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June 22, 2005

Mary L. Cottrell, Secretary
Department of Telecommunications and Energy
One South Station, 2nd Floor
Boston, MA 02110

Re: Cambridge Electric Light Company d/b/a NSTAR Electric, D.T.E. 05-17

Dear Secretary Cottrell:

Enclosed for filing in the above-referenced matter are the responses to the Information Requests set forth on the accompanying list. The Company is also providing CD-ROMs to the Hearing Officer, Department staff and the Attorney General containing working, electronic versions of the attached spreadsheets, as requested by the Department. Please note that the Company currently is analyzing data regarding its 2004 peak load and will supplement its response to information request DTE-3-2 as soon as its analysis is completed.

Please contact me or Cheryl Kimball if you have any questions regarding the filing.

Thank you for your attention to this matter.

Very truly yours,

John K. Habib

John K. Habib

cc: Jody Stiefel, Hearing Officer (including CD-ROM)
Joseph Rogers, Assistant Attorney General (including CD-ROM)
Susan McSherry
Henry LaMontagne
David Myers
John O'Brien

## INFORMATION REQUESTS

DTE-3-1
DTE-3-2

Information Request DTE-3-1

Please provide an update to the Excel spreadsheet response to DTE 1-5 to include columns that indicate for each circuit identified:

1. The associated substation name and number;
2. The city or town where the substation is located;
3. Whether the substation is classified as transmission or distribution;
4. A transformer identifier associated with the substation; and
5. The voltage level associated with the circuit.

Response

Please see Attachment DTE-3-1(a) for the information sought in parts (1), (2), (3) and (5). Please see Attachment DTE-3-1(b) for the information sought in part (4).

**Attachment DTE-3-1(a)**

| | | | Description | | | | 2001 | 2002 | 2003 | 2004 | Two Years | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 01-02 | 02-03 | 03-04 |
| | | | Cambridge Electric Light Company | | | | 37.26 | 66.10 | 48.18 | 49.29 | 52.20 | 57.18 | 48.74 |
| sta. name | sta. number | sta. town | trans. or distr. | ckt volt. | | Circuit | | | | | | | |
| Charles | 811 | Cambridge | D | 4.16kV | | 811-14 | 0.00 | 116.12 | 39.12 | 120.21 | 58.06 | 77.62 | 79.66 |
| Charles | 811 | Cambridge | D | 4.16kV | | 811-36 | 0.67 | 0.09 | 194.21 | 110.63 | 0.38 | 97.15 | 152.42 |
| Charles | 811 | Cambridge | D | 4.16kV | | 811-37 | 220.53 | 0.00 | 267.97 | 169.15 | 110.26 | 138.83 | 218.56 |
| Charles | 811 | Cambridge | D | 4.16kV | | 811-47 | 0.00 | 0.00 | 0.00 | 241.07 | 0.00 | 0.00 | 120.54 |
| Otis | 812 | Cambridge | D | 4.16kV | | 812-16 | 0.00 | 35.93 | 0.00 | 0.00 | 17.96 | 17.96 | 0.00 |
| Otis | 812 | Cambridge | D | 4.16kV | | 812-24 | 0.00 | 61.68 | 0.00 | 0.00 | 30.84 | 30.84 | 0.00 |
| Otis | 812 | Cambridge | D | 4.16kV | | 812-37 | 35.35 | 0.00 | 30.64 | 170.43 | 17.68 | 16.44 | 100.54 |
| Potter | 813 | Cambridge | D | 4.16kV | | 813-13 | 0.00 | 1210.44 | 0.00 | 0.00 | 605.22 | 605.22 | 0.00 |
| Potter | 813 | Cambridge | D | 4.16kV | | 813-17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Potter | 813 | Cambridge | D | 4.16kV | | 813-36 | 0.00 | 0.00 | 0.00 | 118.55 | 0.00 | 0.00 | 59.27 |
| Hampshire | 814 | Cambridge | D | 4.16kV | | 814-12 | 2.20 | 25.27 | 245.65 | 124.48 | 13.74 | 140.38 | 185.07 |
| Hampshire | 814 | Cambridge | D | 4.16kV | | 814-13 | 5.77 | 89.39 | 0.00 | 0.00 | 47.58 | 44.69 | 0.00 |
| Hampshire | 814 | Cambridge | D | 4.16kV | | 814-14 | 5.83 | 17.14 | 0.00 | 6.80 | 11.49 | 8.57 | 3.40 |
| Hampshire | 814 | Cambridge | D | 4.16kV | | 814-15 | 4.20 | 0.00 | 69.90 | 108.69 | 2.10 | 34.42 | 89.30 |
| Hampshire | 814 | Cambridge | D | 4.16kV | | 814-16 | 20.09 | 0.00 | 2.20 | 70.08 | 10.05 | 1.08 | 36.14 |
| Hampshire | 814 | Cambridge | D | 4.16kV | | 814-17 | 6.00 | 0.00 | 0.00 | 0.00 | 3.00 | 0.00 | 0.00 |
| Pacific | 815 | Cambridge | D | 4.16kV | | 815-10 | 13.59 | 93.71 | 0.00 | 0.00 | 53.65 | 46.86 | 0.00 |
| Pacific | 815 | Cambridge | D | 4.16kV | | 815-33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Vassar | 816 | Cambridge | D | 4.16kV | | 816-02 | 68.94 | 87.03 | 55.99 | 0.00 | 77.98 | 71.51 | 28.00 |
| Vassar | 816 | Cambridge | D | 4.16kV | | 816-04 | 149.00 | 435.96 | 0.00 | 0.00 | 292.48 | 217.98 | 0.00 |
| Vassar | 816 | Cambridge | D | 4.16kV | | 816-33 | 0.00 | 2.91 | 69.91 | 0.00 | 1.46 | 36.41 | 34.96 |
| Putnam | 817 | Cambridge | D | 4.16kV | | 817-01 | 29.05 | 112.44 | 51.33 | 20.47 | 70.74 | 81.88 | 35.90 |
| Putnam | 817 | Cambridge | D | 4.16kV | | 817-02 | 217.09 | 59.51 | 238.85 | 0.00 | 138.30 | 149.18 | 119.42 |
| Putnam | 817 | Cambridge | D | 4.16kV | | 817-03 | 26.20 | 0.00 | 306.56 | 0.00 | 13.10 | 156.08 | 153.28 |
| Putnam | 817 | Cambridge | D | 4.16kV | | 817-04 | 0.00 | 120.74 | 88.59 | 0.00 | 60.37 | 104.67 | 44.30 |
| Putnam | 817 | Cambridge | D | 4.16kV | | 817-05 | 0.00 | 72.47 | 11.49 | 13.59 | 36.23 | 41.98 | 12.54 |
| Putnam | 817 | Cambridge | D | 4.16kV | | 817-06 | 0.00 | 73.57 | 0.00 | 0.00 | 36.78 | 36.78 | 0.00 |
| Putnam | 817 | Cambridge | D | 4.16kV | | 817-08 | 0.00 | 238.86 | 7.82 | 13.56 | 119.43 | 123.34 | 10.69 |
| Putnam | 817 | Cambridge | D | 4.16kV | | 817-09 | 0.00 | 323.29 | 102.61 | 128.06 | 161.65 | 212.95 | 115.33 |
| Putnam | 817 | Cambridge | D | 4.16kV | | 817-46 | 0.00 | 30.48 | 7.97 | 190.23 | 15.24 | 19.22 | 99.10 |
| Putnam | 817 | Cambridge | D | 4.16kV | | 817-48 | 56.87 | 7.75 | 109.01 | 0.00 | 32.31 | 58.38 | 54.51 |
| Prospect | 819 | Cambridge | D | 13.8kV | | 819-1102 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Prospect | 819 | Cambridge | D | 13.8kV | | 819-1338 | 0.00 | 0.71 | 0.00 | 0.00 | 0.35 | 0.35 | 0.00 |
| Prospect | 819 | Cambridge | D | 13.8kV | | 819-1398 | 0.00 | 7.50 | 0.00 | 0.00 | 3.75 | 3.75 | 0.00 |
| Prospect | 819 | Cambridge | D | 13.8kV | | 819-1NA4 | 0.00 | 2.14 | 0.00 | 0.00 | 1.07 | 1.07 | 0.00 |
| Prospect | 819 | Cambridge | D | 13.8kV | | 819-1NE4 | 0.00 | 0.00 | 0.46 | 0.00 | 0.00 | 0.23 | 0.23 |
| Prospect | 819 | Cambridge | D | 13.8kV | | 819-1NE6 | 0.73 | 0.32 | 0.00 | 0.00 | 0.52 | 0.16 | 0.00 |
| Amory | 820 | Cambridge | D | 4.16kV | | 820-15 | 0.00 | 111.12 | 5.42 | 168.50 | 55.56 | 58.27 | 86.96 |
| Amory | 820 | Cambridge | D | 4.16kV | | 820-24 | 0.00 | 0.00 | 145.34 | 0.00 | 0.00 | 72.67 | 72.67 |
| Amory | 820 | Cambridge | D | 4.16kV | | 820-45 | 0.00 | 1.77 | 149.06 | 57.58 | 0.89 | 75.42 | 103.32 |
| Amory | 820 | Cambridge | D | 4.16kV | | 820-46 | 0.00 | 1.56 | 73.77 | 0.00 | 0.78 | 37.67 | 36.89 |
| Cambridge | 821 | Cambridge | D | 4.16kV | | 821-05 | 0.00 | 113.84 | 0.00 | 178.67 | 56.92 | 56.92 | 89.33 |
| Cambridge | 821 | Cambridge | D | 4.16kV | | 821-22 | 0.00 | 3.77 | 0.00 | 118.95 | 1.88 | 1.88 | 59.48 |
| Cambridge | 821 | Cambridge | D | 4.16kV | | 821-24 | 0.00 | 13.07 | 0.00 | 0.00 | 6.53 | 6.53 | 0.00 |
| Mellen | 822 | Cambridge | D | 4.16kV | | 822-06 | 0.00 | 0.00 | 49.04 | 39.50 | 0.00 | 24.52 | 44.27 |
| Mellen | 822 | Cambridge | D | 4.16kV | | 822-21 | 0.00 | 70.16 | 0.00 | 0.00 | 35.08 | 35.08 | 0.00 |
| Mellen | 822 | Cambridge | D | 4.16kV | | 822-22 | 0.84 | 131.15 | 0.00 | 4.01 | 78.08 | 65.57 | 2.01 |
| Mellen | 822 | Cambridge | D | 4.16kV | | 822-27 | 0.00 | 61.12 | 0.00 | 12.33 | 30.56 | 30.56 | 6.16 |
| Healey | 823 | Cambridge | D | 4.16kV | | 823-21 | 205.88 | 13.11 | 444.33 | 258.28 | 109.50 | 228.72 | 351.30 |
| Healey | 823 | Cambridge | D | 4.16kV | | 823-23 | 0.00 | 367.42 | 11.31 | 0.00 | 183.71 | 189.37 | 5.66 |
| Healey | 823 | Cambridge | D | 4.16kV | | 823-30 | 53.59 | 82.37 | 103.39 | 7.11 | 67.98 | 92.88 | 55.25 |

| | | | Description | | | 2001 | 2002 | 2003 | 2004 | Two Years | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | 01-02 | 02-03 | 03-04 |
| Walden | 824 | Cambridge | D | 4.16kV | 824-25 | 133.28 | 0.00 | 0.00 | 0.00 | 66.64 | 0.00 | 0.00 |
| Walden | 824 | Cambridge | D | 4.16kV | 824-26 | 253.36 | 25.45 | 0.00 | 47.39 | 139.41 | 12.73 | 23.70 |
| Walden | 824 | Cambridge | D | 4.16kV | 824-27 | 0.00 | 66.84 | 0.00 | 0.00 | 33.42 | 33.42 | 0.00 |
| Walden | 824 | Cambridge | D | 4.16kV | 824-28 | 35.71 | 426.74 | 0.00 | 45.61 | 231.22 | 213.37 | 22.81 |
| Sherman | 825 | Cambridge | D | 4.16kV | 825-18 | 19.77 | 41.35 | 0.00 | 154.45 | 30.56 | 20.67 | 77.22 |
| Sherman | 825 | Cambridge | D | 4.16kV | 825-20 | 0.00 | 0.00 | 6.64 | 262.44 | 0.00 | 3.32 | 134.54 |
| Sherman | 825 | Cambridge | D | 4.16kV | 825-26 | 48.74 | 74.60 | 0.00 | 197.44 | 61.67 | 37.30 | 98.72 |
| Sherman | 825 | Cambridge | D | 4.16kV | 825-27 | 0.00 | 0.00 | 0.00 | 58.56 | 0.00 | 0.00 | 29.28 |
| Edmunds | 826 | Cambridge | D | 4.16kV | 826-20 | 89.34 | 0.00 | 3.36 | 0.00 | 44.67 | 1.67 | 1.68 |
| Edmunds | 826 | Cambridge | D | 4.16kV | 826-25 | 305.93 | 17.36 | 95.48 | 132.46 | 161.65 | 56.42 | 113.97 |
| Edmunds | 826 | Cambridge | D | 4.16kV | 826-28 | 1790.78 | 158.33 | 15.47 | 0.00 | 974.56 | 86.90 | 7.73 |
| Concord | 827 | Cambridge | D | 4.16kV | 827-07 | 30.86 | 340.80 | 3.26 | 0.00 | 185.83 | 172.03 | 1.63 |
| Concord | 827 | Cambridge | D | 4.16kV | 827-18 | 43.08 | 148.28 | 0.00 | 0.00 | 95.68 | 74.14 | 0.00 |
| Concord | 827 | Cambridge | D | 4.16kV | 827-19 | 0.00 | 9.66 | 0.00 | 0.00 | 4.83 | 4.83 | 0.00 |
| Concord | 827 | Cambridge | D | 4.16kV | 827-21 | 0.00 | 214.79 | 144.84 | 0.00 | 107.39 | 179.81 | 72.42 |
| Concord | 827 | Cambridge | D | 4.16kV | 827-31 | 0.00 | 17.44 | 0.00 | 0.00 | 8.72 | 8.72 | 0.00 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1103 | 1206.35 | 64.00 | 0.00 | 0.00 | 635.18 | 32.00 | 0.00 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1104 | 3.56 | 7.22 | 0.00 | 0.00 | 5.39 | 3.61 | 0.00 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1325 | 0.58 | 0.00 | 0.00 | 0.00 | 0.29 | 0.00 | 0.00 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1339 | 102.73 | 1.67 | 0.00 | 1.26 | 52.20 | 0.83 | 0.63 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1369 | 0.00 | 0.00 | 0.00 | 22.00 | 0.00 | 0.00 | 11.00 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1379 | 150.06 | 19.41 | 34.71 | 7.24 | 84.74 | 27.06 | 20.97 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1NA9 | 0.00 | 0.00 | 0.00 | 35.55 | 0.00 | 0.00 | 17.78 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1NC5 | 0.00 | 0.00 | 0.00 | 26.06 | 0.00 | 0.00 | 13.03 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1NC8 | 4.78 | 7.83 | 0.00 | 0.00 | 6.31 | 3.92 | 0.00 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1ND3 | 1.11 | 0.00 | 0.00 | 0.00 | 0.56 | 0.00 | 0.00 |
| Smith Place | 829 | Cambridge | D | 4.16kV | 829-20 | 0.00 | 0.00 | 26.55 | 0.00 | 0.00 | 13.28 | 13.28 |
| Smith Place | 829 | Cambridge | D | 4.16kV | 829-29 | 0.00 | 116.70 | 0.00 | 0.00 | 58.35 | 58.35 | 0.00 |
| Smith Place | 829 | Cambridge | D | 4.16kV | 829-31 | 0.00 | 153.36 | 91.14 | 0.00 | 76.68 | 122.25 | 45.57 |
| Aberdeen | 830 | Cambridge | D | 4.16kV | 830-11 | 0.00 | 388.01 | 196.64 | 324.88 | 194.00 | 292.32 | 260.76 |
| Aberdeen | 830 | Cambridge | D | 4.16kV | 830-32 | 66.68 | 253.96 | 18.03 | 57.72 | 160.32 | 135.99 | 37.87 |
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1304 | 0.00 | 71.50 | 0.00 | 0.00 | 35.75 | 35.75 | 0.00 |
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1314 | 0.00 | 4.39 | 2.39 | 0.00 | 2.19 | 3.39 | 1.19 |
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1347 | 0.00 | 0.00 | 40.98 | 0.00 | 0.00 | 20.49 | 20.49 |
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1394 | 0.00 | 86.91 | 0.00 | 0.00 | 43.45 | 43.45 | 0.00 |
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1NC6 | 0.65 | 0.00 | 0.00 | 0.00 | 0.32 | 0.00 | 0.00 |
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1ND4 | 31.87 | 0.00 | 0.00 | 0.00 | 15.93 | 0.00 | 0.00 |
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1ND5 | 0.00 | 0.00 | 0.00 | 0.85 | 0.00 | 0.00 | 0.43 |
| Kendall | 850 | Cambridge | D | 13.8kV | 838-1353 | 30.48 | 0.00 | 0.00 | 0.00 | 15.24 | 0.00 | 0.00 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1322 | 0.00 | 12.06 | 0.00 | 0.00 | 6.03 | 6.03 | 0.00 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1345 | 0.00 | 96.35 | 0.00 | 0.00 | 48.18 | 48.18 | 0.00 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1352 | 0.00 | 0.00 | 16.03 | 0.00 | 0.00 | 8.02 | 8.02 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1359 | 14.33 | 0.00 | 0.00 | 0.00 | 7.17 | 0.00 | 0.00 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1367 | 0.61 | 0.00 | 0.00 | 0.00 | 0.31 | 0.00 | 0.00 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1NN2 | 0.00 | 0.00 | 0.00 | 14.06 | 0.00 | 0.00 | 7.03 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1NN3 | 0.00 | 0.00 | 27.51 | 0.00 | 0.00 | 13.76 | 13.76 |

| Station | Xfmr |
|---|---|
| 811 | 14A |
| 812 | 14A |
| 813 | 14A |
| 814 | 14A |
| 815 | 14A |
| 816 | 14A |
| 817 | 14A |
| 817 | 14B |
| 819 | 14A |
| 820 | 14A |
| 821 | 14A |
| 822 | 14A |
| 823 | 14A |
| 824 | 14A |
| 824 | 14B |
| 825 | 14A |
| 826 | 14A |
| 827 | 14A |
| 827 | 14B |
| 828 | 110A |
| 828 | 110B |
| 828 | 110D |
| 829 | 14A |
| 830 | 14A |
| 831 | 110A |
| 831 | 110B |
| 831 | 110C |
| 850 | T43 |
| | |

Information Request DTE-3-2

Then for each circuit identified in DTE 3-1, for each of the prior four years (2001, 2002, 2003, and 2004) identify the following:

1. The peak load (Ideally this value would reflect the non-coincident peak (NCP), however, if NCP is unavailable then (1) explain why NCP is unavailable and (2) provide the available data and provide a description);
2. The number of interruptions greater than or equal to 1 minute; and
3. The number of interruptions less than 1 minute.

Please the response electronically in an Excel file.

Response

Please see Attachment DTE-3-2 for: (1) peak load data for each circuit for the years 2001 through 2003; and (2) the number of interruptions greater than or equal to 1 minute. Please note that the Company currently is analyzing data regarding its 2004 peak load and will supplement this response with the requested data as soon as the Company's analysis is completed. The Company does not have information regarding the number of interruptions less than 1 minute because the Company has only limited capability to capture momentary circuit interruption data.

| Cambridge Electric Light Company | | | Description | | | Peak Load | | | | Number of interruptions >= I minute | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| sta. name | sta. number | sta. town | trans. or distr. | ckt volt. | Circuit | 2001 | 2002 | 2003 | 2004 | 2001 | 2002 | 2003 | 2004 |
| Charles | 811 | Cambridge | D | 4.16kV | 811-14 | 200 | 210 | 192 | | 0 | 1 | 1 | 1 |
| Charles | 811 | Cambridge | D | 4.16kV | 811-36 | 210 | 225 | 200 | | 1 | 1 | 3 | 1 |
| Charles | 811 | Cambridge | D | 4.16kV | 811-37 | 150 | 110 | 226 | | 2 | 0 | 1 | 1 |
| Charles | 811 | Cambridge | D | 4.16kV | 811-47 | 65 | 135 | 154 | | 0 | 0 | 0 | 1 |
| Otis | 812 | Cambridge | D | 4.16kV | 812-16 | 260 | 350 | 94 | | 0 | 1 | 0 | 0 |
| Otis | 812 | Cambridge | D | 4.16kV | 812-24 | 110 | 165 | 171 | | 0 | 1 | 0 | 0 |
| Otis | 812 | Cambridge | D | 4.16kV | 812-37 | 150 | 110 | 185 | | 2 | 0 | 1 | 2 |
| Potter | 813 | Cambridge | D | 4.16kV | 813-13 | 110 | 110 | 106 | | 0 | 1 | 0 | 0 |
| Potter | 813 | Cambridge | D | 4.16kV | 813-17 | 100 | 30 | 60 | | 0 | 0 | 0 | 0 |
| Potter | 813 | Cambridge | D | 4.16kV | 813-36 | 210 | 200 | 140 | | 0 | 0 | 0 | 1 |
| Hampshire | 814 | Cambridge | D | 4.16kV | 814-12 | 310 | 205 | 282 | | 1 | 2 | 1 | 2 |
| Hampshire | 814 | Cambridge | D | 4.16kV | 814-13 | 110 | 105 | 100 | | 1 | 1 | 0 | 0 |
| Hampshire | 814 | Cambridge | D | 4.16kV | 814-14 | 200 | 100 | 200 | | 1 | 1 | 0 | 2 |
| Hampshire | 814 | Cambridge | D | 4.16kV | 814-15 | 130 | 1 | 1 | | 1 | 0 | 1 | 2 |
| Hampshire | 814 | Cambridge | D | 4.16kV | 814-16 | 270 | 130 | 113 | | 2 | 0 | 1 | 2 |
| Hampshire | 814 | Cambridge | D | 4.16kV | 814-17 | 30 | 30 | 4 | | 1 | 0 | 0 | 0 |
| Pacific | 815 | Cambridge | D | 4.16kV | 815-10 | 300 | 300 | 325 | | 2 | 2 | 0 | 0 |
| Pacific | 815 | Cambridge | D | 4.16kV | 815-33 | 55 | 55 | 125 | | 0 | 0 | 0 | 0 |
| Vassar | 816 | Cambridge | D | 4.16kV | 816-02 | 210 | 400 | 270 | | 3 | 2 | 1 | 0 |
| Vassar | 816 | Cambridge | D | 4.16kV | 816-04 | 209 | 255 | 109 | | 1 | 1 | 0 | 0 |
| Vassar | 816 | Cambridge | D | 4.16kV | 816-33 | 240 | 205 | 90 | | 0 | 1 | 1 | 0 |
| Putnam | 817 | Cambridge | D | 4.16kV | 817-01 | 200 | 160 | 230 | | 3 | 1 | 1 | 1 |
| Putnam | 817 | Cambridge | D | 4.16kV | 817-02 | 200 | 150 | 250 | | 2 | 1 | 2 | 0 |
| Putnam | 817 | Cambridge | D | 4.16kV | 817-03 | 130 | 80 | 152 | | 1 | 0 | 2 | 0 |
| Putnam | 817 | Cambridge | D | 4.16kV | 817-04 | 200 | 90 | 128 | | 0 | 2 | 2 | 0 |
| Putnam | 817 | Cambridge | D | 4.16kV | 817-05 | 240 | 275 | 275 | | 0 | 1 | 1 | 1 |
| Putnam | 817 | Cambridge | D | 4.16kV | 817-06 | 199 | 140 | 185 | | 0 | 1 | 0 | 0 |
| Putnam | 817 | Cambridge | D | 4.16kV | 817-08 | 260 | 180 | 236 | | 0 | 4 | 1 | 2 |
| Putnam | 817 | Cambridge | D | 4.16kV | 817-09 | 300 | 220 | 303 | | 0 | 2 | 1 | 1 |
| Putnam | 817 | Cambridge | D | 4.16kV | 817-46 | 100 | 150 | 228 | | 0 | 5 | 1 | 5 |
| Putnam | 817 | Cambridge | D | 4.16kV | 817-48 | 210 | 270 | 209 | | 2 | 1 | 1 | 0 |
| Prospect | 819 | Cambridge | D | 13.8kV | 819-1102 | 106 | 175 | 200 | | 0 | 0 | 0 | 0 |
| Prospect | 819 | Cambridge | D | 13.8kV | 819-1338 | 268 | 305 | 312 | | 0 | 1 | 0 | 0 |
| Prospect | 819 | Cambridge | D | 13.8kV | 819-1398 | 355 | 330 | 200 | | 0 | 1 | 0 | 0 |
| Prospect | 819 | Cambridge | D | 13.8kV | 819-1NA4 | 147 | 110 | 105 | | 0 | 1 | 1 | 0 |
| Prospect | 819 | Cambridge | D | 13.8kV | 819-1NE4 | 90 | 100 | 90 | | 0 | 0 | 1 | 0 |
| Prospect | 819 | Cambridge | D | 13.8kV | 819-1NE6 | 82 | 95 | 60 | | 1 | 1 | 0 | 0 |
| Amory | 820 | Cambridge | D | 4.16kV | 820-15 | 130 | 70 | 70 | | 0 | 1 | 1 | 3 |
| Amory | 820 | Cambridge | D | 4.16kV | 820-24 | 300 | 365 | 288 | | 0 | 0 | 1 | 0 |
| Amory | 820 | Cambridge | D | 4.16kV | 820-45 | 300 | 245 | 306 | | 0 | 1 | 1 | 2 |
| Amory | 820 | Cambridge | D | 4.16kV | 820-46 | 250 | 245 | 131 | | 0 | 1 | 1 | 0 |

| Cambridge Electric Light Company | | | Description | | | Peak Load | | | Number of interruptions >= I minute | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cambridge | 821 | Cambridge | D | 4.16kV | 821-05 | 240 | 275 | 236 | 0 | 1 | 0 | 2 |
| Cambridge | 821 | Cambridge | D | 4.16kV | 821-22 | 290 | 270 | 268 | 0 | 1 | 0 | 1 |
| Cambridge | 821 | Cambridge | D | 4.16kV | 821-24 | 300 | 365 | 292 | 0 | 1 | 0 | 0 |
| Mellen | 822 | Cambridge | D | 4.16kV | 822-06 | 199 | 140 | 174 | 0 | 0 | 1 | 1 |
| Mellen | 822 | Cambridge | D | 4.16kV | 822-21 | 120 | 40 | 80 | 0 | 1 | 0 | 0 |
| Mellen | 822 | Cambridge | D | 4.16kV | 822-22 | 230 | 190 | 268 | 1 | 1 | 0 | 1 |
| Mellen | 822 | Cambridge | D | 4.16kV | 822-27 | 100 | 80 | 70 | 0 | 1 | 0 | 1 |
| Healey | 823 | Cambridge | D | 4.16kV | 823-21 | 300 | 130 | 203 | 4 | 1 | 3 | 1 |
| Healey | 823 | Cambridge | D | 4.16kV | 823-23 | 280 | 210 | 113 | 0 | 3 | 1 | 0 |
| Healey | 823 | Cambridge | D | 4.16kV | 823-30 | 260 | 220 | 175 | 4 | 5 | 1 | 1 |
| Walden | 824 | Cambridge | D | 4.16kV | 824-25 | 220 | 30 | 170 | 2 | 0 | 0 | 0 |
| Walden | 824 | Cambridge | D | 4.16kV | 824-26 | 250 | 125 | 160 | 2 | 2 | 0 | 1 |
| Walden | 824 | Cambridge | D | 4.16kV | 824-27 | 100 | 80 | 89 | 0 | 2 | 0 | 0 |
| Walden | 824 | Cambridge | D | 4.16kV | 824-28 | 200 | 260 | 108 | 3 | 3 | 0 | 2 |
| Sherman | 825 | Cambridge | D | 4.16kV | 825-18 | 140 | 215 | 254 | 1 | 1 | 0 | 2 |
| Sherman | 825 | Cambridge | D | 4.16kV | 825-20 | 100 | 195 | 164 | 0 | 0 | 1 | 1 |
| Sherman | 825 | Cambridge | D | 4.16kV | 825-26 | 250 | 125 | 96 | 1 | 1 | 0 | 2 |
| Sherman | 825 | Cambridge | D | 4.16kV | 825-27 | 40 | 70 | 70 | 0 | 0 | 0 | 2 |
| Edmunds | 826 | Cambridge | D | 4.16kV | 826-20 | 100 | 145 | 129 | 2 | 0 | 1 | 0 |
| Edmunds | 826 | Cambridge | D | 4.16kV | 826-25 | 180 | 30 | 206 | 5 | 1 | 2 | 1 |
| Edmunds | 826 | Cambridge | D | 4.16kV | 826-28 | 200 | 260 | 257 | 3 | 1 | 1 | 0 |
| Concord | 827 | Cambridge | D | 4.16kV | 827-07 | 230 | 140 | 149 | 3 | 3 | 1 | 0 |
| Concord | 827 | Cambridge | D | 4.16kV | 827-18 | 140 | 215 | 147 | 3 | 4 | 0 | 0 |
| Concord | 827 | Cambridge | D | 4.16kV | 827-19 | 415 | 110 | 158 | 0 | 1 | 0 | 0 |
| Concord | 827 | Cambridge | D | 4.16kV | 827-21 | 310 | 100 | 246 | 0 | 4 | 2 | 0 |
| Concord | 827 | Cambridge | D | 4.16kV | 827-31 | 280 | 270 | 244 | 0 | 1 | 0 | 0 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1103 | 214 | 135 | 220 | 1 | 1 | 0 | 0 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1104 | 143 | 160 | 144 | 1 | 1 | 0 | 0 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1325 | 309 | 310 | 308 | 2 | 0 | 0 | 0 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1339 | 366 | 105 | 110 | 1 | 1 | 0 | 1 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1369 | 218 | 245 | 240 | 0 | 0 | 0 | 1 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1379 | 214 | 245 | 230 | 1 | 1 | 1 | 1 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1NA9 | 204 | 210 | 205 | 0 | 0 | 0 | 1 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1NC5 | 185 | 185 | 205 | 0 | 0 | 0 | 1 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1NC8 | 250 | 205 | 240 | 1 | 1 | 0 | 0 |
| Alewife | 828 | Cambridge | D | 13.8kV | 828-1ND3 | 217 | 300 | 330 | 1 | 0 | 0 | 0 |
| Smith Place | 829 | Cambridge | D | 4.16kV | 829-20 | 100 | 60 | 57 | 0 | 0 | 2 | 0 |
| Smith Place | 829 | Cambridge | D | 4.16kV | 829-29 | 60 | 45 | 32 | 0 | 3 | 0 | 0 |
| Smith Place | 829 | Cambridge | D | 4.16kV | 829-31 | 300 | 180 | 165 | 0 | 1 | 1 | 0 |
| Aberdeen | 830 | Cambridge | D | 4.16kV | 830-11 | 300 | 270 | 248 | 0 | 4 | 2 | 2 |
| Aberdeen | 830 | Cambridge | D | 4.16kV | 830-32 | 315 | 235 | 206 | 1 | 3 | 1 | 2 |
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1304 | 248 | 160 | 282 | 0 | 1 | 0 | 0 |

| Cambridge Electric Light Company | | | Description | | | Peak Load | | | | Number of interruptions >= I minute | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1314 | 187 | 185 | 69 | | 0 | 1 | 1 | 0 |
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1347 | 250 | 230 | 290 | | 0 | 0 | 1 | 0 |
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1394 | 78 | 80 | 72 | | 0 | 1 | 0 | 0 |
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1NC6 | 188 | 235 | 275 | | 1 | 0 | 0 | 0 |
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1ND4 | 76 | 60 | 60 | | 1 | 0 | 0 | 0 |
| Putnam | 831 | Cambridge | T | 13.8kV | 831-1ND5 | 228 | 230 | 203 | | 0 | 0 | 0 | 1 |
| Kendall | 850 | Cambridge | D | 13.8kV | 838-1353 | 350 | 200 | 200 | | 1 | 0 | 0 | 0 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1322 | 201 | 145 | 240 | | 0 | 1 | 0 | 0 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1345 | 264 | 275 | 270 | | 0 | 3 | 0 | 0 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1352 | 175 | 170 | 168 | | 0 | 0 | 1 | 0 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1359 | 236 | 225 | 240 | | 1 | 0 | 0 | 0 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1367 | 265 | 250 | 246 | | 1 | 0 | 0 | 0 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1NN2 | 212 | 310 | 265 | | 0 | 0 | 0 | 1 |
| Kendall | 850 | Cambridge | D | 13.8kV | 850-1NN3 | 112 | 120 | 120 | | 0 | 0 | 1 | 0 |