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ATLANTIC CHAPTER

STERLING FOREST-HIGHLANDS COMMITTEE

P. O. Box 287  
Walden, NY 12586

August 25, 2015

2015 AUG 31 AM 11:06

Hon. Kathleen H. Burgess  
Secretary  
NYS Public Service Commission  
3 Empire State Plaza  
Albany, NY 12223-1350

Re: PSC Case 10-T-0139: Champlain Hudson Power  
Express (CHPE) HVDC Transmission Cable

Dear Secretary Burgess:

On April 18, 2013, CHPE was issued an Art. VII Permit for a 1,000 MGW HVDC transmission cable project connecting Quebec, Canada to New York City. The project includes one entry AC-DC Converter Station located at Hertel, Quebec, and one Exit DC-AC Converter Station located at Astoria, New York City.

Very recently, CHPE/TDI officials have confirmed a most significant proposal to modify the project by adding a third, mid-point AC-DC Converter Station to be located at the New Scotland Substation in Albany County.

CHPE has made a formal interconnection request to NYISO and has been assigned NYISO Interconnection Queue # 458 (see attached).

The magnitude of this major CHPE design change will have an enormous impact on all existing and proposed transmission and power plant projects from Utica to Long Island. It would appear that adding such a third AC-DC Converter Station would require a new PSC permit.

Please describe the permit requirements and procedures needed to approve, construct and operate an Albany County CHPE Converter Station, and whether the existing Case 10-T-0139 would be reopened for a permit modification, or whether a new permit with a new PSC case number would be necessary.

Sincerely,

Jürgen Wekerle, Co-Chair  
Sterling Forest-Highlands Committee  
Tel. 845/744-5116  
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Encl.

Interconnection Requests and Transmission Projects

Queue Pos.	Owner/Developer	Project Name	Date of IR	SP (MW)	WP (MW)	Type/ Fuel	Location County/State	Z	Interconnection Point	Utility	S	Last Update	Availability of Studies	FS Complete/ SGIA Tender	Proposed In-Service	Proposed COD
412	New York State Electric & Gas	Oakdale - Fraser 345	8/20/13	TBD	TBD	AC	Broome-Delaware, N C, E		Oakdale - Fraser 345kV	NYSEG	5	12/31/13	None		2017/05	
414	North America Transmission, LLC	New Scotland-Leeds-PV 345	9/5/13	TBD	TBD	AC	Albany-Dutchess, NY	F, G	New Scotland - P. Valley 345kV	NM-NG/ConEd	5	6/30/15	FES		2019	2019
417	NextEra Energy Transmission	Marcy - KB - PV 345 (3)	9/9/13	TBD	TBD	AC	Oneida-Dutchess, N	E, G	Marcy - P. Valley 345kV	NM-NG/NYP/ConEd	3	1/31/14	None		2017/07	2017/08
419	NextEra Energy Transmission	Marcy - NS - KB - PV 345	9/16/13	TBD	TBD	AC	Oneida-Dutchess, N	E, G	Marcy - P. Valley 345kV	NM-NG/NYP/ConEd	3	1/31/14	None		2017/07	2017/08
421	EDP Renewables North America	Arkwright Summit	11/1/13	78	78	W	Chautauqua, NY	A	Dunkirk - Falconer 115 kV	NM-NG	5	11/30/14	None		2015/08	2015/11
422	NextEra Energy Resources, LLC	Call Hill Wind	11/7/13	102	102	W	Steuben-Allegany, N	B	Andover - Palmiter 115kV	NG/NYSEG	3	10/31/14	None		2017/Q3	2017/Q4
424	Boundless Energy NE, LLC	Leeds Path West	11/26/13	TBD	TBD	AC	Greene-Westchester, NY	G-J	Leeds - Millwood 345kV	NM-NG/NYP/ConEd	4	6/30/15	FES		2017/06	2017/07
427	Island Park Energy Center, LLC	Island Park Energy Center CAPP	1/24/14	268	295	CT-NG	Nassau, NY	K	Barrett Power Station 138kV	LIPA	5	11/30/14	None		2019/02	2019/05
428	Island Park Energy Center, LLC	Island Park Energy Center SCPP	1/24/14	262	252	CT-NG	Nassau, NY	K	Barrett Power Station 138kV	LIPA	5	11/30/14	None		2017/02	2017/05
429	Orange & Rockland	North Rockland Station	2/12/14	TBD	TBD	AC	Rockland, NY	G	Line Y88 345kV	ConEd	5	6/30/14	None		2018/06	
430	H.Q. Energy Services U.S. Inc.	Cedar Rapids Transmission	3/5/14	TBD	TBD	AC	St. Lawrence, NY	E	Dennison - Alcoa 115kV	NM-NG	5	10/31/14	None		2017/Q1	
431	Greenidge Generation	Greenidge Unit #4	4/11/14	106.3	106.3	ST-C	Yates, NY	C	Greenidge Substation 115kV	NYSEG	9	7/31/15	SRIS		2015/Q4	2015/Q4
432	New York State Electric & Gas	South Perry Transformer	4/15/14	TBD	TBD	AC	Wyoming, NY	B	South Perry Substation 115kV	NYSEG	5	8/31/14	None		2017/12	
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	5	11/30/14	None		N/A	N/A
440	Erie Power, LLC	Erie Power	6/2/14	79.4	88	CC-NG	Chautauqua, NY	A	South Ripley Substation 230kV	NM-NG	7	7/31/15	SRIS		2016/04	2016/04
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	5	11/30/14	None		2017/12	2018/06
445	Lighthouse Wind, LLC	Lighthouse Wind	6/30/14	201.3	201.3	W	Niagara, NY	A	AES Somerset Substation 345kV	NYSEG	3	12/31/14	None		2017/09	2017/12
448	Alps Interconnector, LLC	Alps HVDC	8/12/14	600	600	DC	NE-Rensselaer, NY	F	Alps Substation 345kV	NM-NG	3	5/31/15	None		2019/06	2019/06
449	Stockbridge Wind, LLC	Stockbridge Wind	8/13/14	72.6	72.6	W	Madison, NY	E	Whitman - Oneida 115kV	NM-NG	3	2/28/15	None		2016/10	2016/12
458	TDI-USA Holdings, Inc.	NS Interconnection	10/24/14	1000	1000	DC	Albany - NY, NY	F, J	New Scotland - Astoria 345kV	NM-NG/NYP/ConEd	3	6/30/15	None		2018/Q4	2018/Q4
461	Consolidated Edison Co. of NY	East River 1 Uprate	12/1/14	2.1	2.1	CT-NG	New York, NY	J	East River Complex	ConEd	5	6/30/15	None		2014/12	2015/04
462	Consolidated Edison Co. of NY	East River 2 Uprate	12/1/14	2.1	2.1	CT-NG	New York, NY	J	East River Complex	ConEd	5	6/30/15	None		2015/04	2015/04
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	5	5/31/15	None		2016/06	2016/06
466	Atlantic Wind, LLC	Bone Run Win	12/16/14	148.5	148.5	W	Cattaraugus, NY	A	Falconer - Homer Hill 115kV	NM-NG	3	3/31/15	None		2019/11	2019/11
467	Invernergy Solar Development, LL	Tallgrass Solar	12/22/14	25	25	S	Suffolk, NY	K	Ridge - Wildwood 69kV	LIPA	5	5/31/15	None		2016/09	2016/11
468	Hudson North Country Wind 1, LLC	Galloo Island Wind	12/30/14	105.6	105.6	W	Oswego, NY	C	Hammermill - Wine Creek 115kV	NM-NG	3	6/30/15	None		2017/07	2017/12
469	NextEra Energy Transmission	Edic-PV 345	1/6/15	TBD	TBD	AC	Oneida-Dutchess, N	E, G	Edic - Pleasant Valley 345kV	NM-NG/ConEd	3	5/31/15	None		2019/09	2019/11
470	NextEra Energy Transmission	Knickerbocker 115	1/6/15	TBD	TBD	AC	Columbia-Rensselaer, NY	F	Greenbush - Churchtown 115kV	NM-NG/NYP/ConEd	3	6/30/15	None		2019/07	2019/08
471	NextEra Energy Transmission	Marcy-Princetown 345	1/6/15	TBD	TBD	AC	Oneida-Albany, NY	E, F	Marcy - Princetown 345kV	NM-NG/NYP/ConEd	3	6/30/15	None		2019/07	2019/08
472	NextEra Energy Transmission	Knickerbocker 345	1/6/15	TBD	TBD	AC	Rensselaer-Dutchess, NY	F	Knickerbocker - P. Valley 345kV	NM-NG/ConEd	3	6/30/15	None		2019/01	2019/02
473	Calverton Solar LLC	Calverton Solar	1/21/15	10	10	S	Suffolk, NY	K	Riverhead - Wildwood 69kV	LIPA	2	5/31/15	None		2016/09	2016/09
474	EDP Renewables North America	North Slope Wind	1/30/15	200	200	W	Franklin-Clinton, NY	D	Willis - Plattsburgh 230kV	NYP/ConEd	2	2/28/15	None		2017/11	2017/11
476	NYSEG/National Grid	Edic-PV, Oakdale-Fraser	2/12/15	TBD	TBD	AC	Oneida-Delaware, N	E	Edic-PV, Oakdale-Fraser 345kV	NM-NG/NYP/ConEd	4	2/28/15	None		2019/09	2019/09
477	Riverhead Solar Farm LLC	Riverhead Solar	2/18/15	20	20	S	Suffolk, NY	K	Edwards Substation 138kV	LIPA	3	6/30/15	None		2016/10	2016/10
478	Central Hudson Gas & Electric	Hurley Ave PARs	2/17/15	TBD	TBD	AC	Dutchess, NY	G	Hurley Ave 345kV	CHGE/AM-NG/NYP/ConEd	5	6/30/15	None		2019/06	2019/06
479	Central Hudson Gas & Electric	Edic-NS, Hurley PARs	2/17/15	TBD	TBD	AC	Oneida-Dutchess, N	E-G	Edic-NS, Hurley Ave 345kV	NM-NG/NYP/ConEd	5	6/30/15	None		2019/07	2019/07
480	National Grid	Edic-NS, Knickerbocker-PV	2/20/15	TBD	TBD	AC	Oneida-Dutchess, N	E-G	Edic-NS, Knickerbocker-PV 345kV	NM-NG/ConEd	4	2/28/15	None		2019/09	2019/09
481	National Grid	Leeds - Pleasant Valley	2/20/15	TBD	TBD	AC	Greene-Dutchess, N	G	Leeds - P. Valley 345kV	NM-NG/ConEd	4	2/28/15	None		2019/02	2019/02
482	National Grid	Edic-NS, NS-Leeds-PV	2/20/15	TBD	TBD	AC	Oneida-Dutchess, N	E, G	Edic-NS, NS-Leeds-PV 345kV	NM-NG/ConEd	4	2/28/15	None		2018/06	2018/06
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	4	2/28/15	None		2019/09	2019/09
484	National Grid	Edic-NS, NS-Leeds, Leeds-PV	2/20/15	TBD	TBD	AC	Oneida-Dutchess, N	E, G	Edic-NS, NS-Leeds, Leeds-PV 345kV	NM-NG/ConEd	4	2/28/15	None		2020/02	2020/02
485	National Grid	Knickerbocker-PV	3/4/15	TBD	TBD	AC	Columbia-Dutchess, NY	F, G	Knickerbocker - P. Valley 345kV	NM-NG/ConEd	4	3/31/15	None		2019/09	2019/09
486	LI Energy Storage System	Buell Battery Storage	3/9/15	20	20	ES	Suffolk, NY	K	East Hampton Substation 69kV	LIPA	2	5/31/15	None		2018/10	2018/10
487	LI Energy Storage System	Far Rockaway Battery Storage	3/9/15	20	20	ES	Suffolk, NY	K	Far Rockaway Substation 69kV	LIPA	2	5/31/15	None		2018/10	2018/10
488	LI Energy Storage System	Glenwood Battery Storage	3/9/15	20	20	ES	Suffolk, NY	K	Glenwood Substation 69kV	LIPA	2	5/31/15	None		2018/10	2018/10