

# APPENDIX A

## FACILITIES INCLUDED IN THIS REVIEW

This page intentionally blank.

APPENDIX A

FACILITIES INCLUDED IN THIS REVIEW

A.1	Existing New York State Bulk Power Transmission And Generation Facilities	4
A.2	New York Control Area Proposed Bulk Power Transmission Facilities	19

## Existing New York State Bulk Power Transmission Facilities

Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
MSC-7040	Chateauguay (HQ)	765	Massena	765
BK 1	Marcy	765	Marcy	345
BK 2	Marcy	765	Marcy	345
BK 1	Massena	765	Massena (MMS1)	230
BK 2	Massena	765	Massena (MMS2)	230
MSU1	Massena	765	Marcy	765
5018	Branchburg	500	Ramapo	500
BK 1500	Ramapo	500	Ramapo	345
M29	Academy	345	Sprain Brook	345
2	Alps	345	New Scotland	345
393	Alps	345	Berkshire (ISO-NE)	345
1-AR	Alps	345	Reynolds Road	345
Q35L	Astoria	345	E. 13th St C	345
Q35M	Astoria	345	E. 13th St D	345
G13	Astoria Annex	345	Astoria Energy	345
PAR-1	Astoria Annex	345	Astoria Annex	345
TR-1	Astoria Annex	345	Astoria Annex	138
91	Athens	345	Pleasant Valley	345
95	Athens	345	Leeds	345
CC1	Athens	345	Athens CC/ST #1	18
CC2	Athens	345	Athens CC/ST #2	18
CC3	Athens	345	Athens CC/ST #3	18
G27	Bayonne	345	Gowanus	345
PA301	Beck (IESO) A	345	Niagara	345
PA302	Beck (IESO) B	345	Niagara	345
68	Bowline	345	Ladentown	345
1	Bowline Point	345	Bowline Point #1	20
2	Bowline Point	345	Bowline Point #2	20
67-1	Bowline Point	345	W. Haverstraw	345
BK TA5	Buchanan N.	345	Buchanan TA5	138
W93	Buchanan N.	345	Eastview 2N	345
W95	Buchanan N.	345	Indian Point #2	22
W95	Buchanan N.	345	Indian Point #2	345
Y94	Buchanan N.	345	Ramapo	345
W96	Buchanan S.	345	Indian Point #3	22
W96	Buchanan S.	345	Indian Point #3	345
W97	Buchanan S.	345	Millwood	345

Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
W98	Buchanan S.	345	Millwood	345
Y88	Buchanan S.	345	Ladentown	345
36	Clarks Corners	345	Oakdale	345
16893	Clarks Corners	345	Lafayette	345
BK 1	Clarks Corners	345	Clarks Corners	115
BK 2	Clarks Corners	345	Clarks Corners	115
6	Clay	345	Volney	345
8	Clay	345	Nine Mile Point #1	345
13	Clay	345	Dewitt	345
26	Clay	345	Independence	345
1-16	Clay	345	Edic	345
2-15	Clay	345	Edic	345
BK 1	Clay	345	Clay	115
BK 2	Clay	345	Clay	115
PC1	Clay	345	Pannell Rd	345
PC2	Clay	345	Pannell Rd	345
33	Coopers Corners	345	Fraser	345
BK 2	Coopers Corners	345	Coopers Corners	115
BK 3	Coopers Corners	345	Coopers Corners	115
CCDA42	Coopers Corners	345	Dolson Ave	345
CCRT-34	Coopers Corners	345	Rock Tavern/Middletown	345
UCC2-41	Coopers Corners	345	Marcy	345
F83	Cricket Valley	345	Pleasant Valley	345
F84	Cricket Valley	345	Pleasant Valley	345
398	Cricket Valley	345	Long Mountain (NE)	345
MSUT-1	Cricket Valley	345	Cricket Valley	18
MSUT-2	Cricket Valley	345	Cricket Valley	18
MSUT-3	Cricket Valley	345	Cricket Valley	18
22	Dewitt	345	Lafayette	345
BK 2	Dewitt	345	Dewitt	115
DART44	Dolson Ave	345	Rock Tavern	345
501	Duffy Ave	345	Newbridge Road	345
71	Dunwoodie	345	Mott Haven	345
72	Dunwoodie	345	Mott Haven	345
W73/BK S1	Dunwoodie	345	Dunwoodie South	138
W74/BK N1	Dunwoodie	345	Dunwoodie North	138
W75	Dunwoodie	345	Sprain Brook	345
W89	Dunwoodie	345	Pleasantville	345

Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
W90	Dunwoodie	345	Pleasantville	345
Y50	Dunwoodie	345	Shore Road	345
BK 17	E. 13th St	345	E. 13th St	69
45	E. 13th St A	345	Farragut	345
BK 14	E. 13th St A	345	E. 13th St	138
BK 15	E. 13th St A	345	E. 13th St	138
M54	E. 13th St A	345	W. 49th St.	345
46	E. 13th St B	345	Farragut	345
BK 12	E. 13th St B	345	E. 13th St	138
BK 13	E. 13th St B	345	E. 13th St	138
M55	E. 13th St B	345	W. 49th St.	345
B47	E. 13th St C	345	Farragut	345
BK 16	E. 13th St C	345	E. 13th St	138
48	E. 13th St D	345	Farragut	345
BK 10	E. 13th St D	345	E. 13th St	138
BK 11	E. 13th St D	345	E. 13th St	138
305	E. Fishkill	345	Roseton	345
BK 1	E. Fishkill	345	E. Fishkill	115
BK 2	E. Fishkill	345	E. Fishkill	115
F36	E. Fishkill	345	Pleasant Valley	345
F37	E. Fishkill	345	Pleasant Valley	345
F38/Y86	E. Fishkill	345	Wood St/Pleasantville	345
F39/Y87	E. Fishkill	345	Wood St/Pleasantville	345
BK 1	E. Garden City	345	E. Garden City	138
BK 2	E. Garden City	345	E. Garden City	138
PAR1	E. Garden City	345	E. Garden City	345
PAR2	E. Garden City	345	E. Garden City	345
Y49	E. Garden City	345	Sprain Brook	345
1N*	Eastview	345	Eastview	138
1S*	Eastview	345	Eastview	138
2N*	Eastview	345	Eastview	138
2S*	Eastview	345	Eastview	138
W64	Eastview 1N	345	Sprain Brook	345
W99	Eastview 1N	345	Millwood	345
W78	Eastview 1S	345	Sprain Brook	345
W85	Eastview 1S	345	Millwood	345
W79	Eastview 2N	345	Sprain Brook	345
W65	Eastview 2S	345	Sprain Brook	345

Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
W82	Eastview 2S	345	Millwood	345
14	Edic	345	New Scotland	345
17/BK 2	Edic	345	Porter	230
BK 3	Edic	345	Porter	115
BK 4	Edic	345	Porter	115
BK 5	Edic	345	Edic	115
BK 6	Edic	345	Edic	115
EF24-40	Edic	345	Fraser	345
FE-1	Edic	345	Fitzpatrick	345
UE1-7	Edic	345	Marcy	345
17-EO	Elbridge	345	Oswego	345
17-LE	Elbridge	345	Lafayette	345
BK 1	Elbridge	345	Elbridge	115
41	Farragut	345	Gowanus	345
42	Farragut	345	Gowanus	345
61	Farragut	345	Rainey	345
62	Farragut	345	Rainey	345
63	Farragut	345	Rainey	345
B3402	Farragut	345	Hudson A	345
BK 1*	Farragut	345	Farragut	138
BK 10	Farragut	345	Farragut	138
BK 2*	Farragut	345	Farragut	138
BK 3*	Farragut	345	Farragut	138
BK 4*	Farragut	345	Farragut	138
BK 5*	Farragut	345	Farragut	138
BK 6*	Farragut	345	Farragut	138
BK 7*	Farragut	345	Farragut	138
BK 8	Farragut	345	Farragut	138
BK 9	Farragut	345	Farragut	138
C3403	Farragut	345	Hudson B	345
TR11	Farragut	345	Farragut PAR (B3402)	345
TR12	Farragut	345	Farragut PAR (C3403)	345
1	Fitzpatrick	345	Fitzpatrick	24
FS-10	Fitzpatrick	345	Scriba	345
BK1	Five Mile Rd	345	Five Mile Rd	115
29	Five Mile Road	345	Stolle Road	345
37	Five Mile Road	345	Piercebrook	345
32	Fraser	345	Oakdale	345

Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
BK 2	Fraser	345	Fraser	115
GF5-35	Fraser	345	Gilboa	345
20	Arthur Kill #3	345	Fresh Kills	345
20/TR3	Fresh Kills	345	Arthur Kill #3	22
21	Fresh Kills	345	Goethals	345
22	Fresh Kills	345	Goethals	345
TA 1	Fresh Kills	345	Fresh Kills R	138
TB 1	Fresh Kills	345	Fresh Kills R	138
1	Gilboa	345	Gilboa #1	17
2	Gilboa	345	Gilboa #2	17
3	Gilboa	345	Gilboa #3	17
4	Gilboa	345	Gilboa #4	17
GL3	Gilboa	345	Leeds	345
GNS-1	Gilboa	345	New Scotland	345
BK 1	Goethals	345	Goethals	230/13
BK 1N	Goethals	345	Goethals	345
G23L	Goethals	345	Linden Cogen	345
G23M	Goethals	345	Linden Cogen	345
25	Goethals	345	Gowanus	345
BK 2	Gowanus	345	Gowanus	138
26	Goethals	345	Gowanus	345
BK 14	Gowanus	345	Gowanus	138
37	Homer City	345	Stolle Rd	345
47	Homer City	345	Mainesburg	345
48	Homer City	345	Piercebrook	345
Y56	Hudson HVdc	345	W. 49th St	345
HR1	Henrietta (S. 255)	345	Rochester Station #80	345
HR2	Henrietta (S. 255)	345	Rochester Station #80	345
40	Henrietta (S. 255)	345	Rochester Station #80	345
BK1	Henrietta (S. 255)	345	Henrietta (S. 255)	115
BK2	Henrietta (S. 255)	345	Henrietta (S. 255)	115
SHI-39	Henrietta (S. 255)	345	Kintigh (Somerset)	345
301	Hurley Ave	345	Leeds	345
303	Hurley Ave	345	Roseton	345
BK 1	Hurley Ave	345	Hurley Ave	115
25	Independence	345	Scriba	345
27	Independence	345	Sithe Independence #1	18
28	Independence	345	Sithe Independence #2	18



Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
NS1-38	Kintigh (Somerset)	345	Niagara	345
67	Ladentown	345	W. Haverstraw	345
W72	Ladentown	345	Ramapo	345
92	Leeds	345	Pleasant Valley	345
93	Leeds	345	New Scotland	345
94	Leeds	345	New Scotland	345
398	Long Mtn. (ISO-NE)	345	Pleasant Valley	345
30	Mainesburg	345	Watercure	345
18	Marcy	345	New Scotland	345
19	Marcy	345	Volney	345
TA 1	Millwood	345	Millwood	138
TA 2	Millwood	345	Millwood	138
F30/W80	Millwood	345	Wood St/Pleasant Valley	345
F31/W81	Millwood	345	Wood St/Pleasant Valley	345
BK 6*	Mott Haven	345	Mott Haven	138
BK 7*	Mott Haven	345	Mott Haven	138
BK 8*	Mott Haven	345	Mott Haven	138
BK 9*	Mott Haven	345	Mott Haven	138
Q11	Mott Haven	345	Rainey	345
Q12	Mott Haven	345	Rainey	345
BK 1	New Scotland	345	New Scotland	115
BK 2	New Scotland	345	New Scotland	115
BUS TIE	New Scotland	345	New Scotland	345
BK 3	Niagara	345	Niagara	230
BK 4	Niagara	345	Niagara	230
BK 5	Niagara	345	Niagara	230
NH2	Niagara	345	Henrietta (S. 255)	345
2	Nine Mile Point	345	Nine Mile Point #1	23
9	Nine Mile Point	345	Scriba	345
23	Nine Mile Point #2	345	Scriba	345
31	Oakdale	345	Watercure	345
BK 2	Oakdale	345	Oakdale	115/34.5
BK 3	Oakdale	345	Oakdale	115
5	Oswego	345	Oswego #5	22
6	Oswego	345	Oswego #6	22
11	Oswego	345	Volney	345
12	Oswego	345	Volney	345
BK 7	Oswego	345	Oswego	115

Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
BK 1	Pannell Road	345	Pannell Road	115
BK 2	Pannell Road	345	Pannell Road	115
BK 3	Pannell Road	345	Pannell Road	115
RP1	Pannell Road	345	Rochester Station #80	345
RP2	Pannell Road	345	Rochester Station #80	345
BK S1	Pleasant Valley	345	Pleasant Valley	115
F30	Pleasant Valley	345	Wood St.	345
F31	Pleasant Valley	345	Wood St.	345
BK 1	Pleasantville	345	Pleasantville	13
BK 2	Pleasantville	345	Pleasantville	13
Y86	Pleasantville	345	Wood St.	345
Y87	Pleasantville	345	Wood St.	345
TR5E/PAR5	Rainey	345	Corona	138
30	Rainey	345	Ravenswood #3	22
60L	Rainey	345	Ravenswood	345
60M	Rainey	345	Ravenswood	345
BK 2E*	Rainey	345	Rainey	138
BK 3W*	Rainey	345	Rainey	138
BK 7E*	Rainey	345	Rainey	138
BK 7W*	Rainey	345	Rainey	138
BK 8E	Rainey	345	Rainey	138
BK 8W*	Rainey	345	Rainey	138
BK 9E*	Rainey	345	Rainey	138
69	Ramapo	345	S. Mahwah A	345
70	Ramapo	345	S. Mahwah B	345
76	Ramapo	345	Sugarloaf/Rock Tavern	345
77	Ramapo	345	Rock Tavern	345
PAR3500	Ramapo	345	Ramapo	345
PAR4500	Ramapo	345	Ramapo	345
BK 2	Reynolds Road	345	Reynolds Road	115
BK 1	Rochester Station #80	345	Rochester Station #80	115
BK 2	Rochester Station #80	345	Rochester Station #80	115
BK 3	Rochester Station #80	345	Rochester Station #80	115
BK 5	Rochester Station #80	345	Rochester Station #80	115
311	Rock Tavern	345	Roseton	345
BK TR1	Rock Tavern	345	Rock Tavern	115
BK TR3	Rock Tavern	345	Rock Tavern	115
1	Roseton	345	Roseton #1	20

Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
2	Roseton	345	Roseton #2	20
BK 258	S. Mahwah	345	S. Mahwah	138
J3410	S. Mahwah A	345	Waldwick	345
K3411	S. Mahwah B	345	Waldwick	345
20	Scriba	345	Volney	345
21	Scriba	345	Volney	345
BK 1	Scriba	345	Scriba	115
BK 2	Scriba	345	Scriba	115
1	Kintigh (Somerset)	345	Somerset	24
BK 1	Shore Road	345	Shore Road	138
BK 2	Shore Road	345	Shore Road	138
BK N7	Sprain Brook	345	Sprain Brook	138
BK S6	Sprain Brook	345	Sprain Brook	138
M51	Sprain Brook	345	W. 49th St	345
M52	Sprain Brook	345	W. 49th St	345
X28	Sprain Brook	345	Tremont	345
BK 3	Stolle Road	345	Stolle Road	115
BK 4	Stolle Road	345	Stolle Road	115
11	Tremont	345	Tremont	138
12	Tremont	345	Tremont	138
BK 1	W. 49th St	345	W. 49th St	138
BK 2*	W. 49th St	345	W. 49th St	138
BK 3*	W. 49th St	345	W. 49th St	138
BK 4*	W. 49th St	345	W. 49th St	138
BK 5*	W. 49th St	345	W. 49th St	138
Y56	W. 49th St	345	Hudson HVdc	345
BK 194	West Haverstraw	345	West Haverstraw	138
BK 1	Watercure	345	Watercure	230
BK 2	Watercure	345	Watercure	230
BK 1	Wood Street	345	Wood Street	115
BK 2	Wood Street	345	Wood Street	115
13	Adirondack	230	Chases Lake	230
12-AP	Adirondack	230	Porter	230
MA1	Adirondack	230	Moses	230
MA2	Adirondack	230	Moses	230
E205W	Bear Swamp (NE)	230	Eastover Rd.	230
BP76	Beck (IESO)	230	Packard	230
PA27	Beck (IESO)	230	Niagara	230

Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
60	Canandaigua	230	Meyer	230
68	Canandaigua	230	Stoney Ridge	230
11	Chases Lake	230	Porter	230
DP1	Duley	230	Plattsburgh	230
PND-1	Duley	230	Patnode	230
68	Dunkirk	230	S. Ripley	230
73	Dunkirk	230	Gardenville	230
74	Dunkirk	230	Gardenville	230
70	E.Towanda	230	Hillside	230
38	Eastover Rd.	230	Rotterdam	230
TB 1	Eastover Rd.	230	Eastover Rd.	115
TB 2	Eastover Rd.	230	Eastover Rd.	115
17	Edic	230	Porter	230
70	Elm St	230	Huntley	230
71	Elm St	230	Gardenville	230
72	Elm St	230	Gardenville	230
69	Erie East (PJM)	230	S. Ripley	230
66	Gardenville	230	Stolle Rd	230
79	Gardenville	230	Huntley	230
80	Gardenville	230	Huntley	230
BK 2	Gardenville	230	Gardenville	115
BK 3	Gardenville	230	Gardenville	115
BK 4	Gardenville	230	Gardenville	115
BK 6	Gardenville	230	Gardenville	115/34.5
BK 7	Gardenville	230	Gardenville	115/34.5
T8-12	Gardenville (NGrid)	230	Gardenville (NYSEG)	230
A2253	Goethals	230	Linden (PJM)	230
67	High Sheldon	230	Stolle Rd	230
81	High Sheldon	230	Stoney Creek	230
69	Hillside	230	Watercure	230
72	Hillside	230	Stoney Ridge	230
BK 3	Hillside	230	Hillside	115/34.5
BK 4	Hillside	230	Hillside	115/34.5
77	Huntley	230	Packard	230
BK 670	Huntley	230	Huntley #67	13
BK 680	Huntley	230	Huntley #68	13
78	Huntley	230	Packard	230
MMS1	Massena	230	Moses	230

Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
MMS2	Massena	230	Moses	230
85/87	Meyer	230	Wethersfield	230
BK 4	Meyer	230	Meyer	115/34.5
BK 1	Moses	230	Moses	115
BK 2	Moses	230	Moses	115
BK 3	Moses	230	Moses	115
BK 4	Moses	230	Moses	115
L33P	Moses	230	St. Lawrence (IESO)	230
L34P	Moses	230	St. Lawrence (IESO)	230
MW1	Moses	230	Willis	230
MW2	Moses	230	Willis	230
61	Niagara	230	Packard	230
62	Niagara	230	Packard	230
64	Niagara	230	Robinson Rd	230
2332	Niagara	230	Niagara	230
2342	Niagara	230	Niagara	230
BK T1	Niagara	230	Niagara	115
BK T2	Niagara	230	Niagara	115
N Bus Tie	Niagara	230	Niagara	230
S Bus Tie	Niagara	230	Niagara	230
71	Oakdale	230	Watercure	230
BK 1	Oakdale	230	Oakdale	115
3	Packard	230	Packard	115
4	Packard	230	Packard	115
WPN1	Patnode	230	Willis	230
BK 1	Plattsburgh	230	Plattsburgh	115
BK 4	Plattsburgh	230	Plattsburgh	115
RYP-2	Plattsburgh	230	Ryan	230
30	Porter	230	Rotterdam	230
31	Porter	230	Rotterdam	230
BK 1	Porter	230	Porter	115
BK 2	Porter	230	Porter	115
65	Robinson Road	230	Stolle Road	230
BK 1	Robinson Road	230	Robinson Road	115/34.5
WRY-2	Ryan	230	Willis	230
83	Stony Creek	230	Wethersfield	230
BK 1	Academy 1	138	Academy 1	138
BK 8	Academy 8	138	Academy 8	138

Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
34124L&M	Astoria E	138	Astoria #4	138
34125L&M	Astoria E	138	Astoria #5	138
24121	Astoria W	138	Astoria #3	138
24122	Astoria W	138	Astoria #3	138
24124L&M	Astoria W	138	Astoria #4	138
24125L&M	Astoria W	138	Astoria #5	138
563	Bagatelle Rd.	138	Newbridge Road	138
564	Bagatelle Rd.	138	Pilgrim	138
291	Barrett	138	Valley Stream	138
292	Barrett	138	Valley Stream	138
459	Barrett	138	Freeport	138
PAR	Barrett	138	Barrett PAR	138
861	Brookhaven	138	Wildwood	138
864	Brookhaven	138	Edward Ave	138
874	Brookhaven	138	Sills Road	138
887	Brookhaven	138	Sills Road	138
95891	Buchanan GT	138	Buchanan TA5	138
361	Carle Place	138	E. Garden City	138
363	Carle Place	138	Glenwood	138
883	Central Islip	138	Ronkonkoma	138
889	Central Islip	138	Hauppauge	138
BK N1	Dunwoodie	138	Dunwoodie	138
BK N2	Dunwoodie	138	Dunwoodie	138
BK S1	Dunwoodie	138	Dunwoodie	138
BK S2	Dunwoodie	138	Dunwoodie	138
262	E. Garden City	138	Valley Stream	138
261	E. Garden City	138	Valley Stream	138
362	E. Garden City	138	Roslyn	138
462	E. Garden City	138	Newbridge Road	138
463	E. Garden City	138	Newbridge Road	138
465	E. Garden City	138	Newbridge Road	138
467	E. Garden City	138	Newbridge Road	138
893	Edward Ave	138	Riverhead	138
673	Elwood	138	Greenlawn	138
674	Elwood	138	Oakwood	138
678	Elwood	138	Northport	138
681	Elwood	138	Northport	138
461	Freeport	138	Newbridge Road	138

Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
PAR1	Fresh Kills (AK)	138	Fresh Kills PAR	138
PAR2	Fresh Kills (AK)	138	Fresh Kills PAR	138
365	Glenwood	138	Shore Road	138
366-1	Glenwood	138	Shore Road	138
366-2	Glenwood	138	Glenwood GT	138
364	Glenwood GT	138	Roslyn	138
676	Greenlawn	138	Syosset	138
871	Hauppauge	138	Pilgrim	138
872	Holbrook	138	Sills Road	138
884	Holbrook	138	North Shore Beach	138
885	Holbrook	138	Miller Place	138
888	Holbrook	138	West Bus	138
862	Holbrook	138	Port Jefferson	138
875	Holbrook	138	Ronkonkoma	138
882	Holbrook	138	Ruland Road	138
886	Holbrook	138	Port Jefferson	138
818	Holtsville	138	Union Ave	138
876	Holtsville	138	West Bus	138
877	Holtsville	138	West Bus	138
903	Jamaica	138	Lake Success	138
901 L&M	Jamaica	138	Valley Stream	138
367	Lake Success	138	Shore Road	138
368	Lake Success	138	Shore Road	138
PAR	Lake Success	138	Lake Success PAR	138
558	Locust Grove	138	Newbridge	138
559	Locust Grove	138	Syosset	138
879	Miller Place	138	Shoreham	138
561	Newbridge Road	138	Ruland Road	138
562	Newbridge Road	138	Ruland Road	138
567	Newbridge Road	138	Ruland Road	138
878	North Shore Beach	138	Wading River	138
1	Northport	138	Northport #1	22
2	Northport	138	Northport #2	22
3	Northport	138	Northport #3	22
4	Northport	138	Northport #4	22
672	Northport	138	Pilgrim	138
677	Northport	138	Pilgrim	138
679	Northport	138	Pilgrim	138

Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
1385 (601, 602, 603)	Northport	138	Norwalk Harbor	138
PAR 1	Northport	138	Northport	138
PS2	Northport	138	Northport	138
675	Oakwood	138	Syosset	138
661	Pilgrim	138	Ruland Road	138
662	Pilgrim	138	Ruland Road	138
881	Pilgrim	138	West Bus	138
PAR	Pilgrim	138	Pilgrim PAR	138
36311	Rainey	138	Vernon	138
36312	Rainey	138	Vernon	138
890	Riverhead	138	Wildwood	138
863	Shoreham	138	Wildwood	138
867	Shoreham	138	Wildwood	138
891	Shoreham	138	Wading River	138
873	Sills Road	138	West Bus	138
PAR11	Tremont	138	Tremont PAR 11	138
PAR12	Tremont	138	Tremont PAR 12	138
PAR	Valley Stream	138	Valley Stream	138
10	Vernon	138	Ravenswood #1	20
20	Vernon	138	Ravenswood #2	20
1-BP	Boonville	115	Porter	115
2-BP	Boonville	115	Porter	115
3	Clay	115	Dewitt	115
4	Clay	115	South Oswego	115
5	Clay	115	Dewitt	115
10	Clay	115	Teall Ave.	115
11	Clay	115	Teall Ave.	115
14	Clay	115	Lockheed (GE)	115
17	Clay	115	Woodard	115
7-CL	Clay	115	Lighthouse Hill	115
8	Deerfield	115	Porter	115
9	Deerfield	115	Porter	115
20	Edic	115	Porter	115
1	Ginna	115	Ginna	16
912	Ginna	115	Pannell Rd.	115
908-1	Ginna	115	Pannell Rd.	115
7X8272	Mortimer	115	Sta#82	115
7	Oneida	115	Porter	115



Facility Identifier	Terminal A	Nominal Voltage	Terminal B	Nominal Voltage
PAR3	Plattsburgh	115	Plattsburgh	115
PV20	Plattsburgh	115	South Hero	115
3	Porter	115	Yahundasis	115
4	Porter	115	Valley	115
5	Porter	115	Watkins Rd.	115
6	Porter	115	Terminal	115
13	Porter	115	Schuyler	115
10	Edic	115	Porter	115

Note:

- \* These elements serve radial portions of the system.

Generators		
Arthur Kill 2	CogenTech CC	Northport 1
Arthur Kill 3	CPV Valley	Northport 2
Astoria 3	Cricket Valley Energy Center	Northport 3
Astoria 5	Empire	Northport 4
Astoria Energy II	Fitzpatrick	NYP&A Astoria CC
Athens CC1	Gilboa 1	Oswego 5
Athens CC2	Gilboa 2	Oswego 6
Athens CC3	Gilboa 3	Ravenswood 1
Bayonne	Gilboa 4	Ravenswood 2
Bethlehem	Ginna	Ravenswood 3
Bowline 1	Independence	Roseton 1
Bowline 2	Nine Mile 1	Roseton 2
Caithness	Nine Mile 2	SCS Astoria Energy

#### Series Capacitors

Facility Identifier	Terminal	Nominal Voltage
Coopers Corners	Marcy	345
Coopers Corners	Fraser	345
Edic	Fraser	345

#### STATCOM/SVC Devices

Facility Identifier	Nominal Voltage
Marcy	345
Leeds	345
Fraser	345

**Capacitors**

Facility Identifier	Terminal	Nominal Voltage
A	Coopers Corners	345
B	Coopers Corners	345
1	E. Fishkill	345
2	E. Fishkill	345
1	Edic	345
1	Fraser	345
2	Fraser	345
1	Gilboa	345
1	Leeds	345
2	Leeds	345
1	Marcy	345
2	Marcy	345
13	Millwood	345
17	Millwood	345
1	New Scotland	345
2	New Scotland	345
3	New Scotland	345
1	Oakdale	345
1	Rochester Station #80	345
1	Rock Tavern	345
2	Rock Tavern	345
3	Rotterdam	230
4	Rotterdam	230
1	Clay	115
1	Porter	115

**Shunt Reactors**

Facility Identifier	Terminal	Nominal Voltage
7223	Marcy	765
7122	Massena	765
7222	Massena	765
R1	Astoria	345
R2	Astoria	345
R1	Coopers Corners	345
1	Dunwoodie	345
R1	E. Garden City	345
R2	E. Garden City	345
R11	E. 13 <sup>th</sup> St	345
R13	E. 13 <sup>th</sup> St	345
R14	E. 13 <sup>th</sup> St	345
R11	Farragut	345
R12	Farragut	345
25	Goethals	345
26	Goethals	345
R4	Gowanus	345
R16	Gowanus	345
1E	Rainey	345
5W	Rainey	345
1	Shore Road	345
2N1	Sprain Brook	345
2N2	Sprain Brook	345
4S1	Sprain Brook	345
4S2	Sprain Brook	345
5S1	Sprain Brook	345
5S2	Sprain Brook	345
6A	Sprain Brook	345
TN-1	Goethals	13
TN-2	Goethals	13

## New York Control Area Proposed Bulk Power Transmission Facilities List

Transmission Owner	Terminals		Expected In-Service		Nominal Voltage in kV		# of Circuits	Thermal Ratings	
	From	To	Prior To	Year	Operating	Design		Summer	Winter
ConEd	Rainey	Corona	S	2023	345/138	345/138		N/A	N/A
ConEd	Cricket Valley	Dover (New Station)	W	2023	345	345	1	2220	2700
ConEd	Dover (New Station)	CT State Line	W	2023	345	345	1	2220	2700
ConEd	Gowanus	Greenwood	S	2025	345/138	345/138		N/A	N/A
ConEd	Goethals	Fox Hills	S	2025	345/138	345/138		N/A	N/A
LIPA	Riverhead	Wildwood	S	2021	138	138	1	1399	1709
LSP	Gordon Rd (New Station)	Rotterdam	S	2022	345/230	345/230	2	478 MVA	478 MVA
LSP	Gordon Rd (New Station)	Princeton (New Station)	S	2023	345	345	1	3410	3709
LSP	Princeton (New Station)	New Scotland	S	2023	345	345	2	3410	3709
LSP	Gordon Rd (New Station)	Gordon Rd (New Station)	S	2029	345/230	345/230	1	478 MVA	478 MVA
LSP	Gordon Rd (New Station)	Rotterdam	S	2029	345/115	345/115	2	650 MVA	650 MVA
LSP/NGRID	Edic	Gordon Rd (New Station)	S	2022	345	345	1	2228	2718
LSP/NGRID	Gordon Rd (New Station)	New Scotland	S	2022	345	345	1	2228	2718
LSP/NGRID	Princeton (New Station)	New Scotland	S	2023	345	345	1	2228	2718
LSP/NYPA/NGRID	Edic	Princeton (New Station)	W	2023	345	345	2	3410	3709
New York Transco	Knickerbocker (New Station)	Pleasant Valley	W	2023	345	345	1	3862	4103
New York Transco/Con Ed	Van Wagner (New Station)	Pleasant Valley	W	2023	345	345	1	3126	3704
New York Transco/Con Ed	Van Wagner (New Station)	Pleasant Valley	W	2023	345	345	1	3126	3704
NextEra Energy Transmission NY	Dysinger (New Station)	East Stolle (New Station)	S	2022	345	345	1	1356 MVA	1612 MVA
NextEra Energy Transmission NY	Dysinger (New Station)	Dysinger (New Station)	S	2022	345	345	1	700 MVA	700 MVA
NGRID	Knickerbocker (New Station)	New Scotland	W	2023	345	345	1	2381	3099
NGRID	Knickerbocker (New Station)	Alps	W	2023	345	345	1	2552	3134
NGRID	Athens	Van Wagner (New Station)	W	2023	345	345	1	2228	2718
NGRID	Leeds	Van Wagner (New Station)	W	2023	345	345	1	2228	2718

Transmission Owner	Terminals		Expected In-Service		Nominal Voltage in kV		# of Circuits	Thermal Ratings	
	From	To	Prior To	Year	Operating	Design		Summer	Winter
NGRID	Gordon Rd (New Station)	Eastover Rd	S	2029	230	230	1	1114	1284
NYSEG	Wood Street	Wood Street	W	2022	345/115	345/115	1	327 MVA	378 MVA
NYSEG	Fraser	Fraser	S	2024	345/115	345/115	1	305 MVA	364 MVA
NYSEG	Gardenville	Gardenville	S	2026	230/115	230/115	1	316 MVA	370 MVA
NYSEG	South Perry	South Perry	S	2027	230/115	230/115	1	246 MVA	291 MVA
NYSEG	Oakdale 345	Oakdale 115	S	2027	345/115	345/115/34.5	1	494MVA	527 MVA
NYSEG	Coopers Corners	Coopers Corners	S	2031	345/115	345/115	1	232 MVA	270 MVA
O & R	Lovett 345 kV Station (New Station)	Lovett	S	2023	345/138	345/138	1	562 MVA	562 MVA
O & R/ConEd	Ladentown	Lovett 345 kV Station (New Station)	S	2023	345	345	1	3000	3211
O & R/ConEd	Lovett 345 kV Station (New Station)	Buchanan	S	2023	345	345	1	3000	3211

S = Summer Peak Period

W=Winter Peak Period