ISO - NEW ENGLAND INC.

POOL TRANSMISSION FACILITIES

(PTF)

Final

IN-SERVICE
AS OF
January 1, 2016

Total Circuit Miles of PTF Transmission by Company and HTF

	EHV-PTF	LV-PTF	TOTAL	HTF
EMERA MAINE CKT. MILES	89.27	212.90	302.17	
TOWN OF BRAINTREE ELECTRIC LIGHT DEPARTMENT CKT. MILES		9.44	9.44	
CHICOPEE MUNICIPAL LIGHT DEPARTMENT CKT. MILES		1.40	1.40	
CONNECTICUT TRANSMISSION MUNICIPAL ELECTRIC ENERGY CO-OP CKT. MILES	12.40	6.72	19.12	
CENTRAL MAINE POWER COMPANY CKT. MILES	384.26	1116.38	1500.64	
THE CONNECTICUT LIGHT AND POWER COMPANY CKT. MILES	525.10	1064.90	1590.00	
HOLYOKE GAS AND ELECTRIC DEPARTMENT CKT. MILES		9.25	9.25	
MAINE ELECTRIC POWER COMPANY	178.80	2.35	181.15	
MIDDLEBORO GAS & ELECTIC DEPARTMENT		10.35	10.35	
NATIONAL GRID USA CKT. MILES	810.43	1663.41	2473.84	
NEW HAMPSHIRE TRANSMISSION, LLC	0.60		0.60	
NORWOOD MUNICIPAL LIGHT DEPARTMENT CKT. MILES		11.17	11.17	
NSTAR CKT. MILES	336.85	456.36	793.21	
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE CKT. MILES	260.30	622.50	882.80	
READING MUNICIPAL LIGHT PLANT CKT. MILES		0.50	0.50	
SHREWSBURY ELECTRIC LIGHT & CABLE OPERATIONS CKT. MILES		0.06	0.06	
TAUNTON MUNICIPAL LIGHTING PLANT CKT. MILES		1.80	1.80	
THE UNITED ILLUMINATING COMPANY CKT. MILES	26.76	110.15	136.91	
VT TRANSCO, LLC CKT. MILES	199.90	431.07	630.97	
WALLINGFORD ELECTRIC DEPARTMENT		2.60	2.60	
WESTERN MASSACHUSETTS ELECTRIC COMPANY CKT. MILES	127.80	273.40	401.20	
HIGHGATE TRANSMISSION FACILITIES				7.72
TOTAL ISO-NEW ENGLAND CKT. MILES	2,952.47	6006.71	8,959.18	7.72

Town of Braintree Electric Light Department
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Swift's Beach Tap - NSTAR (478-502)	115	636 MCM ACSR	OH	1	0.23	0.23
Swift's Beach - Potter Sta. #16 (115-16-11)	115	1250 KCMIL CU	UG	1	0.49	0.49
Potter Sta. #16 - Middle St. (115-10-16)	115	1250 KCMILCU	UG	1	1.81	1.81
Middle St. - Church Hill (115-8-10)	115	1000 KCMIL AL	UG	1	1.74	1.74
Church Hill - Plain St. (115-4-8)	115	1000 KCMIL AL	UG	1	3.54	3.54
Plain St. - Grove St. (115-9-4)	115	1000 KCMIL AL	UG	1	1.60	1.60
Grove St. - Grove St. Tap (478-509)	115	636 MCM ACSR	OH	1	0.03	0.03
TOTAL TOWN OF BRAINTREE ELECTRIC LIGHT DEPARTMENT LOWER VOLTAGE PTF CKT. MILES						**9.44**
TOTAL TOWN OF BRAINTREE ELECTRIC LIGHT DEPARTMENT COMPANY CKT. MILES						9.44

Central Maine Power Company
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Scobie - Buxton (CMP Section) (391)	345	2-850.8 ACSR	OH	1	30.50	30.50
Buxton - Surowiec (374)	345	2-850.8 ACSR	OH	1	26.60	26.60
Deerfield - Buxton (CMP Section) (385)	345	2-850.5 ACSR	OH	1	30.50	30.50
Surowiec - Maine Yankee (375)	345	2-850.8 ACSR	OH	1	24.12	29.70
		2-900 ACSR	OH	1	4.92	
		2-1590 ACSR	OH	1	0.66	
Surowiec - Buxton (3038)	345	2-850.8 ACSR	OH	1	26.23	26.48
		2-1590 ACSR	OH	1	0.25	
Coopers Mills Road - Larrabee Road (3025)	**345**	**2-1590 ACSR**	**OH**	**1**	**35.33**	**35.33**
Larrabee Rd - Surowiec (3026)	345	2-1590 ACSR	OH	1	16.10	16.10
Surowiec - Maine Yankee (377)	345	2-1590 ACSR	OH	1	3.15	29.19
		2-850.8 ACSR	OH	1	23.89	
		2-1590 ACSR	OH	1	2.15	
Maine Yankee - Mason (378)	345	2-850.8 ACSR	OH	1	3.50	3.50
Buxton - South Gorham (386)	345	2-954 ACSR	OH	1	7.20	7.20
Orrington - Coopers Mills Road (388)	345	**2-850.8 ACSR**	OH	1	**11.06**	**11.06**
Orrington - Albion Rd (3023)	345	2-1590 ACSR	OH	1	**46.69**	**46.69**
Albion Road - Coopers Mills Road (3024)	**345**	**2-1590 ACSR**	**OH**	**1**	**20.79**	**20.79**
South Goham - Raven Farm (3040)	345	2-954 ACSR	OH	1	17.38	17.50
		2-1590 ACSR	OH	1	0.12	

Central Maine Power Company
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Raven Farm - Surowiec (3020)	345	2-1590 ACSR	OH	1	13.00	13.00
South Gorham - Maguire Road (3021)	345	2-1590 ACSR	OH	1	20.63	20.63
Maguire Road - Eliot (3022)	345	2-1590 ACSR	OH	1	19.49	19.49
TOTAL CENTRAL MAINE POWER COMPANY EHV PTF CKT. MILES						**384.26**

Central Maine Power
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Wyman -Starks (63)	115	795 ACSR	OH	1	20.73	20.73
Starks - Livermore Falls (278)	115	795 ACSR	OH	1	26.39	26.52
		1113 ACSR	OH	1	0.13	
Livermore Falls - Larrabee Rd (200)	115	795 ACSR	OH	1	23.16	23.96
		1113 ACSR	OH	1	0.80	
Livermore Falls - Larrabee Rd (251)	115	1113 ACSR	OH	1	24.12	24.12
Wyman - Heywood Rd (83)	115	477 ACSR	OH	1	41.03	41.03
Wyman - Heywood Rd (241)	115	1113 ACSR	OH	1	**21.22**	**23.63**
		795 ACSR	OH	1	**2.41**	
Lakewood - Wyman (264)	**115**	**1113 ACSR**	**OH**	**1**	**25.25**	**25.25**
Heywood Rd - Winslow (242)	115	**1192.5 ACSR**	OH	1	1.10	1.10
Heywood Rd - Albion Road (259)	115	795 ACSR	OH	1	3.48	3.84
		1113 ACSR	OH	1	0.36	
Winslow - Albion Road (84)	115	477 ACSR	OH	1	4.68	5.08
		1113 ACSR	OH	1	0.40	
Wyman - Athens (66)	115	795 ACSR	OH	1	15.22	15.22
Athens - Detroit (82)	115	795 ACSR	OH	1	17.93	17.93
Detroit - Albion Rd (67)	115	795 ACSR	OH	1	15.88	19.25
		1113 ACSR	OH	1	3.37	
Coopers Mills Road - Orrington (254)	**115**	**795 ACSR**	**OH**	**1**	**46.64**	**46.64**

Central Maine Power
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Albion Rd - Coopers Mills Road (257)	115	795 ACSR	OH	1	10.78	21.12
		1113 ACSR	OH	1	10.34	
Albion Rd - Coopers Mills Road (258)	115	795 ACSR	OH	1	9.04	21.05
		1113 ACSR	OH	1	12.01	
Detroit - Bucksport (203)	115	795 ACSR	OH	1	9.47	34.04
		1113 ACSR	OH	1	24.57	
Bucksport - Orrington (CMP Secs only) (65)	115	795 ACSR	OH	1	6.25	6.63
		1113 ACSR	OH	1	0.38	
Bucksport - Orrington (CMP Secs only) (205)	115	795 ACSR	OH	1	6.25	6.63
		1113 ACSR	OH	1	0.38	
Bucksport - Belfast (86)	115	788 ACCR	OH	1	0.48	15.66
		1272 Al	OH	1	6.48	
		1113 ACSR	OH	1	8.70	
Belfast - Highland (266)	115	1272 Al	OH	1	23.96	24.25
		1113 ACSR	OH	1	0.29	
Highland - Newcastle (226)	115	1272 Al	OH	1	19.00	19.00
Mason - Newcastle (204)	115	1272 Al	OH	1	6.97	11.18
		795 ACSR	OH	1	4.21	
Highland - Coopers Mills Road (80)	115	266.8 ACSR	OH	1	21.78	22.97
		1113 ACSR	OH	1	1.19	
Coopers Mills Road - Mason (68)	115	795 ACSR	OH	1	23.00	23.85
		1113 ACSR	OH	1	0.85	
Coopers Mills Road - Bowman Street (60)	115	1113 ACSR	OH	1	**13.03**	**13.03**

Central Maine Power
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Bowman St. - Monmouth (269)	115	1113 ACSR	OH	1	11.46	11.46
Monmouth - Larrabee Rd (212)	115	1113 ACSR	OH	1	11.04	11.04
Mason - Bath 115 (207)	115	266.8 ACSR	OH	1	0.50	17.43
		795 ACSR	OH	1	16.93	
Mason - Surowiec (81)	115	336.4 ACSR	OH	1	26.04	28.60
		1113 ACSR	OH	1	2.56	
Larrabee Rd - Surowiec (64)	115	795 ACSR	OH	1	13.39	15.85
		1113 ACSR	OH	1	2.46	
Surowiec - Spring Street (166)	115	795 ACSR	OH	1	20.89	23.95
		1113 ACSR	OH	1	3.06	
Larrabee Rd - Crowleys (201)	115	795 ACSR	OH	1	6.48	6.73
		1113 ACSR	OH	1	0.25	
Crowleys - Surowiec (62)	115	795 ACSR	OH	1	9.13	9.30
		1113 ACSR	OH	1	0.17	
Yarmouth - Moshers (165)	115	1113 ACSR	OH	1	0.51	19.85
	115	795 ACSR	OH	1	19.34	
Yarmouth - Spring St. (164)	115	1113 ACSR	OH	1	0.39	23.25
	115	795 ACSR	OH	1	22.86	
Moshers - South Gorham (162)	115	1113 ACSR	OH	1	3.40	3.40
Westbrook 115 - South Gorham (169)	115	2-1113 ACSR	OH	1	3.00	3.00
Westbrook 115 - South Gorham (231)	115	2-1113 ACSR	OH	1	3.00	3.00

Central Maine Power
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Westbrook 115 - Spring St (233)	115	2-1113 ACSR	OH	1	0.90	0.90
Maguire Rd - Quaker Hill (140)	115	1113 ACSR	OH	1	10.30	10.30
Three Rivers - Quaker Hill (197)	115	1113 ACSR	OH	1	9.40	9.40
Maguire Rd - Three Rivers (250)	115	1113 ACSR	OH	1	10.87	19.61
	115	795 ACSR	OH	1	8.74	
Louden - Maguire Rd (238)	115	795 ACSR	OH	1	9.60	11.41
		1113 ACSR	OH	1	1.81	
Louden - Maguire Rd (163)	115	1113 ACSR	OH	1	11.37	11.37
Westbrook. - Pleasant Hill (234)	115	1113 ACSR	OH	1	0.81	6.31
		795 ACSR	OH	1	5.50	
Pleasant Hill - Cape Steam (160)	115	795 ACSR	OH	1	4.02	4.02
Bath 115 - Surowiec (69)	115	795 ACSR	OH	1	20.85	20.85
Sewall St. - Fore River (277)	115	2500 MCM AL	UG	1	1.25	1.25
Fore River - Cape Steam (275)	115	2500 MCM AL	UG	1	1.39	1.39
Surowiec - Moshers (167)	115	795 ACSR	OH	1	17.94	20.79
		1113 ACSR	OH	1	2.85	
Larrabee Rd - Norway (61)	115	795 ACSR	OH	1	19.72	20.05
		1113 ACSR	OH	1	0.33	
Norway - Kimball Rd. (87)	115	795 ACSR	OH	1	6.60	6.60

Central Maine Power
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Surowiec - Raymond (208)	115	795 ACSR	OH	1	15.70	15.70
Raymond - Kimball Rd. (209)	115	795 ACSR	OH	1	16.50	16.50
Kimball Road - PSNH St #1 (214)	115	795 ACSR	OH	1	22.57	22.57
Moshers - Sewall St. (161)	115	795 ACSR	OH	1	7.53	7.53
Livermore Falls - Riley (89)	115	795 ACSR	OH	1	2.32	7.26
		1113 ACSR	OH	1	4.94	
Riley - Ludden Lane (280)	115	795 ACSR	OH	1	1.36	4.78
		1113 ACSR	OH	1	3.42	
Ludden Lane - Rumford IP (229)	115	1113 ACSR	OH	1	10.74	10.74
Rumford - Rumford IP (228)	115	795 ACSR	OH	1	1.10	1.10
Rumford - Rumford IP (243)	115	1113 ACSR	OH	1	1.21	1.21
Livermore Falls - Section 243 Tap (243A)	115	1113 ACSR	OH	1	20.46	20.46
Rumford IP - Woodstock (221)	115	1113 ACSR	OH	1	12.43	12.43
Woodstock - Kimball Rd (217)	115	1113 ACSR	OH	1	20.58	20.58
Rumford - Woodstock (211)	115	1113 ACSR	OH	1	13.40	13.40
Woodstock - Kimball Rd. (210)	115	795 ACSR	OH	1	20.60	20.60
Coopers Mills Road - Augusta East (88)	115	1113 ACSR	OH	1	**5.55**	**11.72**
	115	795 ACSR	OH	1	**6.17**	

Central Maine Power
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Augusta East - North Augusta (272)	115	795 ACSR	OH	1	6.39	6.39
North Augusta - Bowman St. (213)	115	795 ACSR	OH	1	10.59	10.59
South Gorham - Louden (219 & 220)	115	795 ACSS	OH	2	9.25	18.50
Crowley's - Lewiston Lower (202)	115	795 ACSR	OH	1	3.50	3.50
Hotel Road - Lewiston Lower (75)	115	795 ACSR	OH	1	8.10	8.10
Hotel Road - Junction Section 61 (61A)	115	795 ACSR	OH	1	10.60	10.60
South Gorham - W. Buxton (223)	115	1113 ACSR	OH	1	9.40	9.40
W. Buxton - Waterboro (224)	115	1113 ACSR	OH	1	8.10	8.10
Waterboro - Sanford (225)	115	1113 ACSR	OH	1	12.60	12.60
Sanford - Maguire Rd (237)	115	1113 ACSR	OH	1	0.70	7.20
	115	795 ACSR	OH	1	6.50	
TOTAL CENTRAL MAINE POWER COMPANY LOWER VOLTAGE PTF CKT. MILES						**1116.38**
TOTAL CENTRAL MAINE POWER COMPANY CKT. MILES						**1500.64**

The Connecticut Light and Power Company
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Manchester - Card (368)	345	2-1590 ACSR	OH	1	1.90	19.90
		2156 ACSR	OH	1	18.00	
Southington - Frost Bridge (329)	345	2156 ACSR	OH	1	12.70	12.70
East Shore - Scovill Rock (CL&P Sec. of 387)	345	2 - 954 ACSR	OH	1	16.70	26.10
		2156 ACSR	OH	1	9.40	
Beseck - Haddam Neck (CL&P Sec of 362)	345	2-954 ACSR	OH	1	13.80	17.70
		2-1192 ACSR	OH	1	0.60	
		2-1590 ACSR	OH	1	3.30	
Long Mountain - Pleasant Valley (CL&P Sec. of 398)	345	2156 ACSR	OH	1	5.60	5.60
Frost Bridge - Long Mountain (352)	345	2156 ACSR	OH	1	20.70	20.70
Manchester - North Bloomfield (CL&P Sec. of 3642)	345	2-1590 ACSS	OH	1	1.60	15.20
		2-954 ACSR	OH	1	13.60	
Manchester - Barbour Hill (3557)	345	2156 ACSR	OH	1	7.50	7.50
Montville - Haddam Neck (364)	345	2-954 ACSR	OH	1	22.60	22.60
Millstone - Montville (371)	345	2-954 ACSS	OH	1	1.50	12.70
		2-954 ACSR	OH	1	11.20	
Millstone - Beseck via Haddam (CL&P Sec of 348)	345	2-1272 ACSS	OH	1	4.00	42.00
		2-954 ACSR	OH	1	29.80	
		2-1192 ACSR	OH	1	0.70	
		2-1590 ACSR	OH	1	7.50	
Millstone - Card (383)	345	2-954 ACSR	OH	1	29.00	29.00
Long Mountain - Plumtree (321)	345	2-954 ACSR	OH	1	6.20	17.80

The Connecticut Light and Power Company
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
		2-1272 ACSR	OH	1	11.60	
Card - Lake Road (330)	345	2-954 ACSR	OH	1	29.10	29.30
		2-1272 ACSR	OH	1	0.20	
Lake Road - Killingly (3348)	345	2-1272 ACSR	OH	1	0.30	0.60
		2-954 ACSR	OH	1	0.30	
Killingly - Sherman Rd. (CL&P Sec. of 347)	345	2-954 ACSR	OH	1	7.60	7.60
Millstone - Manchester (310)	345	2-1272 ACSS	OH	1	4.00	47.30
		2-1272 ACSR	OH	1	42.10	
		2-954 ACSR	OH	1	1.20	
Haddam Neck - Scovill Rock (376)	345	2-954 ACSR	OH	1	4.60	5.20
		2-1192 ACSR	OH	1	0.60	
Scovill Rock - KLEEN (3533)	345	2-954 ACSR	OH	1	2.80	3.80
		2-1590 ACSR	OH	1	1.00	
Manchester - KLEEN (3424)	345	2-954 ACSR	OH	1	0.10	16.60
		2156 ACSR	OH	1	16.30	
		2-1590 ACSR	OH	1	0.20	
Plumtree - Norwalk (3403)	345	2-1750 XLPE	UG	1	2.20	20.50
		2-1590 ACSR	OH	1	8.60	
		2-2500 HPFF	UG	1	9.70	
Barbour Hill - Ludlow (CL&P Sec. of 3419)	345	2156 ACSR	OH	1	14.00	14.00
Beseck - Southington (CL&P Sec of 3754)	345	2-1590 ACSR	OH	1	2.40	11.40
		2-954 ACSR	OH	1	9.00	

The Connecticut Light and Power Company
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Scovill Rock - Southington (3041)	345	2-954 ACSR	OH	1	11.60	19.30
		2-1272 ACSR	OH	1	7.70	
East Devon - Beseck (CL&P Sec of 3827)	345	2-1590 ACSR	OH	1	11.10	23.10
		4-1590 ACSR	OH	1	12.00	
East Devon - Singer (CL&P Sec. 3165)	345	3000 XLPE	UG	1	2.30	2.30
East Devon - Singer (CL&P Sec. 3619)	345	3000 XLPE	UG	1	2.30	2.30
Singer - Norwalk (3280)	345	3000 XLPE	UG	1	14.80	14.80
Singer - Norwalk (3921)	345	3000 XLPE	UG	1	14.80	14.80
Agawam - North Bloomfield (CL&P Sec. Of 3216)	345	2-1590 ACSS	OH	1	9.90	9.90
Card - Lake Road (CL&P Sec. Of 3271)	**345**	**2-1590 ACSS**	**OH**	**1**	**25.30**	**25.30**
Lake Road - CT/RI Border (CL&P Sec. Of 341)	**345**	**2-1590 ACSS**	**OH**	**1**	**7.50**	**7.50**

TOTAL OF THE CONNECTICUT LIGHT AND POWER COMPANY EHV PTF CKT. MILES						**525.10**

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Bunker Hill - Freight St (1668)	115	1272 ACSR	OH	1	2.10	2.10
Freight St. - Frost Bridge (1721)	115	1272 ACSR	OH	1	2.10	5.90
		1590 ACSR	OH	1	3.80	
Frost Bridge - Campville (1191)	115	2-2/0 Cu	OH	1	7.60	10.30
		556 ACSR	OH	1	2.70	
Southington - Canal (1950)	115	795 ACSR	OH	1	2.20	2.20
Southington - Todd (1910)	115	795 ACSR	OH	1	6.00	6.00
Frost Bridge - Todd (1163)	115	795 ACSR	OH	1	5.70	5.70
Frost Bridge - Canal (1550)	115	795 ACSR	OH	1	9.50	9.50
Frost Bridge - Shaws Hill (1445)	115	1590 ACSR	OH	1	1.60	1.60
Shaws Hill - Bunker Hill (1272)	115	1590 ACSR	OH	1	2.20	2.20
Frost Bridge - Stevenson via Baldwin Tap (1990)	115	1590 ACSS	OH	1	17.30	17.30
Bunker Hill - Oxford via Baldwin Tap (1575)	115	556 ACSR	OH	1	7.00	7.30
		795 ACSS	OH	1	0.30	
Oxford - Beacon Falls (1319)	115	556 ACSR & 795 ACSS	OH	1	4.40	4.40
Bunker Hill - South Naugatuck (1585)	115	4/0 Cu	OH	1	3.00	13.20
		556 ACSR	OH	1	7.70	
		795 ACSR	OH	1	2.50	
South Naugatuck - Devon (1580)	115	4/0 Cu	OH	1	13.20	23.90
		795 ACSR	OH	1	8.00	
		556 ACSR	OH	1	2.70	

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Devon - Beacon Falls via Derby (1570)	115	795 ACSR	OH	1	18.90	22.60
		795 ACSS	OH	1	3.70	
Stevenson - Pootatuck via Derby (CL&P Sec of 1560)	115	795 ACSR	OH	1	**8.10**	**8.10**
Trap Falls - Devon (1545)	115	795 ACSR	OH	1	4.70	4.70
Devon - Devon Tie (CL&P Sec. of 1780)	115	795 ACSR	OH	1	0.10	0.10
Devon - Devon Tie (CL&P Sec. of 1790)	115	795 ACSR	OH	1	0.10	0.10
Southington - Wallingford (CL&P Sec. of 1208)	115	1272 ACSR	OH	1	13.60	13.60
Wallingford - North Haven (CL&P Sec. of 1630)	115	1272 ACSR	OH	1	0.40	0.40
Southington - June St. (CL&P Sec. of 1610)	115	556 ACSR	OH	1	10.70	21.30
		1590 ACSR	OH	1	10.60	
Devon - June St. (CL&P Sec. of 1685)	115	1590 ACSR	OH	1	13.60	13.60
Southington - Berlin (1670)	115	556 ACSR	OH	1	10.30	10.30
Southington - Berlin (1771)	115	556 ACSR	OH	1	10.20	10.20
West Side - Berlin (1765)	115	556 ACSR	OH	1	7.90	7.90
Dooley - West Side (1766)	115	556 ACSR	OH	1	6.50	9.10
		795 ACSR	OH	1	2.60	
Manchester - Hopewell (1767)	115	1272 ACSS	OH	1	7.00	7.00
Berlin - East New Britain (1769)	115	1272 ACSR	OH	1	3.60	3.60
Southington - Colony via Hanover (1355)	115	4/0 Cu	OH	1	0.70	8.50
		2-4/0 Cu	OH	1	1.40	
		556 ACSR	OH	1	6.30	

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
		954 ACSR	OH	1	0.10	
North Wallingford - E. Meriden (CL&P Sec of 1466)	115	556 ACSR	OH	1	0.10	1.80
		1590 ACSR	OH	1	1.70	
North Wallingford - Colony (1588)	115	4/0 Cu	OH	1	2.60	2.60
E. Meriden - Haddam (CL&P Sec of 1975)	115	2-4/0 Cu	OH	1	0.40	15.30
		1272 ACSR	OH	1	7.90	
		1590 ACSR	OH	1	6.80	
		4/0 Cu	OH	1	0.20	
Haddam - Bokum (1261)	115	795 ACSR	OH	1	11.60	11.90
		1272 ACSR	OH	1	0.30	
Haddam - Bokum (1598)	115	795 ACSR	OH	1	11.60	11.90
		1272 ACSR	OH	1	0.30	
Middletown - Haddam (1620)	115	1272 ACSR	OH	1	7.90	13.70
		556 ACSR	OH	1	5.80	
Montville - Mystic via Buddington (CL&P Sec. of 1280)	115	795 ACSR	OH	1	9.10	16.00
		1272 ACSR	OH	1	5.70	
		556 ACSR	OH	1	1.20	
Montville - Buddington (CL&P Sec. of 1410)	115	556 ACSR	OH	1	6.90	6.90
Wallingford - Devon (CL&P Sec. of 1640)	115	1590 ACSR	OH	1	23.50	27.20
		3000 XLPE	UG	1	0.90	
		556 ACSR	OH	1	2.50	
		795 ACSR	OH	1	0.30	
Mystic - Shunock (1465)	115	795 ACSR	OH	1	7.90	7.90
Shunock - Wood River (CL&P Sec. of 1870S)	115	795 ACSR	OH	1	1.00	1.00

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Norwalk - Weston (1637)	115	556 ACSR	OH	1	6.30	6.30
Norwalk - Flax Hill (1389)	115	795 ACSR	OH	1	2.80	2.80
Devon - Trumbull (1730)	115	556 ACSR	OH	1	4.50	4.50
Trumbull - Weston (1714)	115	556 ACSR	OH	1	9.40	12.50
		1590 ACSR	OH	1	3.10	
Norwalk - Hawthorne (1720)	115	556 ACSR	OH	1	13.90	13.90
Oldtown - Devon via Pequonnock (CL&P Sec. of 1710)	115	556 ACSR	OH	1	4.30	7.30
		1590 ACSR	OH	1	3.00	
Wilton - Peaceable (1470)	115	556 & 1590 ACSR	OH	1	5.00	5.30
		1272 ACSR	OH	1	0.30	
Wilton - Norwalk (1682)	115	3000 XLPE	UG	1	3.90	6.00
		3500 XLPE	UG	1	0.10	
		1272 & 1590 ASCR	OH	1	0.50	
		556 ACSR	OH	1	1.50	
Peaceable - Plumtree via Ridgefield (1565)	115	1272 ACSR	OH	1	5.40	11.60
		3000 XLPE	UG	1	6.20	
Plumtree - Stony Hill - Bates Rock (1770)	115	795 SSAC	OH	1	0.80	15.80
		795 ACSR	OH	1	5.70	
		2-1272 ACSR	OH	1	3.40	
		4/0 Cu	OH	1	5.90	
Plumtree - Newtown (1760)	115	1272 ACSR	OH	1	6.00	6.00
Newtown - Stevenson via Sandy Hook (1876)	115	1272 ACSR	OH	1	6.60	6.60

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
So. End - Glenbrook (1450)	115	1272 SSAC	OH	1	1.40	1.40
So. End - Darien via Glenbrook (1977)	115	1272 ACSR	OH	1	4.20	4.30
		2-3000XLPE	UG	1	0.10	
Fitch - Darien (CL&P sec of 1028)	115	1590 ACSS	OH	1	2.70	5.60
		1272 ACSR	OH	1	2.90	
Fitch - Compo (CL&P sec of 1243)	115	1590 ACSS	OH	1	2.60	2.60
Compo - Pequonnock (UI) (CL&P Sec. of 1130)	115	1590 SSAC	OH	1	3.50	3.50
Sasco Creek - Ash Creek (CL&P Sec. of 1430)	115	1272 ACSR	OH	1	0.70	0.70
Rocky River - W. Brookfield (1618)	115	795 ACSR	OH	1	0.20	9.50
		336 ACSR	OH	1	1.50	
		2-954 ACSR	OH	1	3.10	
		2-1272 ACSR	OH	1	4.70	
W. Brookfield - Stony Hill - Shepaug (1887)	115	4/0 Cu	OH	1	7.40	12.30
		336 ACSR	OH	1	1.40	
		795 ACSR	OH	1	0.10	
		2-1272 ACSR	OH	1	3.40	
Branford - Branford RR (CL&P Sec. of 1537)	115	1272 ACSR	OH	1	2.70	2.70
Branford - North Haven (CL&P Sec of 1655)	115	795 ACSR	OH	1	9.90	9.90
Rocky River - Carmel Hill (1813)	115	1272 ACSR	OH	1	11.10	11.10
Carmel Hill - Frost Bridge (1238)	115	1272 ACSR	OH	1	9.90	9.90
Norwalk Harbor - Northport L.I. (CL&P Sec. of 601)	138	1374 kcm Cu+	UG	1	5.80	5.80
Norwalk Harbor - Northport L.I. (CL&P Sec. of 602)	138	1374 kcm Cu+	UG	1	5.80	5.80

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Norwalk Harbor - Northport L.I. (CL&P Sec. of 603)	138	1374 kcm Cu+	UG	1	5.80	5.80
Norwalk Harbor - Glenbrook via Flax Hill (1867)	115	795 ACSR	OH	1	1.20	8.20
		1272 ACSR	OH	1	5.50	
		2500 MCM Cu	UG	1	1.50	
Branford RR - East Shore (CL&P Sec. of 1460)	115	1272 ACSR	OH	1	0.30	0.30
Norwalk Harbor - Glenbrook via SONO (1608)	115	1590 ACSR	OH	1	4.40	7.80
		1272 ALUM	OH	1	1.10	
		1272 ACSR	OH	1	0.80	
		2000 MCM Cu	UG	1	1.50	
Sherwood - Sasco Creek (1578)	115	1272 ACSR	OH	1	0.60	0.60
Norwalk Harbor - Glenbrook via Norwalk (1880)	115	1272 ALUM	OH	1	1.10	11.10
		1590 ASCR	OH	1	4.40	
		795 ACSR	OH	1	4.10	
		2000 MCM Cu	UG	1	1.50	
Campville - Canton via Franklin Drive (1732)	115	556 ACSR	OH	1	7.40	16.40
		1272 ACSR	OH	1	9.00	
Campville - Thomaston (1921)	115	1272 ACSR	OH	1	5.70	5.70
Bristol - Chippen Hill via Southington (1810)	115	1272 ACSR	OH	1	3.90	12.80
		556 ACSR	OH	1	4.50	
		795 ACSR	OH	1	4.40	
Southington - Forestville (1800)	115	1272 ACSR	OH	1	6.20	6.20
Forestville - Bristol (1825)	115	4/0 Cu	OH	1	2.70	5.00
		1272 ACSR	OH	1	2.30	

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Torrington Terminal - Franklin Drive (1788)	115	556 ACSR	OH	1	1.90	1.90
Campville - Torrington Terminal (1900)	115	1272 ACSR	OH	1	3.70	6.00
		556 ACSR	OH	1	2.30	
Scitico - West Hampden (CL&P Sec. of 1976)	115	1272 ACSR	OH	1	6.60	6.60
Scitico - Franconia (CL&P Sec. of 1394)	115	1272 ACSR	OH	1	6.60	6.60
Montville - Fort Hill Farms (CL&P Sec. of 1090)	115	1590 ACSR	OH	1	0.10	3.50
		556 ACSR	OH	1	3.40	
Fort Hill Farms - Stockhouse (Bozrah) (CL&P Sec. of 1070)	115	556 ACSR	OH	1	7.50	7.60
		1590 ACSR	OH	1	0.10	
Stockhouse(Bozrah) - Card (CL&P Sec. of 1490)	115	556 ACSR	OH	1	10.70	10.70
Montville - Tunnel via Card & Lisbon (1080)	115	556 ACSR	OH	1	11.50	29.20
		1272 ACSR	OH	1	16.80	
		336 ACSR	OH	1	0.90	
Montville - Bean Hill (CL&P Sec. of 1000)	115	556 ACSR	OH	1	9.20	10.00
		1272 ACSR	OH	1	0.80	
Bean Hill - Tunnel (CL&P Sec. of 1675)	115	1272 ACSR	OH	1	6.90	6.90
Shepaug - Bates Rock (1622)	115	795 ACSR	OH	1	5.50	5.50
Branford - Stepstone (1738)	115	795 ACSR	OH	1	5.90	5.90
Stepstone- Green Hill (1508)	115	795 ACSR	OH	1	5.50	5.50
Green Hill - Bokum (1342)	115	795 ACSS	OH	1	11.30	11.30

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
North Bloomfield - Northeast Simsbury (1042)	115	1590 ACSS	OH	1	2.70	2.70
Northeast Simsbury - Canton (1256)	115	795 ACSR	OH	1	9.80	9.90
		1590 ACSS	OH	1	0.10	
North Bloomfield - Bloomfield (1777)	115	1272 ACSR	OH	1	5.30	6.90
		556 ACSR	OH	1	1.60	
Manchester - Rood Ave (1448)	115	1272 ACSR	OH	1	6.20	8.10
		2- 954 ACSR	OH	1	1.90	
Northwest Hartford - North Bloomfield - Rood Ave (1751)	115	1272 ACSR	OH	1	9.60	13.00
		556 ACSR	OH	1	3.40	
Chippen Hill - Thomaston (1835)	115	2-336 ACSR	OH	1	0.60	6.90
		795 ACSR	OH	1	5.70	
		1272 ACSR	OH	1	0.60	
North Bloomfield - Farmington (1726)	115	1272 ACSR	OH	1	11.60	11.60
Berlin - Newington (1785)	115	556 ACSR	OH	1	6.70	7.00
		1272 ACSR	OH	1	0.30	
South Agawam - Franconia (CL&P Sec of 1858)	115	1272 ACSR	OH	1	5.30	5.30
Farmington – East New Britain via Newington (1783)	115	1272 ACSR	OH	1	3.50	7.10
		336 ACSR	OH	1	3.60	
South Meadow - Rocky Hill (1773)	115	2-556 ACSR	OH	1	1.70	7.70
		1272 ACSR	OH	1	6.00	
Rocky Hill - Berlin (1752)	115	1272 ACSR	OH	1	3.40	3.40
S. Meadow - Bloomfield (1779)	115	556 ACSR	OH	1	2.00	11.60
		2-211 ACSR	OH	1	0.30	

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
		2-4/0 Cu.	OH	1	4.50	
		1272 ACSR	OH	1	4.50	
		2-1192 ACSR	OH	1	0.30	
Manchester - East Hartford (1207)	115	1272 ACSR	OH	1	3.20	3.20
East Hartford - South Meadow (1786)	115	1272 ACSR	OH	1	2.40	2.60
		2-477 SSAC		1	0.20	
Manchester - South Meadow (1775)	115	1272 ACSR	OH	1	5.70	5.90
		2-477 SSAC		1	0.20	
Bloomfield - N.W. Hartford (1756)	115	556 ACSR	OH	1	3.50	3.60
		1272 ACSR	OH	1	0.10	
N.W. Hartford - S.W. Hartford (1722)	115	3000 MCM ALUM	UG	1	2.80	2.80
South Meadow - S.W. Hartford (1704)	115	3000 MCM ALUM	UG	1	3.80	3.80
Middletown - Pratt & Whitney (Middletown) (1572)	115	556 ACSR	OH	1	1.50	1.50
Middletown - Dooley (1050)	115	1272 ACSR	OH	1	2.80	6.50
		556 ACSR	OH	1	3.70	
Middletown - Portland (1443)	115	556 ACSR	OH	1	0.10	0.70
		795 ACSR	OH	1	0.60	
Portland - Hopewell (1759)	115	556 ACSR	OH	1	9.10	9.10
Haddam - P&WA Middletown (1772)	115	1272 ACSR	OH	1	11.70	13.20
		556 ACSR	OH	1	0.20	
		1192 ACSR	OH	1	0.60	
		2-1192 ACSR	OH	1	0.70	
Glenbrook - Waterside (1440)	115	1272 ACSR	OH	1	2.60	2.60

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Waterside - Cos Cob (1740)	115	1272 ACSR	OH	1	2.40	2.40
Cos Cob - South End via Tomac (1750)	115	1272 ACSR	OH	1	3.70	3.70
Old Town - Hawthorne (1222)	115	556 ACSR	OH	1	2.00	2.00
South Agawam - Southwick (CL&P Sec. of 1768)	115	556 ACSR	OH	1	4.20	11.40
		2-556 ACSS	OH	1	7.20	
Tunnel - Frybrook Tap - Brooklyn Tap - Killingly (1505)	115	1272 ACSR	OH	1	25.70	25.70
Tunnel - Frybrook Tap - Exeter Tap - Killingly (1607)	115	1272 ACSR	OH	1	25.70	25.70
East Devon - Devon (1497)	115	4 - 954 ACSR	OH	1	1.30	1.30
Norwalk - Glenbrook (1522)	115	3000 XLPE	UG	1	8.50	8.50
Norwalk - Glenbrook (1734)	115	3500 XLPE	UG	1	8.50	8.50
East Devon - Devon (1776)	115	4 - 954 ACSR	OH	1	1.30	1.30
Manchester - South Windsor (1310)	115	795 ACSR	OH	1	1.30	7.30
		556 ACSR	OH	1	6.00	
South Windsor - Barbour Hill (1635)	115	795 ACSR	OH	1	2.20	4.70
		556 ACSR	OH	1	2.50	
Manchester - Barbour Hill (1763)	115	795 ACSR	OH	1	7.60	7.60
SONO - Sherwood (1146)	115	1272 ACSS	OH	1	0.10	6.40
		1272 ACSR	OH	1	6.30	
South End - Glenbrook (1151)	115	3500 XLPE	UG	1	1.40	1.40

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Trap Falls - Pootatuck (CL&P Sec of 1241)	**115**	**795 ACSR**	**OH**	**1**	**0.60**	**0.60**
Montville - Gales Ferry (100)	69	556 ACSR	OH	1	2.40	2.40
Gales Ferry - Tunnel via Ledyard Jct. (CL&P Sec. of 400)	69	2/0 Cu.	OH	1	5.20	10.10
		4/0 Cu.	OH	1	3.30	
		556 ACSR	OH	1	1.60	
Falls Village - Salisbury (667)	69	4/0 ACSR	OH	1	6.10	6.10
Falls Village - Torrington Terminal (689)	69	336 ACSR	OH	1	19.90	19.90
Salisbury - Smithfield (CL&P Sec. of 690/FV)	69	4/0 ACSR	OH	1	1.50	1.50

TOTAL OF THE CONNECTICUT LIGHT AND POWER COMPANY LOWER VOLTAGE PTF CKT. MILES						**1064.90**

TOTAL OF THE CONNECTICUT LIGHT AND POWER COMPANY CKT. MILES						**1590.00**

Connecticut Transmission Municipal Electric Energy Co-op.

EHV Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Millstone - Beseck via Haddam (CTMEEC Sec of 348)	345	2-1590 ACSR	OH	1	0.60	0.60
Beseck - Haddam Neck (CTMEEC Sec of 362)	345	2-1590 ACSR	OH	1	0.50	0.50
East Shore - Scovill Rock (CTMEEC Sec. of 387)	345	2-954 ACSR	OH	1	0.80	0.80
Beseck - Southington (CTMEEC Sec of 3754)	345	2-1590 ACSR	OH	1	0.50	0.50
East Devon - Beseck (CTMEEC Sec of 3827)	345	2-1590 ACSR	OH	1	10.00	10.00

TOTAL CONNECTICUT TRANSMISSION MUNICIPAL ELECTRIC ENERGY Co-op. EHV VOLTAGE PTF CKT. MILES						**12.40**

Connecticut Transmission Municipal Electric Energy Co-op.
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
North Wallingford - E. Meriden (CTMEEC Sec of 1466)	115	1590 ACSR	OH	1	0.50	0.50
E. Meriden - Haddam (CTMEEC Sec of 1975)	115	1590 ACSR	OH	1	1.00	1.00
Branford - North Haven (CTMEEC Sec of 1655)	115	1590 ACSR	OH	1	1.20	1.20
Fitch - Darien (CTMEEC Sec of 1028)	115	2156 ACSR	OH	1	0.01	0.01
Fitch - Compo (CTMEEC Sec of 1243)	115	2156 ACSR	OH	1	0.01	0.01
Fort Hill Farms - Montville (CMEEC Sec. of 1090)	115	1590 ACSR	OH	1	0.02	0.02
Fort Hill Farms - CMEEC/CL&P boundary (1070)	115	1590 ACSR	OH	1	0.02	0.02
Stockhouse (Bozrah) - CMEEC/CL&P boundary (1070)	115	556 ACSR	OH	1	0.1	0.1
Stockhouse (Bozrah) - Card (CMEEC Sec. of 1490)	115	556 ACSR	OH	1	0.1	0.1
Bean Hill - Dudley Tap (CMEEC Sec. of 1000)	115	556 ACSR	OH	1	0.1	0.1
Bean Hill - Tunnel (CMEEC Sec. of 1675)	115	1272 ACSR	OH	1	0.1	0.1
Groton (Montville -Buddington) (CMEEC Sec. of 1410)	115	556 ACSR	OH	1	1.78	1.78
Groton (Montville -Buddington-Mystic) (CMEEC Sec. of 1280)	115	556 ACSR	OH	1	1.78	1.78
TOTAL CONNECTICUT TRANSMISSION MUNICIPAL ELECTRIC ENERGY Co-op. LOWER VOLTAGE PTF CKT. MILES						**6.72**
TOTAL CONNECTICUT TRANSMISSION MUNICIPAL ELECTRIC ENERGY Co-op CKT. MILES						**19.12**

Chicopee Municipal Lighting Plant
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Fairmont (at NU Structure 3079A) - Memorial (1638 line)	115	1590 ACSS	OH	1	0.70	0.70
Memorial - Piper (at NU Structure 3078A) (1904 line)	115	1590 ACSS	OH	1	0.70	0.70
TOTAL CHICOPEE MUNICIPAL LIGHTING PLANT LOWER VOLTAGE PTF CKT. MILES						**1.40**
TOTAL CHICOPEE MUNICIPAL LIGHTING PLANT CKT. MILES						**1.40**

Emera Maine
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Bailyville (ME-NB border) - Orrington (390/3016)	345	2-1192 ACSR	OH	1	84.40	84.40
Orrington - Maxcys (388 - town of Orrington secton only)	345	2-1590 ACSR	OH	1	4.87	4.87
TOTAL EMERA MAINE HIGH VOLTAGE PTF CKT. MILES						**89.27**
TOTAL EMERA MAINE CKT. MILES						**89.27**

Formerly Bangor Hydro Electric Company

Emera Maine
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Graham-Orrington	115	795 ACSR	OH	2	7.25	14.50
Orrington-Bucksport (BHE section only)	115	795 ACSR	OH	2	5.20	10.40
Graham-Orrington - Line 246	115	2x795 ACSR	OH	1	7.25	7.25
Tap Line 205 (Bucksport-Orrington) - Boggy Brook - Line 60	115	795 ACSR	OH	1	20.60	20.60
Orrington - Coopers Mills (EM portion only) - Line 254	**115**	**2x 795 ACSR**	**OH**	**1**	**5.02**	**5.02**
Boggy Brook-Rebel Hill - Line 67	115	795 ACSR	OH	1	13.60	13.60
Graham-Rebel Hill - Line 66	115	795 ACSR	OH	1	14.00	14.00
Graham - Enfield - Line **97** & 64	115	2x795 ACSR	OH	1	32.50	32.50
Keene Rd - Enfield - Line 64	115	2x795 ACSR	OH	1	11.50	11.50
Rebel - Deblois - Line 51 & 93	115	795 ACSR	OH	1	25.60	25.60
Deblois - Epping - Line 52	115	795 ACSR	OH	1	9.15	9.15
Epping - Columbia - Line 59	115	266 ACSR	OH	1	3.63	3.63
Columbia - Tunk - Line 59	115	795 ACSR	OH	1	21.70	21.70
Boggy - Waltham - Line 57	115	795 ACSR	OH	1	1.00	1.00
Waltham - Tunk - Line 58	115	795 ACSR	OH	1	22.45	22.45
TOTAL EMERA MAINE LOWER VOLTAGE PTF CKT. MILES						**212.90**
TOTAL EMERA MAINE CKT. MILES						302.17

Formerly Bangor Hydro Electric Company

Holyoke Gas And Electric Department
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Holyoke - North Canal (1894 line)	115	795 ACSR	OH	1	0.85	0.85
North Canal - Fairmont (1356 line)	115	795 ACSR	OH	1	0.03	0.03
Holyoke - Ingleside (1292 line)	115	795 ACSR	OH	1	3.14	3.14
Southampton Jct. - Ingleside (1657 line)	115	795 ACSR	OH	1	5.23	5.23
TOTAL HOLYOKE GAS AND ELECTRIC DEPARTMENT LOWER VOLTAGE PTF CKT. MILES						9.25
TOTAL HOLYOKE GAS AND ELECTRIC DEPARTMENT CKT. MILES						**9.25**

Maine Electric Power Company
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Orrington - Keene Road (396)	345	2-795 ASCR	OH	1	0.26	50.40
		2-850.8 ACSR	OH	1	50.04	
		2-1192.5 ACSR	OH	1	0.10	
Keene Road - NB/ME Border - (MEPCO Section) (3001)	345	2-850.8 ACSR	OH	1	**50.95**	**50.95**
Orrington - Coopers Mills Road (388)	345	2-850.8 ACSR	OH	1	**38.21**	**38.21**
Orrington - Albion Rd (3023)	345	2-850.8 ACSR	OH	1	**7.43**	**12.66**
		2-1590 ACSR	**OH**	**1**	**5.23**	
Coopers Mills Road - Maine Yankee (392)	345	2-850.8 ACSR	OH	1	**25.81**	**26.58**
		2-1590 ACSR	OH	1	**0.77**	
TOTAL MAINE ELECTRIC ELECTRIC POWER COMPAHY VOLTAGE EHV PTF CKT. MILES						**178.80**
TOTAL MAINE ELECTRIC POWER COMPANY EHV PTF CKT. MILES						178.80

Maine Electric Power Company
Lower Voltage

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Orrington - Coopers Mills Road (254)	115	900 ACSR	OH	1	2.35	2.35

TOTAL MAINE ELECTRIC ELECTRIC POWER COMPAHY VOLTAGE LOWER VOLTAGE PTF CKT. MILES	2.35

TOTAL MAINE ELECTRIC POWER COMPANY CKT. MILES	181.15

Middleborough Gas and Electric Department
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Middleborough Town Line - Wareham Street Substation (E-1)	115	795 ACSR	OH	1	1.7	4.83
		636 ACSR	OH	1	3.13	
Wareham Street Substation - Middleborough Town Line (M-1)	115	636 ACSR	OH	1	5.52	5.52
TOTAL MIDDLEBOROUGH GAS & ELECTRIC DEPARTMENT LOWER VOLTAGE PTF CKT. MILES						10.35
TOTAL MIDDLEBOROUGH GAS & ELECTRIC DEPARTMENT CKT. MILES						**10.35**

National Grid
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Carpenter Hill-Belchertown/Ludlow Town Line(NEP Sec.of 301)	345	2-900 AL	OH	1	23.10	23.10
Carpenter Hill - Millbury 3 (302)	345	2-900 AL	OH	1	15.95	15.95
Berry St - ANP Bellingham (303)	345	2-900 AL	OH	1	7.00	9.00
		2-1113AAC	OH	1	2.00	
Millbury 3 - Wachusett (308)	345	2-1113 ACSR	OH	1	12.46	12.46
Millbury 3 - Wachusett (313)	345	2-1113 AAC	OH	1	12.66	12.66
Wachusett - Sandy Pond (314)	345	2-1113 ACSR	OH	1	23.26	23.26
Brayton Point - Riverside Jct. (315)	345	2-954 ACSR	OH	1	35.00	35.00
Riverside Jct. - W. Farnum (315)	345	2-1024 ACAR	OH	1	3.40	3.40
Millbury 3 - Milford/Medway Town Line (NEP Sec. of 323)	345	2-900 AL	OH	1	14.37	14.37
Sandy Pond - MA/NH State Line (NEP Sec. of 326)	345	2-900 AL	OH	1	12.40	12.40
Brayton Point - Berry St. (327)	345	2-900 AL	OH	1	25.50	25.50
Sherman Rd - W Farnum (328)	345	2-1025 ACAR	OH	1	8.99	8.99
Bridgewater/Middleboro Line - Walpole Jct.(NEP sec of 331)	345	2335 ACAR	OH	1	23.60	23.60
Kent County - West Farnum (332)	345	2-954 ACSR	OH	1	21.40	21.40
Sandy Pond - Tewksbury 22A (337)	345	2-954 ACSR	OH	1	15.90	15.90
Tewksbury 22A - Billerica/Burlington Town Line (NEP Sec. of 338)	345	2-954 ACSR	OH	1	6.70	6.70
Tewksbury 22A - Wakefield Jct (339)	345	2-1590 ACSR	OH	1	15.10	15.10

National Grid
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
West Farnum - RI/CT State Line (NEP Sec of 341)	**345**	**2-1590 ACSR**	**OH**	**1**	**17.70**	**17.70**
Wachusett - Sandy Pond (343)	345	2-1113 AAC	OH	1	22.43	22.43
Bridgewater - Walpole Jct. (NEP sec of 344)	345	2-1703 ACAR	OH	1	19.10	19.10
Sherman Rd - RI/CT State Line (NEP sec of 347)	345	2-1024 ACAR	OH	1	8.66	8.66
Golden Hills - Wakefield Jct (349)	345	2-1590 ACSR	OH	1	2.40	2.40
Bridgewater - Bridgewater/Middleboro Line (NEP Sec of 356)	345	2-1703 ACAR	OH	1	4.50	4.50
Millbury 3 - Milford/Medway Town Line (NEP Sec. of 357)	345	2-1113 ACSR	OH	1	14.27	14.27
Millbury 3 - West Farnum (366)	**345**	**2-1590 ACSR**	**OH**	**1**	**20.20**	**20.20**
Ward Hill - West Amesbury - MA/ NH State Line (NEP sec of 394)	345	2-1590 ACSR	OH	1	2.84	16.84
		2-2156 ACSR	OH	1	14.00	
Kent County - West Farnum (359)	345	2-954 ACSR	OH	1	21.40	21.40
Tewksbury 22A - Ward Hill (397)	345	2-1590 ACSR	OH	1	15.16	15.16
Sherman Rd - RI/MA State Line (NEP sec of 3361)	345	2-1025 ACAR	OH	1	0.23	0.23
ANP Bellingham - W. Medway #446 (NEP Sec. Of 3520)	345	2-900 AL	OH	1	2.05	2.05
Comerford - N. Litchfield (A-201)	230	795 ACSR	OH	1	104.56	104.56
Comerford - Dunbarton (B-202)	230	795 ACSR	OH	1	91.36	91.36
Dunbarton - N. Litchfield (B-202)	230	795 ACSR	OH	1	13.20	13.20

National Grid
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Moore - Littleton Tap - Comerford (C-203)	230	554 AL	OH	1	6.61	6.61
Littleton Tap - Littleton Sub. (PSNH) (C-203)	230	795 ACSR	OH	1	0.22	0.22
Comerford - Littleton Tap (D-204)	230	554 AL	OH	1	5.92	5.92
Littleton Tap - Littleton Sub. (PSNH) (D-204)	230	795 ACSR	OH	1	0.17	0.17
Pratts Jct. - Bear Swamp (E-205E)	230	795 AL, ACSR	OH	1	73.93	73.93
Bear Swamp - Vermont/NY State Line (NMPC) (E-205W)	230	795 ACSR, ACSS	OH	1	27.13	27.13
N. Litchfield Switchyard -Tewksbury 22 (N-214)	230	795 ACSR	OH	1	21.80	21.80
N. Litchfield Switchyard - Tewksbury 22 (O-215)	230	795 ACSR	OH	1	21.80	21.80
TOTAL NATIONAL GRID USA EHV PTF CKT. MILES						**810.43**

National Grid
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Manchester St. - Hartford Ave. (E-105/F-106)	115	2750 CU	UG	2	6.82	13.64
Adams - Bennington (VELCO) (Q-117)	115	795 ACSR	OH	1	7.40	7.40
Millbury 2 - Tower 510 (Z-126)	**115**	**957 ACSR**	**OH**	**1**	**6.89**	**6.89**
Tower 510 - Webster St. Tap #2 (Z-126)	**115**	**477 ACCR**	**OH**	**1**	**2.12**	**2.12**
Millbury 2 - Tower 510 (A-127/B-128)	**115**	**795 ACSS**	**OH**	**2**	**6.89**	**13.78**
Tower 510 - Webster St. Tap #1 (A-127)	**115**	**477 ACCR**	**OH**	**1**	**2.12**	**2.12**
Tower 510 - Harriman (A-127)	**115**	**477 ACCR**	**OH**	**1**	**56.69**	**67.39**
		795 ACCR	**OH**	**1**	**10.70**	
Tower 510- Montague Tap (B-128)	**115**	**477 ACCR**	**OH**	**1**	**46.05**	**46.05**
Montague Tap - Harriman (B-128)	**115**	**477 ACCR**	**OH**	**1**	**21.13**	**21.13**
Montague Tap - Montague (NU) (B-128)	115	**477 ACCR**	OH	1	2.74	2.74
Beaver Pond - Bellingham/Medway Town Line (NSTAR) (C-129N)	115	2-636 AL	OH	1	5.30	5.30
Milford/Medway Town Line (NSTAR) -Depot St.Tap-Rocky Hill-Purchase St - Millbury 2 (C-129N)	115	795 AL	OH	1	14.34	14.54
		954 ACSS	OH	1	0.20	
Beaver Pond - Union St. (C-129)	115	2-636 AL	OH	1	1.70	1.70
Union St. - S. Wrentham (C-129S)	115	2-636 AL	OH	1	3.30	3.30
Depot St. Tap - Milford Power Tap - Milford Power (C-129N)	115	477 & 1590 ACSR	OH	1	2.90	2.90
Depot St. Tap - Milford Power Tap - Milford Power (D-130)	115	795 ACSR & 1590 ACSR	OH	1	2.90	2.90
Millbury - Purchase St - Rocky Hill - Depot St. Tap - Medway (BECo) (D-130)	115	795 AL	OH	1	14.34	14.53
		954 ACSS	OH	1	0.19	
Adams - Bear Swamp Jct. (E-131)	115	1113 ACSR	OH	1	6.74	6.74
Harriman - Bear Swamp Jct. (E-131)	115	1113 ACSR	OH	1	5.53	5.53

Bear Swamp - Bear Swamp Jct. (E-131)	115	2 – 1113 ACSR	OH	1	2.60	2.60
Adams - Lanesboro (WMECO) (F-132)	115	1113 ACSR	OH	1	12.55	12.55
W. Methuen - Golden Rock Tap - E. Methuen (G-133W)	115	1590 ACSR	OH	1	2.05	2.05
E. Methuen - Ward Hill (G-133E)	115	1590 ACSR	OH	1	3.16	3.16
Bellow Falls - Monadnock Tap - Fitzwilliam (I-135N)	115	795 ACSR	OH	1	27.96	27.96
Fitzwilliam - E. Winchendon Tap - Ashburnham - Flagg Pond (I-135)	115	795 ACSR	OH	1	23.46	23.46
Pratts Jct. - Flagg Pond (I-135S/J-136S)	115	795 ACSS	OH	2	8.40	16.80
Flagg Pond - Ashburnham - E. Winchendon - Bellows Falls (J-136N)	115	4/0 CU	OH	1	51.98	51.98
Sandy Pond - Ayer (K-137)	115	1590 ACSR	OH	1	3.52	3.52
Ayer - Pratts Jct. (K-137W)	115	1590 ACSR	OH	1	13.17	13.17
Tewksbury 22 - Sandy Pond (K-137E/L-138E)	115	1590 ACSR	OH	2	15.79	31.58
Sandy Pond - Laurel Circle - Pratts Jct. (L-138W)	115	1590 ACSR	OH	1	14.82	14.82
Tewksbury 22 - Billerica Tap - Pinehurst - Billerica/Burlington Town Line (BECo) (M-139/N-140)	115	795 ACSR	OH	2	6.65	13.30
Pratts Jct. - Sterling Tap - Wachusett (O-141N)	115	954 ACSR	OH	1	8.40	8.40
Wachusett - Greendale (O-141W)	115	954 ACSR &	OH	1	1.90	4.31
		636 ACSS	OH	1	2.41	
Greendale - Nashua St. (O-141)	115	636 ACSS	OH	1	2.50	2.50
Nashua St. - Millbury 2 (O-141S)	115	636 ACSS	OH	1	4.88	15.38
		954 ACSR	OH	1	10.50	
Pratts Jct. - Sterling Tap - Wachusett (P-142N)	115	954 ACSR	OH	1	8.40	8.40
Wachusett - W. Boylston (P-142W)	115	1590 ACSR	OH	1	0.75	0.75
W. Boylston - Rolfe Ave (P-142)	115	1590 ACSR	OH	1	4.80	5.75
		1113 ACSS	OH	1	0.95	
Rolfe Ave. - Bloomingdale - Wyman Gordon - Millbury 2 (P-142S)	115	954 ACSR	OH	1	3.10	9.56
		1113 ACSS	OH	1	1.36	

		1590 ACSR	OH	1	1.60	
		477 ACSR	OH	1	3.50	
Millbury 2 - Whitins Pond Tap - Uxbridge (Q-143N)	115	795 ACSR	OH	1	12.17	12.17
Uxbridge - Woonsocket (Q-143S)	115	795 ACSR	OH	1	9.81	9.81
Millbury 2 - Whitins Pond Tap - Woonsocket (R-144)	115	795 ACSR	OH	1	19.42	19.42
Salem Harbor - Canal Street (S-145E)	115	2200 CU	UG	1	1.44	1.44
Canal Street - Railyard - West Salem - Bartholomew- Wakefield Jct. (S-145E/T-146E)	115	1590 ACSR	OH	2	8.28	16.56
Wakefield Jct. - Wallace - N. Rdg - Burtt Rd - E. Tewksbury - Tewksbury 22 (S-145/T-146)	115	300 CU	OH	2	5.41	29.82
		636 ACSS	OH	2	9.50	
Salem Harbor - Canal Street (T-146X/T-146Y)	115	2-1000 CU	UG	1	1.31	1.31
Read St. - Robinson Ave - Washington (V-148S)	115	795 AL & 1113 AL	OH	1	7.23	7.23
Washington - Woonsocket (V-148N)	115	795 AL	OH	1	4.34	4.34
Bellows Falls - Michaels Avenue - Ascutney Tap - Slayton Hill (W-149S)	115	336 ACSR &	OH	1	19.40	37.10
		954 ACSR	OH	1	17.70	
Slayton Hill - Mt. Support - Wilder (W-149N)	115	954 ACSR	OH	1	3.30	3.30
Power St. (PSNH) - Dracut Jct. (Y-151)	115	4/0 CU	OH	1	9.32	9.32
W. Methuen - Dracut Jct. - Tewksbury Jct - Tewksbury 22 (Y-151)	115	795 & 1590 ACSR	OH	1	9.80	9.80
S. Danvers - King St. Tap - Ward Hill (B-154N/C-155N)	115	1590 ACSR	OH	2	17.29	34.58
King St. Tap - King St. (B-154N)	115	795 ACSR	OH	1	3.88	3.88
Salem Harbor - S. Danvers (B-154S/C-155S)	115	1351 SSAC	OH	2	4.90	9.80
		1590 ACSR				
Northboro Rd. - W. Framingham (BECo) (D-156)	115	795 ACSR	OH	1	5.47	5.47
Millbury 2. - Centech (Shrewsbury Muni) (E-157W)	**115**	**795 ACSR**	**OH**	**1**	**5.84**	**5.84**

Centech (Shrewsbury Muni) - East Main St (E-157)	**115**	**795 ACSR**	**OH**	**1**	**5.74**	**5.74**
East Main Street - Northboro Road (E-157E)	115	**795 ACSR & 1590 ACS**	OH	1	2.53	2.53
Wakefield Junction - Wakefield Municipal Tap - Melrose 2 Tap - Golden Hills - Maplewood (F-158N)	115	**795 ACSS**	OH	1	4.28	6.64
		1590 ACSR	OH	1	2.36	
Maplewood - Everett (F-158S)	115	795 ACSR	OH	1	2.48	2.48
King St. - W. Amesbury (K-163)	115	795 ACSR	OH	1	7.23	7.23
Millbury 2 - Wheelabrator Tap - Vernon Hill (M-165)	115	477 AL	OH	1	4.87	4.87
Everett - Mystic #250 (BECo)(O-167/423-515)	115	795 ACSR	OH	1	1.50	1.69
		1250 CU & 2250 CU	UG	1	0.19	
Revere - Chelsea (BECo) (P-168/128-518)	115	795 ACSS	OH	1	0.20	0.20
Chelsea (BECo) - Mystic (BECo) (P-168/488-518)	115	795 ACSS	OH	1	1.25	1.52
		2-2250 CU	UG	1	0.27	
Lynn - GE River Works Tap - Resco Saugus - Golden Hills - Melrose 2 Tap - Wakefield Muni Tap - Wakefield Junction (Q-169)	115	795 ACSS	OH	1	6.74	9.46
		1590 ACSR	OH	1	2.72	
Palmer - West Hampden (R-170)	**115**	**954 ACSR**	**OH**	**1**	**9.92**	**9.92**
Woonsocket - Hartford Ave. via W. Farnum Taps (S-171N/T-172N)	115	1590 ACSR	OH	2	12.37	24.74
West Farnum - W. Farnum Taps (S-171N/T-172N)	115	1590 ACSR	OH	2	0.17	0.34
Hartford Ave - Johnston Tap - RISE Tap - Ridgewood (S-171)	115	1590 ACSS	OH	1	0.70	2.21
		1590 ACSR	OH	1	1.51	
Ridgewood - W. Cranston - Drumrock (S-171S)	115	1590 ACSR	OH	1	8.77	8.77
Hartford Ave.-Johnston Tap - RISE Tap - Shun Pike - W.Cranston-Drumrock (T-172S)	115	1590 ACSR	OH	1	10.14	10.84
		1590 ACSS	OH	1	0.70	
RISE tap - RISE (FPLE) (S-171/T-172S Taps)	115	2-795 ACSS	OH	2	0.03	0.06
Carpenter Hill - N. Oxford - Millbury 2 (V-174)	115	1590 ACSR	OH	1	15.20	15.20
Palmer - Little Rest Rd. - W. Charlton - Carpenter Hill (W-175)	115	795 AL &	OH	1	17.58	17.58
		1590 ACSR				

Palmer - Thorndike - Belchertown/Ludlow Town Line (WMECO) (X-176)	115	1590 ACSR	OH	1	9.00	9.00
Harriman - Sherman - Montague (Y-177)	115	795 AL & ACSR	OH	1	25.81	25.81
Lynn - GE Lynn Tap - Revere (A-179)	115	795 ACSR	OH	1	3.80	5.10
		795 ACSS	OH	1	1.30	
Vernon Hill - Bloomingdale (B-180)	115	2000 CU	OH	1	3.60	3.60
S. Wrentham - Berry St. (C-181N)	115	2-636 AL	OH	1	1.00	1.00
Berry St - N. Attleboro - Mansfield - Chartley Pond (C-181)	115	2-636 AL	OH	1	7.76	7.76
Brayton Point - Chartley Pond (C-181S)	115	2-636 AL	OH	1	17.75	17.75
S. Wrentham - Berry St. (D-182N)	115	2-636 AL	OH	1	1.00	1.00
Berry St. - N. Attleboro - Mansfield - Brayton Point (D-182S)	115	2-636 AL	OH	1	25.54	25.54
Brayton Point - Merriman Jct.- Mink St.- Wampanoag (E-183E)	115	2-1113 AL	OH	1	12.50	12.50
Wampanoag - Phillipsdale Tap - Franklin Square (E-183W)	115	2-1113 AL	OH	1	3.62	3.62
Brayton Point - Merriman Jct. - Mink St. - Read St. (F-184)	115	2-1113 AL	OH	1	20.77	20.77
Drumrock - Kent County (G-185N)	115	1590 ACSR	OH	1	0.99	0.99
Kent County - West Kingston (G-185S)	115	1113 ACSR	OH	1	4.30	17.67
		795 ACSR	OH	1	0.96	
		1590 ACSR	OH	1	12.41	
Drumrock - Kent County (K-189)	115	2-795 ACSR	OH	1	0.99	0.99
Kent County - Tower Hill - West Kingston (L-190)	115	795 AL,ACSR	OH	1	13.55	18.85
		1113 ACSS	OH	1	3.60	
		1590 ACSR	OH	1	1.70	
Moore - Littleton Tap (PSNH) (Q-195)	115	477 ACSR	OH	1	0.05	0.05
Bear Swamp - Deerfield No. 4 Station (S-197)	115	795 ACSR	OH	1	14.10	14.10
West Kingston - Kenyon (1870N)	115	1113 ACSR	OH	1	4.20	4.20
Kenyon - Wood River (1870)	115	1113 ACSR	OH	1	3.80	3.80
Wood River - Mystic (CL&P) (1870S)	115	795 AL	OH	1	7.20	7.20

Grove St. Tap (BECo) - Mid-Weymouth - Edgar (478-509)	115	795 ACSR	OH	1	0.18	0.18
Parkview - Auburn (A94)	115	795 ACSR	OH	1	8.53	8.53
Dupont - Auburn (C2)	115	636 ACSR	OH	1	1.98	1.98
Bell Rock - Dartmouth Line (D21)	115	1590 ACSR	OH	1	4.22	4.22
Bridgewater - Middleboro Muni Border (E1)	115	795 ACSR	OH	1	4.68	4.68
Bridgewater - E. Bridgewater Tap (E20)	115	628.7 ACSR	OH	1	4.09	4.09
E. Bridgewater Tap - Auburn (E20)	115	628.7 ACSR	OH	1	4.41	4.41
Bridgewater - Auburn Street (F19)	115	636 ACSR	OH	1	4.06	8.50
		954 ACSR	OH	1	4.44	
Bridgewater - Dupont (G18)	115	954 ACSR	OH	1	7.60	7.60
W. Farnum - Farnum Tap - Riverside (H17)	115	795 ACSR	OH	1	2.07	5.44
		795 AL	OH	1	1.54	
		477 SSAC	OH	1	1.83	
Staples - Highland Park (J16S)	115	465.4 AAAC & 477 ACS	OH	1	1.79	1.79
Highland Park - Riverside (J16)	115	465.4 AAAC & 477 ACS	OH	1	2.27	2.27
Swansea - Robinson (K15)	115	477 ACSR	OH	1	16.42	16.42
E. Bridgewater Tap - E. Bridgewater (L1)	115	636 ACSR	OH	1	1.93	1.93
E. Bridgewater - Mill St. - Middleboro Muni Border (M1)	115	636 ACSR	OH	1	5.32	5.32
Somerset - Tiverton Tap - Canonicus (M13)	115	795 ACSR	OH	1	12.26	12.26
Canonicus - Dexter (M13 / L14)	115	636 AAC/ACSR	OH	2	7.43	14.86
Tiverton Tap - EMI Tiverton Tap (M13/L14)	115	795 ACSR	OH	2	1.90	3.80
EMI Tiverton Tap - EMI Tiverton (M13/L14)	115	795 ACSR	OH	2	0.53	1.06
Bell Rock - Tiverton Tap- Canonicus (L14)	115	636 ACSR	OH	1	8.75	8.75
Somerset - Sykes Rd - Bell Rock (N12)	115	795 ACSR	OH	1	3.46	3.46
Pawtucket - Robinson (P11)	115	477 ACSR	OH	1	8.75	8.75

Robinson - Valley Sub. (P11)	115	336.4 ACSR	OH	1	0.88	0.88
Robinson - Staples (Q10)	115	477 ACSR	OH	1	5.89	5.89
Valley Sub. - Riverside (R9)	115	465.4 AAAC	OH	1	10.04	10.04
Belmont Tap - Belmont (S1)	115	795 ACSS	OH	1	4.27	4.27
Somerset - Taunton Tap (S8)	115	628.7 ACSR	OH	1	9.83	9.83
Taunton Tap - Raynham - Bridgewater (S8)	115	628.7 ACSR	OH	1	9.92	9.92
Somerset - Pawtucket (T7)	115	795 ACSR	OH	1	18.00	18.00
Belmont - Stoughton Tap (U2)	115	636 ACSR	OH	1	2.83	2.83
Stoughton Tap - Parkview (U2)	115	636 ACSR	OH	1	0.74	0.74
Somerset - Dighton (U6)	115	636 ACSR	OH	1	6.78	6.78
Dighton - EMI Dighton (U6)	115	636 ACSR	OH	1	1.00	1.00
EMI Dighton - Raynham - Bridgewater (U6)	115	795 ACSR	OH	1	12.00	12.00
Somerset - Dighton (V5)	115	636 ACSR	OH	1	6.78	6.78
Dighton - Taunton Tap (V5)	115	636 ACSR	OH	1	3.05	3.05
Taunton Tap - Bridgewater (V5)	115	636 ACSR	OH	1	9.92	9.92
Somerset - Swansea (W4)	115	447 ACSR	OH	1	4.46	4.46
Somerset - Phillipsdale Tap - Pawtucket (X3)	115	336.4 ACSR	OH	1	18.36	18.36
Millbury #2 - Millbury #4 - Millbury #5 (No. 1 Trans. Line)	115	1113 ACSR	OH	1	0.20	0.20
Millbury #2 - Millbury #4 - Millbury #5 (No. 2 Trans. Line)	115	4/0 CU	OH	1	0.04	0.16
		1113 ACSR	OH	1	0.12	
Millbury #2 - Millbury #5 (No. 3 Trans. Line)	115	4/0 ACSR	OH	1	0.16	0.16
Chestnut Hill, Athol - Vernon (A-1N)	69	2/0 CU	OH	1	26.26	26.26
Otter River - Chestnut Hill, Athol (A-1)	69	2/0 CU	OH	1	11.09	11.09
Pratts Jct. - Otter River (A-1S)	69	2/0 CU	OH	1	21.78	21.78

Park St., Gardner Switch Tower - Vernon (B-2N)	69	2/0 CU	OH	1	31.81	31.81
Pratts Jct. - Gardner Switch Tower - Park St (B-2S)	69	2/0 CU	OH	1	18.87	18.87
Vernon - Deerfield No. 4 Station (D-4)	69	477 ACSR	OH	1	16.55	16.55
Millbury #5 - Pondsville - Leicester - Meadow St., Spencer (E-5E/F-6E)	69	477 ACSR	OH	2	14.65	29.30
Meadow St., Spencer - Lashaway - Ware (E-5/F-6)	69	477 ACSR	OH	2	10.83	21.66
Ware - Shutesbury (E-5W)	69	336 ACSR	OH	1	19.43	19.43
Shutesbury-Deerfield No.2 Sta.-Deerfield No.4 Sta. (E-5D)	69	336 ACSR	OH	1	21.16	21.16
Ware-Deerfield No.2 Sta.-Deerfield No.4 Sta. (F-6W)	69	336 ACSR	OH	1	40.62	40.62
Deerfield No. 5 Station - Adams (J-10)	69	#1 CU & 394 AL	OH	1	8.50	8.50
Ware - Palmer (O-15N)	69	795 ACSR	OH	1	10.30	10.30
Fitch Rd - Woodside (W-23)	69	795 ACSR	OH	1	8.40	8.40
Woodside - Northboro Rd (W-23W)	69	477 ACSR	OH	1	3.42	3.67
		795 AL	OH	1	0.25	
Westboro - Northboro Road (X-24E)	69	795 ACSR, AL	OH	1	4.20	4.20
Millbury #5 - N. Grafton - Westboro (X-24W)	69	795 ACSR	OH	1	10.33	10.33
Harriman - Searsburg Switchyard (Y-25)	69	477 ACSR	OH	1	8.48	8.48
Searsburg Switchyard - GMP Wind Farm Tap - Bennington (VELCO) (Y-25N)	69	477 ACSR	OH	1	3.07	3.07
Deerfield No. 5 Station - Hoosac Wind - Harriman (Y-25S)	69	477 ACSR	OH	1	5.45	5.45
Fitch Road - Wachusett (M-39)	69	795 ACSR	OH	1	6.60	6.60
Pratts Jct. - Fitch Road (N-40)	69	795 ACSR	OH	1	4.30	4.30
Dexter - Jepson (61/62)	69	636 AL	OH	2	4.40	8.80

TOTAL NATIONAL GRID USA LOWER VOLTAGE PTF CKT. MILES						**1663.41**

TOTAL NATIONAL GRID USA CKT. MILES						**2473.84**

New Hampshire Transmission, LLC
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES	
Seabrook - Scobie (363)	345	SF6 BUS	OH	1	0.20	0.20	*
Seabrook - Timber Swamp Rd - Newington (369)	345	SF6 BUS	OH	1	0.20	0.20	*
Seabrook - NH/MA State Line (PSNH Sec. of 394)	345	SF6 BUS	OH	1	0.20	0.20	*
TOTAL NEW HAMPSHIRE TRANSMISSION, LLC EHV PTF CKT. MILES						**0.60**	

* NHT owns 88.22889 % of these facilities, MMWEC owns 11.59340% of these facilities, Taunton MLP owns 0.10034% of these facilities, and Hudson L&P owns 0.07737% of these facilities.

Norwood Municipal Light Department
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES	
Norwood Tap- Norwood Station #495 (447-508)	115	795 ACSR	OH	1	3.32	3.32	
Norwood Tap - Norwood Station #495 (447-509)	115	795 ACSR	OH	1	3.32	3.32	
Norwood Station #495 - Norwood Station #469 (495-532)	115	1000 CU	UG	1	2.25	2.25	*
Norwood Station #495 - Norwood Station #469 (495-533)	115	1000 CU	UG	1	2.28	2.28	*
TOTAL NORWOOD MUNICIPAL LIGHT DEPARTMENT LOWER VOLTAGE PTF CKT. MILES						11.17	
TOTAL NORWOOD MUNICIPAL LIGHT DEPARTMENT CKT. MILES						**11.17**	

* Station #495 = Town of Norwood Dean St. Substation
* Station #469 = Town of Norwood Ellis Ave. Substation

NSTAR
EHV PTF

LINE	KV	CONDUCTOR	OH	CKTS	PER CKT	MILES
W. Medway #446 - Framingham #240 (240-601)	230	1113 ACSR	OH	1	10.96	10.96
Sudbury #342 - Waltham #282 (282-602)	230	1113 ACSR	OH	1	**8.20**	**8.20**
W. Medway #446 - Sudbury #342 (342-603)	**230**	**1113 ACSR**	**OH**	**1**	**16.64**	**16.64**
W. Medway #446 - W. Walpole #447 (325)	345	2500 ACSR	OH	1	9.62	9.62
W. Medway #446 - W. Walpole #447 (389)	345	2-954 ACSR	OH	1	9.57	9.57
W. Medway #446 - Milford/Millbury (NSTAR Sec.of 323)	345	2-900 AL	OH	1	1.83	1.83
W. Medway #446 - Milford/Millbury (NSTAR Sec.of 357)	345	2-1113 ACSR	OH	1	1.83	1.83
W. Medway #446 - Brayton Pt. (NSTAR Sec. of 3520)	345	2-900 AL	OH	1	0.10	0.10
W. Medway #446 - NEA Tap (336)	345	2-900 ACSS	OH	1	5.55	5.55
NEA Tap - ANP Blackstone #309 (336)	345	2-900 ACSS	OH	1	2.32	2.32
ANP Blackstone #309 - Sherman Road (Sec. of 3361 in MA)	345	2-1024 ACAR	OH	1	9.54	10.61
		2-900 ACSS	OH	1	1.07	
	345	2-1703 ACAR	OH	1	8.93	8.93
W. Walpole #447 - W. Walpole Jct. (NSTAR Sec.of 331)	345	2500 ACSR	OH	1	0.65	0.65
Stoughton #330 - Holbrook #478 (316)	345	2-1590 ACSR	OH	1	5.65	5.65
W. Walpole #447 - Stoughton #330 (3161)	345	2-1590 ACSR	OH	1	9.00	9.00
Pilgrim #650 - Carver #726 (355)	345	2-1703 ACAR	OH	1	14.70	14.70
Pilgrim #650 - Jordan Rd. Jct. (342)	345	2-1703 ACAR	OH	1	4.70	4.70
Jordan Rd. Jct. - Snake Hill Rd (Pilgrim Tap) (342)	345	2-1703 ACAR	OH	1	2.60	2.60
Jordan Rd. Jct. - Auburn #451 (NEP Station) (342)	345	2-1590 ACSR	OH	1	25.85	25.85
Auburn (NEP Substation) #451 - Holbrook #478 (335)	345	2-1590 ACSR	OH	1	7.30	7.30
Mystic #250, Everett - Golden Hills (349XY)	345	2-2000 Cu	UG	1	6.28	6.28

Mystic #250, Everett - N. Cambridge #509 (358)	345	2500 Cu	UG	1	4.96	4.96
Mystic #250, Everett - N. Cambridge #509 (351)	345	2500 Cu	UG	1	4.96	4.96
Mystic #250, Everett - Kingston Street #514T, Boston (324)	345	2250 Cu	UG	1	4.20	4.20
Mystic #250, Everett - Kingston Street #514T, Boston (372)	345	2250 Cu	UG	1	4.20	4.20
N. Cambridge #509 - Woburn #211 (346)	345	2500 Cu	UG	1	6.02	6.02
N. Cambridge #509 - Woburn #211 (365)	345	2500 Cu	UG	1	6.02	6.02
Woburn #211 - Billerica Town Line (NSTAR Sec. of 338)	345	2-954 ACSR	OH	1	6.18	6.18
Woburn #211 - Lexington #320 (319)	345	2-1113 ACSR	OH	1	8.24	8.24
Hyde Park #496 - Stoughton #330 (3164)	345	2500 Cu	UG	1	11.20	11.20
Kstreet #385 - Stoughton #330 (3162)	345	2500 Cu	UG	1	17.5	17.5
Kstreet #385 - Stoughton #330 (3163)	345	2500 Cu	UG	1	17.5	17.5
Canal Plant - Snake Hill Rd (Pilgrim Tap) (322)	345	1-2335 ACAR	OH	1	13.00	13.00
Snake Hill Rd (Pilgrim Tap) - Carver (322)	345	1-2335 ACAR	OH	1	7.40	7.40
Carver - Bridgewater/Middleboro Line (331)	345	1-2335 ACAR	OH	1	9.40	9.40
Canal Plant - Snake Hill Rd (Pilgrim Tap) (342)	345	2-1703 ACAR	OH	1	13.00	13.00
Carver #726 - Bridgewater (NSTAR Sec. Of 356)	345	2-1703 ACAR	OH	1	9.40	9.40
Carver #726 - West Barnstable #921 (399)	345	2-954 ACSS	OH	1	17.14	30.78
		2-1703 ACAR	OH	1	12.84	
		1-2338 ACAR	OH	1	0.80	

TOTAL NSTAR COMPANY EHV PTF CKT. MILES						**336.85**

NSTAR
LOWER VOLTAGE PTF

LINE	KV	CONDUCTOR	OH	CKTS	PER CKT	MILES
Mystic #250, Everett - Woburn #211 (211-514)	115	1250 Cu	UG	1	7.72	7.72
Mystic #250 - Everett (NSTAR) (NSTAR sec. of 423-515)	115	1250 Cu, 1-2250 Cu	UG	1	0.31	0.31
Mystic #250, Everett - Chelsea #488 (NSTAR) (NSTAR sec. of 488-518)	115	2-2250 Cu 795 ACSS	UG OH	1 1	0.22 1.15	1.37
Chelsea #488 - Revere (NSTAR) (128-518)	115	795 ACSS	OH	1	0.85	0.85
Mystic #250, Everett - Hawkins #2 (250-516/517)	115	2000 Cu	UG	2	2.60	5.20
Hawkins #2 - Chatham St. #12 (250-516/517)	115	2250 Cu	UG	2	0.54	1.08
Chatham St. #12 - K Street #385 (250-516/517)	115	2250 Cu	UG	2	2.37	4.74
K Street #385 - High Street #53 (385-510/511)	115	3500 Al / 2250 Cu	UG	2	1.86	3.72
High Street #53 - Kingston Network #514N (385-510/511)	115	3500 Al	UG	2	0.31	0.62
Kingston Network #514N - Kingston Street #514T (385-510/511)	115	3500 Cu	UG	2	0.04	0.08
K Street #385 - Kingston Street #514T (385-512/513)	115	2250 Cu	UG	2	2.31	4.62
Mystic #250, Everett - Somerville #402 (329-510/511)	115	1250 Cu	UG	2	1.98	3.96
Somerville #402 - Brighton #329 (329-510/511)	115	1250 Cu	UG	2	2.59	5.18
Kingston Street #514 - Carver Street #71 (329-512, 514-513)	115	2250 Cu	UG	2	1.10	2.20
Carver St. #71 - Scotia St. #492 (329-512/513)	115	1500 Cu	UG	2	1.54	3.08
Scotia St. #492 - Brighton #329 (329-512/513)	115	1500 Cu	UG	2	2.88	5.76
Kingston St. #514 - Colburn St. (514-510/511)	115	3500 Al	UG	2	3.45	6.90
Colburn St. - Washington St. Tap (110-510/511)	115	1750 Al	UG	2	2.10	4.20
Brighton #329 - Washington St. (110-510/511)	115	1250 Cu	UG	2	1.26	2.52
Washington St. Tap - Baker St. #110 (110-510/511)	115	1250 Cu	UG	2	5.46	10.92

Brighton #329 - Watertown #467 (282-520/521)	115	1250 Cu	UG	2	2.63	5.26
Watertown #467 - Waltham #282 (282-520/521)	115	1250 Cu	UG	2	4.79	9.58
Brighton #329 - N. Cambridge #509 (329-530/531)	115	2250 Cu	UG	2	2.85	5.70
Waltham #282 - Trapelo Rd. #450 (320-507)	115	795 ACSS	OH	1	2.66	2.66
Waltham #282 - Trapelo Rd #450 (450-508)	115	795 ACSS	OH	1	2.66	2.66
Trapelo Rd. #450 - Lexington #320 (320-507/508)	115	795 ACSS	OH	2	2.54	5.08
Lexington #320 - Hartwell Ave. #533 (533-508)	115	1113 ACSR	OH	1	1.90	1.90
Hartwell Ave. #533 - Burlington #391 (391-508)	115	1113 ACSR	OH	1	2.64	2.64
Burlington #391 - Woburn #211 (211-508)	115	1113 ACSR	OH	1	3.74	3.74
Woburn #211 - North Woburn Tap (211-503/504)	115	795 ACSR	OH	2	4.06	8.12
North Woburn Tap - Billerica Town Line (NSTAR) (211-503/504)	115	795 ACSR	OH	2	2.17	4.34
North Woburn Tap - Reading Tap (211-503/504)	115	795 ACSR	OH	2	2.28	4.56
Reading Tap - Reading Town Line (211-503/504)	115	795 Al	OH	2	1.42	2.84
Holbrook #478 - Swift's Beach Tap (478-502)	115	556.6 ACSS	OH	1	4.93	4.93
	115	2-1000 Cu	UG	1	0.10	0.10
Swift's Beach Tap - Braintree Line (478-502)	115	636 ACSS	OH	1	0.16	0.16
Swift's Beach Tap - Edgar #150, Weymouth (478-502)	115	636 ACSS	OH	1	1.03	1.03
Holbrook #478 - E. Weymouth Tap (478-503)	115	556.5 ACSS	OH	1	4.93	5.13
		1000 Cu	UG	1	0.10	
		750 Cu	UG	1	0.10	
E. Weymouth Tap - Edgar #150, Weymouth (478-503)	115	636 ACSS	OH	1	1.03	1.03
Holbrook #478 - East Weymouth Tap (478-508)	115	795 ACSR	OH	1	4.95	4.95
		750 Cu	UG	1	0.08	0.08
East Weymouth Tap - Edgar #150, Weymouth (478-508)	115	795 ACSR	OH	1	0.98	0.98
Holbrook #478 - Grove St. Tap (478-509)	115	795 ACSR	OH	1	1.73	1.73
		750 Cu	UG	1	0.11	0.11

Grove St. Tap - Mid Weymouth Tap (478-509)	115	795 ACSR	OH	1	1.58	1.58
Mid Weymouth Tap - Edgar #150, Weymouth (478-509)	115	795 ACSR	OH	1	2.61	2.61
Holbrook Tap- Auburn St. #451, Whitman (451-536)	115	2-1590 ACSR & 2-795 ACSR	OH	1	7.42	7.42
Holbrook #478 - Holbrook Tap (451-536)	115	2-795 ACSR	OH	1	0.01	0.01
Holbrook #478 - South Randolph Tap (447-508/509)	115	795 ACSR	OH	2	2.39	4.78
South Randolph Tap - Canton #470 (447-508/509)	115	795 ASCR	OH	2	6.78	13.56
Canton #470 - Norwood Tap (447-508/509)	115	795 ACSR	OH	2	0.72	1.44
Norwood Tap - Walpole #146 (447-508/509)	115	795 ACSR	OH	2	4.15	8.30
Walpole #146 - W. Walpole #447 (447-508/509)	115	795 ACSR	OH	2	0.64	1.28
W. Walpole #447 - Medway #65 (65-502)	115	556.5 ACSS	OH	1	9.32	9.32
W. Walpole #447 - Medway #65 (65-508)	115	556.5 ACSS	OH	1	9.66	9.66
W. Walpole #447 - Dover #456 (456-522)	115	2-795 Al	OH	1	5.64	5.64
Dover #456 - Needham #148 (148-522)	115	2-795 Al 2-1250 Cu	OH UG	1 1	3.77 1.31	5.08
Medway #65 - Milford/Millbury Town Line (NSTAR) (201-501)	115	954 ACSS	OH	1	2.02	2.02
Bellingham - Milford Town Lines (NSTAR) (201-502)	115	954 ACSS	OH	1	2.02	2.02
Sherborn #274 - Medway #65 (274-509)	115	954 ACSR	OH	1	9.35	9.35
Framingham #240 - Sherborn #274 (240- 508)	115	795 ACSR	OH	1	1.51	1.51
Sherborn #274 - W. Framingham #455 (455-507)	115	795 ACSR	OH	1	5.75	5.75
W. Framingham #455 - Str. 81, Southborough (NSTAR) (513-507)	115	795 ACSR	OH	1	0.95	0.95
Framingham #240 - Needham #148 (240-510)	115	954 ACSS	OH	1	9.15	9.15
Needham #148 - Baker St. #110 (240-510+110-522)	115	2-954 Al	OH	2	3.80	7.60
Framingham #240 - Speen St. #433 (433-507)	115	1113 ACSR	OH	1	4.43	4.43

Speen St. #433 - Sudbury #342 (342-507)	115	954 ACSS	OH	1	3.49	3.49
Sudbury #342 - Waltham #282 (282-507)	115	954 ACSS	OH	1	7.19	7.25
		2250 CU	UG	1	0.06	
Hyde Park # 496 - Baker Street # 110 (496-528/529)	115	3500 Al	UG	2	3.51	7.02
Kingston - Auburn St (NSTAR Section) (191)	115	1-336 ACSR	OH	1	15.30	15.30
Kingston - Brook St (117)	115	1-336 ACSR	OH	1	3.10	3.10
Brook St - Carver (116)	115	2338 ACAR	OH	1	4.90	4.90
Carver - SEMASS TP (127)	115	1-2338 ACAR	OH	1	7.20	7.20
SEMASS TP - Tremont (128)	115	1-2338 ACAR	OH	1	1.00	1.00
Tremont - Bourne (108, 113)	115	1-795 ACSR	OH	2	11.20	22.40
Tremont - Ind. Park Tap (112)	115	1-795 ACSR	OH	1	10.30	10.30
Ind. Park Tap - Acushnet (112)	115	1-795 ACSR	OH	1	2.40	2.40
Tremont - Mendall Road (114)	115	1-2338 ACAR	OH	1	10.20	10.20
Mendall Road - Acushnet (114)	115	1-2338 ACAR	OH	1	2.50	2.50
Ind. Park Tap - Ind. Park (112)	115	1-795 ACSR	OH	1	4.10	4.10
Ind. Park - High Hill (111)	115	1-795 ACSR	OH	1	2.40	2.40
High Hill - Dartmouth Line (D21)	115	1590 ACSR	OH	1	1.20	1.20
Canal Plant - Bourne (126)	115	1-2338 ACAR	OH	1	2.50	2.50
Canal Plant - Bourne (121)	115	1-2338 ACAR	OH	1	2.50	2.50
Oak Street - S.F. Hill Rd (122)	115	2338 ACAR	OH	1	0.48	0.48
S.F. Hill Rd - Barnstable (122)	115	2338 ACAR	OH	1	3.30	3.30
Bourne - Pave Paws (122)	115	2338 ACAR	OH	1	1.17	1.17
Pave Paws - Sandwich (122)	115	2338 ACAR	OH	1	5.73	5.73

Sandwich - Oak Street (122)	115	2338 ACAR	OH	1	5.94	5.94
Bourne - Otis (107)	115	2338 ACAR	OH	1	3.40	3.40
Otis - Fal Tap (107)	115	1590 ACSR	OH	1	6.60	6.60
Fal Tap - Hatchville (136)	115	795 ACSR	OH	1	2.80	2.80
Hatchville - Mashpee (#136)	115	795 ACSR	OH	1	4.94	4.94
Mashpee - West Barnstable (136)	115	795 ACSR	OH	1	8.41	8.77
		1113 ACSS	OH	1	0.36	
West Barnstable - Barnstable (115)	115	1113 ACSS	OH	1	3.99	3.99
Brook Street - Auburn Street (NSTAR Section) (194)	115	1590 ACSR	OH	1	16.72	16.80
		2338 ACAR	OH	1	0.08	
Canal - Bourne (120)	115	2-1703 ACSR	OH	1	2.39	2.50
		2-2500 kcmil	UG	1	0.11	
West Barnstable - Barnstable (135)	115	1-2338 ACSR	OH	1	4.10	4.10
Carver - Tremont #713 (134)	115	2338 ACAR	OH	1	8.28	8.28
TOTAL NSTAR COMPANY LOWER VOLTAGE PTF CKT. MILES						**456.36**
TOTAL NSTAR SYSTEM COMPAY CKT. MILES						**793.21**

Public Service Company of New Hampshire
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Scobie - Buxton, ME (CMP) (PSNH sec of 391)	345	2-850.8 ACSR	OH	1	37.30	37.30
Scobie Pond - Lawrence Rd. - NH/MA State Line (PSNH Sec.of 326)	345	2-850.8 ACSR	OH	1	18.30	18.30
Scobie Pond - Amherst (380)	345	2-850.8 ACSR	OH	1	15.90	15.90
Fitzwilliam - Vernon VT (VELCO) PSNH Sec. Of (379)	345	2-1590 ACSR	OH	1	0.30	20.40
		2-850.8 ACSR	OH	1	19.30	
		2500 ACSR	OH	1	0.80	
Vernon, VT (VELCO) - Northfield, MA (NU) (PSNH sec of 381)	345	2-850.8 ACSR	OH	1	10.10	10.90
		2500 ACSR	OH	1	0.80	
Seabrook - Scobie (363)	345	2-2156 ACSR	OH	1	29.70	29.70
Seabrook - Timber Swamp Rd (369)	345	2-1113 ACSR	OH	1	4.20	4.20
Timber Swamp Rd - Newington (3135)	345	2-1113 ACSR	OH	1	12.90	12.90
Scobie Pond - Deerfield (373)	345	2-850.8 ACSR	OH	1	18.50	18.50
Deerfield - Buxton, ME (CMP) (PSNH sec of 385)	345	2-850.8 ACSR	OH	1	18.80	18.80
Deerfield - Eliot (307)	345	2-1113 ACSR	OH	1	19.20	19.20
Newington - Eliot (3176)	345	2-1113 ACSR	OH	1	5.70	6.40
		4500 ACSR	OH	1	0.70	
Seabrook - NH/MA State Line (PSNH Sec. of 394)	345	2-2156 ACSR	OH	1	7.30	7.30
Fitzwilliam - Amherst (367)	345	2-1272 ACSR	OH	1	0.10	31.90
		2-850.8 ACSR	OH	1	31.70	
		2-1590 ACSR	OH	1	0.10	

Public Service Company of New Hampshire
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Eliot - Maguire Rd., ME (CMP) (PSNH Sec of 3022)	345	1590 ACSR	OH	1	0.20	0.20
Merrimack - Dunbarton (A253)	230	795 ACSR	OH	1	8.40	8.40
TOTAL PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE EHV PTF CKT. MILES						**260.30**

Public Service Company of New Hampshire
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Moore (NEP) - Whitefield (Q195)	115	477 ACSR	OH	1	14.90	16.40
		336 ASCR	OH	1	1.50	
Streeter Pond - Littleton (U199)	115	795 ACSR	OH	1	9.00	9.00
Whitefield - Streeter Pond (X178)	115	795 ACSR	OH	1	14.80	14.80
Streeter Pond - Woodstock - Beebe River (X178)	115	795 ACSR	OH	1	34.90	34.90
Webster - North Road (M127)	115	795 ACSR	OH	1	25.80	25.80
North Road - Ascutney, VT (VELCO) (PSNH sec of K174)	115	795 ACSR	OH	1	16.10	16.10
Farmwood - Merrimack (P145)	115	795 ACSR	OH	1	**11.10**	**12.20**
		1272 ACSS	**OH**	**1**	**1.10**	
Farmwood - Webster (F139)	115	795 ACSR	OH	1	**14.60**	**14.60**
Webster - Farmwood (V182)	115	1590 ACSR	OH	1	**14.50**	**14.50**
Greggs - Weare (F162)	115	1590 ACSR	OH	1	5.10	5.10
Jackman - Keene (L163)	115	336.4 ACSR	OH	1	25.90	25.90
Keene - Monadnock (T198)	115	477 ACSR	OH	1	11.10	11.10
Garvins - Merrimack (H137)	115	1272 ACSS	OH	1	2.70	2.70
Merrimack - Eddy (D121)	115	795 ACSR	OH	1	11.20	11.20
Eddy - Rimmon - Greggs (J114)	115	795 ACSR	OH	1	5.50	5.50
Madbury - Dover (M183)	115	795 ACSR	OH	1	7.00	7.00

Public Service Company of New Hampshire
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Greggs - Merrimack (C196)	115	795 ACSR	OH	1	10.80	10.80
Greggs - Merrimack (Q171)	115	795 ACSR	OH	1	10.80	10.80
Mammoth Rd. - Scobie Pond (R187)	115	1590 ACSR	OH	1	0.10	2.80
		1272 ACSR	OH	1	2.70	
Greggs - North Merrimack (K105)	115	1272 ACSR	OH	1	10.80	10.80
Scobie Pond - Brentwood - Kingston (R193)	115	477 ACSR	OH	1	**8.40**	14.80
		1272 ACSS	OH	1	**6.20**	
		1272 ACSR	OH	1	0.20	
Brentwood - Ocean Rd. (A126)	115	795 ACSR	OH	1	0.10	15.20
		477 ACSR	OH	1	14.90	
		1272 ACSR	OH	1	0.20	
Scobie Pond - Pulpit Rock (B172)	115	336.4 ACSR	OH	1	6.00	**6.20**
		1590 ACSR	OH	1	**0.20**	
Great Bay - Pulpit Rock (H141)	115	336.4 ACSR	OH	1	19.00	**19.30**
		1272 ACSR	OH	1	**0.10**	
		1590 ACSS	**OH**	**1**	**0.20**	
Great Bay - Ocean Rd. (S153)	115	336 ACSR	OH	1	4.50	4.60
		795 ACSR	OH	1	0.10	
Scobie Pond - Power Street (X116)	115	1590 ACSR	OH	1	11.20	11.20
Greggs - Reeds Ferry (B143)	115	795 ACSR	OH	1	11.10	11.10
Hudson - Dracut, MA (NEP) (PSNH sec of Y151)	115	1590 ACSR	OH	1	0.20	3.80
		4/0 Cu &	OH	1	3.60	

Public Service Company of New Hampshire
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
		795 ACSR				
Chestnut Hill - Vernon, VT (VELCO) (PSNH Sec of N186)	115	795 ACSR	OH	1	1.20	2.30
		2500 ACSR	OH	1	0.80	
		2-795 ACSR	OH	1	0.30	
Keene - Swanzey - Chestnut Hill via Westport (A152)	115	1590 ACSR	OH	1	4.90	16.90
		795 ACSR	OH	1	12.00	
Garvins - Deerfield (G146)	115	1272 ACSR	OH	1	18.10	18.10
Greggs - Pine Hill (O161)	115	795 ACSR	OH	1	7.00	7.00
Pine Hill - Deerfield (D118)	115	1272 ACSS	OH	1	15.10	15.10
Deerfield - Madbury (L175)	115	1590 ACSR	OH	1	13.00	13.00
Deerfield - Eastport (C129)	115	795 ACSR	OH	1	20.20	20.20
Eastport - Madbury (G128)	115	477 ACSR	OH	1	3.00	**15.00**
		795 ACSR	OH	1	0.90	
		1272 ACSR	OH	1	**10.90**	
		1590 ACSR	**OH**	**1**	**0.20**	
Schiller - Bolt Hill Tap - Three Rivers (N133)	115	795 ACSR	OH	1	5.00	6.30
		1-4500 ACSR	OH	1	0.70	
		2-1113 ACSR	OH	1	0.60	
Dover - Three Rivers (R169)	115	1272 ACSR	OH	1	2.10	3.00
		2-1113 ACSR	OH	1	0.60	
		795 ACSR	OH	1	0.30	
Pemigewasett - Webster (A111)	115	336 ACSR	OH	1	10.50	10.60
		795 ACSR	OH	1	0.10	

Public Service Company of New Hampshire
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Schiller - Ocean Road (E194)	115	477 ACSR	OH	1	4.00	5.50
		795 ACSR	OH	1	1.50	
Schiller - Mill Pond Tap - Ocean Road (U181)	115	336 ACSR	OH	1	**4.80**	**5.50**
		795 ACSR	OH	1	**0.70**	
Power St. - Bridge St. tap- Eagle (K165)	115	1590 ACSR	OH	1	**5.80**	**5.80**
Eagle - South Milford tap - Reeds Ferry (H123)	115	1590 ACSR	OH	1	0.80	3.80
		795 ACSR	OH	1	3.00	
Huckins Hill - Ashland Tap - Pemigewasset (E115)	115	336 ACSR	OH	1	14.00	14.80
		795 ACSR	OH	1	0.70	
		1590 ACSR	OH	1	0.10	
Huckins Hill - Beebe (Z180)	115	336 ACSR	OH	1	3.20	3.40
		795 ACSR	OH	1	0.10	
		1590 ACSR	OH	1	0.10	
North Merrimack - Watts Brook (T155)	115	1272 ACSR	OH	1	2.00	2.00
North Merrimack - Bedford (V191)	115	1272 ACSR	OH	1	3.40	3.40
Bedford - Huse Road (M164)	115	1272 ACSR	OH	1	2.10	2.10
Scobie - Huse Road (I158)	115	1272 ACSR	OH	1	6.20	6.20
Weare - Jackman (A164)	115	1590 ACSR	OH	1	15.50	15.50
Watts Brook - Mammoth Road (S188)	115	1272 ACSR	OH	1	3.00	3.10
		1590 ACSR	OH	1	0.10	
Scobie - Power Street (Z119)	115	1590 ACSR	OH	1	11.10	11.10

Public Service Company of New Hampshire
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Beebe - White Lake via Tamworth Tap (B112)	115	336 ACSR	OH	1	23.00	23.00
Saco Valley - White Lake (Y138)	115	795 ACSR	OH	1	13.90	13.90
Saco Valley - Lovell NH/ME State Line (PSNH Sec K1214/214)	115	795 ACSR	OH	1	5.70	5.70
Farmwood - Garvins (C189)	**115**	**1590 ACSR**	**OH**	**1**	**9.50**	**9.50**
Scobie Pond - Pulpit Rock (A184)	**115**	**1272 ACSS**	**OH**	**1**	**6.20**	**6.30**
		5000 XLPE	**UG**	**1**	**0.10**	
Scobie Pond - Huse Road (W144)	**115**	**1272 ACSS**	**OH**	**1**	**6.10**	**6.20**
		5000 XLPE	**UG**	**1**	**0.10**	
TOTAL PUBLIC SERVICE COMPANY OF NEW HAMPSIRE LOWER VOLTAGE PTF CKT. MILES						**622.50**
TOTAL PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE CKT. MILES						**882.80**

Reading Municipal Light Department
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Reading Town Line - Reading Substation	115	795 AAAC	OH	1	0.25	0.25
Reading Town Line - Reading Substation	115	795 AAAC	OH	1	0.25	0.25
TOTAL READING MUNICIPAL LIGHT DEPARTMENT LOWER VOLTAGE PTF CKT. MILES						**0.5**
TOTAL READING MUNICIPAL LIGHT DEPARTMENT CKT. MILES						**0.5**

Shrewsbury Electric Light & Cable Operations

Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Millbury 2 - Centech Substation (SELCO) (E-157W)	115	795 ACSR	OH	1	0.03	0.03
Centech Substation (SELCO) - East Main Street (E-157)	115	795 ACSR	OH	1	0.03	0.03
TOTAL SHREWSBURY ELECTRIC LIGHT & CABLE OPERATIONS LOWER VOLTAGE PTF CKT. MILES						0.06
TOTAL SHREWSBURY ELECTRIC LIGHT & CABLE OPERATIONS CKT. MILES						0.06

Taunton Municipal Lighting Plant
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Cleary/Flood - Taunton Tap (S-8)	115	795 ACSR	OH	1	0.90	0.90
Cleary/Flood - Taunton Tap (V-5)	115	795 AAC	OH	1	0.90	0.90
TOTAL TAUNTON MUNICIPAL LIGHTING PLANT LOWER VOLTAGE PTF CKT. MILES						**1.80**
TOTAL TAUNTON MUNICIPAL LIGHTING PLANT CKT. MILES						**1.80**

The United Illuminating Company
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
East Shore - East Shore Tap (UI) [387-2]	345	2-954 ACSR	OH	2	0.10	0.20
East Shore Tap - Totoket Jct. (UI) [387-1]	345	2-954 ACSR	OH	1	5.96	5.96
Singer - UI/NU Jct. (UI) [3619, 3165]	345	3000 Cu (XLPE)	UG	2	5.60	11.20
Manchester - Meekville Jct. (UI) [3642-2]	345	2-1590 ACSS	OH	1	1.10	1.10
North Bloomfield - Agawam (UI) [3216-2]	345	2-1590 ACSS	OH	1	3.81	3.81
Card - Lake Road (UI) [3271-2]	**345**	**2-1590 ACSS**	**OH**	**1**	**4.49**	**4.49**

TOTAL OF THE UNITED ILLUMINATING COMPANY EHV PTF CKT. MILES						**26.76**

The United Illuminating Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Pequonnock - Trumbull Jct. [1710]	115	795 ACSR	OH	1	3.75	5.16
	115	1750 Cu	UG	1	1.41	
Pequonnock - Trumbull [1697]	115	795 ACSR	OH	1	3.75	5.16
	115	1750 Cu	UG	1	1.41	
Trumbull (UI) - Trumbull Jct. (NU) [1714;1730]	115	1590 ACSR	OH	2	0.02	0.04
Singer - Pequonnock [1955]	115	3-3500 Cu (XLPE)	UG	1	0.43	0.43
Pequonnock - Congress [8809A ; 8909B]	115	1590 ACSR	OH	2	0.69	1.38
Congress - Baird [8809A ; 8909B]	115	795 ACSR	OH	2	2.28	4.56
Baird - Devon Tie (UI) [88006A ; 89006B]	115	1272 SSAC	OH	2	2.49	4.98
Devon Tie (UI) - Milvon [88005A ; 89005B]	115	795 ACSR	OH	2	1.30	2.60
Devon Tie (UI) - Devon (NU) [1780 ; 1790]	115	1590 ACSR	OH	2	0.06	0.12
Milvon - Woodmont [88005A ; 89005B]	115	1272 SSAC	OH	2	4.00	8.00
Woodmont - W. River [8804A,88003A ; 8904B,89003B]	115	1272 SSAC	OH	2	5.19	10.38
W. River - Grand Avenue [88003A ; 89003B]	115	2500 Cu	UG	2	2.69	5.38
Grand Avenue - Sackett [8400]	115	1272 ACSR	OH	1	4.21	4.21
Sackett - Mix [84004]	115	1250 Cu	UG	1	2.32	2.32
Mix - Glen Lake [1610]	115	556 ACSR	OH	1	2.87	2.87
Pequonnock - Ash Creek [91001]	115	1590 ACSR	OH	1	3.25	3.25

The United Illuminating Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Ash Creek - Sasco Creek (UI) [1430]	115	1590 ACSR	OH	1	4.05	4.05
Pequonnock - Compo (UI) [1130]	115	1590 SSAC	OH	1	6.81	6.81
Pease Rd. Jct. - June Street [1610 ; 1685]	115	1272 ACSR	OH	2	0.77	1.54
Derby Jct. - Ansonia [1560]	115	4/0 Cu	OH	1	3.61	3.92
		336.4 SSAC	OH	1	0.31	
Indian Well - Ansonia [1594]	115	4/0 Cu	OH	1	2.48	2.48
Derby Jct. - Indian Well [1570]	115	4/0 Cu	OH	1	1.13	1.44
		336.4 SSAC	OH	1	0.31	
Grand Avenue - Water Street [8500]	115	2250 Cu	UG	1	1.45	1.45
Water Street - Union Ave [8700]	115	2250 Cu	UG	1	**0.23**	**0.23**
Union Ave - W. River (8702)	115	2250 Cu	UG	1	**1.32**	**1.32**
East Shore - Grand Avenue [8100 ; 8200]	115	2-1590 ACSR	OH	2	1.52	3.04
Mill River - Broadway [9502]	115	1500 Cu	UG	1	**1.70**	**1.70**
Broadway - Water Street [9500]	115	1500 Cu	UG	1	**1.58**	**1.58**
Quinnipiac - Cedar Hill [8300 ; 8600]	115	1272 ACSR	OH	2	0.99	1.98
Grand Ave - Mill River [8301]	115	4000A GIL	OH	1	0.02	0.02
Grand Ave - Mill River (9550)	115	4000A GIL	OH	1	0.05	0.05
East Shore - Branford Railroad Tap (UI) [1460]	115	1272 ACSR	OH	1	3.02	3.02

The United Illuminating Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Branford Railroad Tap (UI) - Totoket Jct (UI) [1537]	115	1272 ACSR	OH	1	2.94	2.94
Grand Avenue - Cedar Hill [8300]	115	1272 ACSR	OH	1	1.27	1.34
		1590 ACSR	OH	1	0.07	
Cedar Hill - North Haven [8600]	115	1272 ACSR	OH	1	7.06	7.06
North Haven - Wharton Brook Jct. [1630 ; 1655]	115	1272 ACSR	OH	2	1.67	3.34
TOTAL OF THE UNITED ILLUMINATING COMPANY LOWER VOLTAGE PTF CKT. MILES						**110.15**
TOTAL OF THE UNITED ILLUMINATING COMPANY CKT. MILES						**136.91**

VT Transco, LLC
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Vernon VT - Northfield (NU border) (381)	345	2-954 ACSR	OH	1	0.09	0.09
Vermont Yankee - Vernon VT (3381)	345	2-954 ACSR	OH	1	0.14	0.23
	345	2-927 ACAR	OH	1	0.09	
Vernon VT- Fitzwilliam (NU border) (379)	345	2-954 ACSR	OH	1	0.10	0.10
Vermont Yankee - Vernon VT (3340)	345	2-927 ACAR	OH	1	0.07	0.23
	345	2-954 ACSR	OH	1	0.16	
Vernon VT - Coolidge (340)	345	2-927 ACAR	OH	1	50.90	51.06
	345	2-954 ACSR	OH	1	0.16	
Newfane - Vernon VT (3320)	345	2-954 ACSR	OH	1	17.37	17.37
Newfane - Coolidge (3321)	345	2-954 ACSR	OH	1	35.43	35.43
Coolidge - West Rutland (350)	345	2-954 ACSR	OH	1	27.37	27.37
West Rutland - New Haven (370)	345	2-954 ACSR	OH	1	35.53	35.53
Comerford - Granite (F-206)	230	927 ACAR	OH	1	32.10	32.49
		954 ACSR	OH	1	0.39	

TOTAL VERMONT ELECTRIC POWER COMPANY, INC. EHV PTF CKT. MILES						**199.90**

VT Transco, LLC
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Georgia - Essex (K-21)	115	954 ACSR	OH	1	18.06	18.06
Georgia - Sand Bar (K-19)	115	927 ACAR	OH	1	8.88	8.88
Sand Bar - South Hero Tap (PV-20)	115	954 AAC	OH	1	5.17	8.89
		1750 MCM pipe cable	UG	1	2.00	
		954 ACSR	OH	1	1.72	
South Hero Tap - Plattsburgh (VT/NY border) (PV-20)	115	954 AAC	OH	1	2.40	3.00
		1000 Cable	UG	1	0.60	
		500 Cable	UG	1	Parallel cable	
Sand Bar - Essex (K-22)	115	954 AAC	OH	1	11.19	11.19
Essex - IBM#87 Tap (K-24)	115	795 ACSR	OH	1	0.02	0.02
IBM#87 Tap - IBM#86 Tap (K-24)	115	795 ACSR	OH	1	1.00	1.00
IBM #86 Tap - DuxburyTap (K-24)	115	795 ACSR	OH	1	19.10	19.36
		1272 ACSR	OH	1	0.26	
DuxburyTap - Middlesex (K-24)	115	795 ACSR	OH	1	5.88	6.14
		1272 ACSR	OH	1	0.26	
Berlin - Middlesex (K-56)	115	795 ACSR	OH	1	4.77	4.77
Berlin - Barre (K-55)	115	795 ACSR	OH	1	5.60	5.60
Granite - Barre (K-54)	115	954 ACSS	OH	1	5.63	5.63
Chelsea Tap - Granite (K-51)	115	795 ACSR	OH	1	11.25	11.25
Chelsea Tap - Hartford (K-50)	115	795 ACSR	OH	1	21.47	21.47
Hartford - Wilder (NGRID border) (K-26)	115	795 ACSR	OH	1	1.31	1.31

VT Transco, LLC
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Essex - East Ave (K25)	115	1272 ACSR	OH	1	4.78	4.78
East Ave - Lime Kiln (K-18)	115	1272 ACSR	OH	1	1.45	1.45
Lime Kiln - Essex Tap (K-23)	115	1272 ACSR	OH	1	3.15	3.15
Essex - Essex Tap (K-23)	115	1272 ACSR	OH	1	0.23	0.23
Essex Tap - Tafts Corner (K-23)	115	1272 ACSR	OH	1	2.96	2.96
Tafts Corner - Williston (K-27)	115	1272 ACSR	OH	1	2.07	2.07
Williston - New Haven (K-43)	115	954 ACSR	OH	1	20.83	20.83
Williston -Queen City (K-33)	115	927 ACAR	OH	1	4.54	6.19
		1272 ACSR	OH	1	1.65	
Queen City - Shelburne Tap (K-65)	115	1272 ACSR	OH	1	3.31	5.04
	115	2500 CU XLPE	UG	1	1.73	
Shelburne Tap - Charlotte Tap (K-65)	115	1272 ACSR	OH	1	5.29	5.29
Charlotte Tap - North Ferrisburg Tap (K-65)	115	2500 CU XLPE	UG	1	0.45	4.17
	115	1272 ACSR	OH	1	3.72	
North Ferrisburg Tap - Vergennes (K-65)	115	1272 ACSR	OH	1	5.35	5.35
Vergennes - New Haven (K-64)	115	1272 ACSR	OH	1	6.72	6.72
New Haven - Middlebury (K-63)	115	954 ACSR	OH	1	7.54	7.54
Middlebury - Florence Tap (K-30)	115	927 ACAR	OH	1	22.75	22.75
Florence Tap - West Rutland (K-30)	115	927 ACAR	OH	1	5.28	5.28

VT Transco, LLC
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
West Rutland - Blissville (K-34)	115	954 ACSR	OH	1	1.16	11.61
		795 ACSR	OH	1	10.45	
Blissville - Whitehall (NY border) (K-7)	115	795 ACSR	OH	1	1.72	1.72
West Rutland - North Rutland (K-37)	115	927 ACAR	OH	1	1.17	5.12
		795 ACSR	OH	1	3.95	
North Rutland - Cold River (K-35)	115	795 ACSR	OH	1	5.24	5.62
		954 ASCR	OH	1	0.38	
Cold River - Coolidge (K-32)	115	795 ACSR	OH	1	18.19	18.19
Coolidge - Ascutney (K-31)	115	795 ACSR	OH	1	13.01	13.92
		1272 ACSR	OH	1	0.91	
Ascutney - North Road (PSNH border) (K-174)	115	795 ACSR	OH	1	0.16	0.23
		1272 ACSR	OH	1	0.07	
Ascutney - Ascutney Tap (NGRID border) (K-149)	115	477 ACSR	OH	1	1.26	1.33
		1272 ACSR	OH	1	0.07	
Vernon VT - Vernon Road Tap (PSNH border) (K-186)	115	2-1272 ACSR	OH	1	0.16	0.16
Vermont Yankee - Vernon VT (K-40)	115	2-1272 ACSR	OH	1	0.04	0.04
Bennington - Hoosick (NY border) (K-6)	115	795 ACSR	OH	1	5.74	6.03
		927 ACSR	OH	1	0.15	
		1272 ACSR	OH	1	0.14	
Bennington - Adams (NGRID border) (K-4)	115	927 ACAR	OH	1	11.25	12.05
		795 ACSR	OH	1	0.48	
		954 ACSR	OH	1	0.18	
		1272 ACSR	OH	1	0.14	

VT Transco, LLC
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Georgia - St. Albans Tap (K-42)	115	1272 ACSR	OH	1	6.69	6.69
St. Albans Tap - Highgate Converter Tap (K-42)	115	1272 ACSR	OH	1	9.87	9.87
St. Johnsbury - Littleton (K-60)	115	927 ACAR	OH	1	9.57	9.57
St. Johnsbury - Lyndonville (K-28)	115	927 ACAR	OH	1	8.52	8.52
Lyndonville - Sheffield (K-39)	115	927 ACAR	OH	1	11.89	11.89
Sheffield - Irasburg (K-47)	115	927 ACAR	OH	1	16.06	16.06
Irasburg - Mosher's Tap (K-46)	115	1272 ACSR	OH	1	6.48	6.48
Jay - Mosher's Tap (K-46)	115	556 ACSR	OH	1	12.57	12.57
Highgate - Jay (K-41)	115	556 ACSR	OH	1	32.62	32.62
Bennington - Searsburg (NGRID border) (Y-25)	69	477 ACSR	OH	1	10.41	10.41
TOTAL VERMONT ELECTRIC POWER COMPANY, INC. LOWER VOLTAGE PTF CKT. MILES						**431.07**
TOTAL VERMONT ELECTRIC POWER COMPANY, INC. CKT. MILES						**630.97**

Wallingford Electric Department
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Wallingford - Southington (CMEEC Sec. of 1208)	115	1272 ACSR	OH	1	0.2	0.2
		556 ACSR	OH	1	0.5	0.5
		556 ACSR	OH	1	0.5	0.5
Wallingford - North Haven (CMEEC Sec. of 1630)	115	1272 ACSR	OH	1	0.5	0.5
Wallingford - Devon (CMEEC Sec. of 1640)	115	1272 ACSR	OH	1	0.5	0.5
Colony - North Wallingford (CMEEC/CL&P Boundary 1588)	115	1272 ACSR	OH	1	0.1	0.1
Colony - Southington - Hanover (CMEEC/CL&P Boundary 1355)	115	954 AAC	OH	1	0.1	0.1
North Wallingford - East Meridan (CMEEC/CL&P Boundary 1466)	115	1272 ACSR	OH	1	0.1	0.1
North Wallingford - Colony (CMEEC/CL&P Boundary 1588)	115	1272 ACSR	OH	1	0.1	0.1
						2.60
						2.60

Western Massachusetts Electric Company
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Barbour Hill - Ludlow (WMECO Sec. of 3419)	345	2156 ACSR	OH	1	11.70	11.70
Ludlow - Ludlow/Belchertown Town Line (WMECO Sec. of 301)	345	2156 ACSR	OH	1	2.80	2.80
Northfield - Berkshire (312)	345	2 x 954 ACSR	OH	1	36.90	36.90
Northfield - Vernon (WMECO Sec. of 381)	345	2 x 954 ACSR	OH	1	9.30	9.30
Northfield - Ludlow (354)	345	2 x 954 ACSR	OH	1	29.30	29.30
Berkshire - Alps (WMECO Sec. of 393)	345	2 x 954 ACSR	OH	1	14.60	14.60
Agawam - Ludlow (3196)	345	2-1590 ACSS	OH	1	17.20	17.20
Agawam - North Bloomfield (WMECO Sec. of 3216)	345	2-1590 ACSS	OH	1	6.00	6.00
TOTAL WESTERN MASSACHUSETTS ELECTRIC COMPANY EHV PTF CKT. MILES						127.80

Western Massachusetts Electric Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Doreen - Berkshire (1551)	115	1272 ACSR	OH	1	6.10	6.10
Doreen - Berkshire (1662)	115	1272 ACSR	OH	1	6.00	6.00
Berkshire - Cumberland via Plainfield and Ashfield Tap (1231)	115	2/0 Cu	OH	1	25.90	26.00
		1272 ACSR	OH	1	0.10	
Berkshire - Montague via Plainfield and Ashfield Tap (1242)	115	2/0 Cu	OH	1	25.90	**28.80**
		211.3 ACSR	**OH**	**1**	**0.50**	
		556 ACSS	**OH**	**1**	**2.30**	
		1272 ACSR	OH	1	0.10	
Cumberland - Montague (1361)	115	**211.3 ACSR**	**OH**	**1**	**0.50**	**2.80**
		556 ACSS	**OH**	**1**	**2.30**	
Doreen - Oswald (1211)	115	336 ACSR	OH	1	3.70	7.80
		1272 ACSR	OH	1	4.10	
Doreen - Woodland via Oswald (1161)	115	1272 ACSR	OH	1	12.10	12.50
		336 ACSR	OH	1	0.40	
Pleasant - Blandford (1421)	115	556 ACSR	OH	1	18.00	18.00
Blandford - Southwick via Elm (1512)	115	556 ACSR	OH	1	23.90	24.40
		1272 ACSR	OH	1	0.50	
Pleasant - Woodland (1371)	115	556 ACSR	OH	1	4.10	4.10
Fairmont - North Canal (WMECO Sec. of 1356)	115	795 ACSR	OH	1	0.50	0.50
Fairmont - Chicopee (1702)	115	1272 ACSS	OH	1	2.50	2.50
Fairmont - Cadwell (1803)	115	2-1272 ACSS	OH	1	5.20	5.20
Piper - Memorial Drive (WMECO sec. of 1904)	115	1272 ACSS	OH	1	5.90	6.00

Western Massachusetts Electric Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
		5000 XLPE	OH	1	0.10	
Memorial Drive - Fairmont (WMECO sec. Of 1638)	115	1590 ACSS	OH	1	0.10	0.20
		5000 XLPE	OH	1	0.10	
Fairmont - Shawinigan (1601)	115	2-1272 ACSS	OH	1	4.60	4.60
Ludlow - Shawinigan (1845)	115	2-1272 ACSS	OH	1	6.20	6.20
Cadwell - Orchard (1426)	115	1272 ACSS	OH	1	2.90	2.90
Orchard - Ludlow (1552)	115	1272 ACSS	OH	1	5.50	5.50
Cadwell - Ludlow (1481)	115	1590 ACSS	OH	1	7.10	7.10
Buck Pond - Gunn via Ingleside (WMECO Sec. of 1657)	115	1272 ACSR	OH	1	5.90	5.90
Midway - Gunn (1962)	115	1272 ACSR	OH	1	5.50	5.50
Agawam - Elm (1007)	115	1272 ACSR	OH	1	7.40	7.40
Ludlow - Ludlow/Belchertown Town Line (WMECO Sec. of X176)	115	1113 ALUM	OH	1	2.40	2.90
	115	1272 ACSR	OH	1	0.50	
Ludlow - West Hampden (1205)	115	1272 ACSR	OH	1	9.40	9.40
West Hampden - Scitico (WMECO Sec. of 1976)	115	1272 ACSR	OH	1	2.40	2.40
Franconia - Scitico (WMECO Sec. of 1394)	115	1272 ACSR	OH	1	6.20	6.20
Doreen - Lanesboro (WMECO Sec. of F132)	115	1272 ACSR	OH	1	6.50	6.60
		336 ACSR	OH	1	0.10	
Agawam - Piper (1230)	115	1272 ACSS	OH	1	3.60	3.60

Western Massachusetts Electric Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Agawam - Buck Pond via Pochassic (1302)	115	1272 ACSR	OH	1	11.20	11.20
South Agawam - Southwick (WMECO Sec. of 1768)	115	556 ACSR	OH	1	1.20	3.80
		1272 ACSS	OH	1	2.30	
		2-556 ACSS	OH	1	0.30	
Agawam -Silver tap - South Agawam (1781)	115	1272 ACSS	OH	1	3.30	3.30
Agawam - Silver tap - South Agawam (1782)	115	1272 ACSS	OH	1	3.30	3.30
Agawam - Chicopee (1314)	115	1272 ACSS	OH	1	7.10	7.10
South Agawam - Franconia (WMECO Sec. of 1858)	115	1272 ACSR	OH	1	3.60	3.60
Mt. Tom - Fairmont (1428)	115	795 ACSR	OH	1	6.60	6.60
Mt. Tom - Midway (1039)	115	795 ACSR	OH	1	0.80	0.80
Mt. Tom - Pineshed (1447)	115	795 ACSR	OH	1	2.80	2.80
Pineshed - Fairmont (1327)	115	795 ACSR	OH	1	3.80	3.80
TOTAL WESTERN MASSACHUSETTS ELECTRIC COMPANY LOWER VOLTAGE PTF CKT. MILES						**273.40**
TOTAL WESTERN MASSACHUSETTS ELECTRIC COMPANY CKT. MILES						**401.20**

Highgate Transmission Facilities *
HTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Highgate Converter - Converter Tap (K-42)	115	1272 ACSR	OH	1	0.10	0.10
Highgate Converter - Bedford (HQ)/ Vermont State Line (1429)	115	2-954 ACSR	OH	1	7.37	7.62
		1272 ACSR	OH	1	0.25	
TOTAL HIGHGATE TRANSMISSION FACILITIES HTF CKT. MILES						**7.72**

* Included as part of the HTF is the Back-to-Back AC/DC Converter and related equipment (AC switches, relays, etc…)

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