

APPENDIX C

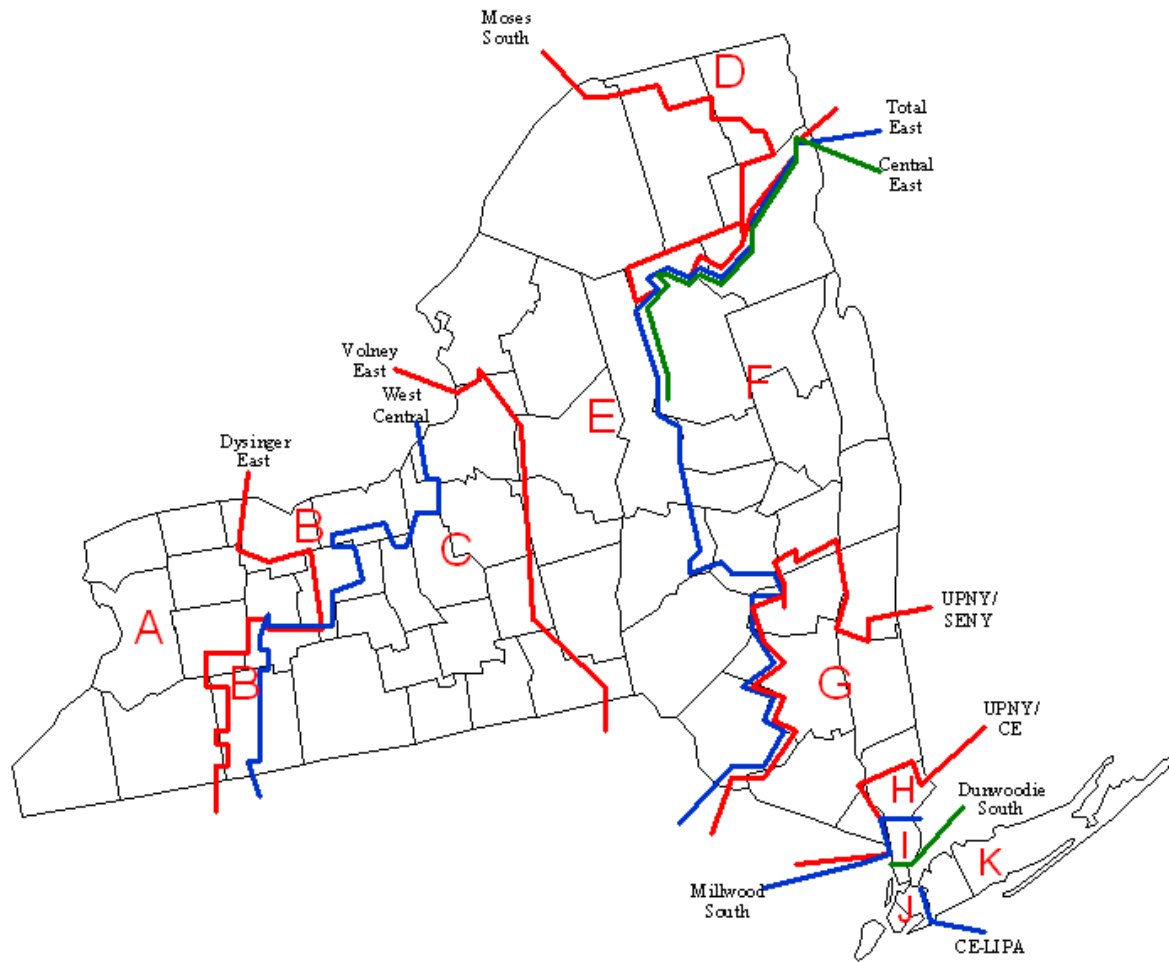
DEFINITION OF TRANSMISSION INTERFACES

This page intentionally blank.

APPENDIX C

DEFINITION OF TRANSMISSION INTERFACES

C.1	Map of LBMP Zones and Interfaces	C-1
C.2	Definition of NYCA Intra-Area Interfaces	C-2
C.3	Definition of NYCA Inter-Area Interfaces	C-12



DYSINGER EAST			
OPEN	Name	Line ID	Voltage (kV)
	Dysinger-STAMP	TBD	345
	Dysinger-STAMP	TBD	345
	Andover - Palmeter	932	115
	Lockport-Batavia	107	115
	Lockport-N. Akron	108	115
	Lockport-Oakfield	112	115
	Lockport-Sweden 1	111	115
	Lockport-Sweden 3	113	115
	Lockport-Telegraph	114	115
	Stolle-High Sheldon	67	230
CLOSED	St. Lawrence-Moses	L33P	230
	St. Lawrence-Moses	L34P	230
	Mainesburg-Watercure	30	345
	E. Towanda-Hillside	70	230
	Laurel Lake-Goudey	952	115
	E. Sayre-N. Waverly	956	115
	Hopatcong-Ramapo	5018	500
	Waldwick - S.Mahwah	J3410	345
	Waldwick - S.Mahwah	K3411	345
	S. Mahwah 138/345	BK258	138/345
	S. Mahwah – Ramapo	51	138
	Harings Corners – W. Nyack	701	69
	Harings Corners – Corporate Dr.	703	138
	Montvale – Bluehill	43	69
	Montvale – Bluehill	44	69
	Montvale – Pearl River	491	69
	S. Mahwah – Hilburn	65	69
	Harings Corners – Pearl River	45	34.5
	Closter - Sparkill	751	69
	Bergen – W. 49 St.	Hudson Transmission	HVdc
	Marion-Farragut ¹	C3403	345
	Marion-Farragut ¹	B3402	345
	Linden-Goethals	A2253	230
	Linden-Cogen Tech	Linden VFT	230/345
	Raritan River-Newbridge Rd.	Neptune 500	HVdc
	Hertel-Astoria Annex	CHPE	HVdc

1. Marion-Farragut lines B3402 and C3403 are on long term outage

WEST CENTRAL			
OPEN	Name	Line ID	Voltage (kV)
	Pannell Road-Clay	PC-1	345
	Pannell Road-Clay	PC-2	345
	Andover - Palmeto	932	115
	Quaker-Macedon	930	115
	Mortimer-Lawler Fairport 1	1-FM	115
	Mortimer-Lawler Fairport 2	2-FM	115
	Pannell-Farmington	4	115
	Station 121-Sleight Road	13	115
	St. 162 - S. Perry	906	115
	Clyde 199 34.5/115 kV	TR1	34.5/115
	Ln 804 Tap - Wolcott Tap	804	34.5
	Hook Rd/S127 (RGE-NMPC)	BK 2T	34.5/115
	Hook Rd/S127 (RGE-NMPC)	BK 3T	34.5/115
	Farmington 34.5/115kV	BK 1T	34.5/115
	Farmington 34.5/115kV	BK 2T	34.5/115
	Farmington 12/115 kV	BK 3	12/115
	Stolle-High Sheldon	67	230
CLOSED	St. Lawrence-Moses	L33P	230
	St. Lawrence-Moses	L34P	230
	Mainesburg-Watercure	30	345
	E. Towanda-Hillside	70	230
	Laurel Lake-Goudey	952	115
	E. Sayre-N. Waverly	956	115
	Hopatcong-Ramapo	5018	500
	Waldwick S.Mahwah	J3410	345
	Waldwick-S.Mahwah	K3411	345
	S. Mahwah 138/345	BK258	138/345
	S. Mahwah – Ramapo	51	138
	Harings Corners – Corporate Dr.	703	138
	Harings Corners – W. Nyack	701	69
	Montvale – Bluehill	43	69
	Montvale – Bluehill	44	69
	Montvale – Pearl River	491	69
	S. Mahwah – Hilburn	65	69
	Harings Corners – Pearl River	45	34
	Closter - Sparkill	751	69
	Bergen – W. 49 St.	Hudson Transmission	HVdc
	Marion-Farragut ¹	C3403	345
	Marion-Farragut ¹	B3402	345
	Linden-Goethals	A2253	230
	Linden-Cogen Tech	Linden VFT	230/345
	Hertel-Astoria Annex	CHPE	HVdc

VOLNEY EAST			
OPEN	Name	Line ID	Voltage (kV)
	Oakdale - Fraser	32	345
	Clay - Edic	1-16	345
	Clay - Edic	2-15	345
	Volney - Marcy	19	345
	JA Fitzpatrick - Edic	FE1	345
	Kattelville - Jennison	943	115
	Oakdale – Fraser	TBD	115
	Willet – East Norwich	945	115
	Lighthouse Hill – Copenhagen	TBD	115
	Lighthouse Hill – East Watertown	5	115
	Teall - Oneida	5	115
	Whitman - Oneida	3	115
	Peterboro - Oneida	2	115
	Omega Wire - Camden		34.5
CLOSED	St. Lawrence-Moses	L33P	230
	St. Lawrence-Moses	L34P	230
	Hopatcong-Ramapo	5018	500
	Waldwick S.Mahwah	J3410	345
	Waldwick-S.Mahwah	K3411	345
	Bergen – W. 49 St.	Hudson Transmission	HVdc
	Marion-Farragut ¹	C3403	345
	Marion-Farragut ¹	B3402	345
	Linden-Goethals	A2253	230
	Linden-Cogen Tech	Linden VFT	230/345
	Hertel-Astoria Annex	CHPE	HVdc
	Raritan River-Newbridge Rd.	Neptune 500	HVdc
	S. Mahwah 138/345	BK258	138/345
	S. Mahwah – Ramapo	51	138
	Harings Corners – W. Nyack	701	69
	Harings Corners – Corporate Dr.	703	138
	Montvale – Bluehill	43	69
	Montvale – Bluehill	44	69
	Montvale – Pearl River	491	69
	S. Mahwah – Hilburn	65	69
	Harings Corners – Pearl River	45	34
	Closter - Sparkill	751	69

MOSES SOUTH			
OPEN	Name	Line ID	Voltage (kV)
	Massena-Marcy	MSU1	765
	Haverstock-Adirondack	HA-1	345
	Haverstock-Adirondack	HA-2	345
	Dennison-Colton	4	115
	Dennison-Colton	5	115
	Alcoa-N. Ogdensburg	13	115
	Malone-Colton	3	115
CLOSED	Moses- St. Lawrence	L33P	230
	Moses- St. Lawrence	L34P	230
	Plattsburgh/Cumberland Head-	PV-20	115
	Grand Isle		

CENTRAL EAST		
Name	Line ID	Voltage (kV)
Edic – Gordon Road	14	345
Marcy-New Scotland	UNS-18	345
Edic - Princetown	TBD	345
Edic - Princetown	TBD	345
Plattsburgh/Cumberland Head - Grand Isle	PV-20	115
East Springfield - Inghams	942	115
Inghams Bus Tie	PAR 2	115
TOTAL EAST		
Coopers Corners-Middletown	CCRT-34	345
Coopers Corners-Dolson	CCDA-42	345
Edic-Gordon Rd	14	345
Marcy-New Scotland	UNS-18	345
Edic - Princetown	TBD	345
Edic - Princetown	TBD	345
Fraser-Gilboa	GF5-35	345
East Springfield – Inghams	942	115
Inghams Bus Tie	PAR 2	115
West Woodbourne 115/69	T152	115/69
Plattsburgh/Cumberland Head - Grand Isle	PV-20	115
Hopatcong-Ramapo	5018	500
Waldwick S.Mahwah	J3410	345
Waldwick-S.Mahwah	K3411	345
S. Mahwah 138/345	BK258	138/345
S. Mahwah – Ramapo	51	138
Harings Corners – W. Nyack	701	69
Harings Corners – Corporate Dr.	703	138
Montvale – Bluehill	43	69
Montvale – Bluehill	44	69
Montvale – Pearl River	491	69
S. Mahwah – Hilburn	65	69
Harings Corners – Pearl River	45	34
Closter - Sparkill	751	69
Marion-Farragut ¹	C3403	345
Marion-Farragut ¹	B3402	345
Linden-Goethals	A2253	230
Linden-Cogen Tech	Linden VFT	230/345
Raritan River-Newbridge Rd.	Neptune	HVdc
Bergen – W. 49 St.	Hudson Transmission	HVdc
Hertel-Astoria Annex	CHPE	HVdc

UPNY SENY			
OPEN	Name	Line ID	Voltage (kV)
	Hopatcong-Ramapo	5018	500
	Dover - Long Mountain	398	345
	Coopers Corners-Middletown	CCRT-34	345
	Coopers Corners-Dolson	CCDA-42	345
	Knickerbocker- Pleasant Valley	Y57	345
	Athens-Van Wagner	91	345
	Leeds-Van Wagner	92	345
	Leeds-Hurley Ave.	301	345
	Blue Stores E - Milan	T7	115
	Churchtown - N. Catskill	5	115
	Flint Mine Solar-N. Catskill	2	115
	Flint Mine Solar POI- Flint Mine Solar	TBD	115
	West Woodbourne 115/69	T152	115/69
	Salisbury-Smith Field	690	69
CLOSED	Raritan River-Newbridge Rd.	Neptune	HVdc
	Hertel – Astoria Annex	CHPE	HVdc
	Bergen – W. 49 St.	Hudson Transmission	HVdc
	Norwalk Harbor-Northport	601/602/603	138
	New Haven-Shoreham	Cross-Sound	HVdc
	Waldwick S.Mahwah	J3410	345
	Waldwick-S.Mahwah	K3411	345
	Marion-Farragut ¹	C3403	345
	Marion-Farragut ¹	B3402	345
	Linden-Goethals	A2253	230
	Linden-Cogen Tech	Linden VFT	230/345
	S. Mahwah 138/345	BK258	138/345
	S. Mahwah – Ramapo	51	138
	Montvale – Bluehill	43	69
	Montvale – Bluehill	44	69
	Montvale – Pearl River	491	69
	S. Mahwah – Hilburn	65	69
	CLoster - Sparkill	751	69
	Harings Corners – W. Nyack	701	69
	Harings Corners–Corporate Dr.	703	138
	Harings Corners – Pearl River	45	34

UPNY CON EDISON			
OPEN	Name	Line ID	Voltage (kV)
	Lovett-Buchanan South	TBD	345
	Pleasant Valley-Wood St.	F30	345
	Pleasant Valley-E. Fishkill	F36	345
	Pleasant Valley-E. Fishkill	F37	345
	Pleasant Valley-Wood St.	F31	345
	Ramapo-Buchanan North	Y94	345
	Roseton-E. Fishkill	305	345
	East Fishkill – Sylvan Lake	A/990	115
	East Fishkill 115/345	BK 1	115/345
CLOSED	Raritan River-Newbridge Rd.	Neptune	HVdc
	Bergen – W. 49 St.	Hudson Transmission	HVdc
	Norwalk Harbor-Northport	601/602/603	138
	New Haven-Shoreham	Cross-Sound	HVdc
	Marion-Farragut ¹	C3403	345
	Marion-Farragut ¹	B3402	345
	Linden-Goethals	A2253	230
	Linden-Cogen Tech	Linden VFT	230/345
	Hertel-Astoria Annex	CHPE	HVdc

MILLWOOD SOUTH			
CLOSED	Name	Line ID	Voltage (kV)
	Raritan River-Newbridge Rd.	Neptune	HVdc
	Bergen – W. 49 St.	Hudson Transmission	HVdc
	Norwalk Harbor-Northport	601/602/603	138
	New Haven-Shoreham	Cross-Sound	HVdc
	Marion-Farragut ¹	C3403	345
	Marion-Farragut ¹	B3402	345
	Linden-Goethals	A2253	230
	Linden-Cogen Tech	Linden VFT	230/345
	Buchanan N – East View 2N	W93	345
	Millwood-East View 1N	W99	345
	Millwood-East View 2S	W82	345
	Millwood-East View 1S	W85	345
	Wood D-Pleasantville	F38/Y86	345
	Wood A-Pleasantville	F39/Y87	345
	Hertel-Astoria Annex	CHPE	HVdc

SPRAIN BROOK-DUNWOODIE SOUTH			
OPEN	Name	Line ID	Voltage (kV)
	Dunwoodie-Mott Haven	71	345
	Dunwoodie-Mott Haven	72	345
	Sprain Brook-Tremont	X28	345
	Sprain Brook-West 49th Street	M51	345
	Sprain Brook-West 49th Street	M52	345
	Sprain Brook-Academy	M29	345
	Dunwoodie-Shore Road	Y50	345
	Sprain Brook-East Garden City	Y49	345
	Dunwoodie-Sherman Creek	99032	138
	Dunwoodie-Sherman Creek	99031	138
	Dunwoodie-E. 179 St.	99153	138
CLOSED	Raritan River-Newbridge Rd.	Neptune	HVdc
	Bergen – W. 49 St.	Hudson Transmission	HVdc
	Norwalk Harbor-Northport	601/602/603	138
	New Haven-Shoreham	Cross-Sound	HVdc
	Marion-Farragut ¹	C3403	345
	Marion-Farragut ¹	B3402	345
	Linden-Goethals	A2253	230
	Linden-Cogen Tech	Linden VFT	230/345
	Hertel-Astoria Annex	CHPE	HVdc

LIPA IMPORT		
Name	Line ID	Voltage (kV)
Dunwoodie-Shore Road	Y50	345
Sprain Brook-East Garden City	Y49	345
Raritan River-Newbridge Rd.	Neptune	HVdc
Norwalk Harbor-Northport	601/602/603	138
New Haven-Shoreham	Cross-Sound	HVdc
Jamaica-Valley Stream	901L/M	138
Jamaica-Lake Success	903	138

New York – PJM (PJM-New York)		
Name	Line ID	Voltage (kV)
Hopatcong-Ramapo	5018	500
Mainesburg-Watercure	30	345
Pierce Brook – 5 Mile Rd.	37	345
Bergen – W. 49 St.	Hudson Transmission	HVdc
Waldwick S.Mahwah	J3410	345
Waldwick-S.Mahwah	K3411	345
Marion-Farragut ¹	C3403	345
Marion-Farragut ¹	B3402	345
Linden-Goethals	A2253	230
Linden-Cogen Tech	Linden VFT	230/345
Hillside-E. Towanda	70	230
S. Ripley – Erie South	69	230
Laurel Lake-Goudey	952	115
E. Sayre-N. Waverly	956	115
Harings Corners – Corporate Dr.	703	138
S. Mahwah 138/345	BK258	138/345
S. Mahwah – Ramapo	51	138
Harings Corners – W. Nyack	701	69
Montvale – Bluehill	43	69
Montvale – Bluehill	44	69
Montvale – Pearl River	491	69
S. Mahwah – Hilburn	65	69
Harings Corners – Pearl River	45	34.5
Closter - Sparkill	751	69
Raritan River-Newbridge Rd.	Neptune	HVdc

New York – New England (New England – New York)		
Name	Line ID	Voltage (kV)
Plattsburgh/Cumberland Head -		
Grand Isle	PV-20	115
Hoosick – Bennington	K6	115
Whitehall – Blissville	7/K37	115
Eastover Rd. – Bear Swamp	E205W	230
Alps – Berkshire	393	345
Dover – Long Mountain	398	345
Norwalk Harbor-Northport	601/602/603	138
Smithfield – Salisbury	690	69
New Haven-Shoreham	Cross-Sound	HVdc

New York – Ontario (Ontario – New York)		
Name	Line ID	Voltage (kV)
Niagara – Beck	PA301	345
Niagara – Beck	PA302	345
Niagara – Beck	PA27	230
Packard – Beck	BP76	230
St. Lawrence-Moses	L33P	230
St. Lawrence-Moses	L34P	230