ISO - NEW ENGLAND INC.

POOL TRANSMISSION FACILITIES

(PTF)

Final

IN-SERVICE
AS OF
January 1, 2012

Thirty- eighth
March 2 2012

Total Circuit Miles of PTF Transmission by Company and HTF

	EHV-PTF	LV-PTF	TOTAL	HTF
BANGOR HYDRO ELECTRIC COMPANY CKT. MILES	84.40	124.35	208.75	
TOWN OF BRAINTREE ELECTRIC LIGHT DEPARTMENT CKT. MILES		9.44	9.44	
CONNECTICUT TRANSMISSION MUNICIPAL ELECTRIC ENERGY CO-OP CKT. MILES	**12.40**	**2.70**	**15.10**	
CONNECTICUT MUNICIPAL ELECTRIC ENERGY CO-OP CKT. MILES		**6.20**	**6.20**	
CENTRAL MAINE POWER COMPANY CKT. MILES	184.40	959.60	1144.00	
THE CONNECTICUT LIGHT AND POWER COMPANY CKT. MILES	477.80	1106.10	1583.90	
HOLYOKE GAS AND ELECTRIC DEPARTMENT CKT. MILES		9.17	9.17	
MAINE ELECTRIC POWER COMPANY	182.03		182.03	
MIDDLEBORO GAS & ELECTIC DEPARTMENT		10.35	10.35	
NATIONAL GRID USA CKT. MILES	746.41	1632.98	2379.39	
NEW HAMPSHIRE TRANSMISSION, LLC	0.60		0.60	
NORWOOD MUNICIPAL LIGHT DEPARTMENT CKT. MILES		11.17	11.17	
NSTAR CKT. MILES	306.07	472.10	778.17	
PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE CKT. MILES	260.50	608.70	869.20	
READING MUNICIPAL LIGHT PLANT CKT. MILES		0.50	0.50	
TAUNTON MUNICIPAL LIGHTING PLANT CKT. MILES		1.80	1.80	
THE UNITED ILLUMINATING COMPANY CKT. MILES	17.43	111.78	129.21	
VT TRANSCO, LLC CKT. MILES	199.90	431.13	631.03	
WESTERN MASSACHUSETTS ELECTRIC COMPANY CKT. MILES	104.50	283.20	387.70	
HIGHGATE TRANSMISSION FACILITIES				7.61

TOTAL ISO-NEW ENGLAND CKT. MILES	2,576.44	5781.27	8,357.71	7.61

Bangor Hydro Electric Company
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Bailyville (ME-NB border) - Orrington (390)	345	2-1192 ACSR	OH	1	84.40	84.40
TOTAL BANGOR HYDRO ELECTRIC COMPANY HIGH VOLTAGE PTF CKT. MILES						**84.40**
TOTAL BANGOR HYDRO ELECTRIC COMPANY CKT. MILES						**84.40**

Bangor Hydro Electric Company
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
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 64	**115**	**2x795 ACSR**	**OH**	**1**	**32.50**	**32.50**
Keene Rd - Enfield - Line 64	**115**	**2x795 ACSR**	**OH**	**1**	**11.50**	**11.50**
TOTAL BANGOR HYDRO ELECTRIC COMPANY LOWER VOLTAGE PTF CKT. MILES						124.35
TOTAL BANGOR HYDRO ELECTRIC COMPANY CKT. MILES						208.75

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	30.60	30.60
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	30.60	30.60
Buxton - Maine Yankee (375)	345	2-850.8 ACSR	OH	1	54.50	56.20
		2-900 ACSR	OH	1	1.70	
Surowiec - Maine Yankee (377)	345	2-850.8 ACSR	OH	1	25.90	29.80
		2-900 ACSR	OH	1	3.90	
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	7.10	7.10
TOTAL CENTRAL MAINE POWER COMPANY EHV PTF CKT. MILES						184.40

Central Maine Power
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Wyman - Livermore Falls (63)	115	795 ACSR	OH	1	47.20	47.20
Livermore Falls - Gulf Island (200)	115	795 ACSR	OH	1	24.30	24.30
Wyman - Heywood Rd (83)	115	477 ACSR	OH	1	41.03	41.03
Heywood Rd - Winslow (242)	115	477 ACSR	OH	1	1.10	1.10
Heywood Rd - Section 67A Tap (67A)	115	795 ACSR	OH	1	3.79	3.79
Winslow - Maxcys (84)	115	477 ACSR	OH	1	25.70	25.70
Wyman - Detroit (66)	115	795 ACSR	OH	1	33.40	33.40
Detroit - Maxcys (67)	115	795 ACSR	OH	1	40.50	40.50
Detroit - Bucksport (203)	115	795 ACSR	OH	1	34.10	34.10
Bucksport - Orrington (CMP Secs only) (65 & 205)	115	795 ACSR	OH	2	6.63	13.30
Bucksport - Highland (86)	115	477 ACSR	OH	1	5.50	39.30
		1272 Al	OH	1	30.20	
		795 ACSR	OH	1	3.60	
Highland - Newcastle (226)	115	1272 Al	OH	1	19.00	19.00
Mason - Newcastle (204)	115	1272 Al	OH	1	11.10	11.10
Highland - Maxcys (80)	115	266.8 ACSR	OH	1	22.00	22.00
Maxcys - Mason (68)	115	795 ACSR	OH	1	23.20	23.20
Maxcys - Bowman Street (60)	115	795 ACSR	OH	1	12.40	12.40

Central Maine Power
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Bowman St. - Gulf Island (212)	115	795 ACSR	OH	1	22.50	22.50

Central Maine Power
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Mason - Bath 115 (207)	115	266.8 ACSR	OH	1	0.50	15.60
		795 ACSR	OH	1	15.10	
Mason - Surowiec (81)	115	336.4 ACSR	OH	1	28.60	28.60
Gulf Island - Surowiec (64)	115	795 ACSR	OH	1	17.60	17.60
Surowiec - Spring Street (166)	115	795 ACSR	OH	1	24.20	24.20
Gulf Island - Crowleys (201)	115	795 ACSR	OH	1	8.30	8.30
Crowleys - Surowiec (62)	115	795 ACSR	OH	1	9.30	9.30
Yarmouth - Moshers (165)	115	795 ACSR	OH	1	19.90	19.90
Yarmouth - Spring St. (164)	115	795 ACSR	OH	1	23.30	23.30
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 - Spring St (232)	115	2-1113 ACSR	OH	1	0.90	0.90
Westbrook 115 - South Gorham (231)	115	2-1113 ACSR	OH	1	3.00	3.00
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	795 ACSR	OH	1	19.50	19.50

Central Maine Power
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Louden - Maguire Rd (238)	115	795 ACSR	OH	1	11.40	11.40
Louden - Maguire Rd (163)	115	1113 ACSR	OH	1	11.40	11.40
Pleasant Hill - Cape Steam (160)	115	4/0 Cu	OH	1	1.20	4.20
		795 ACSR	OH	1	3.00	
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	20.90	20.90
Gulf Island - Norway (61)	115	795 ACSR	OH	1	18.40	18.40
Norway - Kimball Rd. (87)	115	795 ACSR	OH	1	6.60	6.60
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	14.87	14.87
Moshers - Sewall St. (161)	115	795 ACSR	OH	1	7.60	7.60
Livermore Falls - Riley (89)	115	795 ACSR	OH	1	7.40	7.40
Riley - Rumford IP (229)	115	795 ACSR	OH	1	15.20	15.20
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**

Central Maine Power
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Rumford IP - Woodstock (221)	**115**	**1113 ACSR**	**OH**	**1**	**20.58**	**20.58**
Woodstock - Kimball Rd (217)	**115**	**1113 ACSR**	**OH**	**1**	**12.43**	**12.43**
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
Maxcys - Augusta East (88)	115	795 ACSR	OH	1	11.00	11.00
Augusta East - Bowman St. (213)	115	795 ACSR	OH	1	17.00	17.00
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	7.90	7.90
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	9.10	9.10
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	795 ACSR	OH	1	7.20	7.20
TOTAL CENTRAL MAINE POWER COMPANY LOWER VOLTAGE PTF CKT. MILES						959.60
TOTAL CENTRAL MAINE POWER COMPANY CKT. MILES						1144.00

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 - Barbour Hill via North Bloomfield (CL&P Sec. of 395)	345	2156 ACSR	OH	1	17.00	20.80
		2-954 ACSR	OH	1	12.90	
		2-1192 ACSR	OH	1	0.30	
		2-2156 ACSR	OH	1	0.60	
Montville - Haddam Neck (364)	345	2-954 ACSR	OH	1	22.60	22.60
Millstone - Montville (371)	345	2-954 ACSR	OH	1	12.20	12.20
Millstone - Beseck via Haddam **(CL&P Sec of 348)**	345	2-954 ACSR	OH	1	33.80	**41.30**
		2-1192 ACSR	OH	1	0.70	
		2-1590 ACSR	OH	1	**6.80**	
Millstone - Card (383)	345	2-954 ACSR	OH	1	28.70	28.70
Long Mountain - Plumtree (321)	345	2-954 ACSR	OH	1	6.20	17.80
		2-1272 ACSR	OH	1	11.60	

The Connecticut Light and Power Company
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
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	2-1272 ACSR	OH	1	0.20	6.90
		2-954 ACSR	OH	1	6.70	
Millstone - Manchester (310)	345	2-1272 ACSR	OH	1	45.60	46.80
		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	
Scovill Rock - Southington (3041)	345	2-954 ACSR	OH	1	11.60	19.30
		2-1272 ACSR	OH	1	7.70	

The Connecticut Light and Power Company
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
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
TOTAL OF THE CONNECTICUT LIGHT AND POWER COMPANY EHV PTF CKT. MILES						**477.80**

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 (1990)	115	4/0 Cu	OH	1	2.80	20.30
		1272 ACSR	OH	1	0.10	
		2-556 ACSR	OH	1	1.00	
		2-4/0 Cu	OH	1	13.30	
		556 ACSR	OH	1	2.90	
		795 ACSR	OH	1	0.20	
Bunker Hill - Oxford via Baldwin Tap (1575)	115	556 ACSR	OH	1	7.30	7.30
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	

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
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	
Devon - Beacon Falls via Derby (1570)	115	795 ACSR	OH	1	18.90	22.60
		4/0 Cu	OH	1	3.70	
Stevenson - Trap Falls via Derby (1560)	115	795 ACSR	OH	1	8.70	8.70
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

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Southington - Colony via Hanover (1355)	115	4/0 Cu	OH	1	2.00	8.40
		556 ACSR	OH	1	6.30	
		954 ACSR	OH	1	0.10	
North Wallingford - E. Meriden **(CL&P Sec of 1466)**	115	4/0 Cu	OH	1	0.40	**1.30**
		1590 ACSR	OH	1	**0.90**	
North Wallingford - Colony (1588)	115	954 ACSR	OH	1	0.10	2.70
		4/0 Cu	OH	1	2.50	
		556 ACSR	OH	1	0.10	
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	6.80	6.80
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	

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
		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
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	

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
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
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	
Darien - Compo (1416)	115	1272 ACSR	OH	1	2.60	7.60
		1590 SSAC	OH	1	5.00	
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

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 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
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 **Sherwood** (1890)	115	1590 ACSR	OH	1	4.40	**14.20**
		1272 ALUM	OH	1	1.10	
		2000 MCM Cu	UG	1	1.50	
		1272 ACSR	OH	1	**7.20**	
Sherwood - Sasco Creek (1578)	**115**	**1272 ACSR**	**OH**	**1**	**0.50**	**0.50**
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	5.80	5.80
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

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Forestville - Bristol (1825)	115	4/0 Cu	OH	1	2.70	5.00
		1272 ACSR	OH	1	2.30	
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	
Ludlow - Scitico (CL&P Sec. of 1515)	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

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Green Hill - Bokum (1342)	115	795 ACSS	OH	1	11.30	11.30
North Bloomfield - South Agawam (CL&P Sec. of 1821)	115	556 ACSS	OH	1	11.90	11.90
North Bloomfield - South Agawam (CL&P Sec. of 1836)	115	556 ACSR	OH	1	11.90	11.90
North Bloomfield - Canton via Northeast Simsbury (1784)	115	795 ACSR	OH	1	12.40	12.40
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
Berlin - Newington via East New Britain (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	

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
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	
		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	

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
		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
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
N. Bloomfield - Southwick (CL&P Sec. of 1768)	115	556 ACSR	OH	1	8.70	8.70
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
Montville - Gales Ferry (100)	69	556 ACSR	OH	1	2.40	2.40

The Connecticut Light and Power Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
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
Falls Village - Torrington Terminal (693)	69	336 ACSR	OH	1	19.90	19.90
Salisbury - Smithfield (CL&P Sec. of 690)	69	4/0 ACSR	OH	1	1.50	1.50
TOTAL OF THE CONNECTICUT LIGHT AND POWER COMPANY LOWER VOLTAGE PTF CKT. MILES						1106.10
TOTAL OF THE CONNECTICUT LIGHT AND POWER COMPANY CKT. MILES						1583.90

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

TOTAL CONNECTICUT TRANSMISSION MUNICIPAL ELECTRIC ENERGY Co-op. LOWER VOLTAGE PTF CKT. MILES						2.70

TOTAL CONNECTICUT TRANSMISSION MUNICIPAL ELECTRIC ENERGY Co-op CKT. MILES						15.10

Connecticut Municipal Electric Energy Co-op.
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
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 MUNICIPAL ELECTRIC ENERGY Co-op. LOWER VOLTAGE PTF CKT. MILES	**6.20**
TOTAL CONNECTICUT MUNICIPAL ELECTRIC ENERGY Co-op CKT. MILES	**6.20**

Holyoke Gas And Electric Department
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Fairmont - Holyoke (HG&E)(1525 line)	115	795 ACSR	OH	1	0.80	0.80
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						9.17
TOTAL HOLYOKE GAS AND ELECTRIC DEPARTMENT CKT. MILES						9.17

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	50.85
		2-850.8 ACSR	OH	1	50.49	
		2-1192.5 ACSR	**OH**	**1**	0.10	
Keene Road - NB/ME Border - (MEPCO Section) (3001)	345	2-850.8 ACSR	OH	1	50.35	50.45
		2-1192.5 ACSR	OH	1	0.10	
Orrington - Maxcy's (388)	345	2-850.8 ACSR	OH	1	52.49	54.85
		2-900 ACSR	OH	1	2.36	
Maxcy's - Maine Yankee (392)	345	2-850.8 ACSR	OH	1	22.85	25.88
		2-900 ACSR	OH	1	3.03	
TOTAL MAINE ELECTRIC ELECTRIC POWER COMPAHY VOLTAGE EHV PTF CKT. MILES						182.03
TOTAL MAINE ELECTRIC POWER COMPANY EHV PTF CKT. MILES						**182.03**

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 (302)	345	2-900 AL	OH	1	15.95	15.95
Berry St - Bellingham (303)	345	2-900 AL	OH	1	**7.00**	**9.00**
		2-1113AAC	OH	1	2.00	
Millbury - Wachusett (308)	345	2-1113 ACSR	OH	1	12.46	12.46
Millbury - 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 - 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 (337)	345	2-954 ACSR	OH	1	15.90	15.90
Tewksbury - Billerica/Burlington Town Line (NEP Sec. of 338)	345	2-954 ACSR	OH	1	6.70	6.70
Tewksbury - 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
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
Millbury - Milford/Medway Town Line (NEP Sec. of 357)	345	2-1113 ACSR	OH	1	14.27	14.27
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	
Tewksbury - 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
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
Moore - Comerford (C-203)	230	554 AL	OH	1	6.61	6.61
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

National Grid
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Bear Swamp - Vermont/NY State Line (NMPC) (E-205W)	230	795 AL, ACSR, **ACSS**	OH	1	27.13	27.13
N. Litchfield -Tewksbury (N-214)	230	795 ACSR	OH	1	21.80	21.80
N. Litchfield - Tewksbury (O-215)	230	795 ACSR	OH	1	21.80	21.80
TOTAL NATIONAL GRID USA EHV PTF CKT. MILES						746.41

National Grid
Lower Voltage PTF

LINE	KV	CONDUCTOR
Providence-Hartford Ave. (E-105/F-106)	115	2750 CU
Adams - Bennington (VELCO) (Q-117)	115	795 ACSR
Millbury - Webster St. Tap (A-127/B-128)	115	4/0 CU
Webster St. Tap - Montague Tap (A-127/B-128)	115	4/0 CU
Montague Tap - Harriman (A-127/B-128)	115	4/0 CU
Webster St. Tap - Webster St. (A-127)	115	4/0 CU
Montague Tap - Indeck - Montague (NU) (B-128)	115	4/0 CU
Beaver Pond - Bellingham/Medway Town Line (NSTAR) (C-129N)	115	2-636 AL
Milford/Medway Town Line (NSTAR) -Milford Power-Depot St.Tap-Rocky Hill-Hopkinton- Millbury (C-129N)	115	795 AL
Beaver Pond - Union St. (C-129)	115	2-636 AL
Union St. - S. Wrentham (C-129S)	115	2-636 AL
Depot St. Tap - Milford Power Tap - Milford Power (C-129N)	115	477 & 1590ACSR
Depot St. Tap - Milford Power Tap - Milford Power (D-130)	115	795 ACSR & 1590 ACSR
Millbury - Hopkinton - Rocky Hill - Depot St. Tap - Medway (BECo) (D-130)	115	795 AL
Adams - Bear Swamp Jct. (E-131)	115	1113 ACSR
Harriman - Bear Swamp Jct. (E-131)	115	1113 ACSR

Bear Swamp - Bear Swamp Jct. (E-131)	115	2-1113 ACSR
Adams - Lanesboro (WMECO) (F-132)	115	1113 ACSR
W. Methuen - Golden Rock Tap - E. Methuen (G-133W)	115	1590 ACSR
E. Methuen - Ward Hill (G-133E)	115	1590 ACSR
Bellow Falls - Monadnock Tap - Fitzwilliam (I-135N)	115	795 ACSR
Fitzwilliam - E. Winchendon Tap - Ashburnham - Flagg Pond (I-135)	115	795 ACSR
Pratts Jct. - Flagg Pond (I-135S/J-136S)	115	795 ACSS
Flagg Pond - Bellows Falls (J-136N)	115	4/0 CU
Sandy Pond - Ayer (K-137)	115	1590 ACSR
Ayer - Pratts Jct. (K-137W)	115	1590 ACSR
Tewksbury - Sandy Pond (K-137E/L-138E)	115	1590 ACSR
Sandy Pond - Laurel Circle - Pratts Jct. (L-138W)	115	1590 ACSR
Tewksbury - Billerica Tap - Pinehurst - Billerica/Burlington Town Line (BECo) (M-139/N-140)	115	795 ACSR
Pratts Jct. - Sterling Tap - Wachusett (O-141N)	115	954 ACSR
Wachusett - Greendale (O-141W)	115	954 ACSR & 636 ACSS
Greendale - Nashua St. (O-141)	115	636 ACSS
Nashua St. - Millbury (O-141S)	115	636 ACSS 954 ACSR
Pratts Jct. - Sterling Tap - Wachusett (P-142N)	115	954 ACSR

Wachusett - W. Boylston (P-142W)	115	1590 ACSR
W. Boylston - Rolfe Ave (P-142)	115	1590 ACSR 1113 ACSS
Rolfe Ave. - Millbury (P-142S)	115	954 ACSR 1113 ACSS 1590 ACSR
Millbury - Whitins Pond Tap - Uxbridge (Q-143N)	115	795 ACSR
Uxbridge - Woonsocket (Q-143S)	115	795 ACSR
Millbury - Whitins Pond Tap - Woonsocket (R-144)	115	795 ACSR
Salem Harbor - Canal St./Railyard (S-145**E**)	115	2200 CU
Canal St./Railyard - West Salem - Bartholomew- Wakefield Jct. (S-145E/T-146E)	115	1590 ACSR
Wakefield Jct. - N. Rdg - Burtt Rd - E. Tewksbury - Tewksbury (S-145/T-146)	115	300 CU
Salem Harbor - Canal St./Railyard (T-146**E**)	115	2-1000 CU
Read St. - Robinson Ave Tap - Washington (V-148S)	115	795 AL & 1113 AL
Washington - Woonsocket (V-148N)	115	795 AL
Bellows Falls - Ascutney Tap - Slayton Hill (W-149S)	115	336 ACSR & 954 ACSR
Slayton Hill - Mt. Support - Wilder (W-149N)	115	954 ACSR
Hudson (PSNH) - Dracut Jct. (Y-151)	115	4/0 CU
W. Methuen - Dracut Jct. - Tewksbury (Y-151)	115	795 & 1590 ACSR

S. Danvers - King St. Tap - Ward Hill (B-154N/C-155N)	115	795 AL, ACSR 1590 ACSR
King St. Tap - King St. (B-154N)	**115**	**795 ACSR**
Salem Harbor - S. Danvers (B-154S/C-155S)	115	1351 SSAC 1590 ACSR
Northboro Rd. - W. Framingham (BECo) (D-156)	115	795 ACSR
Millbury - East Main Street - Northboro Road (E-157)	115	795 ACSR
Wakefield Junction - Wakefield Municipal Tap - Melrose Tap - Maplewood (F-158N)	115	1113 AL & 795 ACSR **1590 ACSR**
Maplewood - Everett (F-158S)	115	795 ACSR
King St. - W. Amesbury (K-163)	**115**	**795 ACSR**
Everett - Mystic #250 (BECo)(O-167/423-515)	115	795 ACSR 1250 CU
Revere - Chelsea (BECo) (P-168/128-518)	115	795 AL
Chelsea (BECo) - Mystic (BECo) (P-168/488-518)	115	795 ACSS 2-2250 CU
Lynn - GE River Works Tap - Resco Saugus- Golden Hills Melrose Tap - Wakefield Muni Tap - Wakefield Junction (Q-169)	115	795 ACSS **1590 ACSR**
Woonsocket - Hartford Ave. via W. Farnum Taps (S-171N/T-172N)	115	1590 ACSR
West Farnum - W. Farnum Taps (S-171N/T-172N)	115	1590 ACSR
Hartford Ave.-Johnston tap-RISE tap-W.Cranston-Drumrock (S-171S/T-172S)	115	1590 ACSR

RISE tap - RISE (FPLE) (S-171S/T-172S Taps)	115	2-795 ACSR
Carpenter Hill - N. Oxford - Millbury (V-174)	115	1590 ACSR
Palmer - Little Rest Rd. - W. Charlton - Carpenter Hill (W-175)	115	795 AL & 1590 ACSR
Palmer - Thorndike - Belchertown/Ludlow Town Line (WMECO) (X-176)	115	1590 ACSR
Harriman - Montague (Y-177)	115	795 AL & ACSR
Lynnway - GE Lynn Tap - Revere (A-179)	115	795 ACSR 795 ACSS
S. Wrentham - Berry St. (C-181N)	115	2-636 AL
Berry St - N. Attleboro - Mansfield - Chartley Pond (C-181)	**115**	**2-636 AL**
Brayton Point - Chartley Pond (C-181S)	115	2-636 AL
S. Wrentham - Berry St. (D-182N)	**115**	**2-636 AL**
Berry St. - N. Attleboro - Mansfield - Brayton Point **(**D-182**S)**	115	2-636 AL
Brayton Point - Merriman Jct.- Mink St.- Wampanoag (E-183E)	115	2-1113 AL
Wampanoag - Franklin Square (E-183W)	115	2-1113 AL
Brayton Point - Merriman Jct. - Mink St. - Read St. (F-184)	115	2-1113 AL
Drumrock - Kent County (G-185N)	115	**1590 ACSR**
Kent County - West Kingston (G-185S)	115	1113 ACSR 795 ACSR 1590 ACSR
Drumrock - Kent County (K-189)	115	2-795 ACSR

Kent County - Tower Hill - West Kingston (L-190)	115	795 AL,ACSR 1113 ACSS 1590 ACSR
Moore - Littleton Tap (PSNH) (Q-195)	115	477 ACSR
Bear Swamp - Deerfield No. 4 Station (S-197)	115	795 ACSR
West Kingston - Kenyon (1870N)	115	1113 ACSR
Kenyon - Wood River (1870)	115	1113 ACSR
Wood River - Mystic (CL&P) (1870S)	115	795 AL
Grove St. Tap (BECo) - Mid-Weymouth - Edgar (478-509)	115	795 ACSR
Parkview - Auburn (A94)	115	795 ACSR
Dupont - Auburn (C2)	115	636 ACSR
Bell Rock - Dartmouth Line (D21)	115	795 ACSR
Bridgewater - Easton Tap - Middleboro Muni Border (E1)	**115**	**795 ACSR**
Bridgewater - E. Bridgewater Tap (E20)	115	628.7 ACSR
E. Bridgewater Tap - Auburn (E20)	115	628.7 ACSR
Bridgewater - Auburn Street (F19)	115	636 ACSR 954 ACSR
Bridgewater - Dupont (G18)	115	**954 ACSR**
W. Farnum - Farnum Tap - Riverside (H17)	115	795 ACSR 795 AL 477 SSAC
Staples - Riverside (J16)	115	465.4 AAAC

Swansea - Robinson (K15)	115	477 ACSR
E. Bridgewater Tap - E. Bridgewater (L1)	**115**	**636 ACSR**
E. Bridgewater - Mill St. - Middleboro Muni Border (M1)	**115**	**636 ACSR**
Somerset - Tiverton Tap - Canonicus (M13)	115	795 ACSR
Canonicus - Dexter (M13 / L14)	115	636 AAC/ACSR
Tiverton Tap - EMI Tiverton Tap (M13/L14)	115	795 ACSR
EMI Tiverton Tap - EMI Tiverton (M13/L14)	115	795 ACSR
Bell Rock - Tiverton Tap- Canonicus (L14)	115	636 ACSR
Somerset - Bell Rock (N12)	115	795 ACSR
Pawtucket - Robinson (P11)	115	477 ACSR
Robinson - Valley Sub. (P11)	115	336.4 ACSR
Robinson - Staples (Q10)	115	477 ACSR
Valley Sub. - Riverside (R9)	115	465.4 AAAC
Belmont Tap - Belmont (S1)	115	795 ACSS
Somerset - Taunton Tap (S8)	115	628.7 ACSR
Taunton Tap - Raynham - Bridgewater (S8)	115	628.7 ACSR
Somerset - Pawtucket (T7)	115	795 ACSR
Belmont - Stoughton Tap (U2)	115	636 ACSR
Stoughton Tap - Parkview (U2)	115	636 ACSR

Somerset - Dighton (U6)	115	636 ACSR
Dighton - EMI Dighton (U6)	115	636 ACSR
EMI Dighton - Raynham - Bridgewater (U6)	115	795 ACSR
Somerset - Dighton (V5)	115	636 ACSR
Dighton - Taunton Tap (V5)	115	636 ACSR
Taunton Tap - Bridgewater (V5)	115	636 ACSR
Somerset - Swansea (W4)	115	447 ACSR
Somerset - Phillipsdale Tap - Pawtucket (X3)	115	336.4 ACSR
Millbury #2 - Millbury #1 (No. 1 Trans. Line)	115	1113 ACSR
Millbury #2 - Millbury #1 (No. 2 Trans. Line)	115	4/0 CU
Millbury #2 - Millbury #1 (No. 3 Trans. Line)	115	4/0 ACSR
Chestnut Hill, Athol - Vernon (A-1N)	69	2/0 CU
Otter River - Chestnut Hill, Athol (A-1)	69	2/0 CU
Pratts Jct. - Otter River (A-1S)	69	2/0 CU
Park St., Gardner - Vernon (B-2N)	69	2/0 CU
Pratts Jct. - Park St., Gardner (B-2S)	69	2/0 CU
Vernon - Deerfield No. 4 Station (D-4)	69	477 ACSR
Millbury - Meadow St., Spencer (E-5E/F-6E)	69	477 ACSR
Meadow St., Spencer - Ware (E-5/F-6)	69	477 ACSR
Ware - Shutesbury (E-5W)	69	336 ACSR

Shutesbury-Deerfield No.3 Sta.-Deerfield No.4 Sta. (E-5D)	69	336 ACSR
Ware-Deerfield No.2 Sta.-Deerfield No.4 Sta. (F-6W)	69	336 ACSR
Deerfield No. 5 Station - Adams (J-10)	69	#1 CU & 394 AL
Ware - Palmer (O-15N)	69	795 ACSR
Fitch Rd - Woodside (W-23)	69	795 ACSR
Woodside - Northboro Rd (W-23W)	69	477 ACSR 795 AL
Westboro - Northboro Road (X-24E)	69	795 ACSR, AL
Millbury - N. Grafton Tap - Westboro (X-24W)	69	795 ACSR
Harriman - Searsburg (Y-25N)	69	477 ACSR
Searsburg - GMP Wind Farm Tap - Bennington (VELCO) (Y-25N)	69	477 ACSR
Deerfield No. 5 Station - Harriman (Y-25S)	69	477 ACSR
Fitch Road, Clinton - Wachusett (M-39)	69	795 ACSR
Pratts Jct. - Fitch Road, Clinton (N-40)	69	795 ACSR
Dexter - Jepson (61/62)	69	636 AL
TOTAL NATIONAL GRID USA LOWER VOLTAGE PTF CKT. MILES		
TOTAL NATIONAL GRID USA CKT. MILES		

UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
UG	2	6.82	13.64
OH	1	7.40	7.40
OH	2	6.90	13.80
OH	2	46.30	92.60
OH	2	21.13	42.26
OH	2	2.12	4.24
OH	1	2.74	2.74
OH	1	5.30	5.30
OH	1	14.54	14.54
OH	1	1.70	1.70
OH	1	3.30	3.30
OH	1	2.90	2.90
OH	1	2.90	2.90
OH	1	14.53	14.53
OH	1	6.74	6.74
OH	1	5.53	5.53

OH	1	2.60	2.60
OH	1	12.55	12.55
OH	1	2.05	2.05
OH	1	3.16	3.16
OH	1	27.96	27.96
OH	1	23.46	23.46
OH	2	8.40	16.80
OH	1	51.98	51.98
OH	1	3.52	3.52
OH	1	13.17	13.17
OH	2	15.79	31.58
OH	1	14.82	14.82
OH	2	6.65	13.30
OH	1	8.40	8.40
OH	1	1.90	4.31
OH	1	2.41	
OH	1	2.50	2.50
OH	1	4.88	15.38
OH	1	10.50	
OH	1	8.40	8.40

OH	1	0.75	0.75
OH	1	4.80	5.75
OH	1	0.95	
OH	1	3.10	5.96
OH	1	1.36	
OH	1	1.60	
OH	1	12.17	12.17
OH	1	9.81	9.81
OH	1	19.42	19.42
UG	1	1.44	1.44
OH	2	8.28	16.56
OH	2	14.91	29.82
UG	1	1.31	1.31
OH	1	7.23	7.23
OH	1	4.34	4.34
OH	1	19.40	37.10
OH	1	17.70	
OH	1	3.30	3.30
OH	1	9.32	9.32
OH	1	9.80	9.80

OH	2	17.29	34.58
OH	**1**	**3.88**	**3.88**
OH	2	4.90	9.80
OH	1	5.47	5.47
OH	1	13.70	13.70
OH	1	4.28	**6.64**
OH	**1**	**2.36**	
OH	1	2.48	2.48
OH	**1**	**7.23**	**7.23**
OH	1	1.50	1.69
UG	1	0.19	
OH	1	0.20	0.20
OH	1	1.25	1.52
UG	1	0.27	
OH	1	**6.74**	**9.46**
OH	**1**	**2.72**	
OH	2	12.54	25.08
OH	2	0.17	0.34
OH	2	10.23	20.46

OH	2	0.03	0.06
OH	1	15.20	15.20
OH	1	17.58	17.58
OH	1	9.00	9.00
OH	1	25.81	25.81
OH	1	3.80	5.10
OH	1	1.30	
OH	1	**1.00**	**1.00**
OH	**1**	**7.76**	**7.76**
OH	1	17.75	17.75
OH	**1**	**1.00**	**1.00**
OH	1	**25.54**	**25.54**
OH	1	12.50	12.50
OH	1	3.62	3.62
OH	1	20.77	20.77
OH	1	0.99	0.99
OH	1	4.30	17.67
OH	1	0.96	
OH	1	12.41	
OH	1	0.99	0.99

OH	1	13.55	18.85
OH	1	3.60	
OH	1	1.70	
OH	1	0.05	0.05
OH	1	14.10	14.10
OH	1	4.20	4.20
OH	1	3.80	3.80
OH	1	7.20	7.20
OH	1	0.18	0.18
OH	1	8.53	8.53
OH	1	1.98	1.98
OH	1	4.22	4.22
OH	**1**	**4.68**	**4.68**
OH	1	4.09	4.09
OH	1	4.41	4.41
OH	1	4.06	8.50
OH	1	4.44	
OH	1	7.60	7.60
OH	1	2.07	5.44
OH	1	1.54	
OH	1	1.83	
OH	1	3.78	3.78

OH	1	16.42	16.42
OH	**1**	**1.93**	**1.93**
OH	**1**	**5.32**	**5.32**
OH	1	12.26	12.26
OH	2	7.43	14.86
OH	2	1.90	3.80
OH	2	0.53	1.06
OH	1	8.75	8.75
OH	1	3.46	3.46
OH	1	8.75	8.75
OH	1	0.88	0.88
OH	1	5.89	5.89
OH	1	10.04	10.04
OH	1	4.27	4.27
OH	1	9.83	9.83
OH	1	9.92	9.92
OH	1	18.00	18.00
OH	1	2.83	2.83
OH	1	0.74	0.74

OH	1	6.78	6.78
OH	1	1.00	1.00
OH	1	12.00	12.00
OH	1	6.78	6.78
OH	1	3.05	3.05
OH	1	9.92	9.92
OH	1	4.46	4.46
OH	1	18.36	18.36
OH	1	0.20	0.20
OH	1	0.16	0.16
OH	1	0.16	0.16
OH	1	26.26	26.26
OH	1	11.09	11.09
OH	1	21.78	21.78
OH	1	31.81	31.81
OH	1	18.87	18.87
OH	1	16.55	16.55
OH	2	14.65	29.30
OH	2	10.83	21.66
OH	1	19.43	19.43

OH	1	21.16	21.16
OH	1	40.62	40.62
OH	1	8.50	8.50
OH	1	10.30	10.30
OH	1	8.40	8.40
OH	1	3.42	3.67
OH	1	0.25	
OH	1	4.20	4.20
OH	1	10.33	10.33
OH	1	8.48	8.48
OH	1	3.07	3.07
OH	1	5.30	5.30
OH	1	6.60	6.60
OH	1	4.30	4.30
OH	2	4.40	8.80

			1632.98

			2379.39

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
W. Medway #446 - Waltham #282 (282-602)	230	1113 ACSR	OH	1	24.84	24.84
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	2-1024 ACAR	OH	1	0.89	2.32
		2-900 ACSS	OH	1	1.43	
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	
W. Medway #446 - W. Walpole Jct. (NSTAR Sec. of 344)	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	2	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

TOTAL NSTAR COMPANY EHV PTF CKT. MILES						306.07

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	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 St. #71 (329-512/513)	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 (320-507/508)	115	**795 ACSS**	OH	2	2.66	5.32
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	795 Al	OH	1	2.02	2.02
Bellingham - Milford Town Lines (NSTAR) (201-502)	115	795 ACSR	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	1-795 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	2	0.48	0.96
S.F. Hill Rd - Barnstable **(#122)**	115	2338 ACAR	OH	2	3.30	6.60
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 (#115)	115	795 ACSR	OH	1	2.50	2.50
Hatchville - Mashpee (#115)	115	795 ACSR	OH	1	5.20	5.20
Mashpee - Barnstable (#115)	115	795 ACSR	OH	1	12.26	12.26
Brook Street - Auburn Street (NSTAR Section) (#194)	115	1590 ACSR	OH	1	16.72	16.80
		2338 ACAR	OH	1	0.08	
Canal - Barnstable (#120)	115	2-1703 ACSR	OH	1	15.32	19.10
		2338 ACAR	OH	1	3.78	
Carver - Tremont #713 (#134)	115	2338 ACAR	OH	1	8.28	8.28
TOTAL NSTAR COMPANY LOWER VOLTAGE PTF CKT. MILES						472.10
TOTAL NSTAR SYSTEM COMPAY CKT. MILES						778.17

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	10.00	10.80
		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 - Newington (307)	345	2-1113 ACSR	OH	1	25.40	26.10
		1-4500 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	
Merrimack - Dunbarton (A253)	230	795 ACSR	OH	1	8.40	8.40

Public Service Company of New Hampshire
EHV PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
TOTAL PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE EHV PTF CKT. MILES						260.50

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	
U-199 Tap - Littleton (U199)	115	795 ACSR	OH	1	9.00	9.00
Whitefield - U-199 Tap (X178)	115	795 ACSR	OH	1	14.80	14.80
U-199 Tap - 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
Oak Hill - Merrimack (P145)	115	795 ACSR	OH	1	12.30	12.30
Oak Hill - Webster (F139)	115	795 ACSR	OH	1	14.70	14.70
Webster - Garvins (V182)	115	1590 ACSR	OH	1	23.70	23.70
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	795 ACSR	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
Greggs - Merrimack (C196)	115	795 ACSR	OH	1	10.80	10.80

Public Service Company of New Hampshire
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
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	15.10	15.20
		1272 ACSR	OH	1	0.10	
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 - Chester (B172)	115	336.4 ACSR	OH	1	6.00	6.10
		1272 ACSR	OH	1	0.10	
Chester - Great Bay (H141)	115	336.4 ACSR	OH	1	19.30	19.40
		795 ACSR	OH	1	0.10	
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 & 795 ACSR	OH	1	3.60	
Chestnut Hill - Vernon, VT (VELCO) (PSNH Sec of N186)	115	795 ACSR	OH	1	1.20	2.30

Public Service Company of New Hampshire
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
		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	795 ACSR	OH	1	15.10	15.10
Deerfield - Madbury (L175)	115	1590 ACSR	OH	1	13.00	13.00
Deerfield - Rochester (C129)	115	**795 ACSR**	**OH**	**1**	**20.20**	**20.20**
Rochester - Madbury (G128)	115	477 ACSR	OH	1	3.00	14.90
		795 ACSR	OH	1	0.90	
		1272 ACSR	OH	1	11.00	
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	
Schiller - Ocean Road (E194)	115	477 ACSR	OH	1	4.00	5.50
		795 ACSR	OH	1	1.50	

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 (U181)	115	336 ACSR	OH	1	4.50	5.50
		795 ACSR	OH	1	1.00	
Reeds Ferry - Power St. - Bridge St. - Hudson (K165)	115	795 ACSR & 850.8 ACSR	OH	1	8.00	8.00
Beebe - Ashland - Pemigewasset (E115)	115	336 ACSR	OH	1	17.50	18.30
		795 ACSR	OH	1	0.80	
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
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
TOTAL PUBLIC SERVICE COMPANY OF NEW HAMPSIRE LOWER VOLTAGE PTF CKT. MILES						608.70
TOTAL PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE CKT. MILES						869.20

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

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	1	0.11	0.11
East Shore Tap - Black Pond Jct. (UI) [387-3]	345	2-954 ACSR	OH	1	5.99	5.99
East Shore Tap - Halvarsson (UI) [387-4]	345	2-954 ACSR	OH	1	0.13	0.13
Singer - UI/NU Jct. (UI) [3619, 3165]	345	3000 Cu (XLPE)	UG	2	5.60	11.20
TOTAL OF THE UNITED ILLUMINATING COMPANY EHV PTF CKT. MILES						17.43

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	3.87	5.28
	115	1750 Cu	UG	1	1.41	
Pequonnock - Trumbull [1697]	115	795 ACSR	OH	1	3.87	5.28
	115	1750 Cu	UG	1	1.41	
Singer - Pequonnock [1955]	115	3-3500 Cu (XLPE)	UG	1	0.43	0.43
Pequonnock - Congress [8809A ; 8909B]	115	1590 ACSR	OH	2	0.70	1.40
Congress - Baird [8809A ; 8909B]	115	795 ACSR	OH	2	2.33	4.66
Baird - Devon Tie (UI) [88006A ; 89006B]	115	1272 SSAC	OH	2	2.33	4.66
Devon Tie (UI) - Milvon [88005A ; 89005B]	115	795 ACSR	OH	2	1.38	2.76
Devon Tie (UI) - Devon (NU) [1780 ; 1790]	115	1590 ACSR	OH	2	0.10	0.20
Milvon - Woodmont [88005A ; 89005B]	115	1272 SSAC	OH	2	4.07	8.14
Woodmont - W. River [8804A,88003A ; 8904B,89003B]	115	1272 SSAC	OH	2	5.50	11.00
W. River - Grand Avenue [88003A ; 89003B]	115	2500 Cu	UG	2	2.69	5.38
Grand Avenue - Sackett [8400]	115	1272 ACSR	OH	1	4.20	4.20
Sackett - Mix [84004]	115	1250 Cu	UG	1	2.32	2.32
Mix - Glen Lake [1610]	115	556 ACSR	OH	1	2.90	2.90
Pequonnock - Ash Creek [91001]	115	1590 ACSR	OH	1	3.36	3.36
Ash Creek - Sasco Creek (UI) [1430]	115	1590 ACSR	OH	1	4.06	4.06

The United Illuminating Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Pequonnock - Darien (UI) [1130]	115	1590 SSAC	OH	1	6.84	6.84
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	3.77	4.08
		336.4 SSAC	OH	1	0.31	
Indian Well - Ansonia [1594]	115	4/0 Cu	OH	1	2.61	2.61
Derby Jct. - Indian Well [1570]	115	4/0 Cu	OH	1	1.16	1.47
		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	**0.22**	**0.22**
Union Ave - W. River (8702)	**115**	**2250 Cu**	**UG**	**1**	**1.32**	**1.31**
East Shore - Grand Avenue [8100 ; 8200]	115	2-1590 ACSR	OH	2	1.53	3.06
Mill River - Broadway [9502]	115	1500 Cu	UG	1	1.66	1.66
Broadway - Water Street [9500]	115	1500 Cu	UG	1	1.49	1.49
Quinnipiac - Cedar Hill [8300 ; 8600]	115	1272 ACSR	OH	2	1.04	2.08
East Shore - Branford Railroad (UI) [1460]	115	1272 ACSR	OH	1	2.86	2.86
Branford Railroad (UI) - Branford (UI) [1537]	115	1272 ACSR	OH	1	3.29	3.29
Mill River/Grand Avenue - Cedar Hill [8300]	115	1272 ACSR	OH	1	1.25	1.30
		1590 ACSR	OH	1	0.05	
Cedar Hill - North Haven [8600]	115	1272 ACSR	OH	1	7.15	7.15

The United Illuminating Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
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						111.78
TOTAL OF THE UNITED ILLUMINATING COMPANY CKT. MILES						129.21

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
	230	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	18.07	18.07
Georgia - Sand Bar (K-19)	115	927 ACAR	OH	1	8.88	8.88
Sand Bar - South Hero Tap (PV-20)	115	954 AA	OH	1	4.27	8.96
		1750 MCM pipe cable	UG	1	2.02	
		954 ACSR	OH	1	2.67	
South Hero Tap - Plattsburgh (VT/NY border) (PV-20)	115	954 AA	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 ACSR	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	19.32	19.32
DuxburyTap - Middlesex (K-24)	115	795 ACSR	OH	1	6.18	6.18
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	795 ACSR	OH	1	4.66	4.66
East Ave - Lime Kiln (K-18)	115	1272 ACSR	OH	1	1.43	1.43
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	3.19	3.19
Tafts Corner - Williston (K-27)	115	1272 ACSR	OH	1	2.07	2.07
Williston - New Haven (K-43)	115	1272 ACSR	OH	1	20.83	20.83
Williston -Queen City (K-33)	115	1272 ACSR	OH	1	6.24	6.24
Queen City - Shelburne Tap (K-65)	115	1272 ACSR	OH	1	1.45	4.95
	115	2500 CU XLPE	UG	1	1.64	
	115	1272 ACSR	OH	1	1.86	
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	7.60	7.60
Middlebury - Florence Tap (K-30)	115	927 ACAR	OH	1	22.75	22.75

VT Transco, LLC
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Florence Tap - West Rutland (K-30)	115	927 ACAR	OH	1	5.28	5.28
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**
		795 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	13.01
Ascutney - North Road (PSNH border) (K-174)	115	795 ACSR	OH	1	0.96	0.96
Ascutney - Ascutney Tap (NGRID border) (K-149)	115	477 ACSR	OH	1	2.20	2.20

VT Transco, LLC
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
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	6.78	6.78
Bennington - Adams (NGRID border) (K-4)	115	927 ACAR	OH	1	10.94	10.94
Georgia - St. Albans Tap (K-42)	115	1272 ACSR	OH	1	6.66	6.66
St. Albans Tap - Highgate Converter Tap (K-42)	115	1272 ACSR	OH	1	9.90	9.90
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-41)	115	1272 ACSR	OH	1	6.48	6.48
Mosher's Tap - Highgate (K-41)	115	556 ACSR	OH	1	44.73	44.73
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						**431.13**
TOTAL VERMONT ELECTRIC POWER COMPANY, INC. CKT. MILES						**631.03**

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	2.70	2.70
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
TOTAL WESTERN MASSACHUSETTS ELECTRIC COMPANY EHV PTF CKT. MILES						104.50

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 - Cumberland via Plainfield and Ashfield Tap (1242)	115	2/0 Cu	OH	1	25.90	26.00
		1272 ACSR	OH	1	0.10	
Cumberland - Montague (1361)	115	2/0 Cu	OH	1	2.70	2.70
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 - Holyoke (WMECO Sec. of 1525)	115	795 ACSR	OH	1	0.10	0.10
Fairmont - Chicopee via Shawinigan (1254)	115	795 ACSR	OH	1	1.70	5.20
		795 SSAC	OH	1	0.70	
		1272 ACSR	OH	1	2.80	
Ludlow - Shawinigan (1845)	115	1113 ALUM	OH	1	5.30	6.30
		1272 ACSR	OH	1	1.00	

Western Massachusetts Electric Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
East Springfield - Orchard (1426)	115	1113 ALUM	OH	1	0.60	3.40
		1113 ACSR	OH	1	1.30	
		1272 ACSR	OH	1	1.50	
Orchard - Ludlow (1552)	115	1113 ALUM	OH	1	0.70	5.50
		1272 ACSR	OH	1	4.80	
Cadwell - Ludlow (1481)	115	**1590 ACSS**	OH	1	7.10	7.10
Cadwell - East Springfield (1645)	**115**	**1113 ACSR**	**OH**	**1**	**0.40**	**0.40**
Piper - East Springfield Jct. via Fairmont No. & East Springfield (1723)	115	336 ACSR	OH	1	0.70	9.60
		795 ACSR	OH	1	1.70	
		1272 ACSR	OH	1	2.50	
		2-336 ACSR	OH	1	1.40	
		556 SSAC	OH	1	3.30	
East Springfield - Breckwood (1322)	115	650 Cu	UG	1	2.80	2.80
Breckwood - West Springfield (1433)	115	650 Cu	UG	1	4.40	4.40
West Springfield - Agawam (1311)	115	**1272 ACSS**	**OH**	**1**	**2.60**	**2.60**
West Springfield - Agawam (1412)	115	**1272 ACSS**	**OH**	**1**	**2.60**	**2.70**
		2000 Cu	**UG**	**1**	**0.10**	
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

Western Massachusetts Electric Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
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 - Scitico (WMECO Sec. of 1515)	115	1272 ACSR	OH	1	11.70	11.70
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	336 ACSR	OH	1	3.70	3.70
Agawam - Buck Pond via Pochassic (1302)	115	1272 ACSR	OH	1	11.20	11.20
North Bloomfield - Southwick (WMECO Sec. of 1768)	115	556 ACSR	OH	1	1.20	1.20
Agawam - South Agawam (1781) via Silver	115	556 SSAC	OH	1	3.00	3.10
	115	1272 ACSR	OH	1	0.10	
Agawam - South Agawam (1782) via Silver	115	556 SSAC	OH	1	3.00	3.10
	115	1272 ACSR	OH	1	0.10	
Agawam - Chicopee (1314)	115	556 ACSS	OH	1	7.00	7.10
		1272 ACSS	OH	1	0.10	
South Agawam - Franconia (WMECO Sec. of 1858)	115	1272 ACSR	OH	1	3.60	3.60
North Bloomfield - South Agawam (WMECO Sec. of 1821)	115	556 SSAC	OH	1	2.90	2.90
North Bloomfield - South Agawam (WMECO Sec. of 1836)	115	556 SSAC	OH	1	2.90	2.90
Fairmont - Holyoke (WMECO Sec. of 1525)	115	795 ACSR	OH	1	0.50	0.50

Western Massachusetts Electric Company
Lower Voltage PTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
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						283.20
TOTAL WESTERN MASSACHUSETTS ELECTRIC COMPANY CKT. MILES						387.70

Highgate Transmission Facilities *
HTF

LINE	KV	CONDUCTOR	UG OH	NO OF CKTS	MILES PER CKT	CKT MILES
Highgate Converter - Converter Tap (K-24)	115	1272 ACSR	OH	1	0.10	0.10
Highgate Converter - Bedford (HQ)/ Vermont State Line (1429)	115	2-954 ACSR	OH	1	7.26	7.51
		1272 ACSR	OH	1	0.25	
TOTAL HIGHGATE TRANSMISSION FACILITIES HTF CKT. MILES						7.61

* 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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