

ISO - NEW ENGLAND INC.

POOL TRANSMISSION FACILITIES

(PTF)

Final

**IN-SERVICE
AS OF
January 1, 2013**

Total Circuit Miles of PTF Transmission by Company and HTF

| | <u>EHV-PTF</u> | <u>LV-PTF</u> | <u>TOTAL</u> | <u>HTF</u> |
|---|----------------|---------------|--------------|------------|
| BANGOR HYDRO ELECTRIC COMPANY CKT. MILES | 84.40 | 207.88 | 292.28 | |
| 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 | | 6.60 | 6.60 | |
| CENTRAL MAINE POWER COMPANY CKT. MILES | 200.41 | 1016.92 | 1217.33 | |
| THE CONNECTICUT LIGHT AND POWER COMPANY CKT. MILES | 480.40 | 1063.00 | 1543.40 | |
| HOLYOKE GAS AND ELECTRIC DEPARTMENT CKT. MILES | | 9.25 | 9.25 | |
| MAINE ELECTRIC POWER COMPANY | 181.33 | | 181.33 | |
| MIDDLEBORO GAS & ELECTIC DEPARTMENT | | 10.35 | 10.35 | |
| NATIONAL GRID USA CKT. MILES | 746.41 | 1534.87 | 2281.28 | |
| 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 | 260.60 | 608.60 | 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 | 18.36 | 109.81 | 128.17 | |
| VT TRANSCO, LLC CKT. MILES | 199.90 | 431.75 | 631.65 | |
| WESTERN MASSACHUSETTS ELECTRIC COMPANY CKT. MILES | 121.80 | 277.25 | 399.05 | |
| HIGHGATE TRANSMISSION FACILITIES | | | | 7.72 |
| TOTAL ISO-NEW ENGLAND CKT. MILES | 2,612.68 | 5773.99 | 8,386.67 | 7.72 |

**Bangor Hydro Electric Company
EHV PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|--------------------------------|
| Bailyville (ME-NB border) - Orrington (390/3016) | 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 |
| Rebel - Deblois - Line 51 & 93 | 115 | 4/0 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 BANGOR HYDRO ELECTRIC COMPANY LOWER VOLTAGE PTF CKT. MILES | | | | | | ----- 207.88 |
| TOTAL BANGOR HYDRO ELECTRIC COMPANY CKT. MILES | | | | | | ----- 292.28 |

**Town of Braintree Electric Light Department
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 | 24.00 | 29.72 |
| | | 2-900 ACSR | OH | 1 | 5.49 | |
| | | 2-1590 ACSR | OH | 1 | 0.23 | |
| Surowiec - Buxton (3038) | 345 | 2-850.8 ACSR | OH | 1 | 26.23 | 26.48 |
| | | 2-1590 ACSR | OH | 1 | 0.25 | |
| Larrabee Rd - Surowiec (3026) | 345 | 2-1590 ACSR | OH | 1 | 16.10 | 16.10 |
| Surowiec - Maine Yankee (377) | 345 | 2-850.8 ACSR | OH | 1 | 24.20 | 29.81 |
| | | 2-900 ACSR | OH | 1 | 2.61 | |
| 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 |
| TOTAL CENTRAL MAINE POWER COMPANY EHV PTF CKT. MILES | | | | | | ----- 200.41 |

**Central Maine Power
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| Wyman -Starks (63) | 115 | 795 ACSR | OH | 1 | 20.73 | 20.73 |
| Starks - Livermore Falls (278) | 115 | 795 ACSR | OH | 1 | 26.52 | 26.52 |
| 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 |
| Wyman - Heywood Rd (241) | 115 | 1113 ACSR | OH | 1 | 38.70 | 41.09 |
| | | 795 ACSR | OH | 1 | 2.39 | |
| 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 - Athens (66) | 115 | 795 ACSR | OH | 1 | 15.22 | 15.22 |
| Athens - Detroit (82) | 115 | 795 ACSR | OH | 1 | 17.93 | 17.93 |
| Detroit - Maxcys (67) | 115 | 795 ACSR | OH | 1 | 40.50 | 40.50 |
| Detroit - Bucksport (203) | 115 | 795 ACSR | OH | 1 | 9.47 | 34.04 |
| | | 1113 ACSR | OH | 1 | 24.57 | |
| 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 AI | OH | 1 | 30.20 | |
| | | 795 ACSR | OH | 1 | 3.60 | |
| Highland - Newcastle (226) | 115 | 1272 AI | OH | 1 | 19.00 | 19.00 |

**Central Maine Power
Lower Voltage PTF**

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|------------------------------|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| Mason - Newcastle (204) | 115 | 1272 AI | OH | 1 | 6.97 | 11.18 |
| | 115 | 795 ACSR | OH | 1 | 4.21 | |
| Highland - Maxcys (80) | 115 | 266.8 ACSR | OH | 1 | 22.00 | 22.00 |
| Maxcys - Mason (68) | 115 | 795 ACSR | OH | 1 | 23.70 | 23.70 |
| Maxcys - Bowman Street (60) | 115 | 1113 ACSR | OH | 1 | 12.04 | 12.35 |
| | 115 | 795 ACSR | OH | 1 | 0.31 | |
| Bowman St. - Manmouth (269) | 115 | 1113 ACSR | OH | 1 | 11.46 | 11.46 |
| Manmouth - Gulf Island (212) | 115 | 795 ACSR | OH | 1 | 11.57 | 11.57 |

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|------------------------------------|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 | 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 | 20.89 | 23.95 |
| | | 1113 ACSR | OH | 1 | 3.06 | |
| 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 | 1113 ACSR | OH | 1 | 0.51 | 19.85 |
| | | 795 ACSR | OH | 1 | 19.34 | |
| Yarmouth - Spring St. (164) | 115 | 1113 ACSR | OH | 1 | 0.39 | 23.25 |
| | | 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 - 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 |

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|----------------------------------|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| Maguire Rd - Three Rivers (250) | 115 | 1113 ACSR | OH | 1 | 0.70 | 19.53 |
| | 115 | 795 ACSR | OH | 1 | 18.83 | |
| 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 |
| Spring St. - Pleasant Hill (234) | 115 | 795 ACSR | OH | 1 | 5.99 | 5.99 |
| Pleasant Hill - Cape Steam (160) | 115 | 4/0 Cu | OH | 1 | 1.07 | 4.07 |
| | | 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 | 17.94 | 20.79 |
| | | 1113 ACSR | OH | 1 | 2.85 | |
| 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 | 22.57 | 22.57 |
| Moshers - Sewall St. (161) | 115 | 795 ACSR | OH | 1 | 7.53 | 7.53 |

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|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 |
| 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 |
| Maxcys - Augusta East (88) | 115 | 1113 ACSR | OH | 1 | 4.68 | 11.06 |
| | 115 | 795 ACSR | OH | 1 | 6.38 | |
| Augusta East - Bowman St. (213) | 115 | 795 ACSR | OH | 1 | 17.00 | 17.00 |
| South Gorham - Loudon (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 |

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|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 | | | | | | ----- 1016.92 |
| TOTAL CENTRAL MAINE POWER COMPANY CKT. MILES | | | | | | ----- 1196.60 |

**The Connecticut Light and Power Company
EHV PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 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 | |

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EHV PTF**

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|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 | | | | | | 480.40 |

**The Connecticut Light and Power Company
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|---------------------|------------------|-----------------------|--------------------------|----------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 | |
| | | 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 | |

**The Connecticut Light and Power Company
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 ACSR | 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG</u> <u>OH</u> | <u>NO OF</u> <u>CKTS</u> | <u>MILES</u> <u>PER CKT</u> | <u>CKT</u> <u>MILES</u> |
|--|-----------|------------------|------------------------|-----------------------------|--------------------------------|----------------------------|
| 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 |
| Norwalk Harbor - Northport L.I. (CL&P Sec. of 601) | 138 | 1374 kcm Cu+ | UG | 1 | 5.80 | 5.80 |

**The Connecticut Light and Power Company
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 | 0.60 | 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 |

**The Connecticut Light and Power Company
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| | | 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| Green Hill - Bokum (1342) | 115 | 795 ACSS | OH | 1 | 11.30 | 11.30 |
| 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 | |
| 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 | |

**The Connecticut Light and Power Company
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| | | 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 |
| 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 |

**The Connecticut Light and Power Company
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| Falls Village - Torrington Terminal (689) | 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 | | | | | | 1063.00 |
| TOTAL OF THE CONNECTICUT LIGHT AND POWER COMPANY CKT. MILES | | | | | | 1543.40 |

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

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 |
| 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 |
| TOTAL CONNECTICUT MUNICIPAL ELECTRIC ENERGY Co-op. LOWER VOLTAGE PTF CKT. MILES | | | | | | ----- 6.60 |
| TOTAL CONNECTICUT MUNICIPAL ELECTRIC ENERGY Co-op CKT. MILES | | | | | | ----- 6.60 |

**Holyoke Gas And Electric Department
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 | 38.31 | 54.15 |
| | | 2-1590 ACSR | OH | 1 | 15.84 | |
| 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 | | | | | | 181.33 |
| TOTAL MAINE ELECTRIC POWER COMPANY EHV PTF CKT. MILES | | | | | | 181.33 |

**Middleborough Gas and Electric Department
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG</u> <u>OH</u> | <u>NO OF</u> <u>CKTS</u> | <u>MILES</u> <u>PER CKT</u> | <u>CKT</u> <u>MILES</u> |
|---|-----------|------------------|------------------------|-----------------------------|--------------------------------|----------------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| Bear Swamp - Vermont/NY State Line (NMPC) (E-205W) | 230 | 795 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|-------------------------|------------------|-----------------------|--------------------------|----------------------|
| Providence-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 |
| Montague Tap - Harriman (A-127W/B-128) | 115 | 4/0 CU | OH | 2 | 21.13 | 42.26 |
| Montague Tap - Indeck - Montague (NU) (B-128) | 115 | 4/0 CU | 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 (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 & 1590ACSR | 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 - 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 - 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 - 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 & 636 ACSS | OH OH | 1 1 | 1.90 2.41 | 4.31 |
| Greendale - Nashua St. (O-141) | 115 | 636 ACSS | OH | 1 | 2.50 | 2.50 |
| Nashua St. - Millbury (O-141S) | 115 | 636 ACSS 954 ACSR | OH OH | 1 1 | 4.88 10.50 | 15.38 |
| 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 1113 ACSS | OH OH | 1 1 | 4.80 0.95 | 5.75 |
| Rolfe Ave. - Bloomingdale - Millbury (P-142S) | 115 | 954 ACSR 1113 ACSS 1590 ACSR 477 ACSR | OH OH OH OH | 1 1 1 1 | 3.10 1.36 1.60 3.50 | 9.56 |
| Millbury - 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 - Whitins Pond Tap - Woonsocket (R-144) | 115 | 795 ACSR | OH | 1 | 19.42 | 19.42 |
| Salem Harbor - Canal St./Railyard (S-145E) | 115 | 2200 CU | UG | 1 | 1.44 | 1.44 |
| Canal St./Railyard - West Salem - Bartholomew- Wakefield Jct. (S-145E/T-146E) | 115 | 1590 ACSR | OH | 2 | 8.28 | 16.56 |

| | | | | | | |
|---|-----|---------------------------------|----------|--------|----------------|-------|
| Wakefield Jct. - N. Rdg - Burtt Rd - E. Tewksbury - Tewksbury (S-145/T-146) | 115 | 300 CU | OH | 2 | 14.91 | 29.82 |
| Salem Harbor - Canal St./Railyard (T-146E) | 115 | 2-1000 CU | UG | 1 | 1.31 | 1.31 |
| Read St. - Robinson Ave Tap - 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 - Ascutney Tap - Slayton Hill (W-149S) | 115 | 336 ACSR & 954 ACSR | OH OH | 1 1 | 19.40 17.70 | 37.10 |
| Slayton Hill - Mt. Support - Wilder (W-149N) | 115 | 954 ACSR | OH | 1 | 3.30 | 3.30 |
| Hudson (PSNH) - Dracut Jct. (Y-151) | 115 | 4/0 CU | OH | 1 | 9.32 | 9.32 |
| W. Methuen - Dracut Jct. - Tewksbury (Y-151) | 115 | 795 & 1590 ACSR | OH | 1 | 9.80 | 9.80 |
| S. Danvers - King St. Tap - Ward Hill (B-154N/C-155N) | 115 | 795 ACSR 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 1590 ACSR | OH | 2 | 4.90 | 9.80 |
| Northboro Rd. - W. Framingham (BECO) (D-156) | 115 | 795 ACSR | OH | 1 | 5.47 | 5.47 |
| Millbury - East Main Street - Northboro Road (E-157) | 115 | 795 ACSR | OH | 1 | 13.70 | 13.70 |
| Wakefield Junction - Wakefield Municipal Tap - Melrose Tap - Maplewood (F-158N) | 115 | 1113 AL & 795 ACSR 1590 ACSR | OH OH | 1 1 | 4.28 2.36 | 6.64 |
| 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 - 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 1250 CU & 2250 CU | OH UG | 1 1 | 1.50 0.19 | 1.69 |

| | | | | | | |
|--|-----|-----------------------|----|---|-------|-------|
| 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 Tap - Wakefield Muni Tap - Wakefield Junction (Q-169) | 115 | 795 ACSS | OH | 1 | 6.74 | 9.46 |
| | | 1590 ACSR | OH | 1 | 2.72 | |
| 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 ACSR | OH | 1 | 2.21 | 2.21 |
| Ridgewood - W. Cranston - Drumrock (S-171S) | 115 | 1590 ACSR | OH | 1 | 8.77 | 8.77 |
| Hartford Ave.-Johnston tap-RISE Tap-W.Cranston-Drumrock (T-172S) | 115 | 1590 ACSR | OH | 1 | 9.43 | 10.13 |
| | | 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 (V-174) | 115 | 1590 ACSR | OH | 1 | 15.20 | 15.20 |
| Palmer - Little Rest Rd. - W. Charlton - Carpenter Hill (W-175) | 115 | 795 AL & 1590 ACSR | OH | 1 | 17.58 | 17.58 |
| Palmer - Thorndike - Belchertown/Ludlow Town Line (WMECO) (X-176) | 115 | 1590 ACSR | OH | 1 | 9.00 | 9.00 |
| Harriman - Montague (Y-177) | 115 | 795 AL & ACSR | OH | 1 | 25.81 | 25.81 |
| Lynnway - 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 - 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 | 795 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 - Riverside (J16) | 115 | 465.4 AAAC | OH | 1 | 3.78 | 3.78 |
| 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 - 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 #1 (No. 1 Trans. Line) | 115 | 1113 ACSR | OH | 1 | 0.20 | 0.20 |
| Millbury #2 - Millbury #1 (No. 2 Trans. Line) | 115 | 4/0 CU | OH | 1 | 0.04 | 0.16 |
| | | 1113 ACSR | OH | 1 | 0.12 | |
| Millbury #2 - Millbury #1 (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 - Vernon (B-2N) | 69 | 2/0 CU | OH | 1 | 31.81 | 31.81 |
| Pratts Jct. - Park St., Gardner (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 - Meadow St., Spencer (E-5E/F-6E) | 69 | 477 ACSR | OH | 2 | 14.65 | 29.30 |
| Meadow St., Spencer - 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.3 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 795 AL | OH OH | 1 1 | 3.42 0.25 | 3.67 |
| Westboro - Northboro Road (X-24E) | 69 | 795 ACSR, AL | OH | 1 | 4.20 | 4.20 |
| Millbury - N. Grafton Tap - Westboro (X-24W) | 69 | 795 ACSR | OH | 1 | 10.33 | 10.33 |
| Harriman - Searsburg (Y-25N) | 69 | 477 ACSR | OH | 1 | 8.48 | 8.48 |
| Searsburg - GMP Wind Farm Tap - Bennington (VELCO) (Y-25N) | 69 | 477 ACSR | OH | 1 | 3.07 | 3.07 |
| Deerfield No. 5 Station - Hoosac - Harriman (Y-25S) | 69 | 477 ACSR | OH | 1 | 5.45 | 5.45 |
| Fitch Road, Clinton - Wachusett (M-39) | 69 | 795 ACSR | OH | 1 | 6.60 | 6.60 |
| Pratts Jct. - Fitch Road, Clinton (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 | | | | | | ----- 1534.87 |
| TOTAL NATIONAL GRID USA CKT. MILES | | | | | | ----- 2281.28 |

**New Hampshire Transmission, LLC
EHV PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> | |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|---|
| 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 | * |
| | | | | | | 0.60 | |
| TOTAL NEW HAMPSHIRE TRANSMISSION, LLC EHV PTF CKT. MILES | | | | | | | |

* 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>OH</u> | <u>CKTS</u> | <u>PER CKT</u> | <u>MILES</u> |
|---|-----------|------------------|-----------|-------------|----------------|--------------|
| 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 | 2-900 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 | |
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>OH</u> | <u>CKTS</u> | <u>PER CKT</u> | <u>MILES</u> |
|---|-----------|--------------------|-----------|-------------|----------------|--------------|
| 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 | UG | 1 | 0.22 | 1.37 |
| | | 795 ACSS | OH | 1 | 1.15 | |
| 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 AI | 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 |

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|--|-----|-----------------------------|----------|--------|--------------|-------|
| 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 ACSR | 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 AI | OH | 1 | 5.64 | 5.64 |
| Dover #456 - Needham #148 (148-522) | 115 | 2-795 AI 2-1250 Cu | OH UG | 1 1 | 3.77 1.31 | 5.08 |
| Medway #65 - Milford/Millbury Town Line (NSTAR) (201-501) | 115 | 795 AI | 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 AI | 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 |

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|--|-----|-------------|----|---|-------|-------|
| 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 AI | 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 | 8.41 | 12.26 |
| | | 1113 ACSS | OH | 1 | 3.85 | |
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 - 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

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG</u> <u>OH</u> | <u>NO OF</u> <u>CKTS</u> | <u>MILES</u> <u>PER CKT</u> | <u>CKT</u> <u>MILES</u> |
|--|-----------|------------------|------------------------|-----------------------------|--------------------------------|----------------------------|
| TOTAL PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE EHV PTF CKT. MILES | | | | | | 260.60 |

**Public Service Company of New Hampshire
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| Moore (NEP) - Whitefield (Q195) | 115 | 477 ACSR | OH | 1 | 14.90 | 16.40 |
| | | 336 ACSR | 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 & | OH | 1 | 3.60 | |
| | | 795 ACSR | | | | |
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| | | 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|--------------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 |
| 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 |
| 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 |

**Public Service Company of New Hampshire
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG</u> <u>OH</u> | <u>NO OF</u> <u>CKTS</u> | <u>MILES</u> <u>PER CKT</u> | <u>CKT</u> <u>MILES</u> |
|---|-----------|------------------|------------------------|-----------------------------|--------------------------------|----------------------------|
| TOTAL PUBLIC SERVICE COMPANY OF NEW HAMPSIRE LOWER VOLTAGE PTF CKT. MILES | | | | | | 608.60 |
| TOTAL PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE CKT. MILES | | | | | | ----- 869.20 |

**Reading Municipal Light Department
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| East Shore - East Shore Tap (UI) [387-2] | 345 | 2-954 ACSR | OH | 1 | 0.10 | 0.10 |
| East Shore Tap - Totoket Jct. (UI) [387-3] | 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 |
| TOTAL OF THE UNITED ILLUMINATING COMPANY EHV PTF CKT. MILES | | | | | | ----- 18.36 |

**The United Illuminating Company
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 | |
| 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 |
| Ash Creek - Sasco Creek (UI) [1430] | 115 | 1590 ACSR | OH | 1 | 4.05 | 4.05 |

**The United Illuminating Company
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 | 0.22 | 0.22 |
| Union Ave - W. River (8702) | 115 | 2250 Cu | UG | 1 | 1.31 | 1.31 |
| 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 | 1.66 | 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 | 0.99 | 1.98 |
| Grand Ave - Mill River [8301] | 115 | 4000A GIL | OH | 1 | 0.02 | 0.02 |
| East Shore - Branford Railroad Tap (UI) [1460] | 115 | 1272 ACSR | OH | 1 | 3.02 | 3.02 |
| 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 | 1.24 | 1.24 |

**The United Illuminating Company
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 | | | | | | ----- 109.81 |
| TOTAL OF THE UNITED ILLUMINATING COMPANY CKT. MILES | | | | | | ----- 128.17 |

**VT Transco, LLC
EHV PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG</u> <u>OH</u> | <u>NO OF</u> <u>CKTS</u> | <u>MILES</u> <u>PER CKT</u> | <u>CKT</u> <u>MILES</u> |
|---|-----------|---------------------|------------------------|-----------------------------|--------------------------------|----------------------------|
| Georgia - Essex (K-21) | 115 | 954 ACSR | OH | 1 | 18.10 | 18.10 |
| 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 | 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 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 | 19.32 | 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| Essex - East Ave (K25) | 115 | 1272 ACSR | OH | 1 | 4.78 | 4.78 |
| East Ave - Lime Kiln (K-18) | 115 | 1272 ACSR | OH | 1 | 1.43 | 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 | 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 | 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 | 5.33 | 5.33 |
| 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 |

**VT Transco, LLC
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 |
| | | 954 ACSR | 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 | 1.07 | 1.07 |
| Ascutney - Ascutney Tap (NGRID border) (K-149) | 115 | 477 ACSR | OH | 1 | 2.20 | 2.20 |

**VT Transco, LLC
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 | 6.69 | 6.69 |
| 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-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 | | | | | | 431.75 |
| TOTAL VERMONT ELECTRIC POWER COMPANY, INC. CKT. MILES | | | | | | 631.65 |

**Western Massachusetts Electric Company
EHV PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 |
| TOTAL WESTERN MASSACHUSETTS ELECTRIC COMPANY EHV PTF CKT. MILES | | | | | | ----- 121.80 |

**Western Massachusetts Electric Company
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|---|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 - North Canal (WMECO Sec. of 1356) | 115 | 795 ACSR | OH | 1 | 0.05 | 0.05 |
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| 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 | 1272 ACSS | OH | 1 | 3.60 | 3.60 |
| 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 | 1272 ACSS | OH | 1 | 7.10 | 7.10 |
| South Agawam - Franconia (WMECO Sec. of 1858) | 115 | 1272 ACSR | OH | 1 | 3.60 | 3.60 |
| Fairmont - Holyoke (WMECO Sec. of 1525) | 115 | 795 ACSR | OH | 1 | 0.50 | 0.50 |
| 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 |

**Western Massachusetts Electric Company
Lower Voltage PTF**

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG OH</u> | <u>NO OF CKTS</u> | <u>MILES PER CKT</u> | <u>CKT MILES</u> |
|--|-----------|------------------|------------------|-----------------------|--------------------------|----------------------|
| Pinshed - Fairmont (1327) | 115 | 795 ACSR | OH | 1 | 3.80 | 3.80 |
| TOTAL WESTERN MASSACHUSETTS ELECTRIC COMPANY LOWER VOLTAGE PTF CKT. MILES | | | | | | 277.25 |
| TOTAL WESTERN MASSACHUSETTS ELECTRIC COMPANY CKT. MILES | | | | | | 399.05 |

Highgate Transmission Facilities *
HTF

| <u>LINE</u> | <u>KV</u> | <u>CONDUCTOR</u> | <u>UG</u> <u>OH</u> | <u>NO OF</u> <u>CKTS</u> | <u>MILES</u> <u>PER CKT</u> | <u>CKT</u> <u>MILES</u> |
|---|-----------|------------------|------------------------|-----------------------------|--------------------------------|----------------------------|
| 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...)

Prepared
by

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Web Site: http://www.iso-ne.com/trans/planning/ptf_cat/index