdrawn	
209	SUEZ Energy Generating NA, Inc.	Nassau Generating	2/10/06	88	100	СТ	Nassau, NY		Garden City Substation 138kV	LIPA	0	7/10/07		Withdrawn	

Queue			Date of	SP	WP	Type/	Location					Last	Availability	Proposed	In-Service
Pos.	Owner/Developer	Project Name	IR	(MW)	(MW)	Fuel	County/State	z	Interconnection Point	Utility	s	Update	of Studies	Original	Current
210	Canadian Niagara Power, Inc.	Fortran	3/14/06	150	150	AC	Niagara, NY	Α	Huntley Station 115kV	NM-NG	0	3/31/10		Withdrawn	
213	Noble Environmental Power, LLC	Ellenburg II Windfield	4/3/06	21	21	W	Clinton, NY	D	Willis-Plattsburgh WP-2 230kV	NYPA	0	4/30/13		Withdrawn	
215	Noble Burke Windpark, LLC	Noble Burke Windpark	4/3/06	120	120	W	Franklin-Clinton, NY	D	Willis Substation 230kV	NYPA	0	2/5/09		Withdrawn	
217	AES Keystone Wind, LLC	Cherry Flats	6/6/06	90	90	W	Tioga, PA	С	Homer City-Watercure 345kV	NYSEG	0	12/22/08		Withdrawn	
218	Gamesa Energy USA	Endless Mountain Wind-	7/3/06	150	150	W	Tioga - Bradford, PA		Homer City-Watercure 345kV	NYSEG	0	7/27/06		Withdrawn	
219	NRG Energy, Inc.	Huntley	7/12/06	752	752	CC-C	Niagara, NY	Α	Tonawanda	NM-NG	0	12/22/08		Withdrawn	
220	AES Keystone Wind, LLC	Armenia Mountain I	7/19/06	175	175	W	Bradford, PA	С	Homer City-Watercure 345kV	NYSEG	0	8/19/08		Withdrawn	
221	AES Keystone Wind, LLC	Armenia Mountain II	7/19/06	75	75	W	Bradford, PA	С	Homer City-Watercure 345kV	NYSEG	0	4/8/09		Withdrawn	
222	Ball Hill Windpark, LLC	Ball Hill Windpark	7/21/06	90	90	W	Chautauqua, NY	Α	Dunkirk-Gardenville 230kV	NM-NG	0	11/30/13		Withdrawn	
223	Noble Environmental Power, LLC	Arkwright Windpark	7/21/06	99	99	W	Chautauqua, NY		Dunkirk-Falconer 115kV	NM-NG	0	3/12/07		Withdrawn	
224	NRG Energy, Inc.	Berrians GT II	8/23/06	50	90	CC-NG	Queens , NY	J	Astoria West Substation 138kV	CONED	0	7/31/15		Withdrawn	
224B	Casella Waste Systems	Chemung Landfill	9/5/06	6.4	6.4	M	Chemung, NY	С	115kV	NYSEG	0	4/15/08		Withdrawn	
225A	Schenectady International, Inc.	SII Rotterdam Junction	9/8/06	9.3	9.3	Wo	Rotterdam, NY	F	69kV	NM-NG	0	8/31/10		Withdrawn	
225B	Burrstone Energy	Faxton/ St. Luke	9/15/06	2.2	2.2	NG	Herkimer, NY	Е	TBD	NM-NG	0	7/10/08		Withdrawn	
226	Cavallo Power	Linden	9/8/06	1200	1200	CC	NY, NY - Union, NJ		East 13th, West 49th	CONED	0	11/14/06		Withdrawn	
227	EC&R Northeast, LLC	Orleans Wind	9/28/06	120	120	W	Orleans, NY	Α	Shelby Substation - 115kV	NM-NG	0	10/14/08		Withdrawn	
227A	Laidlaw Energy Group Inc.	Laidlaw Energy & Env.	10/30/06	7	7	Wo	Cattaraugus, NY	Α	13.2kV	NM-NG	0	5/31/13		Withdrawn	
228	AES Bainbridge, LLC	Jennison	10/30/06	516	536	С	Chenango, NY		TBD	NYSEG	0	4/24/07		Withdrawn	
229	AES Somerset 2, LLC	Somerset	11/1/06	687	706	С	Niagara, NY		Somerset Substation 345kV	NYSEG	0	3/27/07		Withdrawn	
230	Cornell University	Cornell CHPP	11/2/06	30	30	NG			Maple Ave. Substation 115kV		0	11/21/06		Withdrawn	
231	Seneca Energy II, LLC	Seneca	11/2/06	6.4	6.4	M	Seneca, NY	С	Goulds Substation 34.5kV	NYSEG	0	4/30/12		Withdrawn	
235	Gamesa Energy USA, LLC	Canfield Wind	12/12/06	120	120	W	Tioga - Bradford, PA		Homer City-Watercure 345kV	NYSEG	0	10/16/07		Withdrawn	
236	Gamesa Energy USA, LLC	Dean Wind	12/14/06	150	150	W	Tioga - Schuyler, NY	С	Watercure-Oakdale 345kV	NYSEG	0	4/30/11		Withdrawn	
237	Allegany Wind, LLC	Allegany Wind	1/9/07	72.5	72.5	W	Cattaraugus, NY	Α	Homer Hill – Dugan Rd. 115kV	NM-NG	0	2/28/15		Withdrawn	
238	Tonawanda Creek Wind, LLC	Tonawanda Creek Wind	1/30/07	75	75	W	Genesee, NY	Α	Lockport – Batavia 115kV	NM-NG	0	7/31/09		Withdrawn	
239	Western Door Wind, LLC	Western Door Wind	1/30/07	100	100	W	Yates, NY	С	Greenidge – Haley Rd. 115kV	NYSEG	0	1/30/12		Withdrawn	
239A	Innovative Energy System, Inc.	Modern Innovative Plant	1/31/07	6.4	6.4	M	Niagara, NY	Α	Youngstown - Sanborn 34.5kV	NM-NG	0	4/30/13		Withdrawn	
240	Noble Environmental Power, LLC	Farmersville Windpark	2/26/07	100	100	W	Cattaraugus, NY-PA	Α	Stolle Rd - Farmer's Valley 345kV	NM-NG	0	7/31/09		Withdrawn	
241	Noble Chateaugay Windpark II, LLC	Chateaugay II Windpark	3/15/07	19.5	19.5	W	Franklin, NY	D	Chateaugay Substation 34.5kV	NYSEG	0	8/31/12		Withdrawn	
242	RG&E	Brown's Race Uprate	4/9/07	6	6	Н	Monroe, NY		Brown's Race Substation	NYSEG	0	6/5/07		Withdrawn	
243	Astoria Energy, LLC	Astoria Uprate	4/12/07	100	230	CC-NG	Queens, NY	J	Astoria East Substation 138kV	ConEd	0	3/31/10		Withdrawn	
244	AES Bainbridge, LLC	Jennison	4/13/07	650	650	С	Chenango, NY		Oakdale – Fraser 345kV	NYSEG	0	3/20/08		Withdrawn	
246	PPM Energy, Inc	Dutch Gap Wind	6/1/07	250	250	W	Jefferson, NY	Е	Indian River - Black Rive 115kV	NM-NG	0	03/01/12		Withdrawn	
247	RG&E	Russell Station	6/11/07	300	325		Monroe, NY	В	Russell Station 115kV	RG&E	0	4/30/12		Withdrawn	
248	RG&E	Russell Station II	6/11/07	300	300	С	Monroe, NY		Russell Station 115kV	NYSEG	0	10/2/07		Withdrawn	
249	Hess Corporation	Bayone Energy Center II	6/20/07	250	250	D	Bayonne, NJ		Gowanus Substation 138kV	ConEd	0	10/2/07		Withdrawn	
252	Brookfield Power	Manhattan Cable	8/1/07	350	350	DC	New York, NY	J	World Trade Center 138 kV	ConEd	0	7/10/08		Withdrawn	
253	Marble River, LLC	Marble River SPS	8/13/07	TBD	TBD	AC	Clinton, NY	D	Moses-Willis-Plattsburgh 230kV	NYPA	0	6/30/12		Withdrawn	
25 4	Ripley-Westfield Wind LLC	Ripley-Westfield Wind	8/14/07	124.2	124.2	W	Chautauqua, NY	A	Ripley - Dunkirk 230kV	NM-NG	0	3/1/12		Withdrawn	
255	In-City, LLC	Cross Hudson	8/23/07	550	550	CC-NG	,	J	W49th Street 345kV	ConEd	0	7/1/08		Withdrawn	
256	Niagara Shore Winds, LLC	Niagara Shore Wind	9/4/07	70.5	70.5	W	Niagara, NY	A	Somerset Switch Yard 345kV	NYSEG	0	3/31/10		Withdrawn	
257 25 8	RG&E	Brown's Race Uprate	9/12/07	124.0	124.0	H W	Monroe, NY	В	Beebee Station 34kV	RG&E	0	3/31/11		Withdrawn	
	Babcock & Brown, LP	Ripley-Westfield Wind II	9/24/07 9/24/07	124.8 1	124.8 1		Chautauqua, NY		Ripley - Dunkirk 230kV TBD	NM-NG NYSEG	0	1/20/08		Withdrawn	
259	Delaware County Electric	Delaware County Landfill		105		M CT NG	Delaware, NY				0	1/29/08		Withdrawn	
261 262	Astoria Generating Company RP Wind NY, LLC	South Pier Improvement Schoharie Highlands	10/2/07	105 70	70	W W	Kings, NY Schoharie, NY		Gowanus 138kV 69kV	ConEd NM-NG	0	3/1/12 5/12/09		Withdrawn Withdrawn	
262 264	RG&E	Seth Green	10/5/07 10/23/07	2.8	2.8	H	Monroe, NY		11kV	RG&E	0	3/31/14		Withdrawn	
264 266	NRG Energy, Inc.	Berrians GT III	11/28/07	2.0 250			Queens, NY		Astoria Annex 345kV	NYPA	0	6/30/15		Withdrawn	
265	CityGreen Transmission	CityGreen	11/16/07	200	1100	DC	Wsch'r/Bkln/Qns, NY		Millwood - Farragut/Rainey 345kV	ConEd	0	3/31/10		Withdrawn	
267	Winergy Power, LLC	Winergy NYC Wind Farm	11/30/07	600	600	W	New York, NY		Gowanus Substation 345kV	ConEd	0	7/31/12		Withdrawn	
268	NRG Energy, Inc.	Arthur Kill	12/7/07	800	800.0	CC	New York, NY		Gowanus Substation	ConEd	0	7/31/12		Withdrawn	
200	Taxo Enorgy, mo.	, a a ran	TZ/1/UI	500	000.0	00	THOU TOIN, INT	J	Comando Gabatation	COLLU	J	1/10/00		** inidiawii	

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Queue			Date of	SP	WP	Type/	Location					Last	Availability	Proposed	In-Service
Pos.	Owner/Developer	Project Name	IR	(MW)	(MW)	Fuel	County/State	Z	Interconnection Point	Utility	S	Update	of Studies	Original	Current
269	WM Renewable Energy, LLC	Madison County Landfill	12/10/07	2	2.0	M	Madison, NY		Canastota	NM-NG	0	1/29/08		Withdrawn	
270	Wind Development Contract Co LLC	Hounsfield Wind	12/13/07	244.8	244.8	W	Jefferson, NY	Е	Fitzpatrick - Edic 345kV	NYPA	0	7/31/16		Withdrawn	
271	State Line Wind Power LLC	State Line Wind	12/20/07	124.8	124.8	W	Chautauqua, NY	Α	South Ripley - Dunkirk 230kV	NM-NG	0	10/31/11		Withdrawn	
272	NYPA	Benchmark Generator	12/20/07	900	1080	CT-ST	Queens, NY	J	Astoria 345kV	NYPA	0	4/8/09		Withdrawn	
273	Winergy Power, LLC	Winergy Long Island Wind	12/21/07	299	299	W	Suffolk, NY	K	Sterling Substation	LIPA	0	7/10/08		Withdrawn	
274	In City I, LLC	PSEG Fossil Bergen Unit 2	1/23/08	100	100	CC-NG	New York, NY-NJ	J	W49th Street 345kV	ConEd	0	7/10/08		Withdrawn	
275	Shell Wind Energy Inc.	Cayuga County Wind	1/24/08	120	120	W	Cayuga, NY	С	Milliken - Wright Ave. 115kV	NYSEG	0	4/8/09		Withdrawn	
277	UniStar Nuclear Energy	Nine Mile Point Station Unit #3	2/4/08	1640	1660	NU	Oswego, NY	С	Scriba Substation 345kV	NM-NG	0	12/22/09		Withdrawn	
278	Riverbank Power Corporation	Riverbank Power A	2/20/08	1000	1000	PS	Niagara, NY	Α	Niagara - Rochester 345kV	NYPA	0	6/24/09		Withdrawn	
279	Riverbank Power Corporation	Riverbank Power D1	2/20/08	1000	1000	PS	St. Lawrence, NY	Е	Massena 765kV	NYPA	0	3/31/10		Withdrawn	
280	Riverbank Power Corporation	Riverbank Power D2	2/20/08	1000	1000	Н	St. Lawrence, NY	_	Massena 765kV	NYPA	0	10/14/08		Withdrawn	
281	Riverbank Power Corporation	Riverbank Power G	2/20/08	1000	1000	PS	Rockland, NY	G	West Haverstraw 345kV	ConEd/O&R	0	11/30/10		Withdrawn	
282	Concord Wind Power LLC	Concord Wind	2/28/08	101.2	101.2	W	Chautauqua, NY	Α	Dunkirk - South Ripley 230kV	NM-NG	0	5/31/11		Withdrawn	
283	Riverbank Power Corporation	Riverbank Power J	3/3/08	1000	1000	Н	Queens, NY	J	Poletti Substation 345kV	NYPA	0	4/15/08		Withdrawn	
285	Machias Wind Farm, LLC	Machias I	3/27/08	79.2	79.2	W	Cattaraugus, NY	Α	Gardenville - Homer Hill 115kV	NM-NG	0	6/30/12		Withdrawn	
286	Machias Wind Farm, LLC	Machias II	3/27/08	199.5	199.5	W	Cattaraugus, NY	Α	345kV	NYSEG	0	4/8/09		Withdrawn	
287	Horizon Wind Energy, LLC	Pomfret	3/27/08	73.5	73.5	W	Chautauqua, NY	Α	Dunkirk - Falconer 115kV	NM-NG	0	9/30/10		Withdrawn	
288	Chateaugay River Wind Farm, LL	• •	3/31/08	120	120	W	Franklin, NY	_	Willis Substation 230kV	NYPA	0	2/5/09		Withdrawn	
290	National Grid	Paradise	4/3/08	N/A	N/A	AC	Niagara, NY	Α	Paradise Station 115kV	NM-NG	0	3/31/11		Withdrawn	
291	Long Island Cable, LLC	LI Cable - Phase 1	4/14/08	440	440	W	Suffolk, NY	K	Ruland Road 138kV	LIPA	0	7/31/12		Withdrawn	
292	Long Island Cable, LLC	LI Cable - Phase 2a	4/14/08	220	220	W	Suffolk, NY	K	Ruland Road 138kV	LIPA	0	7/31/12		Withdrawn	
293	Long Island Cable, LLC	LI Cable - Phase 2b	4/14/08	280	280	W	Suffolk, NY	K	Ruland Road 138kV	LIPA	0	12/22/08		Withdrawn	
295	CCH Holdings Group, LLC	Cross Hudson II	5/6/08	800	800	AC	New York, NY-NJ		West 49th St. Substation 345kV	ConEd	0	6/1/12		Withdrawn	
296	Noble Environmental Power, LLC	3	5/12/08	100.5	100.5	W	Clinton-Ellenburg, NY		Lyon Mt - Willis 115kV	NYSEG	0	7/31/09		Withdrawn	
297	Ashford Wind Farm, LLC	Ashford Wind	5/16/08	19.9	19.9	W	Cattaraugus, NY		Otto-West Valley 34.5kV	NM-NG	0	3/31/10		Withdrawn	
298	TCI Renewable, LLC	Leicester Wind	5/22/08	57	57	W	Livingston, NY		Highbank - Mortimer 115kV	NYSEG	0	8/31/10		Withdrawn	
299	Erie Boulevard Hydropower	Great Bend	6/3/08	14.4	14.4	Н	Jefferson, NY	E	Deferiet 115 kV substation	NM-NG	0	4/8/09		Withdrawn	
300	Auburn Public Power Agency	Auburn Sewage Treatment	6/26/08	3	3	14/	Onondaga, NY	C	Auburn, NY	NYSEG	0	10/14/08		Withdrawn	
301	Hamlin Wind, LLC	Hamlin Wind Farm	7/15/08	80	80	W	Monroe, NY	A	West Hamlin 115kV	NM-NG	0	3/31/10		Withdrawn	
302	Barre Wind, LLC	Barre Wind Farm	7/15/08	120	120	W	Orleans, NY	A	Lockport - Mortimer 115 KV	NM-NG	0	12/22/08		Withdrawn	
303 304	Invenergy Thermal Devel., LLC	Tioga County Energy Clay HVDC	7/17/08	620 2000	700 2000	CT DC	Tioga, NY	С	Oakdale - Watercure 345kV	NYSEG	0	4/8/09		Withdrawn	
	Transmission Developers Inc.	•	7/18/08 7/18/08	2000	1000	DC	New York, NY	J	Clay to Farragut 345kV	NM-NG/ConEd	0	8/28/08 1/31/17		Withdrawn	
305 306	TDI-USA Holdings Corporation Transmission Developers Inc.	Champlain Hudson Power Express Clay HVDC	7/18/08	2000	2000	DC	Quebec - NY, NY	-	Astoria Annex Substation 345kV Clay 345kV - Sherman Creek 138 kV	NYPA	0	11/30/11		Withdrawn Withdrawn	
307	New York Wire, LLC	New York Wire-Phase 1	7/29/08	2000	550	DC	Onondaga/New York, NY NJ - Kings, NY	U, J	Gowanus Substation 345kV	NM-NG/ConEd ConEd	0	7/31/12		Withdrawn	
309	AP Dutchess Properties Inc.	Wingdale Energy Center	9/11/08	650			Dutchess, NY	G	Pleasant Valley - Long Mt.	ConEd	0	5/12/09		Withdrawn	
310	Cricket Valley Energy Center, LLC			1019.9			Dutchess, NY	G	Pleasant Valley - Long Mt. 345kV		0	12/31/14		Withdrawn	
311	New York State Electric & Gas	Concord Casino	9/24/08	48.0	48.0	1	Sullivan, NY	E	Coopers Corner - Rock Hill	NYSEG	0	4/30/13		Withdrawn	
312	RP Wind NY, LLC	Gateway Wind Energy	9/25/08	79.2	79.2	W	Schenectady, NY	F	Princetown - Rotterdam	NM-NG	0	4/8/09		Withdrawn	
313	Atlantic Wind, LLC	Stone Church Wind	9/30/08	150	150	W	St. Lawrence, NY	-	Mc Intyre Substation 115 kV	NM-NG	0	3/31/11		Withdrawn	
314	Riverbank Power Corporation	Oswego	10/7/08	1000	1000	PS	Oswego, NY	C	Oswego complex 345kV	NM-NG	0	6/24/09		Withdrawn	
315	CRC Renewables. LLC	Onondaga Renewables	10/23/08	47	47	Wo	Onondaga, NY	C	Geres Lock 115kV	NM-NG	0	1/30/12		Withdrawn	
316	State Line Wind Power, LLC	State Line Wind II	10/31/08	124.8	124.8	W	Chautauqua, NY		Dunkirk - South Ripley 230kV	NM-NG	0	10/28/09		Withdrawn	
319	AES Energy Storage, LLC	Cayuga Energy Storage	12/3/08	20	20	ES	Onondaga, NY		Milliken 115kV	NYSEG	0	6/1/12		Withdrawn	
320	AES Energy Storage, LLC	Somerset Energy Storage	12/3/08	20	20	ES	Niagara, NY		Somerset 69kV	NYSEG	0	6/1/12		Withdrawn	
321	Monroe County	Monroe County Landfill	1/2/09	6.4	6.4	M	Monroe, NY		Sanford Rd.	NM-NG	0	9/30/09		Withdrawn	
322	Rolling Upland Wind Farm, LLC	Rolling Upland Wind	1/13/09	59.9	59.9	W	Madison, NY		County Line - Brothertown 115kV	NYSEG	0	8/31/14		Withdrawn	
323	Riverbank Power Corporation	Verplanck	1/23/09	1000	1000	PS	Westchester, NY		Indian Point 345kV	ConEd/O&R	0	6/24/09		Withdrawn	
32 4	Belltown Biogas, LLC	Belltown Bio	3/6/09	2	2	М	Cayuga, NY		King Ferry	NYSEG	0	4/8/09		Withdrawn	
325	Synergy Biogas, LKc	Synergy Bio	3/6/09	2	2	М	Wyoming, NY		Wyoming	NM-NG	0	4/8/09		Withdrawn	
327	Con Edison	Offshore Wind	3/20/09	700	700	W	NY - Suffolk, NY		Far Rockaway 69kV	LIPA	0	6/30/11		Withdrawn	
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Queue			Date of	SP	WP	Type/	Location					Last	Availability	Proposed	In-Service
Pos.	Owner/Developer	Project Name	IR	(MW)	(MW)	Fuel	County/State	Z	Interconnection Point	Utility	s	Update	of Studies	Original	Current
328	Steuben Rural	Steuben County Landfill	3/23/09	4.8	4.8	М	Steuben, NY	С	Quarry - Bath 34.5	NYSEG	0	5/27/09		Withdrawn	
329	Horizon Wind Energy, LLC	Madison Wind Expansion	3/23/09	8.25	8.25	W	Madison, NY	Е	County Line - Brothertown 115kV	NYSEG	0	5/27/09		Withdrawn	
332	FitzPatrick Nuclear Station	FitzPatrick Nuclear Uprate	5/1/09	112	112	NU	Oswego, NY	С	FitzPatrick Substation	NYPA	0	6/24/09		Withdrawn	
334	Atlantic Wind, LLC	Sangerfield Wind	5/28/09	46	46	W	Onieda, NY	Е	TBD	NM-NG/NYSEG	0	7/31/09		Withdrawn	
335	NextEra Energy Resources, LLC	Cold Creek Spring Wind	6/9/09	150.7	150.7	W	Cattaraugus, NY	Α	Carrs Corners - Salamanca 115k\	NM-NG	0	8/31/12		Withdrawn	
336	Enfield Energy, LLC	Black Oak Wind	6/29/09	50	50	W	Thompkins, NY	С	Black Oak Rd 115kV	NYSEG	0	6/30/12		Withdrawn	
341	Covanta Energy	Hempstead Expansion	9/2/09	37	39	ST-SW	Nassau, NY	K	Hempstead 138kV	LIPA	0	8/31/10		Withdrawn	
343	Champlain Wind Link, LLC	Champlain Wind Link I	9/29/09	600	600	AC	Clinton, NY - VT	D	Plattsburgh - New Haven, VT 230kV	NYPA	0	7/31/12		Withdrawn	
344	Champlain Wind Link, LLC	Champlain Wind Link II	9/29/09	600	600	AC	Clinton, NY - VT	D	Plattsburgh - New Haven, VT 345kV	NYPA	0	4/30/12		Withdrawn	
345	St. Elizabeth Medical Center	St. Elizabeth Medical Center	11/2/09	2.3	2.3	NG	Herkimer, NY	Е		NM-NG	0	11/30/09		Withdrawn	
346	Beacon Power	Scotia Industrial Park	11/24/09	20	20	F	Schenectady, NY	F	Spier - Rotterdam	NM-NG	0	8/31/12		Withdrawn	
347	Franklin Wind Farm, LLC	Franklin Wind	12/2/09	50.4	50.4	W	Delaware, NY	Е	Oakdale - Delhi 115kV	NYSEG	0	1/31/19		Withdrawn	
348	Casella Waste Systems	Hyland Landfill	12/2/09	0.8	0.8		Allegany, NY	В	Station 249	RG&E	0	4/30/10		Withdrawn	
350	Lake Erie Wind, LLC	Lake Erie Wind	2/16/10	810	810	W	Chautauqua, NY	Α	Dunkirk - Gardenville 230kV	NM-NG	0	1/30/12		Withdrawn	
351	Linden VFT, LLC	Linden VFT Uprate	3/2/10	15	15	AC	Richmond, NY-NJ	J	Goethals 345kV	CONED	0	2/28/13		Withdrawn	
352	WM Renewable Energy	Oneida-Herkimer Landfill	4/8/10	3.2	3.2		Oneida, NY	Е			0	6/4/10		Withdrawn	
354	Atlantic Wind, LLC	North Ridge Wind	5/13/10	100	100	W	St. Lawrence, NY	Е	Nicholville - Parishville 115kV	NM-NG	0	1/31/15		Withdrawn	
356	Pattern Renewables	Hounsfield Wind	9/7/10	249.4	249.4	W	Jefferson, NY	Е	Oswego Substation 345kV	NYPA	0	11/30/10		Withdrawn	
357	West Point Partners, LLC	NY Power Pathway	9/10/10	1000	1000	DC	Albany, Westchester, NY	F, H	New Scotland - Buchanan South 345kV	NM-NG/Coned	0	2/28/13		Withdrawn	
359	National Grid	Verizon - Project Oasis	12/20/10	75	75	L	Niagara, NY	Α	Somerset - Kintigh 345kV	NYSEG	0	2/28/11		Withdrawn	
360	NextEra Energy Resources, LLC	Watkins Glen Wind	12/22/10	122.4	122.4	W	Schuyler, NY	С	Bath - Montour Falls 115 kV	NYSEG	0	5/31/15		Withdrawn	
362	Monticello Hills Wind, LLC	Monticello Hills Wind	3/7/11	19.8	19.8	W	Otsego, NY	Е	W. Winfield - Richfield Spring 46k		0	4/30/17		Withdrawn	
364	Bruce Hill Wind, LLC	Bruce Hill Wind	5/4/11	18	18	W	Delaware, NY	Е	Axtell Road Substation 115 kV	NYSEG	0	9/30/12		Withdrawn	
365	Transmission Developers Inc.	Champlain Hudson SPS	7/15/11	TBD	TBD	AC	Queens, NY	J	Astoria and Farragut Subsations	ConEd/NYPA	0	12/31/12		Withdrawn	
366	NextEra Energy Resources, LLC	Watkins Glen East	8/2/11	150.6	150.6	W	Schuyler, NY	С	Montour Falls Substation	NYSEG	0	10/31/12		Withdrawn	
367	Orange & Rockland	North Rockland Transformer	9/14/11	N/A	N/A	AC	Rockland, NY	G	Line Y94 345kV	ConEd	0	7/31/18		Withdrawn	
369	Clover Leaf Power, LLC	Clover Leaf Hollers Ave	10/24/11	173.9	192.8	CT	Bronx, NY	J	E 179th St. Subsation 138kV	ConEd	0	12/31/13		Withdrawn	
370	Smokey Avenue Wind, LLC	Smokey Avenue Wind	10/28/11	18	18	W	Otsego, NY	F	Worcester - Schenevus 23kV	NM-NG	0	1/31/14		Withdrawn	
374	CPV Valley, LLC	CPV Valley II	2/21/12	820	820		Wawayanda, NY	G	Rock Tavern-Coopers Corners 345kV	NYPA	0	9/30/15		Withdrawn	
376	Ridgeline Energy, LLC	Troups Creek Wind	3/7/12	32	32	W	Steuben, NY	С	Troupsburg Substation	NYSEG	0	4/30/12		Withdrawn	
376A	Atlantic Development, LLC	Atlantice Development	3/15/12	N/A	N/A	W	N/A	N/A	N/A	N/A	0	7/31/09		Withdrawn	
377	Monroe County	Monroe County Mill Seat	3/16/12	3.2	3.2		Monroe, NY	В	Sanford Rd. 34.5kV	NM-NG	0	4/30/16		Withdrawn	
379	Seneca Energy II, LLC	Seneca II Expansion	4/24/12	6.4	6.4	М	Seneca, NY	С	Seneca - Waterloo 34.5kV	NYSEG	0	5/31/13		Withdrawn	
381	Clipper Wind Power Developmen	t Paragon Wind	5/15/12	79.9	79.9	W	Steuben-Schuyler, N\	С	Stony Ridge - Hillside 230kV	NYSEG	0	10/31/12		Withdrawn	
382	Astoria Generating Co.	South Pier Improvement	5/30/12	91.2	95.5		Kings, NY		Gowanus Substation 138kV	ConEd	0	3/31/18		Withdrawn	
384	National Grid	Knickerbocker Pleasant Valley	6/15/12	TBD	TBD	AC	Columbia-Dutchess, NY		Knickerbocker - P. Valley 345kV	NM-NG/ConEd	0	5/31/16		Withdrawn	
385	National Grid	Hudson Valley Reinforcement	6/15/12	TBD	TBD	AC	AlbColDutch., NY	F, G	•	NM-NG/ConEd	0	2/28/15		Withdrawn	
388	Enel Green Power North America		7/24/12	17	17	S	Jefferson, NY		Dexter Stubstation	NM-NG	0	9/30/12		Withdrawn	
389	GUSC Energy, Inc.	Griffiss Technology Park	8/14/12	0.9	0.9	ST	Oneida, NY	E	Boonville - Rome 115kV	NM-NG	0	9/30/12		Withdrawn	
391	North America Transmission, LLC		9/21/12	TBD	TBD	AC	Oneida-Delaware, NY		Edic - Fraser 345kV	NM-NG/NYSEG	0	1/31/16		Withdrawn	
392	Exclon Corporation	Scriba-Volney	10/5/12	TBD	TBD	AC	Oswego, NY	С	Scriba - Volney 345kV	NM-NG/NYSEG	0	5/31/16		Withdrawn	
398	Black Oak Wind Farm, LLC	Black Oak Wind	1/10/13	12.5	12.5	W	Tompkins, NY	С	Montour - Coddington 115kV	NYSEG	0	8/31/17		Withdrawn	
399	American Electric Power	Mohawk Valley HVDC	2/27/13	1000	1000	DC	Oneida-Bronx, NY	· .	Marcy - Mott Haven 345kV	NYPA/ConEd	0	6/30/13		Withdrawn	
400	East Coast Power LLC	Linden Cogen Uprate	3/4/13	208	204		Linden, NJ-NY,NY		Linden Cogen 345kV	ConEd NM-NG/NYPA/	0	10/31/15		Withdrawn	
402	NextEra Energy Transmission	Marcy - PV 345	5/17/13	TBD	TBD	AC			Marcy - P. Valley 345kV	ConEd	0	2/28/15		Withdrawn	
404	NextEra Energy Transmission	Princetown - Rotterdam 230	6/4/13	TBD	TBD		Schenectady, NY		Princetown - Rotterdam 230kV	NM-NG	0	5/31/16		Withdrawn	
405	NextEra Energy Transmission	Oakdale - Fraser 345	6/21/13	TBD	TBD				Oakdale - Fraser 345kV	NYSEG NM-NG/NYPA/	0	12/31/15		Withdrawn	
406	NextEra Energy Transmission	Marcy - KB - PV 345	6/21/13	TBD	TBD				Marcy - P. Valley 345kV	ConEd	0	2/28/15		Withdrawn	
407	National Grid	Edic-N.Scotland-Leed-PV	7/1/13	TBD	TBD	AC			Edic - Pleasant Valley 345kV	NM-NG	0	2/28/15		Withdrawn	
408	National Grid	Edic-Princetown-N.Scotland-Leeds-PV	7/1/13	TBD	TBD	AC			Edic - Pleasant Valley 345kV	NM-NG	0	2/28/15		Withdrawn	
409	National Grid	Edic-Knickerbocker-PV	7/1/13	TBD	TBD	AC	Oneida-Dutchess, NY	E, G	Edic - Pleasant Valley 345kV	NM-NG	0	2/28/15		Withdrawn	

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Queue			Date of	SP	WP	Type/	Location					Last	Availability	Proposed	In-Service
Pos.	Owner/Developer	Project Name	IR	(MW)	(MW)	Fuel	County/State	z	Interconnection Point	Utility	s	Update	of Studies	Original	Current
410	National Grid	Edic-Princetown-Knickerbocker-PV	7/1/13	TBD	TBD	AC	Oneida-Dutchess, NY	' E. G	Edic - Pleasant Valley 345kV	NM-NG	0	2/28/15		Withdrawn	
411	BCDC Transmission LLC	BCDC Transmission	7/1/13	400	400	AC	NJ - New York, NY		NJ - Farragut Substation 345kV	ConEd	0	12/31/13		Withdrawn	
412	New York State Electric & Gas	Oakdale - Fraser 345	8/20/13	N/A	N/A	AC	,		Oakdale - Fraser 345kV	NYSEG	0	7/31/16		Withdrawn	
413	National Grid	Edic-PrinceN.Scotland-KnickPV	8/21/13	TBD	TBD	AC	,	,	Edic - Pleasant Valley 345kV	NM-NG	0	2/28/15		Withdrawn	
414	North America Transmission, LLC	Segment B Enhanced	9/5/13	N/A	N/A	AC	Albany-Dutchess, NY	F. G	New Scotland - P. Valley 345kV	NM-NG/ConEd/ O&R/CHGF	0	4/30/19		Withdrawn	
415	Iberdrola USA	Connect New York	9/6/13	1000	1000	DC	•		New Scotland - Hurley Ave 345k\		0	10/31/14		Withdrawn	
416	NextEra Energy Transmission	Marcy - KB - PV 345 (2)	9/9/13	TBD	TBD	AC			Marcy - P. Valley 345kV	NM-NG/NYPA/	0	2/28/15		Withdrawn	
417	NextEra Energy Transmission	Marcy - KB - PV 345 (3)	9/9/13	TBD	TBD	AC			Marcy - P. Valley 345kV	ConEd NM-NG/NYPA/ ConEd	0	5/31/16		Withdrawn	
418	NextEra Energy Transmission	Marcy - NS - PV 345	9/9/13	TBD	TBD	AC			Marcy - P. Valley 345kV	NM-NG/NYPA/ ConEd	0	3/31/15		Withdrawn	
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/NYPA/	0	5/31/16		Withdrawn	
420	NextEra Energy Transmission	Marcy - KB - PV 345 (4)	9/16/13	TBD	TBD	AC			Marcy - P. Valley 345kV	NM-NG/NYPA/ ConEd	0	2/28/15		Withdrawn	
423	Rochester Gas & Electric	University of Rochester	11/17/13	25	25	L	Monroe, NY		Station 251	NYSEG	0	7/31/14		Withdrawn	
424	Boundless Energy NE, LLC	Leeds Path West	11/26/13	N/A	N/A	AC	Greene-Westchester, NY	G-J	Leeds - Millwood 345kV	NM-NG/NYPA/ Cen Hud/ConEd/NYSEG	0	2/28/17		Withdrawn	
425	NextEra Energy Resources, LLC	Brookfield Wind Energy	12/11/13	100.3	100.3	W	Chenango, Madison, NY	Е	Chadwicks - Yahnundadis 115kV	NM-NG/NYSEG	0	5/31/15		Withdrawn	
426	North America Transmission, LLC	NS-Knickerbocker-PV	12/11/13	TBD	TBD	AC	Albany-Dutchess, NY	F-G	New Scotland - P. Valley 345kV	NM-NG/ConEd	0	2/28/14		Withdrawn	
427	Island Park Energy Center, LLC	Island Park Energy Center CCPP	1/24/14	268	295	CT-NG			Barrett Power Station 138kV	LIPA	0	2/28/17		Withdrawn	
428	Island Park Energy Center, LLC	Island Park Energy Center SCPP	1/24/14	262			Nassau, NY	K	Barrett Power Station 138kV	LIPA	0	2/28/17		Withdrawn	
433	East Hampton Solar Farm, LLC	East Hampton - Phase 1	4/21/14	20	20	S	Suffolk, NY	K	Amagansett Substation 69KV	LIPA	0	5/31/14		Withdrawn	
434	East Hampton Solar Farm 2, LLC	East Hampton - Phase 2	4/21/14	20	20	S	Suffolk, NY	K	Amagansett Substation 69KV	LIPA	0	5/31/14		Withdrawn	
435	East Hampton Solar Farm 2, LLC	East Hampton - Phase 3	4/21/14	20	20	S	Suffolk, NY	K	Amagansett Substation 69KV	LIPA	0	5/31/14		Withdrawn	
436	East Hampton Solar Farm 2, LLC	Riverhead - Phase 1	4/21/14	20	20	S	Suffolk, NY	K	Edwards Substation 69KV	LIPA	0	5/31/14		Withdrawn	
437	East Hampton Solar Farm 2, LLC	Riverhead - Phase 2	4/21/14	20	20	S	Suffolk, NY	K	Edwards Substation 69KV	LIPA	0	5/31/14		Withdrawn	
438	East Hampton Solar Farm 2, LLC	Riverhead - Phase 3	4/21/14	20	20	S	Suffolk, NY	K	Edwards Substation 69KV	LIPA	0	5/31/14		Withdrawn	
439	Boston Energy Trading	East Garden City-Valley Stream	5/9/14	TBD	TBD	AC	Nassau, NY	K	E. Garden City-Valley Stream 138kV	LIPA	0	4/30/16		Withdrawn	
440	Erie Power, LLC	Erie Power	6/2/14	79.4	88	CC-NG	Chautauqua, NY	Α	South Ripley Substation 230kV	NM-NG	0	2/28/18		Withdrawn	
443	Manorville Solar, LLC	Manorville Solar	6/9/14	16	16	S	Suffolk, NY	K	Riverhead - Eastport 69kV	LIPA	0	4/30/15		Withdrawn	
441	East Hampton Solar Farm, LLC	East Hampton Solar	6/9/14	60	60	S	Suffolk, NY	K	Buell Substation 69kV	LIPA	0	1/31/15		Withdrawn	
442	Riverhead Solar Farm, LLC	Riverhead Solar	6/9/14	24	24	S	Suffolk, NY	K	Edwards Substation 138kV	LIPA	0	5/31/15		Withdrawn	
446	Solar Alliance Freedom, Inc.	Jockey Hill Solar	7/21/14	2	2	S	Ulster, NY	G	Hurley Substation 345kV	CenHud	0	9/30/14		Withdrawn	
447	FTS Devco LLC	East Hampton Expansion	7/25/14	20	20	S	Suffolk, NY	K	Amagansett Substation 69kV	LIPA	0	1/31/15		Withdrawn	
448	Alps Interconnector, LLC	Alps HVDC	8/12/14	600	600	DC	NE-Rensselaer, NY	F	Alps Substation 345kV	NM-NG	0	11/30/18		Withdrawn	
450	Stacy Solar Center, LLC	Stacy Solar	8/20/14	20	20	S	Greene, NY	G	Coxsackie Substation 69kV	CenHud	0	2/28/15		Withdrawn	
451	Shortsville Solar Center, LLC	Shortsville Solar	8/20/14	20	20	S	Ontario, NY	В	Substation #168 34.5kV	NYSEG	0	10/31/14		Withdrawn	
4 52	Taconic Solar Center, LLC	Taconic Solar	8/20/14	10	10	S	Columbia, NY	F	Craryville Substation 34.5kV	NYSEG	0	10/31/14		Withdrawn	
453	Blue Hill Solar Center, LLC	Blue Hill Solar	8/20/14	20	20	S	Columbia, NY	F	Blue Stores Substation 115kV	NM-NG	0	10/31/14		Withdrawn	
454	Sabin Solar Center, LLC	Sabin Solar	8/20/14	20	20	S	Herkimer, NY	Е	Salisbury Substation 115kV	NM-NG	0	10/31/14		Withdrawn	
455	Roseway Solar, LLC	Roseway Solar	8/21/14	19.9	19.9	S	Sullivan, NY	Е	34.5kV	NYSEG	0	2/28/15		Withdrawn	
456	ESA Solar NY, LLC	Woodhull Solar	9/9/14	0.7	0.7	S	Steuben, NY	С	Woodhull Substation	NYSEG	0	7/31/15		Withdrawn	
457	RES America Developments Inc.	Bellmont Wind	9/22/14	19.8	19.8	W			Brainardsville, NY	NYSEG	0	12/31/14		Withdrawn	
4 59	ESA Solar NY, LLC	Warsaw Solar	11/5/14	2	2	S	Wyoming, NY	В	Wethersfield Substation 115kV	NYSEG	0	12/31/14		Withdrawn	
460	Dryden Solar, LLC	Dryden Solar	11/10/14	5	5	S	Tompkins, NY	С		NYSEG	0	12/31/14		Withdrawn	
463	Long Island Clean Energy Project LLC	62 Weeks Rd. Fuel Cell	12/5/14	19.9	19.9		Suffolk, NY		69kV	LIPA	0	1/31/15		Withdrawn	
464	Long Island Clean Energy Project LLC	Pulaski Rd. Fuel Cell	12/5/14	19.9	19.9		Suffolk, NY		138kV	LIPA	0	1/31/15		Withdrawn	
469	NextEra Energy Transmission	Edic-PV 345	1/6/15	TBD	TBD	AC			Edic - Pleasant Valley 345kV	NM-NG/ConEd NM-NG/NYSEG/	0	5/31/15		Withdrawn	
470	NextEra Energy Transmission	Knickerbocker 115	1/6/15	TBD	TBD	AC	Columbia-Rensselaer, NY		Greenbush - Churchtown 115kV	CHGF NM-NG/NYPA/	0	5/31/16		Withdrawn	
471	NextEra Energy Transmission	Marcy-Princetown 345	1/6/15	TBD	TBD	AC	Oneida-Albany, NY		Marcy - Princetown 345kV	ConEd	0	5/31/16		Withdrawn	
472	NextEra Energy Transmission	Knickerbocker 345	1/6/15	TBD	TBD	AC	Rensselaer-Dutchess, NY	F	Knickerbocker - P. Valley 345kV	NM-NG/ConEd	0	5/31/16		Withdrawn	
4 73	Calverton Solar LLC	Calverton Solar	1/21/15	10	10	S	Suffolk, NY		Riverhead - Wildwood 69kV	LIPA	0	2/28/19		Withdrawn	
475	OneEnergy Development, LLC	Windy Hill Solar	2/2/15	20	20	W	Washington, NY	F	Battenkill Substation 115kV	NM-NG	0	7/31/15		Withdrawn	
476	New York State Electric & Gas	Edic-PV, Oakdale-Fraser	2/12/15	N/A	N/A	AC	Oneida-Delaware, N		Edic-PV, Oakdale-Fraser 345kV	NM-NG/NYSEG CHGE/NM-	0	7/31/16		Withdrawn	
478	Central Hudson Gas & Electric	Hurley Ave PARs	2/17/15	TBD	TBD	AC	Dutchess, NY	G	Hurley Ave 345kV	NG/NYSEG	0	3/31/16		Withdrawn	

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Queue			Date of	SP	WP	Type/	Location					Last	Availability	Proposed	In-Service
Pos.	Owner/Developer	Project Name	IR	(MW)	(MW)	Fuel	County/State	z	Interconnection Point	Utility	s	Update	of Studies	Original	Current
479	Central Hudson Gas & Electric	Edic NS, Hurley PARs	2/17/15	TBD	TBD	AC	•	E-G	Edic-NS, Hurley Ave 345kV	CHGE/NM- NG/NYSEG/NYPA	0	3/31/16	<u> </u>	Withdrawn	
480	National Grid	Edic-NS. Knickerbocker-PV	2/20/15	TBD	TBD	AC			Edic-NS, Knickerbocker-PV 345kV		0	5/31/16		Withdrawn	
481	National Grid	Leeds - Pleasant Valley	2/20/15	TBD	TBD	AC	Greene-Dutchess, N		Leeds - P. Valley 345kV	NM-NG/ConEd	0	12/31/15		Withdrawn	
482	National Grid	Edic-NS, NS-Leeds-PV	2/20/15	TBD	TBD	AC	,		Edic-NS, NS-Leeds-PV 345kV	NM-NG/ConEd	0	12/31/15		Withdrawn	
483	National Grid	NS-Leeds, Leeds-PV	2/20/15	TBD	TBD	AC	Albany-Dutchess, NY	, F, G	NS-Leeds, Leeds-PV 345kV	NM-NG/ConEd	0	12/31/15		Withdrawn	
484	National Grid	Edic NS, NS Leeds, Leeds PV	2/20/15	TBD	TBD	AC	Oneida-Dutchess, NY	, E, G	Edic-NS, NS-Leeds, Leeds-PV 34	NM-NG/ConEd	0	12/31/15		Withdrawn	
485	National Grid	Knickerbocker-PV	3/4/15	TBD	TBD	AC	Columbia-Dutchess, NY	F, G	Knickerbocker - P. Valley 345kV	NM-NG/ConEd	0	5/31/16		Withdrawn	
486	LI Energy Storage System	Buell Battery Storage	3/9/15	20	20	ES	Suffolk, NY	K	East Hampton Substation 69kV	LIPA	0	10/31/15		Withdrawn	
488	LI Energy Storage System	Glenwood Battery Storage	3/9/15	20	20	ES	Suffolk, NY	K	Glenwood Substation 69kV	LIPA	0	4/30/17		Withdrawn	
489	LI Energy Storage System	Southampton Battery Storage	3/9/15	20	20	ES	Suffolk, NY	K	Southampton 69kV	LIPA	0	10/31/15		Withdrawn	
491	Yaphank Fuel Cell Park, LLC	Yaphank Fuel Cell Park	3/23/15	19.6	19.6	ES	Suffolk, NY	K	Yaphank Substation 69kV	LIPA	0	7/31/15		Withdrawn	
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	0	9/30/16		Withdrawn	
493	EPCAL Fuel Cell Park, LLC	EPCAL Fuel Cell Park	3/30/15	19.6	19.6	FC	Suffolk, NY	K	Riverhead 69 kV	LIPA	0	1/31/16		Withdrawn	
499	Sharon Solar LLC	Sharon Solar	5/7/15	19.6	19.6	S	Schoharie, NY	F	Sharon Substation 69kV	NM-NG	0	10/31/15		Withdrawn	
500	Regeneron Solar LLC	Regeneron Solar	5/12/15	2	2	S	Rensselaer, NY	F	East Greenbush, NY	NM-NG	0	8/31/15		Withdrawn	
501	Regeneron Solar LLC	Mariaville 2 Solar	5/12/15	2	2	S	Schenectady, NY	F	Mariaville, NY	NM-NG	0	8/31/15		Withdrawn	
502	Lincoln Park DG LLC	Lincoln Park	5/22/15	18.3	18.3		Dutchess, NY	F	Lincoln Park Substation	CHGE	0	6/30/15		Withdrawn	
503	East Kingstson DG LLC	East Kingston	5/22/15	18.3	18.3		Dutchess, NY	F	East Kingston Substation	CHGE	0	6/30/15		Withdrawn	
50 4	NY DG Holding LLC	Saugerties	5/22/15	18.3	18.3		Dutchess, NY	F	Saugerties Substation	CHGE	0	6/30/15		Withdrawn	
505A	Central Hudson	Hurley Ave & Saugerties	6/5/15	TBD	TBD	AC	Greene-Ulster, NY	G	Hurley Ave & Saugerties 69kV	CHGE	0	10/31/15		Withdrawn	
507	Erie Boulevard Hydropower, LP	Glens Falls Hydro	7/2/15	14.8	14.8	Н	Washington, NY	F	Henry St Glens Falls 34.5kV	NM-NG	0	12/31/16		Withdrawn	
508	Blue Circle DG LLC	Blue Circle	7/17/15	18.2	18.2	FC	Greene, NY	G	LaFarge - PV 115 kV	NM-NG	0	2/29/16		Withdrawn	
509	North Catskill DG LLC	North Catskill	7/17/15	18.2	18.2		Greene, NY	G	North Catskill Substation	CHGE	0	8/31/15		Withdrawn	
514	RES Americas Developments Inc.	Empire Wind	10/1/15	120	120	W	Rensselaer, NY	F	Stephentown - Greenbush 115kV	NM-NG	0	7/31/18		Withdrawn	
515	North Bergen Liberty Generation Center LLC	Liberty Generation	10/7/15	1000	1000	CC-NG		J	W49th St 345kV	ConEd	0	1/31/18		Withdrawn	
525	New York Power Authority	Western NY Energy Link	12/18/15	N/A	N/A	AC	Niagara, NY	A	Niagara - Stolle - Gardenville	NYPA/NYSEG	0	2/28/18		Withdrawn	
527	Atlantic Wind, LLC	Horse Creek Wind	12/23/15	250	250	W	Jefferson, NY	E	Indian River 115kV	NM-NG	0	7/31/17		Withdrawn	
528	National Grid	Moderate Power Transfer	12/30/15	N/A	N/A	AC	Niagara-Erie, NY	A	Niagara, Erie, Stolle, Gardenville	NM-NG	0	9/30/17		Withdrawn	
529	National Grid	High Power Transfer	12/30/15	N/A	N/A	AC	Niagara-Erie, NY		Niagara, Erie, Stolle, Gardenville	NM-NG	0	9/30/17		Withdrawn	
533	Delano Management LLC	Empire Interconnection	2/3/16	275	275	DC	Nassau, NY	K	Far Rockaway Substation 69kV	LIPA	0	11/30/17		Withdrawn	
536	Empire Interconnection LLC	Glenwood	4/19/16	275	275	AC	Suffolk, NY	K	Glenwood/Far Rockaway Station 69kV	LIPA	0	11/30/17		Withdrawn	
544	Invenergy Wind Development LLC	Alle Catt Wind	5/4/16	100.5	100.5	W	Cattaraugus, NY	A	Freedom Substation 115kV	Village of Arcade NYPA/NYSEG/	0	8/31/17		Withdrawn	
547	North America Transmission, LLC	Dysinger-Stolle	5/25/16	N/A	N/A	AC	Niagara-Erie, NY	A	Dysinger - Stolle 345kV	NM-NG NYPA/NYSEG/	0	4/30/19		Withdrawn	
548 540	North America Transmission, LLC	, ,	5/25/16	N/A	N/A	AC	Niagara-Erie, NY	A	Dysinger - Gardenville 345kV	NM-NG NYPA/NYSEG/	-	10/31/17		Withdrawn	
549 550	North America Transmission, LLC North America Transmission, LLC	Niagara-Dysinger-Stolle-Gardenville Dysinger-Stolle-Gardenville II-	5/25/16 6/2/16	N/A N/A	N/A N/A	AC AC	Niagara-Erie, NY Niagara-Erie, NY	A A	Niagara - Gardenville 345kV Dysinger - Gardenville 345kV	NM-NG NYPA/NYSEG/	0	10/31/17 10/31/17		Withdrawn Withdrawn	
551	OneEnergy Development, LLC	Caprock Solar	6/24/16	1N/A 20	N/A 20	S	Monroe, NY	В	South Union - Sweden 115kV	NM-NG NM-NG	0	8/31/17		Withdrawn	
552	OneEnergy Development, LLC	Flotilla Solar	6/24/16	20	20	S	Monroe, NY	В	Brockport - Hamlin 115kV	NM-NG	0	8/31/17		Withdrawn	
553	OneEnergy Development, LLC	Caspian Solar	6/24/16	20	20	S	Monroe, NY	В	Sweden - South Union 115kV	NM-NG	0	8/31/16		Withdrawn	
554	Lookheed Martin	Lockheed Matin MST Syracuse	6/27/16	2.5	20	J			Lockheed Martin switch 13.8kV	NM-NG	0	7/31/16		Withdrawn	
555	North America Transmission, LLC	Segment A Base	7/6/16	N/A	N/A	AC	Oneida-Albany NY	E. F	Edic - New Scotland 345kV	NM-NG	0	4/30/19		Withdrawn	
557	North America Transmission, LLC	Segment A Enhanced	7/6/16	N/A	N/A	AC	Oneida-Albany NY	,	Edic - New Scotland 345kV	NM-NG	0	4/30/19		Withdrawn	
558	North America Transmission, LLC	Segment A 765	7/6/16	N/A	N/A	AC	Oneida-Albany NY	,	Edic - New Scotland 345kV	NM-NG/ NYPA	0	4/30/19		Withdrawn	
559	North America Transmission, LLC	Segment B Base	7/6/16	N/A	N/A		Oneida-Albany NY	,	Knickerbocker - PV 345kV	NM-NG/O&R CHGE/ConEd	0	4/30/19		Withdrawn	
562	OneEnergy Development, LLC	Hidden Meadow Solar	7/22/16	20	20	S	Columbia-Dutchess, NY	,	Milan - Churchtown 115kV	NM-NG	0	3/31/17		Withdrawn	
567	Tribes Hill Solar, LLC	Tribes Hill Solar	8/10/16	20	20	S	Mongomery, NY	,	Ephrata - Florida 69KV	NM-NG	0	6/30/18		Withdrawn	
568	Turkey Hollow Solar, LLC	Turkey Hollow Solar	8/16/16	20	20	S	Delaware, NY		Grand Gorge - Axtell Road 115kV	NYSEG	0	1/31/18		Withdrawn	
569	Hecate Energy, LLC	Greene County	8/17/16	50	50	S	Greene, NY	G	-	CHGE	0	9/30/16		Withdrawn	
578	Sharon Solar LLC	Sharon Solar	9/20/16	20	20	S	Schoharie, NY	F	Sharon Substation 69kV	NM-NG	0	6/30/17		Withdrawn	
585	Caledonia Solar LLC	Caledonia I Solar	11/7/16	20	20	S	Livingston, NY	Α	Golah - South Perry 69kV	NM-NG	0	6/30/18		Withdrawn	
587	Fork Valley Solar LLC	Fork Valley Solar	11/8/16	20	20	S	Steuben, NY	С	Eelpot Rd 345.5kV Substation	NYSEG	0	7/31/18		Withdrawn	

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Queue			Date of	SP	WP	Type/	Location					Last	Availability	Proposed	In-Service
Pos.	Owner/Developer	Project Name	IR	(MW)	(MW)	Fuel	County/State	Z	Interconnection Point	Utility	s	Update	of Studies	Original	Current
588	Exelon Transmission Co., LLC	Niagara Transmission Expansion	11/15/16	N/A	N/A	AC	Niagara-Erie, NY	Α	Niagara - Gardenville	NYPA/NYSEG/ NM-NG	0	9/30/17		Withdrawn	
593	OneEnergy Development, LLC	Raceway Solar	12/28/16	20	20	S	Rensselaer, NY	F	Cobb Hill Substation	NYSEG	0	4/30/17		Withdrawn	
599	LeRoy, LLC	LeRoy Solar	1/11/17	20	20	S	Genesee, NY	В	LeRoy Substation 115kV	NGrid	0	4/30/17		Withdrawn	
600	Conti Enterprises, Inc.	Darby Solar	1/12/17	20	20	S	Washington, NY	G	Mechanicville - Schaghticoke 34.5kV	NM-NG	0	4/30/19		Withdrawn	
601	HP Hood LLC	Hood Cogen	1/20/17	4	4	CT-NG	,	С	Oneida - Fenner 115kV	NGrid	0	12/31/18		Withdrawn	
602	Cypress Creek Renewables	Keesog Solar	1/30/17	50	50	S	Franklin, NY	D	Moses - Willis 230kV	NYPA	0	5/31/17		Withdrawn	
603	Hecate Energy Riverhead, LLC	Riverhead	2/3/17	7.5	7.5	S	Suffolk, NY	K	Wildwood - Riverhead 69kV	LIPA	0	5/31/18		Withdrawn	
604	Hecate Energy Columbia County 1, LLC	Columbia County 1	2/7/17	20	20	S	Columbia, NY	G	Craryville Substation 34.5kV	NYSEG	0	7/31/17		Withdrawn	
605	Hecate Energy Columbia County 2, LLC	Columbia County 2	2/7/17	20	20	S	Columbia, NY	G	Craryville Substation 34.5kV	NYSEG	0	7/31/17		Withdrawn	
606	Hecate Energy Craryville 3, LLC	Columbia County 3	2/7/17	10	10	S	Columbia, NY	G 	Craryville Substation 34.5kV	NYSEG NYPA/NM-NG/	0	7/31/17		Withdrawn	
607	Empire State Connector Corporation	Empire State Connector II	2/8/17	1000	1000	DC	Oneida-New York, NY		Marcy - Astoria 345kV	ConEd	0	3/31/17		Withdrawn	
608	ITC New York Development, LLC	Segment A	2/8/17	N/A	N/A	AC	Oneida-Albany NY	,	Edic - New Scotland 345kV	NM-NG NM-NG/NYSEG/	0	4/30/19		Withdrawn	
609	ITC New York Development, LLC	Segment B	2/8/17	N/A	N/A	AC	Oneida-Albany NY	,	Knickerbocker - PV 345kV	CHGE/ConEd	0	4/30/19		Withdrawn	
611	Badra Solar, LLC	Badra Solar	2/10/17	20	20	S	Franklin, NY	D	Nicholville - Malone 115kV	NM-NG	0	3/31/17		Withdrawn	
614	Sabertooth Solar, LLC	Sabertooth Solar	2/22/17	20	20	S	Cortland, NY		Willett - Lapeer 115kV	NYSEG	0	6/30/17		Withdrawn	
615	West Point Partners, LLC	West Point II HVDC	3/2/17	1000	1000	DC	Albany, Westchester,		New Scotland - Buchanan South 345kV	NM-NG/ConEd	0	2/28/19		Withdrawn	
616	Heelstone Development, LLC	Mohawk Solar	3/23/17	20	20	S	Herkimer, NY		Watkins Rd - Ilion 115kV	NM-NG	0	4/30/19		Withdrawn	
622	Geronimo Solar Energy, LLC	Alcoa Solar	3/27/17	20	20	S	St. Lawrence, NY		13.8kV	NM-NG	0	6/30/17		Withdrawn	
623	Conti Enterprises, Inc.	Puckett Solar	4/5/17	20	20	S	Chenango, NY	С	Chenango Forks 34.5kV Substation		0	6/30/17		Withdrawn	
625	Whitehart Solar, LLC KCE NY 1. LLC	Whitehart Solar	4/13/17	20	20	S	Sullivan, NY	E F	Hyatt Rd Border City 115kV Luther Forest 34.5kV Substation	NYSEG	0	9/30/18		Withdrawn	
626	OneEnergy Development, LLC	KCE NY 1 Southtown 2 Solar	4/14/17	20	20	s	Saratoga, NY	г	North Angola 34.5kV Substation	NM-NG NM-NG	0	6/30/17		Withdrawn	
627 628	0,	Slingshot 2 Solar	4/17/17 4/17/17	20 20	20 20	S	Steuben, NY	С	· ·		0	6/30/17 8/31/17		Withdrawn Withdrawn	
630	OneEnergy Development, LLC Cayuga Operating Co.	Cayuga Solar	4/17/17 4 /27/17	20	20	S	Lansing, NY	С	Hammondsport 34.5 kV Substatio Milliken 34.5 Substation	NYSEG	0	1/31/18		Withdrawn	
633	Conti Enterprises, Inc.	Janis Solar	5/15/17	20	20	S	Lansing, IVI	В	Willet - Tarbell 34.5 kV	NYSEG	0	6/30/17		Withdrawn	
634	Champagne Storage, LLC	Champagne Storage	5/13/17 5/18/17	20	20	ES	Madison, NY	E	Oneida - Cortland 115kV	NM-NG	0	1/31/18		Withdrawn	
635	Rising Solar, LLC	Rising Solar	6/14/17	20	20	S	Orange, NY	G	Sugarloaf - Wisner 69kV	O&R	0	12/31/18		Withdrawn	
636	Daybreak Solar, LLC	Daybreak Solar	6/15/17	25	25	S	Ulster, NY	G	East Walden Substation 69kV	CHGE	0	1/31/19		Withdrawn	
639	Owego Solar LLC	Owego Solar	7/19/17	20	20	S	Tioga, NY	C	South Owego - Stagecoach 115k\		0	11/30/17		Withdrawn	
640	Granada Solar, LLC	Grissom Solar	7/19/17	20	20	S	Fulton, NY	F	Vail Mills Substation 69kV	NM-NG	0	11/30/17		Withdrawn	
645	Oya Solar NY LP	Manny Corner Solar	8/1/17	20	20	S	Montgomery, NY	F	Meco - Rotterdam 115kV	NM-NG	0	3/31/18		Withdrawn	
646	Oya Solar NY LP	Shaw Solar	8/1/17	20	20	S	Jefferson, NY	E	Thousand Island 115kV	NM-NG	0	12/31/17		Withdrawn	
647	Oya Solar NY LP	Robinson Solar	8/1/17	20	20	S	Jefferson, NY	E	Thousand Island 115kV	NM-NG	0	3/31/18		Withdrawn	
648	Oya Solar NY LP	Black Creek Solar	8/1/17	20	20	S	Jefferson, NY	E	Thousand Island - Coffeen 115kV	NM-NG	0	12/31/17		Withdrawn	
651	Yaphank Fuel Cell Park, LLC	Yaphank Solid Waste Managem		7.4	7.4	FC	Suffolk, NY	K	W. Yaphank - North Bellport 69kV		0	10/31/18		Withdrawn	
652	Somerset Operating Company LLC	Somerset Solar	8/4/17	19.9	19.9	S	Monroe, NY	В	Kintigh Switchyard 69kV	NYSEG	0	2/2818		Withdrawn	
653	Plattsburgh Solar, LLC	Moffitt Solar	8/7/17	20	20	S	Clinton, NY	D	Northend - Woodruff Pond 46kV	NYSEG	0	9/30/18		Withdrawn	
656	Taku Wind LLC	Taku Wind	8/11/17	20	20	W	Genesee, NY	A	Akron - Attica 34.5kV	NM-NG	0	1/31/18		Withdrawn	
658	CVE North America, Inc.	Volney Solar Park	8/29/17	19.8	19.8	S	Fulton, NY	F	South Oswego - Clay 115kV	NM-NG	0	1/31/18		Withdrawn	
659	Solar Liberty Energy Systems, Inc.	Westwood Rd	9/19/17	10.1	11.3	S	Erie, NY	Α	Erie St - Alden 34.5kV	NYSEG	0	3/31/18		Withdrawn	
660	Solar Liberty Energy Systems, Inc.	Liberty Dr	9/7/17	7.4	7.4	S	Niagara Falls, NY	Α	Packard - Erie St 115 kV	NM-NG	0	3/31/18		Withdrawn	
661	Solar Liberty Energy Systems, Inc.	Eden Evans Rd	9/7/17	18.0	18.0	S	Angola, NY	Α	Shelton - Angola 34.5kV	NM-NG	0	3/31/18		Withdrawn	
662	EDP Renewables North America LLC	Coldwater Solar	9/7/17	80.0	80.0	S	Chautauqua, NY	Α	Dunkirk - Gardenville 115kV	NM-NG	0	4/30/19		Withdrawn	
663	Solar Liberty Energy Systems, Inc.	Main St	9/8/17	10.8	10.8	S	York, NY	Α	Golah - South Perry 69 kV	NM-NG/NYSEG	0	3/31/18		Withdrawn	
664	South Cooper Solar LLC	South Cooper Solar	9/14/17	20.0	20.0	S	Hinsdale, NY	Α	Five Mile - Gardenville 115 kV	NM-NG	0	5/31/18		Withdrawn	
665	Forest Glen Solar LLC	Forest Glen Solar	9/14/17	20.0	20.0	S	Allegany, NY	Α	Five Mile - Homer Hill 115kV	NM-NG	0	3/31/18		Withdrawn	
672	LS Power Development, LLC	Helix Ravenswood I	10/6/17	30.2	30.2	CT-NG	New York, NY	J	Rainey Substation 345kV	ConEd	0	9/30/18		Withdrawn	
673	LS Power Development, LLC	Helix Ravenswood II	10/6/17	72.4	72.4	CT-NG	New York, NY	J	Rainey Substation 345kV	ConEd	0	9/30/18		Withdrawn	
674	Helix Ravenswood, LLC	Vernon Battery Storage I	10/24/17	10	10	ES	Queens, NY	J	Vernon Substation	ConEd	0	8/31/18		Withdrawn	
675	Helix Ravenswood, LLC	Vernon Battery Storage II	10/24/17	10	10	ES	Queens, NY	J	Vernon Substation	ConEd	0	8/31/18		Withdrawn	
676	Granada Solar, LLC	Regan Solar	10/25/17	20	20	S	Guilford, NY	С	Guilford 46kV	NYSEG	0	3/31/18		Withdrawn	

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	•		1		-			_	•						
Queue			Date of	SP	WP	Type/	Location					Last	Availability	Proposed I	n-Service
Pos.	Owner/Developer	Project Name	IR	(MW)	(MW)	Fuel	County/State	Z	Interconnection Point	Utility	S	Update	of Studies	Original	Current
677	Granada Solar, LLC	Grange Solar	10/25/17	20	20	S	Nanticoke, NY	С	Vincent Cors 34.5kV	NYSEG	0	1/31/18		Withdrawn	
681	Granada Solar, LLC	Magruder Solar	1/2/18	20	20	S	Gardiner, NY	G	Modena - Galeville 115kV	CHGE	0	2/28/18		Withdrawn	
685	sPower Development Company, LLC	EPCAL 1	1/19/18	20	20	S	Suffolk, NY	K	Riverhead - Brookhaven 138kV	LIPA	0	4/30/18		Withdrawn	
687	sPower Development Company, LLC	EPCAL 2	1/29/18	150	150	S	Suffolk, NY	K	Edwards - Brookhaven 69kV	LIPA	0	6/30/18		Withdrawn	
688	EDF Renewable Development Inc.	East Walden Solar	2/2/18	20	20	S	Orange, NY	G	East Waldon Sutbation	CHGE	0	3/31/18		Withdrawn	
689	EDF Renewable Development Inc.	Goshen Solar	2/2/18	20	20	S	Orange, NY	G	Huntley Station 115kV	O&R	0	3/31/18		Withdrawn	
690	EDF Renewable Development Inc.	Slate Hill 1 Solar	2/2/18	20	20	S	Orange, NY	G	Shoemaker - Westtown	O&R	0	3/31/18		Withdrawn	
691	EDF Renewable Development Inc.	Slate Hill 2 Solar	2/2/18	20	20	S	Orange, NY	G	Shoemaker - Westtown	O&R	0	3/31/18		Withdrawn	
692	Consolidated Edison Company of Ne	v Astoria Storage on Demand	2/7/18	15	15	ES	Queens, NY	J	North Queens Substation	ConEd	0	3/31/18		Withdrawn	
705	Oya Solar NY, LP	Chaumont Solar	4/10/18	160	160	S	Sullivan, NY	G	Thousand Island - Coffeen 115kV	NM-NG	0	7/31/18		Withdrawn	
707	PSEG Power New York LLC	Bethlehem Battery	5/4/18	10.0	10.0	ES	Albany, NY	F	Albany Substation 115kV	NM-NG	0	11/30/18		Withdrawn	
708	PSEG Power New York LLC	Bethlehem Solar	5/4/18	1.0	1.0	S	Albany, NY	F	13.2kV Substation	NM-NG	0	6/30/18		Withdrawn	
711	Somerset Solar Development LLC	Somerset Solar	5/31/18	19.9	19.9	S	Monroe, NY	В	Kintigh Substation 345 kV	NYSEG	0	10/31/18		Withdrawn	
712	Cayuga Solar LLC	Cayuga Solar	5/31/18	19.9	19.9	S	Tomkins, NY	С	Milliken Substation 34.5kV	NYSEG	0	11/30/18		Withdrawn	
723	Lyonsdale Biomass, LLC	Lyonsdale Solar	6/8/18	19.9	19.9	S	Lewis, NY	Е	Lyonsdale Substation 115kV	NM-NG	0	4/30/19		Withdrawn	
724	Brewster Solar, LLC	Brewster Solar	6/8/18	24.98	24.98	S	Putnam, NY	G	Pawling - Croton Falls 115kV	NYSEG	0	11/30/18		Withdrawn	
725	York Solar, LLC	York Solar	6/8/18	24.9	24.9	S	Livingston, NY	Α	Line #863 - 69kV	NM-NG	0	11/30/18		Withdrawn	
726	Niagara Falls Solar, LLC	Niagara Falls Solar	6/8/18	24.9	24.9	S	Niagara, NY	Α	Line #181 - 115kV	NM-NG	0	9/30/18		Withdrawn	
727	Alden Solar, LLC	Alden Solar	6/11/18	24.9	24.9	S	Erie, NY	Α	Cold Springs - Pulteny 34.5kV	NYSEG	0	9/30/18		Withdrawn	
728	EDF Renewables Development, Inc.	Champlain Solar	6/11/18	20	20	S	Clinton, NY	Е	Mason Corners-Sciota Flatrock 115kV	NYSEG	0	7/31/18		Withdrawn	
729	EDF Renewables Development, Inc.	Quiet Meadows Solar	6/11/18	20	20	S	Oneida, NY	Е	Oneida - Oneida Energy 115kV	NM-NG	0	8/31/18		Withdrawn	
732	Machias Solar, LLC	Machias Solar	6/11/18	20	20	S	Cattaraugus, NY	Α	Fivemile - Gardenville 115kV	NM-NG	0	12/31/18		Withdrawn	
733	Arcade Solar, LLC	Arcade Solar	6/11/18	19.9	19.9	S	Wyoming, NY	Α	Arcade - Bliss 115kv	Village of Arcade	0	11/30/18		Withdrawn	
736	Empire State Solar, LLC	Meads Hill Solar	6/12/18	20	20	S	Schuyler, NY	С	Montour Falls - Greenidge 115kV	NYSEG	0	11/30/18		Withdrawn	
747	White Creek Solar LLC	White Creek Solar	7/30/18	100	100	S	Livingston, NY	Α	Jones - Mortimer 115kV	NM-NG	0	10/31/18		Withdrawn	
749	KCE NY 11 LLC	KCE NY 11	8/10/18	20	20	ES	Orange, NY	G	Coldenham Substation 115kV	CHGE	0	2/28/19		Withdrawn	
752	Granada Solar, LLC (Conti)	Goldenrod Solar	8/15/18	90	90	S	Herkimer, NY	Е	Meco - Rotterdam 115 kV	NM-NG	0	10/31/18		Withdrawn	
753	Granada Solar, LLC (Conti)	Blue Star Solar	8/15/18	100	100	S	Washington, NY	F	Mohican - Luther Forest 115kV	NM-NG	0	10/31/18		Withdrawn	
757	Granada Solar, LLC	Monarda Solar	8/29/18	20	20	S	Herkimer, NY	Е	Meco - Rotterdam 115 kV	NM-NG	0	12/31/18		Withdrawn	
761	Invenergy Solar Development LLC	Athens Energy Center	9/17/18	100	100	-	Greene County, NY	G	New Scotland - North Catskill 115	NM-NG	0	10/31/18		Withdrawn	
772	Hollyhock Solar, LLC	Hollyhock Solar	10/15/18	20	20	S	Albany, NY	F	Leeds - New Scotland 115kV	NM-NG	0	12/31/18		Withdrawn	
773	Charboneau Solar, LLC	Charboneau Solar	10/15/18	20	20	S	Essex, NY	F	Ticonderoga - Hague Road 115kV	NM-NG	0	4/30/19		Withdrawn	

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ATTACHMENT I

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 agreement to final scope for Optional Feasibility Study
3=	FES in Progress	Optional Feasibility Study is in Progress
4=	SRIS/SIS Pending	Scope of SIS/SRIS pending approval
5=	SIS/SRIS in Progress	SIS/SRIS is in Progress
6=	SIS/SRIS Approved	SIS report has been finalized/SRIS report has been 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 Developer's decision to elect to enter next Class Year Study
9=	FS in Progress	Class Year Facilities Study or Small Generator Facilities Study is in Progress
10=	Accepted Cost Allocation/ IA in Progress	Project accepted its System Upgrade Facilities Project Cost Allocation in a Class Year Study, if applicable, and Interconnection Agreement is under negotiation
11=	IA Completed	Interconnection Agreement is fully executed or filed unexecuted with FERC
12=	Under Construction	Project is under construction

ATTACHMENT I

13=	In Service for Test	Project is In-Service and is in Trial Operations
14=	In Service Commercial	Project is in Commercial Operation



New York Independent System Operator, Inc.

Semi-Annual Compliance Report on Demand Response Programs May 30, 2019

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 2019. As in previous years, this report focuses on enrolled demand response participation in preparation for the Summer Capability Period. 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 2018 Capability Period were reported in the NYISO's 2018 Annual Report on Demand Response Programs submitted on January 15, 2019 ("January 2019 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

¹ Capitalized terms not otherwise defined herein have the meaning set forth in Section 2 of the NYISO's Market Administration and Control Area Services Tariff ("Services Tariff").

² New York Indep. Sys. Operator, Inc. Jan. 15, 2019 Annual Report on Demand Response Programs, Docket No. ER01-3001-000.

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.

Table 1 identifies the number of curtailment service providers by the following organizational categories:⁴

- Aggregator an entity that enrolls individual retail electricity consumers within the same Load Zone that may be aggregated to form a single demand response resource;
- Competitive Load Serving Entity⁵ ("LSE") an entity authorized to supply Energy, Capacity and/or Ancillary Services to retail customers located within the New York Control Area ("NYCA");
- Transmission Owner⁶/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.

Table 1: Demand Response Service Providers by Provider Type

Provider Type	Number as of May 2019				
Aggregator	14				
Competitive LSE*	10				
TO LSE	1				
Total	25				

^{*} Competitive LSEs are LSEs that are not also TOs.

Since the NYISO's 2018 Semi-Annual Demand Response Report ("June 2018 Report"), ⁷ the number of curtailment service providers participating in the NYISO's demand response programs has decreased by three.

Tables 2 and 3 present enrollment statistics by Load Zone for EDRP and ICAP/SCR respectively. 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

⁴ Until 2018, the NYISO's Semi-Annual Demand Response Report identified four categories of curtailment service providers. In addition to the three categories described in this report, the NYISO identified an additional organizational category called "Direct Customer" for entities that registered as a Market Participant with the NYISO to participate on their own behalf in any of the NYISO's demand response programs. The NYISO is able to distinguish between the categories of curtailment service provider based on provider name and certain data provided by the Market Participant. The NYISO does not require Market Participants to identify the category of provider in which they fit. Over time, it became increasingly difficult to identify Direct Customers based on the information provided to the NYISO and to provide the Commission with an accurate accounting of such providers. To maintain better consistency of reporting and accuracy, the NYISO has removed the "Direct Customer" organizational category, and merged those providers into the Aggregator or Competitive LSE category as appropriate.

⁵ See Services Tariff Section 2.12.

⁶ See Services Tariff Section 2.20.

⁷ New York Indep. Sys. Operator, Inc. June 1, 2018 Semi-Annual Reports on Demand Response Programs and New Generation Projects, Docket No. ER03-647, *et al*.

load reduction. In addition, changes in the number of resources and enrolled MW since the June 2018 Report are shown by Load Zone.

Table 2 shows EDRP Enrollment and ICAP Unsold. Of the 56 end-use locations, 50 participated in the EDRP program and six were ICAP/SCRs with unsold capacity. Enrolled EDRP MW and ICAP Unsold increased 802.1% and end-use locations increased 36.6% since the June 2018 Report. The largest increase in enrolled MW and in end-use locations occurred in Load Zone J (NYC).

Table 2: EDRP Enrollment and ICAP Unsold (as of May 2019)

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 2018	Change in Total MW
A	*	0.0	0.0	0.0	*	0.0
В	*	0.1	0.0	0.1	*	0.1
С	*	0.0	0.0	0.0	*	0.0
D	*	0.0	0.0	0.0	*	0.0
Е	*	0.0	0.0	0.0	*	-0.1
F	*	0.0	0.0	0.0	*	0.0
G	*	0.0	0.0	0.0	*	0.0
Н	*	0.0	0.0	0.0	*	0.0
I	9	0.4	0.0	0.4	1	0.2
J	45	1.7	3.1	4.8	15	4.5
K	*	0.0	0.0	0.0	*	0.0
Total	56	2.2	3.1	5.3	15	4.7

^{*} 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 2019 ICAP Spot Market Auction (May is the first month of the Summer Capability Period). 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 4.4% compared with the same period reported in the June 2018 Report and the number of end-use locations decreased 3.7%.

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⁸ ICAP/SCRs with unsold capacity are those resources that did not sell their full available capacity.

Table 3: ICAP/SCR Sold (as of May 2019)

			ICAP Sold			
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 2018	Change in Total MW from May 2018
A	191	230.6	1.0	231.5	-44	-42.4
В	155	47.6	0.3	47.9	-29	-1.6
C	218	111.2	1.2	112.4	-20	-1.1
D	20	67.9	0.0	68.0	-1	9.9
Е	105	28.5	2.1	30.7	-6	-7.8
F	161	79.2	15.5	94.7	-15	13.9
G	142	55.0	14.6	69.6	-12	26.5
Н	28	9.1	2.5	11.6	1	4.2
I	122	21.3	17.6	38.9	12	21.6
J	1891	386.6	81.9	468.6	-35	69.3
K	319	37.1	8.6	45.7	20	8.2
Total	3352	1074.0	145.5	1219.5	-129	100.6

^{*} 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).

During the analysis period of November 2018 through April 2019, there were three Demand Side Resources actively participating in the DSASP as providers of Operating Reserves. The resources represented 116.5 MW of capability and had an average performance of 0.0% during this analysis period.

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

Update on 2019 Demand Response Initiatives

This section provides an update on the status of initiatives that the NYISO has been working on with its stakeholders to improve the administration of its demand response programs and to address regulatory directives to facilitate market participation. In particular, the NYISO has focused on:

- Continued Development of the Demand Response Information System ("DRIS");
- Enhancing Demand Response in the Real-Time Energy Market by developing a Distributed Energy Resource participation model

Continued Development of the Demand Response Information System

The NYISO successfully deployed software improvements to DRIS in Q1 2019. These deployments enhanced the user experience for NYISO Market Participants by streamlining the submission of certain resource enrollment documentation.

<u>Demand Response in the Real-Time Energy Market via the NYISO's Distributed Energy</u> Resources Roadmap for New York's Wholesale Electricity Markets

The NYISO initiated a project in 2016 to integrate Distributed Energy Resources ("DER"), including demand response, into its real-time Energy markets. The primary outcome of this initiative will be the integration of dispatchable DER in the NYISO's Energy, Ancillary Service and Capacity markets. In 2017 the NYISO published a DER Roadmap describing NYISO's vision for integrating these resources into the wholesale markets, and proposed a market design concept and tariff revisions in 2018. On April 24, 2019 the DER market design received an affirmative vote from the NYISO Management Committee. The NYISO will submit its proposed tariff revisions to the Commission, and continue the work necessary to implement the DER market design in 2019.

⁹ The NYISO's initiative to integrate distributed energy resources will also include concepts for participation in the NYISO's capacity and ancillary services markets.

¹⁰ New York Indep. Sys. Operator, Inc., *Distributed Resources Roadmap for New York's Wholesale Electricity Markets* (Feb. 2017), http://www.nyiso.com/public/webdocs/markets_operations/market_data/demand_response/DER_Roadmap/Distribut

http://www.nyiso.com/public/webdocs/markets_operations/market_data/demand_response/DER_Roadmap/Distred Energy Resources Roadmap.pdf.

¹¹ New York Indep. Sys. Operator, Inc., *Distributed Resources Market Design Concept Proposal* (Dec. 2017), http://www.nyiso.com/public/webdocs/markets_operations/committees/bic_miwg/meeting_materials/2017-12-19/Distributed%20Energy%20Resources%202017%20Market%20Design%20Concept%20Proposal.pdf.