

| LDC Info           |                   |
|--------------------|-------------------|
| Utility Name       | Algoma Power Inc. |
| Assigned EB Number | EB-2019-0019      |
| Bridge Year        | 2019              |
| Test Year          | 2020              |
| Last Rebasing Year | 2015              |

| Customer Class      |
|---------------------|
| Customer Class Name |
| R1(i) Residential   |
| R1(ii) GS < 50 kW   |
| R2 GS>50 kW         |
| Seasonal            |
| Street Lights       |
| other               |
| other               |
| other               |
| other               |
|                     |
|                     |
|                     |
|                     |

(F2 to toggle between value and formula)

| Wholesale |
|-----------|
| January   |
| February  |
| March     |
| April     |
| May       |
| June      |
| July      |
| August    |
| September |
| October   |
| November  |
| December  |
| Total     |

| Retail            |
|-------------------|
| R1(i) Residential |
| Kwh               |
| Cust Count        |
|                   |
| R1(ii) GS < 50 kW |
| Kwh               |
| Cust Count        |

| Customer Growth Chart |                          |             |                          |             |                          |             |                          |             |                          |             |
|-----------------------|--------------------------|-------------|--------------------------|-------------|--------------------------|-------------|--------------------------|-------------|--------------------------|-------------|
|                       | R1(i) Residential        |             | R1(ii) GS < 50 kW        |             | R2 GS>50 kW              |             | Seasonal                 |             | Street Lights            |             |
| Date                  | Customers or Connections | Growth Rate | Customers or Connections | Growth Rate | Customers or Connections | Growth Rate | Customers or Connections | Growth Rate | Customers or Connections | Growth Rate |
| 2009                  | 6940                     |             | 1005                     |             | 47                       |             | 3659                     |             | 1021                     |             |
| 2010                  | 7000                     | 1.0085      | 1015                     | 1.0093      | 44                       | 0.9274      | 3622                     | 0.9900      | 1021                     | 1.0000      |
| 2011                  | 7078                     | 1.0112      | 1031                     | 1.0158      | 43                       | 0.9943      | 3539                     | 0.9770      | 1021                     | 1.0000      |
| 2012                  | 7208                     | 1.0183      | 1021                     | 0.9909      | 49                       | 1.1209      | 3422                     | 0.9670      | 1019                     | 0.9983      |
| 2013                  | 7301                     | 1.0129      | 947                      | 0.9277      | 50                       | 1.0257      | 3331                     | 0.9735      | 1018                     | 0.9988      |
| 2014                  | 7398                     | 1.0133      | 956                      | 1.0087      | 43                       | 0.8698      | 3255                     | 0.9770      | 1019                     | 1.0006      |
| 2015                  | 7480                     | 1.0110      | 954                      | 0.9985      | 42                       | 0.9712      | 3176                     | 0.9759      | 1023                     | 1.0040      |
| 2016                  | 7544                     | 1.0086      | 951                      | 0.9968      | 42                       | 0.9980      | 3140                     | 0.9887      | 1066                     | 1.0427      |
| 2017                  | 7596                     | 1.0070      | 961                      | 1.0105      | 38                       | 0.9069      | 3108                     | 0.9899      | 1070                     | 1.0034      |
| 2018                  | 7640                     | 1.0057      | 961                      | 0.9997      | 40                       | 1.0415      | 3076                     | 0.9898      | 1067                     | 0.9973      |
|                       |                          |             |                          |             |                          |             |                          |             |                          |             |
| Geomean               |                          | 1.0107      |                          | 0.9950      |                          | 0.9814      |                          | 0.9809      |                          | 1.0049      |
|                       |                          |             |                          |             |                          |             |                          |             |                          |             |
| 2019                  | 7722                     |             | 956                      |             | 39                       |             | 3018                     |             | 1072                     |             |
| 2020                  | 7805                     |             | 951                      |             | 38                       |             | 2960                     |             | 1078                     |             |

In the section below, LDCs can adjust the computed customer count for the Bridge and Test Year for special cirumstance such as new subdivision or loss of customer or other utily specific re

| Adjusted |      |        |     |        |    |        |      |        |      |        |
|----------|------|--------|-----|--------|----|--------|------|--------|------|--------|
| 2019     | 7722 | 1.0107 | 956 | 0.9950 | 39 | 0.9814 | 3018 | 0.9809 | 1067 | 1.0000 |
| 2020     | 8116 | 1.0510 | 997 | 1.0431 | 37 | 0.9557 | 2960 | 0.9809 | 1117 | 1.0469 |

| 2009        | 2010        | 2011        | 2012        | 2013        | 2014        | 2015        | 2016        | 2017        | 2018        |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 22,987,104  | 22,354,360  | 24,115,298  | 22,052,705  | 22,920,544  | 24,988,491  | 24,303,546  | 22,812,626  | 21,467,581  | 24,569,280  |
| 19,424,317  | 19,369,190  | 20,297,021  | 19,253,687  | 20,421,552  | 22,046,480  | 23,231,362  | 20,613,292  | 19,505,517  | 21,339,234  |
| 19,614,992  | 17,817,164  | 20,388,880  | 18,691,828  | 20,297,290  | 23,041,535  | 21,902,978  | 19,595,000  | 21,065,920  | 21,499,910  |
| 15,956,765  | 15,080,478  | 16,787,441  | 16,804,334  | 18,263,961  | 18,510,176  | 17,767,380  | 17,806,355  | 17,169,201  | 19,888,071  |
| 14,665,955  | 14,208,350  | 14,836,681  | 15,281,965  | 15,457,378  | 16,410,299  | 15,576,646  | 15,620,269  | 16,857,589  | 16,896,990  |
| 13,271,680  | 13,451,483  | 13,770,982  | 14,520,600  | 14,409,566  | 13,841,155  | 14,364,571  | 15,053,727  | 15,263,333  | 16,335,115  |
| 13,988,931  | 14,579,290  | 15,000,914  | 15,389,288  | 15,764,667  | 15,069,489  | 15,194,721  | 15,175,029  | 15,899,251  | 17,644,004  |
| 14,159,438  | 14,712,385  | 15,300,139  | 15,013,994  | 15,264,028  | 15,429,842  | 15,927,099  | 14,040,928  | 15,367,347  | 18,345,159  |
| 13,346,643  | 14,166,773  | 14,579,577  | 14,838,751  | 15,271,378  | 14,760,249  | 15,311,739  | 14,592,632  | 14,966,550  | 17,579,532  |
| 16,635,187  | 15,675,463  | 15,943,427  | 16,507,660  | 17,048,823  | 17,103,906  | 15,644,030  | 16,660,127  | 16,411,904  | 20,524,534  |
| 16,270,441  | 17,211,489  | 17,412,418  | 18,152,744  | 19,410,046  | 19,716,721  | 17,358,760  | 17,571,648  | 19,237,914  | 22,392,942  |
| 21,609,772  | 21,828,875  | 20,832,960  | 21,164,636  | 24,133,258  | 21,926,505  | 19,854,052  | 21,508,613  | 24,068,888  | 24,072,380  |
| 201,931,225 | 200,455,300 | 209,265,738 | 207,672,192 | 218,662,491 | 222,844,848 | 216,436,884 | 211,050,246 | 217,280,995 | 241,087,151 |

| 2009       | 2010       | 2011       | 2012       | 2013       | 2014       | 2015       | 2016       | 2017       | 2018       |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
|            |            |            |            |            |            |            |            |            |            |
| 76,536,240 | 72,452,502 | 78,116,651 | 77,791,365 | 80,510,678 | 85,393,126 | 80,876,150 | 75,910,136 | 76,321,856 | 82,834,418 |
| 6,940      | 7,000      | 7,078      | 7,208      | 7,301      | 7,398      | 7,480      | 7,544      | 7,596      | 7,640      |
|            |            |            |            |            |            |            |            |            |            |
|            |            |            |            |            |            |            |            |            |            |
| 27,224,772 | 26,062,992 | 24,356,720 | 25,721,085 | 25,739,747 | 27,212,831 | 26,130,351 | 24,984,442 | 25,604,789 | 26,240,994 |
| 1,005      | 1,015      | 1,031      | 1,021      | 947        | 956        | 954        | 951        | 961        | 961        |

|                       |
|-----------------------|
|                       |
| <b>R2 GS&gt;50 kW</b> |
| Kwh                   |
| kW                    |
| Cust Count            |
|                       |
| <b>Seasonal</b>       |
| Kwh                   |
| Cust Count            |
|                       |
| <b>Street Lights</b>  |
| Kwh                   |
| kW                    |
| Cust Count            |
|                       |
|                       |
|                       |
|                       |
|                       |

|                  |
|------------------|
| <b>Total</b>     |
| Kwh              |
| kW               |
| Cust Count       |
| Connection Count |

|            |            |            |            |            |            |            |            |            |             |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
|            |            |            |            |            |            |            |            |            |             |
|            |            |            |            |            |            |            |            |            |             |
| 69,931,762 | 70,938,155 | 75,394,032 | 79,423,076 | 83,700,857 | 83,470,708 | 86,528,984 | 89,578,886 | 94,512,143 | 109,202,680 |
| 150,499    | 163,570    | 176,514    | 185,948    | 199,528    | 196,688    | 208,261    | 217,369    | 210,836    | 234,800     |
| 47         | 44         | 43         | 49         | 50         | 43         | 42         | 42         | 38         | 40          |
|            |            |            |            |            |            |            |            |            |             |
|            |            |            |            |            |            |            |            |            |             |
| 12,341,792 | 11,130,245 | 10,958,186 | 10,136,343 | 8,458,860  | 7,919,568  | 6,868,390  | 6,205,026  | 6,042,453  | 6,043,635   |
| 3,659      | 3,622      | 3,539      | 3,422      | 3,331      | 3,255      | 3,176      | 3,140      | 3,108      | 3,076       |
|            |            |            |            |            |            |            |            |            |             |
|            |            |            |            |            |            |            |            |            |             |
| 791,996    | 721,376    | 523,958    | 728,404    | 807,249    | 777,269    | 742,696    | 584,575    | 582,537    | 568,784     |
| 2,304      | 2,304      | 2,304      | 2,197      | 2,388      | 2,227      | 2,128      | 1,623      | 1,619      | 1,581       |
| 1,021      | 1,021      | 1,021      | 1,019      | 1,018      | 1,019      | 1,023      | 1,066      | 1,070      | 1,067       |
|            |            |            |            |            |            |            |            |            |             |
|            |            |            |            |            |            |            |            |            |             |
|            |            |            |            |            |            |            |            |            |             |
|            |            |            |            |            |            |            |            |            |             |
|            |            |            |            |            |            |            |            |            |             |
|            |            |            |            |            |            |            |            |            |             |

|             |             |             |             |             |             |             |             |             |             |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|             |             |             |             |             |             |             |             |             |             |
| 186,826,562 | 181,305,271 | 189,349,547 | 193,800,273 | 199,217,390 | 204,773,502 | 201,146,571 | 197,263,065 | 203,063,777 | 224,890,511 |
| 152,803     | 165,874     | 178,818     | 188,145     | 201,916     | 198,915     | 210,389     | 218,992     | 212,455     | 236,381     |
| 7,993       | 8,058       | 8,152       | 8,278       | 8,298       | 8,397       | 8,476       | 8,537       | 8,596       | 8,640       |
| 4,680       | 4,643       | 4,560       | 4,441       | 4,349       | 4,273       | 4,199       | 4,206       | 4,178       | 4,144       |

- Notes:**
- 1) "Metered" or Class consumption is monthly usage measured at the retail meter, unadjusted for losses (i.e., the retail consumption amount)
  - 2) Number of customers is defined as number of connections (i.e., meters). Add or delete rate classes as appropriate.

Consumption should reflect usage in the month, **not the month in which it was billed** (e.g what was used in January not what was billed in January, etc.).

| Adjustements to Wholesale Purchases |                                    |                |               |            |            |           |           |             |                             |
|-------------------------------------|------------------------------------|----------------|---------------|------------|------------|-----------|-----------|-------------|-----------------------------|
|                                     | Unadjusted Wholesale Purchases kWh | Richmont_Total | Dubreuilville | Bonifero   | Searchmont | TrapRock1 | TrapRock2 | Adjustments | Revised Wholesale Purchases |
| Jan-09                              | 22987104.00                        | 2,161,895.00   | 1,348,506.00  | 236,286.00 | 359,068.00 |           |           |             | 22987104.00                 |
| Feb-09                              | 19424317.00                        | 1,947,368.00   | 1,103,906.00  | 278,825.00 | 142,916.00 |           |           |             | 19424317.00                 |
| Mar-09                              | 19614992.00                        | 2,143,818.00   | 1,063,278.00  | 284,388.00 | 136,712.00 |           |           |             | 19614992.00                 |
| Apr-09                              | 15956765.00                        | 2,114,671.00   | 806,286.00    | 166,014.00 | 52,180.00  |           |           |             | 15956765.00                 |
| May-09                              | 14665955.00                        | 2,207,882.00   | 674,947.00    | 204,935.00 | 20,256.00  |           |           |             | 14665955.00                 |
| Jun-09                              | 13271680.00                        | 2,082,271.00   | 537,040.00    | 245,684.00 | 20,254.00  |           |           |             | 13271680.00                 |
| Jul-09                              | 13988931.00                        | 2,447,570.00   | 489,992.00    | 239,686.00 | 20,845.00  |           |           |             | 13988931.00                 |
| Aug-09                              | 14159438.00                        | 2,299,677.00   | 491,216.00    | 230,178.00 | 19,697.00  |           |           |             | 14159438.00                 |
| Sep-09                              | 13346643.00                        | 2,443,043.00   | 514,394.00    | 232,964.00 | 22,460.00  |           |           |             | 13346643.00                 |
| Oct-09                              | 16635187.00                        | 2,597,382.00   | 753,226.00    | 256,997.00 | 26,734.00  |           |           |             | 16635187.00                 |
| Nov-09                              | 16270441.00                        | 2,392,431.00   | 762,206.00    | 276,748.00 | 33,919.00  |           |           |             | 16270441.00                 |
| Dec-09                              | 21609772.00                        | 2,612,479.00   | 1,107,203.00  | 255,757.00 | 312,181.00 |           |           |             | 21609772.00                 |
| Jan-10                              | 22354360.00                        | 3,183,771.00   | 1,250,246.00  | 307,609.00 | 329,605.00 |           |           |             | 22354360.00                 |
| Feb-10                              | 19369190.00                        | 2,875,664.00   | 1,084,767.00  | 298,623.00 | 235,440.00 |           |           |             | 19369190.00                 |
| Mar-10                              | 17817164.00                        | 2,517,255.00   | 885,618.00    | 307,026.00 | 110,254.00 |           |           |             | 17817164.00                 |
| Apr-10                              | 15080478.00                        | 3,315,589.00   | 716,987.00    | 158,287.00 | 41,665.00  |           |           |             | 15080478.00                 |
| May-10                              | 14208350.00                        | 3,241,758.00   | 605,150.00    | 251,159.00 | 29,717.00  |           |           |             | 14208350.00                 |
| Jun-10                              | 13451483.00                        | 3,340,755.00   | 528,196.00    | 279,786.00 | 18,883.00  |           |           |             | 13451483.00                 |
| Jul-10                              | 14579290.00                        | 3,493,795.00   | 519,555.00    | 268,812.00 | 20,090.00  |           |           |             | 14579290.00                 |
| Aug-10                              | 14712385.00                        | 3,594,627.00   | 520,709.00    | 273,550.00 | 24,823.00  |           |           |             | 14712385.00                 |
| Sep-10                              | 14166773.00                        | 3,508,004.00   | 575,481.00    | 267,208.00 | 26,198.00  |           |           |             | 14166773.00                 |
| Oct-10                              | 15675463.00                        | 3,772,691.00   | 716,619.00    | 298,748.00 | 32,454.00  |           |           |             | 15675463.00                 |
| Nov-10                              | 17211489.00                        | 3,737,946.00   | 847,963.00    | 288,557.00 | 29,205.00  |           |           |             | 17211489.00                 |
| Dec-10                              | 21828875.00                        | 3,804,376.00   | 1,037,903.00  | 206,782.00 | 270,180.00 |           |           |             | 21828875.00                 |
| Jan-11                              | 24115298.00                        | 3,804,375.00   | 1,115,777.00  | 344,238.00 | 639,954.00 |           |           |             | 24115298.00                 |
| Feb-11                              | 20297021.00                        | 3,664,801.00   | 945,629.00    | 266,672.00 | 143,935.00 |           |           |             | 20297021.00                 |
| Mar-11                              | 20388880.00                        | 4,087,507.00   | 938,146.00    | 307,167.00 | 132,557.00 |           |           |             | 20388880.00                 |
| Apr-11                              | 16787441.00                        | 3,666,215.00   | 723,398.00    | 219,487.00 | 59,933.00  |           |           |             | 16787441.00                 |
| May-11                              | 14836681.00                        | 3,865,761.00   | 587,955.00    | 210,629.00 | 40,335.00  |           |           |             | 14836681.00                 |
| Jun-11                              | 13770982.00                        | 3,944,411.00   | 510,235.00    | 258,397.00 | 25,786.00  |           |           |             | 13770982.00                 |
| Jul-11                              | 15000914.00                        | 3,956,570.00   | 534,334.00    | 241,520.00 | 24,401.00  | 24103.57  | 221173.35 |             | 14755637.08                 |
| Aug-11                              | 15300139.00                        | 4,048,351.00   | 493,027.00    | 287,677.00 | 17,375.00  | 53332.43  | 469507.37 |             | 14777299.20                 |
| Sep-11                              | 14579577.00                        | 3,852,414.00   | 516,140.00    | 284,351.00 | 13,789.00  | 52904.92  | 426636.55 |             | 14100035.53                 |
| Oct-11                              | 15943427.00                        | 4,025,091.00   | 620,825.00    | 289,074.00 | 27,094.00  | 43679.55  | 404520.50 |             | 15495226.95                 |
| Nov-11                              | 17412418.00                        | 3,889,096.00   | 765,103.00    | 318,487.00 | 42,754.00  | 46948.80  | 425381.76 |             | 16940087.44                 |
| Dec-11                              | 20832960.00                        | 4,016,171.00   | 976,849.00    | 298,778.00 | 177,005.00 | 11344.37  | 124307.37 |             | 20697308.26                 |
| Jan-12                              | 22052705.00                        | 4,166,010.00   | 1,021,533.00  | 330,882.00 | 277,102.00 | 1261.56   | 23650.25  |             | 22027793.19                 |
| Feb-12                              | 19253687.00                        | 3,808,650.00   | 842,138.00    | 318,817.00 | 132,514.00 | 2502.15   | 35865.77  |             | 19215319.08                 |
| Mar-12                              | 18691828.00                        | 4,083,955.00   | 753,260.00    | 313,948.00 | 86,882.00  | 8227.58   | 249076.12 |             | 18434524.30                 |
| Apr-12                              | 16804334.00                        | 4,170,839.00   | 649,548.00    | 277,620.00 | 24,136.00  | 49081.52  | 404396.60 |             | 16350855.88                 |
| May-12                              | 15281965.00                        | 4,153,685.00   | 507,775.00    | 294,298.00 | 19,031.00  | 38417.94  | 462528.45 |             | 14781018.61                 |
| Jun-12                              | 14520600.00                        | 3,987,859.00   | 454,987.00    | 281,856.00 | 16,474.00  | 50641.53  | 398676.02 |             | 14071282.45                 |
| Jul-12                              | 15389288.00                        | 3,825,240.00   | 448,609.00    | 277,687.00 | 19,963.00  | 48207.14  | 442346.70 |             | 14898734.16                 |
| Aug-12                              | 15013994.00                        | 3,575,474.00   | 423,200.00    | 278,088.00 | 20,211.00  | 53332.43  | 469507.37 |             | 14491154.20                 |
| Sep-12                              | 14838751.00                        | 3,909,291.00   | 481,670.00    | 261,250.00 | 23,324.00  | 44596.68  | 414227.75 |             | 14379926.57                 |
| Oct-12                              | 16507660.00                        | 3,947,128.00   | 646,589.00    | 299,402.00 | 27,750.00  | 33700.79  | 446412.09 |             | 16027547.12                 |
| Nov-12                              | 18152744.00                        | 4,018,089.00   | 754,788.00    | 310,878.00 | 36,308.00  | 45152.00  | 452487.53 |             | 17655104.47                 |
| Dec-12                              | 21164636.00                        | 4,171,094.00   | 940,100.00    | 292,619.00 | 238,952.00 | 9471.53   | 60089.82  |             | 21095074.65                 |
| Jan-13                              | 22920544.00                        | 4,436,989.00   | 1,061,311.00  | 328,934.00 | 399,524.00 | 5946.40   | 24302.00  |             | 22890295.60                 |
| Feb-13                              | 20421552.00                        | 3,846,797.00   | 960,103.00    | 305,797.00 | 134,664.00 | 3010.30   | 25728.10  |             | 20392813.60                 |
| Mar-13                              | 20297290.00                        | 4,400,277.00   | 857,343.00    | 310,217.00 | 128,015.00 | 2652.20   | 25350.60  |             | 20269287.20                 |
| Apr-13                              | 18263961.00                        | 4,026,251.00   | 717,114.00    | 317,492.00 | 53,027.00  | 26145.90  | 278379.20 |             | 17959435.90                 |
| May-13                              | 15457378.00                        | 4,120,332.00   | 547,098.00    | 201,017.00 | 35,805.00  | 43402.90  | 448025.30 |             | 14965949.80                 |
| Jun-13                              | 14409566.00                        | 4,111,622.00   | 436,441.00    | 200,739.00 | 28,708.00  | 37603.20  | 420929.20 |             | 13951033.60                 |
| Jul-13                              | 15764667.00                        | 4,601,895.00   | 425,451.00    | 254,217.00 | 28,723.00  | 42825.30  | 479470.80 |             | 15242370.90                 |
| Aug-13                              | 15264028.00                        | 4,218,720.00   | 423,385.00    | 249,576.00 | 26,928.00  | 33700.80  | 446412.10 |             | 14783915.10                 |
| Sep-13                              | 15271378.00                        | 4,335,200.00   | 453,288.00    | 235,281.00 | 23,148.00  | 41002.40  | 464828.90 |             | 14765546.70                 |
| Oct-13                              | 17048823.00                        | 4,098,938.00   | 604,691.00    | 272,703.00 | 26,807.00  | 36303.00  | 449454.70 |             | 16563065.30                 |
| Nov-13                              | 19410046.00                        | 4,077,881.00   | 767,878.00    | 288,804.00 | 46,710.00  | 22406.40  | 413030.70 |             | 18974608.90                 |
| Dec-13                              | 24133258.00                        | 3,744,236.00   | 1,099,942.00  | 261,286.00 | 470,538.00 | 5512.50   | 26044.30  |             | 24101701.20                 |
| Jan-14                              | 24988491.00                        | 4,000,770.40   | 1,141,941.40  | 328,343.80 | 166,579.50 | 4947.80   | 13251.20  |             | 24970292.00                 |
| Feb-14                              | 22046480.00                        | 3,939,152.40   | 955,303.80    | 301,193.90 | 149,372.40 | 5414.10   | 23343.70  |             | 22017722.20                 |
| Mar-14                              | 23041535.00                        | 4,439,597.20   | 947,333.96    | 334,773.41 | 152,470.90 | 7762.96   | 29619.27  |             | 23004152.77                 |
| Apr-14                              | 18510176.00                        | 4,138,594.53   | 702,098.88    | 286,891.99 | 75,175.51  | 9498.82   | 143314.68 |             | 18357362.50                 |
| May-14                              | 16410299.00                        | 4,226,755.66   | 545,234.62    | 143,510.36 | 30,779.45  | 53864.80  | 417402.63 |             | 15939031.57                 |
| Jun-14                              | 13841155.00                        | 3,571,057.30   | 421,629.13    | 192,411.84 | 21,938.01  | 56073.34  | 426801.42 |             | 13358280.24                 |

| Variables Used |      |                             |            |               |             |            |
|----------------|------|-----------------------------|------------|---------------|-------------|------------|
| HDD            | CDD  | Ontario cost of electricity | Customer # | Days in month | Spring/Fall | Employment |
| 970.4          | 0    | 110.50                      | 11653      | 31            | 0.00        | 254.60     |
| 747.8          | 0    | 110.50                      | 11648      | 29            | 0.00        | 255.10     |
| 680.7          | 0    | 110.50                      | 11643      | 31            | 1.00        | 257.60     |
| 425.5          | 0    | 110.50                      | 11632      | 30            | 1.00        | 260.10     |
| 298.9          | 0    | 111.00                      | 11629      | 31            | 1.00        | 264.10     |
| 126.1          | 19.2 | 111.00                      | 11643      | 30            | 0.00        | 266.40     |
| 87.7           | 8    | 111.00                      | 11633      | 31            | 0.00        | 269.60     |
| 69.3           | 25.2 | 111.00                      | 11649      | 31            | 0.00        | 270.60     |
| 93.1           | 5    | 111.00                      | 11660      | 30            | 1.00        | 271.10     |
| 381.1          | 0    | 111.00                      | 11664      | 31            | 1.00        | 270.90     |
| 416.7          | 0    | 114.90                      | 11673      | 30            | 1.00        | 267.70     |
| 748.5          | 0    | 114.90                      | 11688      | 31            | 0.00        | 263.70     |
| 810.7          | 0    | 114.90                      | 11685      | 31            | 0.00        | 258.20     |
| 691.1          | 0    | 114.90                      | 11690      | 28            | 0.00        | 252.90     |
| 510.8          | 0    | 114.90                      | 11682      | 31            | 1.00        | 248.40     |
| 327.8          | 0.2  | 114.90                      | 11678      | 30            | 1.00        | 245.20     |
| 168            | 19   | 120.10                      | 11650      | 31            | 1.00        | 247.00     |
| 83.5           | 5.3  | 120.10                      | 11690      | 30            | 0.00        | 253.20     |
| 6.5            | 61.7 | 120.10                      | 11674      | 31            | 0.00        | 258.70     |
| 32.7           | 78.6 | 120.10                      | 11676      | 31            | 0.00        | 260.40     |
| 168.7          | 0    | 120.10                      | 11692      | 30            | 1.00        | 255.30     |
| 315.5          | 0    | 120.10                      | 11692      | 31            | 1.00        | 249.30     |
| 475.9          | 0    | 119.30                      | 11666      | 30            | 1.00        | 246.50     |
| 775.9          | 0    | 119.30                      | 11681      | 31            | 0.00        | 245.30     |
| 935            | 0    | 119.30                      | 11681      | 31            | 0.00        | 245.80     |
| 732.3          | 0    | 119.30                      | 11690      | 28            | 0.00        | 243.50     |
| 699.2          | 0    | 119.30                      | 11691      | 31            | 1.00        | 242.20     |
| 444.6          | 0    | 119.30                      | 11691      | 30            | 1.00        | 245.30     |
| 221.9          | 3.2  | 130.90                      | 11739      | 31            | 1.00        | 249.40     |
| 99.4           | 2.7  | 130.90                      | 11659      | 30            | 0.00        | 259.20     |
| 19.6           | 64.4 | 140.90                      | 11739      | 31            | 0.00        | 261.10     |
| 24.2           | 35.4 | 140.90                      | 11703      | 31            | 0.00        | 261.20     |
| 129.5          | 11   | 140.90                      | 11676      | 30            | 1.00        | 258.70     |
| 269.5          | 1.5  | 140.90                      | 11677      | 31            | 1.00        | 257.80     |
| 428.8          | 0    | 136.80                      | 11673      | 30            | 1.00        | 258.70     |
| 653.5          | 0    | 136.80                      | 11669      | 31            | 0.00        | 256.40     |
| 935            | 0    | 131.70                      | 11686      | 31            | 0.00        | 257.50     |
| 755.3          | 0    | 120.60                      | 11702      | 28            | 0.00        | 256.20     |
| 579.9          | 0    | 123.10                      | 11716      | 31            | 1.00        | 255.40     |
| 437.5          | 0    | 123.10                      | 11711      | 30            | 1.00        | 255.20     |
| 198.4          | 8.4  | 130.50                      | 11714      | 31            | 1.00        | 257.80     |
| 75.7           | 23.7 | 130.50                      | 11705      | 30            | 0.00        | 261.80     |
| 10.3           | 61.2 | 130.50                      | 11708      | 31            | 0.00        | 264.60     |
| 34.3           | 37.7 | 131.20                      | 11718      | 31            | 0.00        | 266.60     |
| 181.9          | 5.3  | 131.20                      | 11709      | 30            | 1.00        | 266.40     |
| 346.7          | 0    | 131.20                      | 11753      | 31            | 1.00        | 264.60     |
| 467.2          | 0    | 131.50                      | 11634      | 30            | 1.00        | 261.10     |
| 679.1          | 0    | 131.50                      | 11639      | 31            | 0.00        | 259.50     |
| 778.7          | 0    | 131.50                      | 11639      | 31            | 0.00        | 255.90     |
| 759.1          | 0    | 131.30                      | 11639      | 29            | 0.00        | 252.90     |
| 721.1          | 0    | 131.30                      | 11635      | 31            | 1.00        | 250.60     |
| 547.8          | 0    | 131.30                      | 11620      | 30            | 1.00        | 254.80     |
| 249.5          | 3    | 140.30                      | 11620      | 31            | 1.00        | 260.80     |
| 106.2          | 12.4 | 140.30                      | 11619      | 30            | 0.00        | 267.70     |
| 45             | 51.8 | 140.30                      | 11613      | 31            | 0.00        | 268.90     |
| 58.1           | 27.1 | 140.70                      | 11624      | 31            | 0.00        | 265.50     |
| 165.6          | 5.8  | 140.70                      | 11625      | 30            | 1.00        | 255.60     |
| 319            | 0    | 140.70                      | 11621      | 31            | 1.00        | 248.40     |
| 543.7          | 0    | 139.20                      | 11639      | 30            | 1.00        | 245.60     |
| 904.6          | 0    | 139.40                      | 11661      | 31            | 0.00        | 247.40     |
| 980.3          | 0    | 139.30                      | 11661      | 31            | 0.00        | 247.00     |
| 912            | 0    | 139.90                      | 11654      | 28            | 0.00        | 247.30     |
| 895            | 0    | 139.90                      | 11654      | 31            | 1.00        | 248.70     |
| 511.1          | 0    | 139.90                      | 11646      | 30            | 1.00        | 250.90     |
| 267.9          | 0.8  | 144.80                      | 11637      | 31            | 1.00        | 254.90     |
| 96.9           | 12   | 144.80                      | 11645      | 30            | 0.00        | 257.30     |

|        |             |              |              |            |            |          |           |  |             |
|--------|-------------|--------------|--------------|------------|------------|----------|-----------|--|-------------|
| Jul-14 | 15069489.00 | 3,991,235.74 | 401,596.43   | 267,162.75 | 22,789.54  | 46226.07 | 480061.26 |  | 14543201.67 |
| Aug-14 | 15429842.00 | 4,319,821.54 | 401,906.61   | 271,997.50 | 23,041.02  | 47910.30 | 481261.51 |  | 14900670.19 |
| Sep-14 | 14760249.00 | 3,918,597.04 | 459,565.02   | 261,992.28 | 27,084.98  | 44875.78 | 594550.38 |  | 14120822.84 |
| Oct-14 | 17103906.00 | 4,549,269.39 | 590,152.23   | 303,685.92 | 27,995.37  | 49592.92 | 440159.13 |  | 16614153.95 |
| Nov-14 | 19716721.00 | 4,606,915.54 | 767,808.48   | 283,815.85 | 87,647.03  | 48526.56 | 333891.13 |  | 19334303.31 |
| Dec-14 | 21926505.00 | 4,799,223.34 | 859,067.24   | 288,719.32 | 359,831.41 | 10547.43 | 137623.13 |  | 21778334.44 |
| Jan-15 | 24303546.00 | 4,728,512.40 | 1,005,713.82 | 324,086.12 | 430,091.68 | 1108.30  | 13457.73  |  | 24288979.97 |
| Feb-15 | 23231362.00 | 4,246,760.11 | 987,854.92   | 307,097.79 | 152,411.79 | 3215.21  | 29328.88  |  | 23198817.91 |
| Mar-15 | 21902978.00 | 4,835,696.55 | 871,105.63   | 310,575.78 | 140,154.96 | 8047.98  | 171200.43 |  | 21723729.59 |
| Apr-15 | 17767380.00 | 4,292,602.51 | 655,391.93   | 277,282.10 | 53,587.08  | 28113.23 | 440839.95 |  | 17298426.82 |
| May-15 | 15576646.00 | 4,415,199.85 | 491,528.39   | 181,131.97 | 27,642.69  | 61805.01 | 493175.52 |  | 15021665.47 |
| Jun-15 | 14364571.00 | 4,228,434.28 | 418,238.91   | 240,744.31 | 22,844.46  | 81455.57 | 505357.22 |  | 13777758.21 |
| Jul-15 | 15194721.00 | 4,592,387.20 | 401,229.71   | 231,024.73 | 23,522.64  | 56273.47 | 423843.29 |  | 14714604.24 |
| Aug-15 | 15927099.00 | 5,141,081.88 | 408,882.64   | 240,740.74 | 19,288.13  | 62396.75 | 451108.63 |  | 15413593.62 |
| Sep-15 | 15311739.00 | 5,159,404.62 | 425,246.38   | 256,965.87 | 22,898.02  | 58796.06 | 523894.02 |  | 14729048.92 |
| Oct-15 | 15644030.00 | 3,634,568.49 | 605,779.32   | 279,473.16 | 31,532.86  | 46864.03 | 474846.24 |  | 15122319.73 |
| Nov-15 | 17358760.00 | 4,797,960.22 | 661,080.83   | 288,191.97 | 40,622.54  | 42841.83 | 456559.10 |  | 16859359.07 |
| Dec-15 | 19854052.00 | 5,223,566.72 | 809,816.64   | 308,122.35 | 122,453.65 | 16252.53 | 178724.33 |  | 19659075.14 |
| Jan-16 | 22812626.00 | 5,429,041.45 | 962,353.83   | 325,672.17 | 477,243.60 | 12411.91 | 105462.30 |  | 22694751.79 |
| Feb-16 | 20613292.00 | 4,788,101.57 | 888,101.57   | 349,008.53 | 124,588.83 | 3185.66  | 38163.05  |  | 20571943.29 |
| Mar-16 | 19595000.00 | 5,174,147.95 | 814,102.22   | 359,201.83 | 93,783.83  | 5930.35  | 111356.99 |  | 19477712.66 |
| Apr-16 | 17806355.00 | 4,985,546.22 | 686,385.39   | 323,088.14 | 35,744.28  | 58442.64 | 400757.40 |  | 17347154.96 |
| May-16 | 15620269.00 | 4,957,955.37 | 522,251.64   | 267,072.44 | 21,925.56  | 70943.71 | 471694.62 |  | 15077630.67 |
| Jun-16 | 15053727.00 | 4,955,474.87 | 444,517.04   | 276,452.37 | 14,177.98  | 73798.65 | 662464.47 |  | 14317463.88 |
| Jul-16 | 15175029.00 | 4,465,784.67 | 453,545.18   | 263,694.83 | 13,480.80  | 52509.05 | 506316.97 |  | 14616202.98 |
| Aug-16 | 14040928.00 | 2,671,929.55 | 448,520.33   | 269,445.06 | 13,934.73  | 70488.15 | 718934.11 |  | 13251505.74 |
| Sep-16 | 14592632.00 | 4,711,371.14 | 444,268.03   | 274,561.08 | 15,644.13  | 46797.56 | 536198.93 |  | 14009635.51 |
| Oct-16 | 16660127.00 | 5,224,057.35 | 574,408.02   | 292,536.46 | 26,332.96  | 55099.72 | 516251.69 |  | 16088775.59 |
| Nov-16 | 17571648.00 | 5,098,747.48 | 684,103.60   | 321,875.64 | 35,512.39  | 46700.29 | 548675.69 |  | 16976272.02 |
| Dec-16 | 21508613.00 | 5,714,071.87 | 919,101.51   | 274,542.11 | 287,198.89 | 16252.53 | 46784.59  |  | 21445575.88 |
| Jan-17 | 21467580.56 | 5,726,686.87 | 925,170.85   | 313,079.98 | 306,115.76 | 3500.17  | 12966.36  |  | 21451114.03 |
| Feb-17 | 19505516.77 | 5,365,056.61 | 840,684.73   | 312,293.05 | 162,339.83 | 3102.98  | 27210.22  |  | 19475203.57 |
| Mar-17 | 21065920.00 | 5,898,824.83 | 850,273.57   | 361,413.31 | 121,345.98 | 5294.84  | 36301.91  |  | 21024323.25 |
| Apr-17 | 17169201.00 | 5,755,000.61 | 634,996.80   | 238,619.73 | 49,382.60  | 52517.15 | 140039.26 |  | 16976644.59 |
| May-17 | 16857588.60 | 5,366,863.71 | 566,528.99   | 269,351.68 | 32,252.87  | 75549.54 | 863840.21 |  | 15918198.85 |
| Jun-17 | 15263333.30 | 5,205,237.82 | 448,623.65   | 267,916.43 | 20,603.18  | 65556.46 | 714683.32 |  | 14483093.52 |
| Jul-17 | 15899251.47 | 5,100,293.10 | 436,475.03   | 255,739.11 | 24,299.26  | 64217.35 | 679513.01 |  | 15155521.11 |
| Aug-17 | 15367347.49 | 4,605,369.07 | 429,681.55   | 287,961.76 | 24,215.54  | 70781.59 | 696428.61 |  | 14600137.29 |
| Sep-17 | 14966550.43 | 4,815,685.69 | 454,364.86   | 272,660.23 | 24,961.42  | 57275.37 | 661018.36 |  | 14248256.70 |
| Oct-17 | 16411903.51 | 5,244,971.02 | 588,430.75   | 260,674.37 | 36,519.02  | 61428.89 | 568207.90 |  | 15782266.72 |
| Nov-17 | 19237914.30 | 5,479,727.51 | 795,157.10   | 322,267.81 | 61,137.33  | 51698.45 | 381293.27 |  | 18804922.58 |
| Dec-17 | 24068887.60 | 6,092,435.84 | 1,047,237.27 | 302,893.98 | 518,280.71 | 20023.44 | 52458.79  |  | 23996405.37 |
| Jan-18 | 24569279.80 | 6,109,783.64 | 1,064,919.16 | 358,405.33 | 407,026.38 | 7468.87  | 37556.72  |  | 24524254.21 |
| Feb-18 | 21339233.54 | 5,482,016.47 | 922,653.45   | 289,777.50 | 128,944.54 | 6528.57  | 44479.24  |  | 21288225.73 |
| Mar-18 | 21499910.47 | 6,348,748.90 | 875,307.50   | 327,562.49 | 124,083.15 | 7386.19  | 43431.95  |  | 21449092.33 |
| Apr-18 | 19888070.98 | 6,091,181.29 | 734,302.44   | 331,066.71 | 74,983.68  | 12337.33 | 265614.17 |  | 19610119.48 |
| May-18 | 16896990.01 | 6,013,303.16 | 525,103.65   | 297,234.37 | 20,575.56  | 68597.84 | 469810.79 |  | 16358581.38 |
| Jun-18 | 16335114.92 | 5,991,211.61 | 448,373.77   | 239,938.25 | 16,109.73  | 61853.64 | 823439.90 |  | 15449821.38 |
| Jul-18 | 17644004.33 | 6,149,103.52 | 448,361.67   | 284,603.93 | 15,111.79  | 60521.02 | 804517.26 |  | 16778966.05 |
| Aug-18 | 18345159.47 | 6,838,679.86 | 434,479.01   | 282,074.05 | 19,076.53  | 53413.68 | 857267.86 |  | 17434477.93 |
| Sep-18 | 17579532.20 | 6,672,634.39 | 469,355.99   | 263,896.34 | 16,604.91  | 46166.91 | 719365.35 |  | 16813999.94 |
| Oct-18 | 20524533.83 | 7,043,729.24 | 679,510.63   | 338,654.74 | 35,609.01  | 48477.12 | 775770.14 |  | 19700286.57 |
| Nov-18 | 22392942.08 | 7,142,090.68 | 842,976.88   | 344,625.62 | 285,852.12 | 29671.20 | 461639.94 |  | 21901630.94 |
| Dec-18 | 24072379.50 | 7,538,787.51 | 927,674.85   | 308,448.86 | 341,347.88 | 8238.94  | 43937.76  |  | 24020202.80 |

|        |      |        |       |    |      |        |
|--------|------|--------|-------|----|------|--------|
| 88.1   | 6.4  | 144.80 | 11645 | 31 | 0.00 | 259.20 |
| 63.4   | 13.5 | 144.80 | 11655 | 31 | 0.00 | 258.20 |
| 158.2  | 1.4  | 144.80 | 11646 | 30 | 1.00 | 253.80 |
| 341    | 0    | 144.80 | 11659 | 31 | 1.00 | 253.60 |
| 616.1  | 0    | 150.50 | 11657 | 30 | 1.00 | 252.50 |
| 691.4  | 0    | 150.50 | 11659 | 31 | 0.00 | 255.00 |
| 957.5  | 0    | 151.40 | 11659 | 31 | 0.00 | 251.90 |
| 1015.2 | 0    | 151.30 | 11653 | 28 | 0.00 | 250.10 |
| 786.6  | 0    | 151.50 | 11642 | 31 | 1.00 | 247.30 |
| 474.4  | 0    | 151.70 | 11632 | 30 | 1.00 | 247.50 |
| 242.9  | 1.1  | 156.50 | 11648 | 31 | 1.00 | 250.60 |
| 141.8  | 0.4  | 156.50 | 11644 | 30 | 0.00 | 257.10 |
| 52.6   | 29.2 | 156.50 | 11652 | 31 | 0.00 | 262.80 |
| 37.5   | 35.6 | 156.50 | 11654 | 31 | 0.00 | 263.60 |
| 75.5   | 31.4 | 156.50 | 11658 | 30 | 1.00 | 261.00 |
| 331.2  | 0    | 156.50 | 11660 | 31 | 1.00 | 260.30 |
| 413    | 0    | 159.00 | 11660 | 30 | 1.00 | 260.90 |
| 541.2  | 0    | 159.00 | 11660 | 31 | 0.00 | 261.60 |
| 794.2  | 0    | 159.00 | 11673 | 31 | 0.00 | 257.10 |
| 731.2  | 0    | 159.90 | 11668 | 28 | 0.00 | 252.00 |
| 588.8  | 0    | 159.90 | 11670 | 31 | 1.00 | 247.10 |
| 499.7  | 0    | 159.90 | 11669 | 30 | 1.00 | 245.10 |
| 241.2  | 3.5  | 167.70 | 11671 | 31 | 1.00 | 246.40 |
| 116.8  | 8.6  | 167.70 | 11665 | 30 | 0.00 | 249.90 |
| 27.2   | 44.2 | 167.70 | 11670 | 31 | 0.00 | 253.60 |
| 17.1   | 51.7 | 167.90 | 11677 | 31 | 0.00 | 253.00 |
| 65.1   | 12.8 | 167.90 | 11679 | 30 | 1.00 | 251.80 |
| 277.4  | 0    | 167.90 | 11680 | 31 | 1.00 | 249.70 |
| 391.5  | 0    | 173.20 | 11694 | 30 | 1.00 | 248.40 |
| 689.8  | 0    | 173.20 | 11707 | 31 | 0.00 | 243.60 |
| 710.9  | 0    | 185.10 | 11705 | 31 | 0.00 | 239.50 |
| 638.7  | 0    | 185.00 | 11705 | 29 | 0.00 | 237.50 |
| 706.2  | 0    | 187.80 | 11705 | 31 | 1.00 | 239.10 |
| 392.1  | 0    | 187.80 | 11706 | 30 | 1.00 | 241.80 |
| 273.8  | 0    | 193.50 | 11687 | 31 | 1.00 | 246.60 |
| 104.1  | 3.5  | 193.50 | 11681 | 30 | 0.00 | 252.70 |
| 42     | 13.8 | 193.50 | 11698 | 31 | 0.00 | 258.20 |
| 55.5   | 9.2  | 193.50 | 11698 | 31 | 0.00 | 257.90 |
| 112.7  | 33.3 | 193.50 | 11707 | 30 | 1.00 | 253.70 |
| 266.3  | 1.9  | 193.50 | 11712 | 31 | 1.00 | 251.00 |
| 497.4  | 0    | 192.60 | 11718 | 30 | 1.00 | 248.80 |
| 849.9  | 0    | 192.60 | 11724 | 31 | 0.00 | 245.70 |
| 860.4  | 0    | 178.70 | 11725 | 31 | 0.00 | 240.40 |
| 769    | 0    | 178.30 | 11725 | 28 | 0.00 | 236.50 |
| 737.7  | 0    | 178.30 | 11721 | 31 | 1.00 | 234.90 |
| 585.9  | 0    | 178.30 | 11721 | 30 | 1.00 | 235.90 |
| 214    | 5.6  | 162.30 | 11697 | 31 | 1.00 | 239.90 |
| 104.5  | 17.1 | 162.30 | 11711 | 30 | 0.00 | 247.80 |
| 19.6   | 59.6 | 144.10 | 11710 | 31 | 0.00 | 253.30 |
| 24.6   | 45.5 | 144.10 | 11708 | 31 | 0.00 | 254.50 |
| 135    | 22.5 | 144.10 | 11719 | 30 | 1.00 | 252.40 |
| 376.4  | 0    | 144.10 | 11716 | 31 | 1.00 | 251.10 |
| 604.1  | 0    | 144.00 | 11726 | 30 | 1.00 | 250.90 |
| 686.6  | 0    | 144.00 | 11723 | 31 | 0.00 | 246.70 |

Origine of variables  
HDD: Stats Canada  
CDD :Stats Canada  
Winter:  
Employment:  
Cust count:  
Ontario cost of electricity

| Include       | ON     | ON    | OFF            | OFF        | OFF           | ON          | ON         |
|---------------|--------|-------|----------------|------------|---------------|-------------|------------|
| WS ?          | HDD    | CDD   | o cost of elec | Customer # | Days in month | Spring/Fall | Employment |
| 22,987,104.00 | 970.40 | 0.00  | 110.50         | 11,653.00  | 31.00         | 0.00        | 254.60     |
| 19,424,316.00 | 747.80 | 0.00  | 110.50         | 11,648.00  | 29.00         | 0.00        | 255.10     |
| 19,614,992.00 | 680.70 | 0.00  | 110.50         | 11,643.00  | 31.00         | 1.00        | 257.60     |
| 15,956,765.00 | 425.50 | 0.00  | 110.50         | 11,632.00  | 30.00         | 1.00        | 260.10     |
| 14,665,955.00 | 298.90 | 0.00  | 111.00         | 11,629.00  | 31.00         | 1.00        | 264.10     |
| 13,271,680.00 | 126.10 | 19.20 | 111.00         | 11,643.00  | 30.00         | 0.00        | 266.40     |
| 13,988,931.00 | 87.70  | 8.00  | 111.00         | 11,633.00  | 31.00         | 0.00        | 269.60     |
| 14,159,438.00 | 69.30  | 25.20 | 111.00         | 11,649.00  | 31.00         | 0.00        | 270.60     |
| 13,346,643.00 | 93.10  | 5.00  | 111.00         | 11,660.00  | 30.00         | 1.00        | 271.10     |
| 16,635,187.00 | 381.10 | 0.00  | 111.00         | 11,664.00  | 31.00         | 1.00        | 270.90     |
| 16,270,441.00 | 416.70 | 0.00  | 114.90         | 11,673.00  | 30.00         | 1.00        | 267.70     |
| 21,609,772.00 | 748.50 | 0.00  | 114.90         | 11,688.00  | 31.00         | 0.00        | 263.70     |
| 22,354,360.00 | 810.70 | 0.00  | 114.90         | 11,685.00  | 31.00         | 0.00        | 258.20     |
| 19,369,190.00 | 691.10 | 0.00  | 114.90         | 11,690.00  | 28.00         | 0.00        | 252.90     |
| 17,817,164.00 | 510.80 | 0.00  | 114.90         | 11,682.00  | 31.00         | 1.00        | 248.40     |
| 15,080,478.00 | 327.80 | 0.20  | 114.90         | 11,678.00  | 30.00         | 1.00        | 245.20     |
| 14,208,350.00 | 168.00 | 19.00 | 120.10         | 11,650.00  | 31.00         | 1.00        | 247.00     |
| 13,451,483.00 | 83.50  | 5.30  | 120.10         | 11,690.00  | 30.00         | 0.00        | 253.20     |
| 14,579,290.00 | 6.50   | 61.70 | 120.10         | 11,674.00  | 31.00         | 0.00        | 258.70     |
| 14,712,385.00 | 32.70  | 78.60 | 120.10         | 11,676.00  | 31.00         | 0.00        | 260.40     |
| 14,166,773.00 | 168.70 | 0.00  | 120.10         | 11,692.00  | 30.00         | 1.00        | 255.30     |
| 15,675,463.00 | 315.50 | 0.00  | 120.10         | 11,692.00  | 31.00         | 1.00        | 249.30     |
| 17,211,488.00 | 475.90 | 0.00  | 119.30         | 11,666.00  | 30.00         | 1.00        | 246.50     |
| 21,828,876.00 | 775.90 | 0.00  | 119.30         | 11,681.00  | 31.00         | 0.00        | 245.30     |
| 24,115,298.00 | 935.00 | 0.00  | 119.30         | 11,681.00  | 31.00         | 0.00        | 245.80     |
| 20,297,020.00 | 732.30 | 0.00  | 119.30         | 11,690.00  | 28.00         | 0.00        | 243.50     |
| 20,388,880.00 | 699.20 | 0.00  | 119.30         | 11,691.00  | 31.00         | 1.00        | 242.20     |
| 16,787,440.00 | 444.60 | 0.00  | 119.30         | 11,691.00  | 30.00         | 1.00        | 245.30     |
| 14,836,681.00 | 221.90 | 3.20  | 130.90         | 11,739.00  | 31.00         | 1.00        | 249.40     |
| 13,770,982.00 | 99.40  | 2.70  | 130.90         | 11,659.00  | 30.00         | 0.00        | 259.20     |
| 14,755,637.00 | 19.60  | 64.40 | 140.90         | 11,739.00  | 31.00         | 0.00        | 261.10     |
| 14,777,299.00 | 24.20  | 35.40 | 140.90         | 11,703.00  | 31.00         | 0.00        | 261.20     |
| 14,100,036.00 | 129.50 | 11.00 | 140.90         | 11,676.00  | 30.00         | 1.00        | 258.70     |
| 15,495,227.00 | 269.50 | 1.50  | 140.90         | 11,677.00  | 31.00         | 1.00        | 257.80     |
| 16,940,088.00 | 428.80 | 0.00  | 136.80         | 11,673.00  | 30.00         | 1.00        | 258.70     |
| 20,697,308.00 | 653.50 | 0.00  | 136.80         | 11,669.00  | 31.00         | 0.00        | 256.40     |
| 22,027,794.00 | 935.00 | 0.00  | 131.70         | 11,686.00  | 31.00         | 0.00        | 257.50     |
| 19,215,320.00 | 755.30 | 0.00  | 120.60         | 11,702.00  | 28.00         | 0.00        | 256.20     |
| 18,434,524.00 | 579.90 | 0.00  | 123.10         | 11,716.00  | 31.00         | 1.00        | 255.40     |
| 16,350,856.00 | 437.50 | 0.00  | 123.10         | 11,711.00  | 30.00         | 1.00        | 255.20     |
| 14,781,019.00 | 198.40 | 8.40  | 130.50         | 11,714.00  | 31.00         | 1.00        | 257.80     |
| 14,071,282.00 | 75.70  | 23.70 | 130.50         | 11,705.00  | 30.00         | 0.00        | 261.80     |
| 14,898,734.00 | 10.30  | 61.20 | 130.50         | 11,708.00  | 31.00         | 0.00        | 264.60     |
| 14,491,154.00 | 34.30  | 37.70 | 131.20         | 11,718.00  | 31.00         | 0.00        | 266.60     |
| 14,379,927.00 | 181.90 | 5.30  | 131.20         | 11,709.00  | 30.00         | 1.00        | 266.40     |
| 16,027,547.00 | 346.70 | 0.00  | 131.20         | 11,753.00  | 31.00         | 1.00        | 264.60     |
| 17,655,104.00 | 467.20 | 0.00  | 131.50         | 11,634.00  | 30.00         | 1.00        | 261.10     |
| 21,095,074.00 | 679.10 | 0.00  | 131.50         | 11,639.00  | 31.00         | 0.00        | 259.50     |
| 22,890,296.00 | 778.70 | 0.00  | 131.50         | 11,639.00  | 31.00         | 0.00        | 255.90     |
| 20,392,814.00 | 759.10 | 0.00  | 131.30         | 11,639.00  | 29.00         | 0.00        | 252.90     |
| 20,269,288.00 | 721.10 | 0.00  | 131.30         | 11,635.00  | 31.00         | 1.00        | 250.60     |
| 17,959,436.00 | 547.80 | 0.00  | 131.30         | 11,620.00  | 30.00         | 1.00        | 254.80     |
| 14,965,950.00 | 249.50 | 3.00  | 140.30         | 11,620.00  | 31.00         | 1.00        | 260.80     |
| 13,951,034.00 | 106.20 | 12.40 | 140.30         | 11,619.00  | 30.00         | 0.00        | 267.70     |
| 15,242,371.00 | 45.00  | 51.80 | 140.30         | 11,613.00  | 31.00         | 0.00        | 268.90     |
| 14,783,915.00 | 58.10  | 27.10 | 140.70         | 11,624.00  | 31.00         | 0.00        | 265.50     |
| 14,765,547.00 | 165.60 | 5.80  | 140.70         | 11,625.00  | 30.00         | 1.00        | 255.60     |
| 16,563,065.00 | 319.00 | 0.00  | 140.70         | 11,621.00  | 31.00         | 1.00        | 248.40     |
| 18,974,608.00 | 543.70 | 0.00  | 139.20         | 11,639.00  | 30.00         | 1.00        | 245.60     |
| 24,101,702.00 | 904.60 | 0.00  | 139.40         | 11,661.00  | 31.00         | 0.00        | 247.40     |
| 24,970,292.00 | 980.30 | 0.00  | 139.30         | 11,661.00  | 31.00         | 0.00        | 247.00     |
| 22,017,722.00 | 912.00 | 0.00  | 139.90         | 11,654.00  | 28.00         | 0.00        | 247.30     |
| 23,004,152.00 | 895.00 | 0.00  | 139.90         | 11,654.00  | 31.00         | 1.00        | 248.70     |

| Include       | ON       | ON    | OFF            | OFF        | OFF           | ON          | ON         |
|---------------|----------|-------|----------------|------------|---------------|-------------|------------|
| WS ?          | HDD      | CDD   | o cost of elec | Customer # | Days in month | Spring/Fall | Employment |
| 18,357,362.00 | 511.10   | 0.00  | 139.90         | 11,646.00  | 30.00         | 1.00        | 250.90     |
| 15,939,032.00 | 267.90   | 0.80  | 144.80         | 11,637.00  | 31.00         | 1.00        | 254.90     |
| 13,358,280.00 | 96.90    | 12.00 | 144.80         | 11,645.00  | 30.00         | 0.00        | 257.30     |
| 14,543,202.00 | 88.10    | 6.40  | 144.80         | 11,645.00  | 31.00         | 0.00        | 259.20     |
| 14,900,670.00 | 63.40    | 13.50 | 144.80         | 11,655.00  | 31.00         | 0.00        | 258.20     |
| 14,120,823.00 | 158.20   | 1.40  | 144.80         | 11,646.00  | 30.00         | 1.00        | 253.80     |
| 16,614,154.00 | 341.00   | 0.00  | 144.80         | 11,659.00  | 31.00         | 1.00        | 253.60     |
| 19,334,304.00 | 616.10   | 0.00  | 150.50         | 11,657.00  | 30.00         | 1.00        | 252.50     |
| 21,778,334.00 | 691.40   | 0.00  | 150.50         | 11,659.00  | 31.00         | 0.00        | 255.00     |
| 24,288,980.00 | 957.50   | 0.00  | 151.40         | 11,659.00  | 31.00         | 0.00        | 251.90     |
| 23,198,818.00 | 1,015.20 | 0.00  | 151.30         | 11,653.00  | 28.00         | 0.00        | 250.10     |
| 21,723,730.00 | 786.60   | 0.00  | 151.50         | 11,642.00  | 31.00         | 1.00        | 247.30     |
| 17,298,426.00 | 474.40   | 0.00  | 151.70         | 11,632.00  | 30.00         | 1.00        | 247.50     |
| 15,021,665.00 | 242.90   | 1.10  | 156.50         | 11,648.00  | 31.00         | 1.00        | 250.60     |
| 13,777,758.00 | 141.80   | 0.40  | 156.50         | 11,644.00  | 30.00         | 0.00        | 257.10     |
| 14,714,604.00 | 52.60    | 29.20 | 156.50         | 11,652.00  | 31.00         | 0.00        | 262.80     |
| 15,413,594.00 | 37.50    | 35.60 | 156.50         | 11,654.00  | 31.00         | 0.00        | 263.60     |
| 14,729,049.00 | 75.50    | 31.40 | 156.50         | 11,658.00  | 30.00         | 1.00        | 261.00     |
| 15,122,320.00 | 331.20   | 0.00  | 156.50         | 11,660.00  | 31.00         | 1.00        | 260.30     |
| 16,859,360.00 | 413.00   | 0.00  | 159.00         | 11,660.00  | 30.00         | 1.00        | 260.90     |
| 19,659,076.00 | 541.20   | 0.00  | 159.00         | 11,660.00  | 31.00         | 0.00        | 261.60     |
| 22,694,752.00 | 794.20   | 0.00  | 159.00         | 11,673.00  | 31.00         | 0.00        | 257.10     |
| 20,571,944.00 | 731.20   | 0.00  | 159.90         | 11,668.00  | 28.00         | 0.00        | 252.00     |
| 19,477,712.00 | 588.80   | 0.00  | 159.90         | 11,670.00  | 31.00         | 1.00        | 247.10     |
| 17,347,154.00 | 499.70   | 0.00  | 159.90         | 11,669.00  | 30.00         | 1.00        | 245.10     |
| 15,077,631.00 | 241.20   | 3.50  | 167.70         | 11,671.00  | 31.00         | 1.00        | 246.40     |
| 14,317,464.00 | 116.80   | 8.60  | 167.70         | 11,665.00  | 30.00         | 0.00        | 249.90     |
| 14,616,203.00 | 27.20    | 44.20 | 167.70         | 11,670.00  | 31.00         | 0.00        | 253.60     |
| 13,251,506.00 | 17.10    | 51.70 | 167.90         | 11,677.00  | 31.00         | 0.00        | 253.00     |
| 14,009,636.00 | 65.10    | 12.80 | 167.90         | 11,679.00  | 30.00         | 1.00        | 251.80     |
| 16,088,776.00 | 277.40   | 0.00  | 167.90         | 11,680.00  | 31.00         | 1.00        | 249.70     |
| 16,976,272.00 | 391.50   | 0.00  | 173.20         | 11,694.00  | 30.00         | 1.00        | 248.40     |
| 21,445,576.00 | 689.80   | 0.00  | 173.20         | 11,707.00  | 31.00         | 0.00        | 243.60     |
| 21,451,114.00 | 710.90   | 0.00  | 185.10         | 11,705.00  | 31.00         | 0.00        | 239.50     |
| 19,475,204.00 | 638.70   | 0.00  | 185.00         | 11,705.00  | 29.00         | 0.00        | 237.50     |
| 21,024,324.00 | 706.20   | 0.00  | 187.80         | 11,705.00  | 31.00         | 1.00        | 239.10     |
| 16,976,644.00 | 392.10   | 0.00  | 187.80         | 11,706.00  | 30.00         | 1.00        | 241.80     |
| 15,918,199.00 | 273.80   | 0.00  | 193.50         | 11,687.00  | 31.00         | 1.00        | 246.60     |
| 14,483,094.00 | 104.10   | 3.50  | 193.50         | 11,681.00  | 30.00         | 0.00        | 252.70     |
| 15,155,521.00 | 42.00    | 13.80 | 193.50         | 11,698.00  | 31.00         | 0.00        | 258.20     |
| 14,600,137.00 | 55.50    | 9.20  | 193.50         | 11,698.00  | 31.00         | 0.00        | 257.90     |
| 14,248,257.00 | 112.70   | 33.30 | 193.50         | 11,707.00  | 30.00         | 1.00        | 253.70     |
| 15,782,267.00 | 266.30   | 1.90  | 193.50         | 11,712.00  | 31.00         | 1.00        | 251.00     |
| 18,804,924.00 | 497.40   | 0.00  | 192.60         | 11,718.00  | 30.00         | 1.00        | 248.80     |
| 23,996,404.00 | 849.90   | 0.00  | 192.60         | 11,724.00  | 31.00         | 0.00        | 245.70     |
| 24,524,254.00 | 860.40   | 0.00  | 178.70         | 11,725.00  | 31.00         | 0.00        | 240.40     |
| 21,288,226.00 | 769.00   | 0.00  | 178.30         | 11,725.00  | 28.00         | 0.00        | 236.50     |
| 21,449,092.00 | 737.70   | 0.00  | 178.30         | 11,721.00  | 31.00         | 1.00        | 234.90     |
| 19,610,120.00 | 585.90   | 0.00  | 178.30         | 11,721.00  | 30.00         | 1.00        | 235.90     |
| 16,358,581.00 | 214.00   | 5.60  | 162.30         | 11,697.00  | 31.00         | 1.00        | 239.90     |
| 15,449,821.00 | 104.50   | 17.10 | 162.30         | 11,711.00  | 30.00         | 0.00        | 247.80     |
| 16,778,966.00 | 19.60    | 59.60 | 144.10         | 11,710.00  | 31.00         | 0.00        | 253.30     |
| 17,434,478.00 | 24.60    | 45.50 | 144.10         | 11,708.00  | 31.00         | 0.00        | 254.50     |
| 16,814,000.00 | 135.00   | 22.50 | 144.10         | 11,719.00  | 30.00         | 1.00        | 252.40     |
| 19,700,288.00 | 376.40   | 0.00  | 144.10         | 11,716.00  | 31.00         | 1.00        | 251.10     |
| 21,901,632.00 | 604.10   | 0.00  | 144.00         | 11,726.00  | 30.00         | 1.00        | 250.90     |
| 24,020,204.00 | 686.60   | 0.00  | 144.00         | 11,723.00  | 31.00         | 0.00        | 246.70     |



|                      |                    |                 |                 |                   |                  |
|----------------------|--------------------|-----------------|-----------------|-------------------|------------------|
| <b>Coefficients:</b> | <b>21906871.73</b> | <b>10936.54</b> | <b>34152.58</b> | <b>-610646.87</b> | <b>-34494.86</b> |
| Actual WS            | Predicted WS       | HDD avg         | CDD avg         | Spring/F avg      | Employn avg      |
| 22987104.00          | 23737299.41        | 970.40          | 0.00            | 0.00              | 254.60           |
| 19424316.00          | 21285577.88        | 747.80          | 0.00            | 0.00              | 255.10           |
| 19614992.00          | 19854852.34        | 680.70          | 0.00            | 1.00              | 257.60           |
| 15956765.00          | 16977610.17        | 425.50          | 0.00            | 1.00              | 260.10           |
| 14665955.00          | 15455064.77        | 298.90          | 0.00            | 1.00              | 264.10           |
| 13271680.00          | 14752269.43        | 126.10          | 19.20           | 0.00              | 266.40           |
| 13988931.00          | 13839413.44        | 87.70           | 8.00            | 0.00              | 269.60           |
| 14159438.00          | 14191110.68        | 69.30           | 25.20           | 0.00              | 270.60           |
| 13346643.00          | 13133623.88        | 93.10           | 5.00            | 1.00              | 271.10           |
| 16635187.00          | 16119483.86        | 381.10          | 0.00            | 1.00              | 270.90           |
| 16270441.00          | 16619207.64        | 416.70          | 0.00            | 1.00              | 267.70           |
| 21609772.00          | 20996577.62        | 748.50          | 0.00            | 0.00              | 263.70           |
| 22354360.00          | 21866552.22        | 810.70          | 0.00            | 0.00              | 258.20           |
| 19369190.00          | 20741365.06        | 691.10          | 0.00            | 0.00              | 252.90           |
| 17817164.00          | 18314087.10        | 510.80          | 0.00            | 1.00              | 248.40           |
| 15080478.00          | 16429914.31        | 327.80          | 0.20            | 1.00              | 245.20           |
| 14208350.00          | 15262233.04        | 168.00          | 19.00           | 1.00              | 247.00           |
| 13451483.00          | 14266984.01        | 83.50           | 5.30            | 0.00              | 253.20           |
| 14579290.00          | 15161353.63        | 6.50            | 61.70           | 0.00              | 258.70           |
| 14712385.00          | 15966428.84        | 32.70           | 78.60           | 0.00              | 260.40           |
| 14166773.00          | 14334682.20        | 168.70          | 0.00            | 1.00              | 255.30           |
| 15675463.00          | 16147135.37        | 315.50          | 0.00            | 1.00              | 249.30           |
| 17211489.00          | 17997941.95        | 475.90          | 0.00            | 1.00              | 246.50           |
| 21828876.00          | 21930944.74        | 775.90          | 0.00            | 0.00              | 245.30           |
| 24115298.00          | 23653700.48        | 935.00          | 0.00            | 0.00              | 245.80           |
| 20297020.00          | 21516202.06        | 732.30          | 0.00            | 0.00              | 243.50           |
| 20388880.00          | 20588399.42        | 699.20          | 0.00            | 1.00              | 242.20           |
| 16787440.00          | 17697022.12        | 444.60          | 0.00            | 1.00              | 245.30           |
| 14836681.00          | 15229314.29        | 221.90          | 3.20            | 1.00              | 249.40           |
| 13770982.00          | 14145108.63        | 99.40           | 2.70            | 0.00              | 259.20           |
| 14755637.00          | 15314046.85        | 19.60           | 64.40           | 0.00              | 261.10           |
| 14777299.00          | 14370480.48        | 24.20           | 35.40           | 0.00              | 261.20           |
| 14100036.00          | 14164365.41        | 129.50          | 11.00           | 1.00              | 258.70           |
| 15495227.00          | 15402077.67        | 269.50          | 1.50            | 1.00              | 257.80           |
| 16940088.00          | 17061993.21        | 428.80          | 0.00            | 1.00              | 258.70           |
| 20697308.00          | 20209419.44        | 653.50          | 0.00            | 0.00              | 256.40           |
| 22027794.00          | 23250110.77        | 935.00          | 0.00            | 0.00              | 257.50           |
| 19215320.00          | 21329657.37        | 755.30          | 0.00            | 0.00              | 256.20           |
| 18434524.00          | 18828338.39        | 579.90          | 0.00            | 1.00              | 255.40           |
| 16350856.00          | 17277873.76        | 437.50          | 0.00            | 1.00              | 255.20           |
| 14781019.00          | 14860142.42        | 198.40          | 8.40            | 1.00              | 257.80           |
| 14071282.00          | 14513430.97        | 75.70           | 23.70           | 0.00              | 261.80           |
| 14898734.00          | 14982316.76        | 10.30           | 61.20           | 0.00              | 264.60           |
| 14491154.00          | 14373218.40        | 34.30           | 37.70           | 0.00              | 266.60           |
| 14379927.00          | 14277160.57        | 181.90          | 5.30            | 1.00              | 266.40           |
| 16027547.00          | 15960584.14        | 346.70          | 0.00            | 1.00              | 264.60           |
| 17655104.00          | 17399169.15        | 467.20          | 0.00            | 1.00              | 261.10           |
| 21095074.00          | 20382460.32        | 679.10          | 0.00            | 0.00              | 259.50           |
| 22890296.00          | 21595921.76        | 778.70          | 0.00            | 0.00              | 255.90           |
| 20392814.00          | 21485049.75        | 759.10          | 0.00            | 0.00              | 252.90           |
| 20269288.00          | 20538152.13        | 721.10          | 0.00            | 1.00              | 250.60           |
| 17959436.00          | 18497971.67        | 547.80          | 0.00            | 1.00              | 254.80           |
| 14965950.00          | 15131091.18        | 249.50          | 3.00            | 1.00              | 260.80           |
| 13951034.00          | 14257550.76        | 106.20          | 12.40           | 0.00              | 267.70           |
| 15242371.00          | 14892452.93        | 45.00           | 51.80           | 0.00              | 268.90           |
| 14783915.00          | 14309435.25        | 58.10           | 27.10           | 0.00              | 265.50           |

|                      |                    |                 |                 |                   |                  |
|----------------------|--------------------|-----------------|-----------------|-------------------|------------------|
| <b>Coefficients:</b> | <b>21906871.73</b> | <b>10936.54</b> | <b>34152.58</b> | <b>-610646.87</b> | <b>-34494.86</b> |
| Actual WS            | Predicted WS       | HDD avg         | CDD avg         | Spring/F avg      | Employn avg      |
| 14765547.00          | 14488515.42        | 165.60          | 5.80            | 1.00              | 255.60           |
| 16563065.00          | 16216458.95        | 319.00          | 0.00            | 1.00              | 248.40           |
| 18974608.00          | 18770484.69        | 543.70          | 0.00            | 1.00              | 245.60           |
| 24101702.00          | 23266037.96        | 904.60          | 0.00            | 0.00              | 247.40           |
| 24970292.00          | 24107731.87        | 980.30          | 0.00            | 0.00              | 247.00           |
| 22017722.00          | 23350417.79        | 912.00          | 0.00            | 0.00              | 247.30           |
| 23004152.00          | 22505557.16        | 895.00          | 0.00            | 1.00              | 248.70           |
| 18357362.00          | 18231131.12        | 511.10          | 0.00            | 1.00              | 250.90           |
| 15939032.00          | 15460707.21        | 267.90          | 0.80            | 1.00              | 254.90           |
| 13358280.00          | 14500927.32        | 96.90           | 12.00           | 0.00              | 257.30           |
| 14543202.00          | 14147890.24        | 88.10           | 6.40            | 0.00              | 259.20           |
| 14900670.00          | 14154735.90        | 63.40           | 13.50           | 0.00              | 258.20           |
| 14120823.00          | 14319404.43        | 158.20          | 1.40            | 1.00              | 253.80           |
| 16614154.00          | 16277689.14        | 341.00          | 0.00            | 1.00              | 253.60           |
| 19334304.00          | 19324275.46        | 616.10          | 0.00            | 1.00              | 252.50           |
| 21778334.00          | 20672207.15        | 691.40          | 0.00            | 0.00              | 255.00           |
| 24288980.00          | 23689354.32        | 957.50          | 0.00            | 0.00              | 251.90           |
| 23198818.00          | 24382483.10        | 1015.20         | 0.00            | 0.00              | 250.10           |
| 21723730.00          | 21368328.60        | 786.60          | 0.00            | 1.00              | 247.30           |
| 17298426.00          | 17947042.29        | 474.40          | 0.00            | 1.00              | 247.50           |
| 15021665.00          | 15345866.95        | 242.90          | 1.10            | 1.00              | 250.60           |
| 13777758.00          | 14602706.40        | 141.80          | 0.40            | 0.00              | 257.10           |
| 14714604.00          | 14414141.24        | 52.60           | 29.20           | 0.00              | 262.80           |
| 15413594.00          | 14439979.42        | 37.50           | 35.60           | 0.00              | 263.60           |
| 14729049.00          | 14191167.10        | 75.50           | 31.40           | 1.00              | 261.00           |
| 15122320.00          | 15939396.29        | 331.20          | 0.00            | 1.00              | 260.30           |
| 16859360.00          | 16813307.96        | 413.00          | 0.00            | 1.00              | 260.90           |
| 19659076.00          | 18801872.51        | 541.20          | 0.00            | 0.00              | 261.60           |
| 22694752.00          | 21724043.87        | 794.20          | 0.00            | 0.00              | 257.10           |
| 20571944.00          | 21210965.86        | 731.20          | 0.00            | 0.00              | 252.00           |
| 19477712.00          | 19211980.07        | 588.80          | 0.00            | 1.00              | 247.10           |
| 17347154.00          | 18306524.38        | 499.70          | 0.00            | 1.00              | 245.10           |
| 15077631.00          | 15554119.87        | 241.20          | 3.50            | 1.00              | 246.40           |
| 14317464.00          | 14857707.45        | 116.80          | 8.60            | 0.00              | 249.90           |
| 14616203.00          | 14965993.87        | 27.20           | 44.20           | 0.00              | 253.60           |
| 13251506.00          | 15132376.28        | 17.10           | 51.70           | 0.00              | 253.00           |
| 14009636.00          | 13759541.72        | 65.10           | 12.80           | 1.00              | 251.80           |
| 16088776.00          | 15716655.42        | 277.40          | 0.00            | 1.00              | 249.70           |
| 16976272.00          | 17009358.06        | 391.50          | 0.00            | 1.00              | 248.40           |
| 21445576.00          | 21047949.43        | 689.80          | 0.00            | 0.00              | 243.60           |
| 21451114.00          | 21420139.94        | 710.90          | 0.00            | 0.00              | 239.50           |
| 19475204.00          | 20699511.36        | 638.70          | 0.00            | 0.00              | 237.50           |
| 21024324.00          | 20771888.93        | 706.20          | 0.00            | 1.00              | 239.10           |
| 16976644.00          | 17243585.79        | 392.10          | 0.00            | 1.00              | 241.80           |
| 15918199.00          | 15784217.55        | 273.80          | 0.00            | 1.00              | 246.60           |
| 14483094.00          | 14448049.49        | 104.10          | 3.50            | 0.00              | 252.70           |
| 15155521.00          | 13930939.72        | 42.00           | 13.80           | 0.00              | 258.20           |
| 14600137.00          | 13931830.22        | 55.50           | 9.20            | 0.00              | 257.90           |
| 14248257.00          | 14914708.78        | 112.70          | 33.30           | 1.00              | 253.70           |
| 15782267.00          | 15615306.24        | 266.30          | 1.90            | 1.00              | 251.00           |
| 18804924.00          | 18153739.28        | 497.40          | 0.00            | 1.00              | 248.80           |
| 23996404.00          | 22726450.93        | 849.90          | 0.00            | 0.00              | 245.70           |
| 24524254.00          | 23024107.44        | 860.40          | 0.00            | 0.00              | 240.40           |
| 21288226.00          | 22159037.19        | 769.00          | 0.00            | 0.00              | 236.50           |
| 21449092.00          | 21261268.74        | 737.70          | 0.00            | 1.00              | 234.90           |
| 19610120.00          | 19566607.32        | 585.90          | 0.00            | 1.00              | 235.90           |

|                      |                    |                 |                 |                   |                  |
|----------------------|--------------------|-----------------|-----------------|-------------------|------------------|
| <b>Coefficients:</b> | <b>21906871.73</b> | <b>10936.54</b> | <b>34152.58</b> | <b>-610646.87</b> | <b>-34494.86</b> |
| Actual WS            | Predicted WS       | HDD avg         | CDD avg         | Spring/F avg      | Employment avg   |
| 16358581.00          | 15552583.00        | 214.00          | 5.60            | 1.00              | 239.90           |
| 15449821.00          | 15085923.77        | 104.50          | 17.10           | 0.00              | 247.80           |
| 16778966.00          | 15419174.35        | 19.60           | 59.60           | 0.00              | 253.30           |
| 17434478.00          | 14950912.03        | 24.60           | 45.50           | 0.00              | 254.50           |
| 16814000.00          | 14834589.25        | 135.00          | 22.50           | 1.00              | 252.40           |
| 19700288.00          | 16751079.72        | 376.40          | 0.00            | 1.00              | 251.10           |
| 21901632.00          | 19248228.96        | 604.10          | 0.00            | 1.00              | 250.90           |
| 24020204.00          | 20906018.63        | 686.60          | 0.00            | 0.00              | 246.70           |
|                      | 22849769.48        | 866.46          | 0.00            | 0.00              | 247.37           |
|                      | 21879309.72        | 777.38          | 0.00            | 0.00              | 247.27           |
|                      | 20457876.74        | 702.90          | 0.00            | 1.00              | 247.16           |
|                      | 17889618.61        | 467.66          | 0.02            | 1.00              | 247.05           |
|                      | 15562202.49        | 242.01          | 4.02            | 1.00              | 246.94           |
|                      | 14890608.27        | 108.81          | 9.02            | 0.00              | 246.83           |
|                      | 15154846.30        | 43.14           | 37.68           | 0.00              | 246.72           |
|                      | 15085770.99        | 42.49           | 35.76           | 0.00              | 246.61           |
|                      | 14601371.92        | 122.60          | 13.69           | 1.00              | 246.51           |
|                      | 16306219.67        | 319.71          | 0.38            | 1.00              | 246.40           |
|                      | 18131725.83        | 487.47          | 0.00            | 1.00              | 246.29           |
|                      | 21363837.33        | 726.82          | 0.00            | 0.00              | 246.18           |
|                      | 22958306.85        | 872.27          | 0.00            | 0.00              | 246.07           |
|                      | 21955550.59        | 780.24          | 0.00            | 0.00              | 245.96           |
|                      | 20358187.87        | 689.68          | 0.00            | 1.00              | 245.85           |
|                      | 17851812.24        | 460.08          | 0.02            | 1.00              | 245.75           |
|                      | 15511648.75        | 230.01          | 5.07            | 1.00              | 245.64           |
|                      | 14881711.58        | 103.50          | 9.15            | 0.00              | 245.53           |
|                      | 15251743.34        | 34.34           | 42.02           | 0.00              | 245.42           |
|                      | 15149465.91        | 36.87           | 38.11           | 0.00              | 245.31           |
|                      | 14733017.82        | 127.69          | 14.60           | 1.00              | 245.20           |
|                      | 16311631.92        | 315.97          | 0.42            | 1.00              | 245.10           |
|                      | 18169675.27        | 486.83          | 0.00            | 1.00              | 244.99           |
|                      | 21108390.49        | 699.36          | 0.00            | 0.00              | 244.88           |

## Weather Sensitive

[illegible]

| R1(ii) GS < 50 kW                                                                                                           |              |                               |            |                     |                |              |
|-----------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------|------------|---------------------|----------------|--------------|
| Year                                                                                                                        | Actual kWh   | Total Wholesale               | Ratio%     | Predicted Wholesale | Weather Normal | Per customer |
| 2009                                                                                                                        | 27,224,772   | 201,931,225                   | 13.48%     | 206,962,091         | 27,903,043     | 27,755       |
| 2010                                                                                                                        | 26,062,992   | 200,455,300                   | 13.00%     | 208,419,622         | 27,098,505     | 26,707       |
| 2011                                                                                                                        | 24,356,720   | 206,961,897                   | 11.77%     | 209,352,130         | 24,638,019     | 23,905       |
| 2012                                                                                                                        | 25,721,085   | 203,428,335                   | 12.64%     | 207,434,463         | 26,227,612     | 25,682       |
| 2013                                                                                                                        | 25,739,747   | 214,860,024                   | 11.98%     | 213,449,122         | 25,570,724     | 26,990       |
| 2014                                                                                                                        | 27,212,831   | 218,938,328                   | 12.43%     | 217,052,675         | 26,978,455     | 28,230       |
| 2015                                                                                                                        | 26,130,351   | 211,807,379                   | 12.34%     | 211,935,646         | 26,146,175     | 27,400       |
| 2016                                                                                                                        | 24,984,442   | 205,874,625                   | 12.14%     | 208,497,216         | 25,302,713     | 26,602       |
| 2017                                                                                                                        | 25,604,789   | 211,916,088                   | 12.08%     | 209,640,368         | 25,329,825     | 26,353       |
| 2018                                                                                                                        | 26,240,994   | 235,329,659                   | 11.15%     | 218,759,530         | 24,393,302     | 25,385       |
| 2019                                                                                                                        |              |                               | 11.15%     | 214,173,157         | 23,881,888     | 24,978       |
| 2020                                                                                                                        |              |                               | 11.15%     | 214,241,143         | 23,889,469     | 25,112       |
| <br>Load adjusted based on utility input |              |                               |            |                     |                |              |
| GS<50                                                                                                                       |              |                               |            |                     |                |              |
| Year                                                                                                                        | New Customer | DLI 44 kV Supply allocation % | Added Load |                     |                | Total        |
| 2019                                                                                                                        | 0            |                               |            |                     |                | 23,881,888   |
| 2020                                                                                                                        | 46           | 36.30%                        | 3,039,406  |                     |                | 26,928,875   |

| R2 GS>50 kW                                                                                                                 |              |                  |            |                     |                |              |
|-----------------------------------------------------------------------------------------------------------------------------|--------------|------------------|------------|---------------------|----------------|--------------|
| Year                                                                                                                        | Actual kWh   | Total Wholesale  | Ratio%     | Predicted Wholesale | Weather Normal | Per customer |
| 2009                                                                                                                        | 69,931,762   | 201,931,225      | 34.63%     | 206,962,091         | 71,674,025     | 1,522,280    |
| 2010                                                                                                                        | 70,938,155   | 200,455,300      | 35.39%     | 208,419,622         | 73,756,610     | 1,689,083    |
| 2011                                                                                                                        | 75,394,032   | 206,961,897      | 36.43%     | 209,352,130         | 76,264,768     | 1,756,578    |
| 2012                                                                                                                        | 79,423,076   | 203,428,335      | 39.04%     | 207,434,463         | 80,987,160     | 1,664,120    |
| 2013                                                                                                                        | 83,700,857   | 214,860,024      | 38.96%     | 213,449,122         | 83,151,226     | 1,665,801    |
| 2014                                                                                                                        | 83,470,708   | 218,938,328      | 38.13%     | 217,052,675         | 82,751,799     | 1,905,992    |
| 2015                                                                                                                        | 86,528,984   | 211,807,379      | 40.85%     | 211,935,646         | 86,581,384     | 2,053,313    |
| 2016                                                                                                                        | 89,578,886   | 205,874,625      | 43.51%     | 208,497,216         | 90,720,011     | 2,155,723    |
| 2017                                                                                                                        | 94,512,143   | 211,916,088      | 44.60%     | 209,640,368         | 93,497,198     | 2,449,708    |
| 2018                                                                                                                        | 109,202,680  | 235,329,659      | 46.40%     | 218,759,530         | 101,513,457    | 2,553,798    |
| 2019                                                                                                                        |              |                  | 46.40%     | 214,173,157         | 99,385,190     | 2,547,737    |
| 2020                                                                                                                        |              |                  | 46.40%     | 214,241,143         | 99,416,738     | 2,596,943    |
| <br>Load adjusted based on utility input |              |                  |            |                     |                |              |
| GS>50                                                                                                                       |              |                  |            |                     |                |              |
| Year                                                                                                                        | New Customer | DLI 44 kV Supply | Added Load |                     |                | Total        |
| 2019                                                                                                                        | 0            |                  | 0          |                     |                | 99,385,190   |
| 2020                                                                                                                        | -1           | 8,373,019        | -8,373,019 |                     |                | 91,043,719   |

## R2 GS&gt;50 kW

| Year | kWh         | kW      | KW/kWh Ratio |
|------|-------------|---------|--------------|
| 2009 | 69,931,762  | 150,499 | 0.00215      |
| 2010 | 70,938,155  | 163,570 | 0.00231      |
| 2011 | 75,394,032  | 176,514 | 0.00234      |
| 2012 | 79,423,076  | 185,948 | 0.00234      |
| 2013 | 83,700,857  | 199,528 | 0.00238      |
| 2014 | 83,470,708  | 196,688 | 0.00236      |
| 2015 | 86,528,984  | 208,261 | 0.00241      |
| 2016 | 89,578,886  | 217,369 | 0.00243      |
| 2017 | 94,512,143  | 210,836 | 0.00223      |
| 2018 | 109,202,680 | 234,800 | 0.00215      |
| 2019 | 99,385,190  | 229,529 | 0.00231      |
| 2020 | 91,043,719  | 210,264 | 0.00231      |
|      |             |         |              |
|      |             |         |              |
| Avg  |             |         | 0.00231      |

## Seasonal

| Year | kwh        | Ratio% | Customer | kwh per customer | Rw per customer | Rw/kwh Ratio |
|------|------------|--------|----------|------------------|-----------------|--------------|
| 2009 | 12,341,792 | 6.11%  | 3,659    | 3,373            | 0.0000          | 0.00000      |
| 2010 | 11,130,245 | 5.55%  | 3,622    | 3,073            | 0.0000          | 0.00000      |
| 2011 | 10,958,186 | 5.29%  | 3,539    | 3,097            | 0.0000          | 0.00000      |
| 2012 | 10,136,343 | 4.98%  | 3,422    | 2,962            | 0.0000          | 0.00000      |
| 2013 | 8,458,860  | 3.94%  | 3,331    | 2,539            | 0.0000          | 0.00000      |
| 2014 | 7,919,568  | 3.62%  | 3,255    | 2,433            | 0.0000          | 0.00000      |
| 2015 | 6,868,390  | 3.24%  | 3,176    | 2,163            | 0.0000          | 0.00000      |
| 2016 | 6,205,026  | 3.01%  | 3,140    | 1,976            | 0.0000          | 0.00000      |
| 2017 | 6,042,453  | 2.85%  | 3,108    | 1,944            | 0.0000          | 0.00000      |
| 2018 | 6,043,635  | 2.57%  | 3,076    | 1,965            | 0.0000          | 0.00000      |
| 2019 | 5,500,303  | 2.57%  | 3,018    | 1,822            | 0.0000          | 0.00000      |
| 2020 | 5,502,049  | 2.57%  | 2,960    | 1,859            | 0.0000          | 0.00000      |
|      |            |        |          |                  |                 |              |
| Avg  |            |        | 3,333    | 2,553            | 0.0000          | 0.00000      |

### Non-Weather Sensitive

| Street Lights |         |       |            |                    |                   |              |
|---------------|---------|-------|------------|--------------------|-------------------|--------------|
| Year          | kWh     | kW    | Connection | kWh per connection | KW per connection | KW/kWh Ratio |
| 2009          | 791,996 | 2,304 | 1,021      | 776                | 2.2566            | 0.00291      |
| 2010          | 721,376 | 2,304 | 1,021      | 707                | 2.2566            | 0.00319      |
| 2011          | 523,958 | 2,304 | 1,021      | 513                | 2.2566            | 0.00440      |
| 2012          | 728,404 | 2,197 | 1,019      | 715                | 2.1555            | 0.00302      |
| 2013          | 807,249 | 2,388 | 1,018      | 793                | 2.3458            | 0.00296      |
| 2014          | 777,269 | 2,227 | 1,019      | 763                | 2.1864            | 0.00287      |
| 2015          | 742,696 | 2,128 | 1,023      | 726                | 2.0808            | 0.00287      |
| 2016          | 584,575 | 1,623 | 1,066      | 548                | 1.5220            | 0.00278      |
| 2017          | 582,537 | 1,619 | 1,070      | 544                | 1.5131            | 0.00278      |
| 2018          | 568,784 | 1,581 | 1,067      | 533                | 1.4814            | 0.00278      |
| 2019          | 568,784 | 1,581 | 1,067      | 533                | 1.4816            | 0.00278      |
| 2020          | 595,435 | 1,655 | 1,117      | 533                | 1.4815            | 0.00278      |
|               |         |       |            |                    |                   |              |
|               |         |       |            |                    |                   |              |
| Last Actual   |         |       |            | 533                | 1.4814            | 0.00278      |

## other

|      |         |         |         |         |         |         |
|------|---------|---------|---------|---------|---------|---------|
| 2009 | 0       | 0       | 0       | #DIV/0! | #DIV/0! | #DIV/0! |
| 2010 | 0       | 0       | 0       | #DIV/0! | #DIV/0! | #DIV/0! |
| 2011 | 0       | 0       | 0       | #DIV/0! | #DIV/0! | #DIV/0! |
| 2012 | 0       | 0       | 0       | #DIV/0! | #DIV/0! | #DIV/0! |
| 2013 | 0       | 0       | 0       | #DIV/0! | #DIV/0! | #DIV/0! |
| 2014 | 0       | 0       | 0       | #DIV/0! | #DIV/0! | #DIV/0! |
| 2015 | 0       | 0       | 0       | #DIV/0! | #DIV/0! | #DIV/0! |
| 2016 | 0       | 0       | 0       | #DIV/0! | #DIV/0! | #DIV/0! |
| 2017 | 0       | 0       | 0       | #DIV/0! | #DIV/0! | #DIV/0! |
| 2018 | 0       | 0       | 0       | #DIV/0! | #DIV/0! | #DIV/0! |
| 2019 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |
| 2020 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |
|      |         |         |         |         |         |         |
| Avg  |         |         |         | #DIV/0! | #DIV/0! | #DIV/0! |

| 2015-2020 CDM Program - 2015, first year of the current CDM plan |                     |                     |                     |                      |                      |                      |                      |
|------------------------------------------------------------------|---------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|
| 6 Year (2015-2020) kWh Target:                                   |                     |                     |                     |                      |                      |                      |                      |
| 7,510,000                                                        |                     |                     |                     |                      |                      |                      |                      |
|                                                                  | 2015                | 2016                | 2017                | 2018                 | 2019                 | 2020                 | Total                |
| %                                                                |                     |                     |                     |                      |                      |                      |                      |
| 2015 CDM Programs                                                | 2.33%               | 2.31%               | 2.31%               | 2.36%                | 2.35%                | 2.33%                | 13.98%               |
| 2016 CDM Programs                                                |                     | 3.11%               | 3.11%               | 3.11%                | 3.11%                | 3.08%                | 15.50%               |
| 2017 CDM Programs                                                |                     |                     | 5.70%               | 4.86%                | 4.86%                | 4.82%                | 20.24%               |
| 2018 CDM Programs                                                |                     |                     |                     | 15.63%               | 15.63%               | 15.63%               | 46.89%               |
| 2019 CDM Programs                                                |                     |                     |                     |                      | 1.10%                | 1.10%                | 2.20%                |
| 2020 CDM Programs                                                |                     |                     |                     |                      |                      | 1.19%                | 1.19%                |
| <b>Total in Year</b>                                             | <b>2.33%</b>        | <b>5.41%</b>        | <b>11.11%</b>       | <b>25.96%</b>        | <b>27.04%</b>        | <b>28.15%</b>        | <b>100.00%</b>       |
| kWh                                                              |                     |                     |                     |                      |                      |                      |                      |
| 2015 CDM Programs                                                | 1,077,169.00        | 1,068,894.00        | 1,068,387.00        | 1,093,167.00         | 1,086,232.00         | 1,077,279.00         | 6,471,128.00         |
| 2016 CDM Programs                                                |                     | 1,437,693.00        | 1,437,694.00        | 1,437,694.00         | 1,437,694.00         | 1,427,961.00         | 7,178,736.00         |
| 2017 CDM Programs                                                |                     |                     | 2,640,268.00        | 2,250,773.00         | 2,248,143.00         | 2,232,142.00         | 9,371,326.00         |
| 2018 CDM Programs                                                |                     |                     |                     | 7,237,615.43         | 7,237,615.43         | 7,237,615.43         | 21,712,846.29        |
| 2019 CDM Programs                                                |                     |                     |                     |                      | 509,000.00           | 509,000.00           | 1,018,000.00         |
| 2020 CDM Programs                                                |                     |                     |                     |                      |                      | 549,000.00           | 549,000.00           |
| <b>Total in Year</b>                                             | <b>1,077,169.00</b> | <b>2,506,587.00</b> | <b>5,146,349.00</b> | <b>12,019,249.43</b> | <b>12,518,684.43</b> | <b>13,032,997.43</b> | <b>46,301,036.29</b> |

| Weight Factor for Inclusion in CDM Adjustment to 2014 Load Forecast    |      |      |      |      |      |      |      |      |                                                               |
|------------------------------------------------------------------------|------|------|------|------|------|------|------|------|---------------------------------------------------------------|
|                                                                        | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020                                                          |
| Weight Factor for each year's CDM program impact on 2020 load forecast | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0.5  | 1                                                             |
| Default Value selection rationale.                                     |      |      |      |      |      |      |      |      |                                                               |
|                                                                        |      |      |      |      |      |      |      |      | Distributor can select "0", "0.5", or "1" from drop-down list |

| 2011-2014 and 2015-2020 LRAMVA and 2015 CDM adjustment to Load Forecast |            |            |            |      |      |      |              |            |            |                |
|-------------------------------------------------------------------------|------------|------------|------------|------|------|------|--------------|------------|------------|----------------|
|                                                                         | 2012       | 2013       | 2014       | 2015 | 2016 | 2017 | 2018         | 2019       | 2020       | Total for 2020 |
|                                                                         | kWh        | kWh        | kWh        | kWh  | kWh  | kWh  | kWh          | kWh        | kWh        | kWh            |
| Amount used for CDM threshold for LRAMVA (2015)                         | 750,001.00 | 750,001.00 | 750,001.00 |      |      |      |              |            |            |                |
| Amount used for CDM threshold for LRAMVA (2020)                         |            |            |            |      |      |      | 7,237,615.43 | 509,000.00 | 549,000.00 | 8,295,615.43   |
| Manual Adjustment for 2020 Load Forecast (billed basis)                 | -          | -          |            | -    | -    | -    | 7,237,615.43 | 254,500.00 | 549,000.00 | 8,041,115.43   |



| Final Load Forecast Results |           |             |             |             |             |             |             |             |             |                      |
|-----------------------------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------------|
|                             | Year      | 2013        | 2014        | 2015        | 2016        | 2017        | 2018        | 2019        | 2020        | 2020 CDM<br>Adjusted |
| R1(i) Residential           | Cust/Conn | 7,301       | 7,398       | 7,480       | 7,544       | 7,596       | 7,640       | 7,722       | 8,116       | 8,116                |
|                             | kWh       | 80,510,678  | 85,393,126  | 80,876,150  | 75,910,136  | 76,321,856  | 82,834,418  | 75,387,475  | 79,805,566  | 78,446,984           |
|                             | kW        |             |             |             |             |             |             |             |             |                      |
|                             |           |             |             |             |             |             |             |             |             |                      |
| R1(ii) GS < 50 kW           | Cust/Conn | 947         | 956         | 954         | 951         | 961         | 961         | 956         | 997         | 997                  |
|                             | kWh       | 25,739,747  | 27,212,831  | 26,130,351  | 24,984,442  | 25,604,789  | 26,240,994  | 23,881,888  | 26,928,875  | 25,484,758           |
|                             | kW        |             |             |             |             |             |             |             |             |                      |
|                             |           |             |             |             |             |             |             |             |             |                      |
| R2 GS>50 kW                 | Cust/Conn | 50          | 43          | 42          | 42          | 38          | 40          | 39          | 37          | 37                   |
|                             | kWh       | 83,700,857  | 83,470,708  | 86,528,984  | 89,578,886  | 94,512,143  | 109,202,680 | 99,385,190  | 91,043,719  | 85,867,987           |
|                             | kW        | 199,528     | 196,688     | 208,261     | 217,369     | 210,836     | 234,800     | 229,529     | 210,264     | 196,648              |
|                             |           |             |             |             |             |             |             |             |             |                      |
| Seasonal                    | Cust/Conn | 3,331       | 3,255       | 3,176       | 3,140       | 3,108       | 3,076       | 3,018       | 2,960       | 2,960                |
|                             | kWh       | 8,458,860   | 7,919,568   | 6,868,390   | 6,205,026   | 6,042,453   | 6,043,635   | 5,500,303   | 5,502,049   | 5,439,365            |
|                             | kW        |             |             |             |             |             |             |             |             |                      |
|                             |           |             |             |             |             |             |             |             |             |                      |
| Street Lights               | Cust/Conn | 1,018       | 1,019       | 1,023       | 1,066       | 1,070       | 1,067       | 1,067       | 1,117       | 1,117                |
|                             | kWh       | 807,249     | 777,269     | 742,696     | 584,575     | 582,537     | 568,784     | 568,784     | 595,435     | 595,435              |
|                             | kW        | 2,388       | 2,227       | 2,128       | 1,623       | 1,619       | 1,581       | 1,581       | 1,655       | 1,655                |
|                             |           |             |             |             |             |             |             |             |             |                      |
| other                       |           |             |             |             |             |             |             |             |             |                      |
|                             |           |             |             |             |             |             |             |             |             |                      |
|                             |           |             |             |             |             |             |             |             |             |                      |
|                             |           |             |             |             |             |             |             |             |             |                      |
|                             |           |             |             |             |             |             |             |             |             |                      |
|                             |           |             |             |             |             |             |             |             |             |                      |
| Total                       | Cust/Conn | 12,648      | 12,670      | 12,675      | 12,743      | 12,774      | 12,784      | 12,802      | 13,227      | 13,227               |
|                             | kWh       | 199,217,390 | 204,773,502 | 201,146,571 | 197,263,065 | 203,063,777 | 224,890,511 | 204,723,640 | 203,875,644 | 195,834,528          |
|                             | kW        | 201,916     | 198,915     | 210,389     | 218,992     | 212,455     | 236,381     | 231,110     | 211,919     | 198,303              |

| kWh Purchased VS kWh Adjstuted for Loss of Intermediate Cust and impact of FIT & Microfit |             |                |             |                |                   |       |
|-------------------------------------------------------------------------------------------|-------------|----------------|-------------|----------------|-------------------|-------|
| Year                                                                                      | Wholesale   | year over year | Adjstuted   | year over year | Wholesale VS Adj. |       |
|                                                                                           |             |                |             |                |                   |       |
| 2009                                                                                      | 201,931,225 |                | 201,931,225 |                | 0.00%             | 0.00% |
| 2010                                                                                      | 200,455,300 | -0.73%         | 200,455,300 | -0.73%         | 0.00%             | 0.00% |
| 2011                                                                                      | 209,265,738 | 4.40%          | 206,961,897 | 3.25%          | -1.10%            | 1.10% |
| 2012                                                                                      | 207,672,192 | -0.76%         | 203,428,335 | -1.71%         | -2.04%            | 2.04% |
| 2013                                                                                      | 218,662,491 | 5.29%          | 214,860,024 | 5.62%          | -1.74%            | 1.74% |
| 2014                                                                                      | 222,844,848 | 1.91%          | 218,938,328 | 1.90%          | -1.75%            | 1.75% |
| 2015                                                                                      | 216,436,884 | -2.88%         | 211,807,379 | -3.26%         | -2.14%            | 2.14% |
| 2016                                                                                      | 211,050,246 | -2.49%         | 205,874,625 | -2.80%         | -2.45%            | 2.45% |
| 2017                                                                                      | 217,280,995 | 2.95%          | 211,916,088 | 2.93%          | -2.47%            | 2.47% |
| 2018                                                                                      | 241,087,151 | 10.96%         | 235,329,659 | 11.05%         | -2.39%            | 2.39% |

| kWh Purchased VS Weather Adjstuted |             |                |             |                |                        |       |
|------------------------------------|-------------|----------------|-------------|----------------|------------------------|-------|
| Year                               | Wholesale   | year over year | Predicted   | year over year | Wholesale vs Predicted |       |
|                                    |             |                |             |                |                        |       |
| 2009                               | 201,931,225 |                | 206,962,091 |                | 2.49%                  | 2.49% |
| 2010                               | 200,455,300 | -0.73%         | 208,419,622 | 0.70%          | 3.97%                  | 3.97% |
| 2011                               | 209,265,738 | 4.40%          | 209,352,130 | 0.45%          | 0.04%                  | 0.04% |
| 2012                               | 207,672,192 | -0.76%         | 207,434,463 | -0.92%         | -0.11%                 | 0.11% |
| 2013                               | 218,662,491 | 5.29%          | 213,449,122 | 2.90%          | -2.38%                 | 2.38% |
| 2014                               | 222,844,848 | 1.91%          | 217,052,675 | 1.69%          | -2.60%                 | 2.60% |
| 2015                               | 216,436,884 | -2.88%         | 211,935,646 | -2.36%         | -2.08%                 | 2.08% |
| 2016                               | 211,050,246 | -2.49%         | 208,497,216 | -1.62%         | -1.21%                 | 1.21% |
| 2017                               | 217,280,995 | 2.95%          | 209,640,368 | 0.55%          | -3.52%                 | 3.52% |
| 2018                               | 241,087,151 | 10.96%         | 218,759,530 | 4.35%          | -9.26%                 | 9.26% |
|                                    |             |                |             |                | Mean                   | 2.77% |
|                                    |             |                |             |                | Median                 | 2.44% |

| Period | Actual         | Forecast       | Error                          | Absolute Value of Error        | Square of Error                      | Absolute Values of Errors Divided by Actual Values. |
|--------|----------------|----------------|--------------------------------|--------------------------------|--------------------------------------|-----------------------------------------------------|
| t      | A <sub>t</sub> | F <sub>t</sub> | A <sub>t</sub> -F <sub>t</sub> | A <sub>t</sub> -F <sub>t</sub> | ( A <sub>t</sub> -F <sub>t</sub> )^2 | (A <sub>t</sub> -F <sub>t</sub> )/A <sub>t</sub>    |
| 1      | 201,931,225    | 206,962,091    | -5,030,866                     | 5,030,866                      | 25,309,614,016,533                   | 0.0249                                              |
| 2      | 200,455,300    | 208,419,622    | -7,964,322                     | 7,964,322                      | 63,430,432,379,774                   | 0.0397                                              |
| 3      | 209,265,738    | 209,352,130    | -86,392                        | 86,392                         | 7,463,586,979                        | 0.0004                                              |
| 4      | 207,672,192    | 207,434,463    | 237,729                        | 237,729                        | 56,515,068,901                       | 0.0011                                              |
| 5      | 218,662,491    | 213,449,122    | 5,213,369                      | 5,213,369                      | 27,179,211,684,731                   | 0.0238                                              |
| 6      | 222,844,848    | 217,052,675    | 5,792,173                      | 5,792,173                      | 33,549,270,481,494                   | 0.0260                                              |
| 7      | 216,436,884    | 211,935,646    | 4,501,238                      | 4,501,238                      | 20,261,141,889,910                   | 0.0208                                              |
| 8      | 211,050,246    | 208,497,216    | 2,553,030                      | 2,553,030                      | 6,517,960,728,244                    | 0.0121                                              |
| 9      | 217,280,995    | 209,640,368    | 7,640,627                      | 7,640,627                      | 58,379,178,020,186                   | 0.0352                                              |
| 10     | 241,087,151    | 218,759,530    | 22,327,621                     | 22,327,621                     | 498,522,646,939,519                  | 0.0926                                              |
| Totals |                |                | 35184205.153                   | 61347366.457                   | 733213434796271.000                  | 0.277                                               |



|           |       |        |        |        |        |       |       |        |       |        |
|-----------|-------|--------|--------|--------|--------|-------|-------|--------|-------|--------|
| March     | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00   | 0.00  | 0.00   |
| April     | 0.00  | 0.20   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00   | 0.00  | 0.00   |
| May       | 0.00  | 19.00  | 3.20   | 8.40   | 3.00   | 0.80  | 1.10  | 3.50   | 0.00  | 5.60   |
| June      | 19.20 | 5.30   | 2.70   | 23.70  | 12.40  | 12.00 | 0.40  | 8.60   | 3.50  | 17.10  |
| July      | 8.00  | 61.70  | 64.40  | 61.20  | 51.80  | 6.40  | 29.20 | 44.20  | 13.80 | 59.60  |
| August    | 25.20 | 78.60  | 35.40  | 37.70  | 27.10  | 13.50 | 35.60 | 51.70  | 9.20  | 45.50  |
| September | 5.00  | 0.00   | 11.00  | 5.30   | 5.80   | 1.40  | 31.40 | 12.80  | 33.30 | 22.50  |
| October   | 0.00  | 0.00   | 1.50   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00   | 1.90  | 0.00   |
| November  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00   | 0.00  | 0.00   |
| December  | 0.00  | 0.00   | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00   | 0.00  | 0.00   |
| Total     | 57.40 | 164.80 | 118.20 | 136.30 | 100.10 | 34.10 | 97.70 | 120.80 | 61.70 | 150.30 |

| Comparision | 2009        | 2010        | 2011        | 2012        | 2013        | 2014        | 2015        | 2016        | 2017        | 2018 |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------|
| Wholesale   | 201,931,224 | 200,484,507 | 209,265,737 | 207,755,213 | 219,776,525 | 224,055,026 | 218,359,584 | 213,114,845 | 221,614,089 | -    |
| HDD         | 5046        | 4367        | 4658        | 4701        | 5198        | 5621        | 5069        | 4440        | 4650        | 5118 |
| CDD         | 115         | 330         | 236         | 273         | 200         | 68          | 195         | 242         | 123         | 301  |

Weather Adjusted Load Forecast Results

|                        | Year      | 2015 Board<br>Approved | 2015         | Variance   | 2016         | Variance   | 2017         | Variance   | 2018         | Variance   | 2019         | Variance    | 2020         | Variance    |
|------------------------|-----------|------------------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|-------------|--------------|-------------|
| R1(i) Residential      | Fixed     | \$23.34                | \$23.34      | \$0.00     | \$27.76      | \$4.42     | \$32.58      | \$4.82     | \$37.40      | \$4.82     | \$42.23      | \$4.83      | \$47.17      | \$4.94      |
|                        | Variable  | \$0.0328               | \$0.0328     | \$0.0000   | \$0.0288     | -\$0.0040  | \$0.0251     | -\$0.0037  | \$0.0212     | -\$0.0039  | \$0.0172     | -\$0.0040   | \$0.0126     | -\$0.0046   |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
|                        | Cust/Conn | 7,531                  | 7,480        | -52        | 7,544        | 64         | 7,596        | 53         | 7,640        | 43         | 7,722        | 82          | 8,116        | 394         |
|                        | kWh       | 80,045,884             | 80,876,150   | 830,266    | 75,910,136   | -4,966,014 | 76,321,856   | 411,720    | 82,834,418   | 6,512,562  | 75,387,475   | -7,446,943  | 78,446,984   | 3,059,509   |
|                        | Revenues  | \$4,734,787            | \$4,747,596  | \$12,809   | \$4,699,186  | -\$48,410  | \$4,885,574  | \$186,388  | \$5,184,809  | \$299,236  | \$5,209,713  | \$24,904    | \$5,582,146  | \$372,433   |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
| R1(ii) GS < 50 kW      | Fixed     | \$23.34                | \$23.34      | \$0.00     | \$23.76      | \$0.42     | \$24.46      | \$0.70     | \$25.08      | \$0.62     | \$25.64      | \$0.56      | \$26.21      | \$0.57      |
|                        | Variable  | \$0.0328               | \$0.0328     | \$0.0000   | \$0.0334     | \$0.0006   | \$0.0344     | \$0.0010   | \$0.0353     | \$0.0009   | \$0.0361     | \$0.0008    | \$0.0369     | \$0.0008    |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
|                        | Cust/Conn | 965                    | 954          | -11        | 951          | -3         | 961          | 10         | 961          | 0          | 956          | -5          | 997          | 41          |
|                        | kWh       | 25,745,817             | 26,130,351   | 384,534    | 24,984,442   | -1,145,909 | 25,604,789   | 620,347    | 26,240,994   | 636,205    | 23,881,888   | -2,359,106  | 25,484,758   | 1,602,870   |
|                        | Revenues  | \$1,114,740            | \$1,124,342  | \$9,602    | \$1,105,677  | -\$18,665  | \$1,162,926  | \$57,249   | \$1,215,505  | \$52,578   | \$1,156,310  | -\$59,194   | \$1,254,063  | \$97,753    |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
| R2 GS>50 kW            | Fixed     | \$600.83               | \$600.83     | \$0.00     | \$611.64     | \$10.81    | \$629.74     | \$18.10    | \$645.61     | \$15.87    | \$659.94     | \$14.33     | \$674.59     | \$14.65     |
|                        | Variable  | \$3.1131               | \$3.1131     | \$0.0000   | \$3.1691     | \$0.0560   | \$3.2629     | \$0.0938   | \$3.3451     | \$0.0822   | \$3.4194     | \$0.0743    | \$3.4953     | \$0.0759    |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
|                        | Cust/Conn | 50                     | 42           | -8         | 42           | 0          | 38           | -4         | 40           | 2          | 39           | -1          | 37           | -2          |
|                        | kWh       | 83,288,188             | 86,528,984   | 3,240,796  | 89,578,886   | 3,049,902  | 94,512,143   | 4,933,257  | 109,202,680  | 14,690,538 | 99,385,190   | -9,817,490  | 85,867,987   | -13,517,204 |
|                        | kW        | 198,901                | 208,261      | 9,360      | 217,369      | 9,108      | 210,836      | -6,533     | 234,800      | 23,964     | 229,529      | -5,271      | 196,648      | -32,881     |
|                        | Revenues  | \$979,697              | \$952,357    | -\$27,339  | \$997,741    | \$45,384   | \$976,358    | -\$21,383  | \$1,093,385  | \$117,027  | \$1,093,775  | \$390       | \$989,147    | -\$104,628  |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
| Seasonal               | Fixed     | \$27.15                | \$27.15      | 0          | \$34.27      | \$7.12     | \$42.18      | \$7.91     | \$50.05      | \$7.87     | \$54.75      | \$4.70      | \$58.75      | \$4.00      |
|                        | Variable  | \$0.1462               | \$0.1462     | 0          | \$0.1435     | -\$0.0027  | \$0.1402     | -\$0.0033  | \$0.1338     | -\$0.0064  | \$0.1494     | \$0.0156    | \$0.1703     | \$0.0209    |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
|                        | Cust/Conn | 3,138                  | 3,176        | 38         | 3,140        | -36        | 3,108        | -32        | 3,076        | -32        | 3,018        | -59         | 2,960        | -58         |
|                        | kWh       | 7,731,414              | 6,868,390    | -863,024   | 6,205,026    | -663,364   | 6,042,453    | -162,573   | 6,043,635    | 1,182      | 5,500,303    | -543,332    | 5,439,365    | -60,938     |
|                        | Revenues  | \$2,152,693            | \$2,038,872  | -\$113,821 | \$2,181,681  | \$142,808  | \$2,420,339  | \$238,659  | \$2,656,334  | \$235,995  | \$2,804,402  | \$148,067   | \$3,013,255  | \$208,853   |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
| Street Lights          | Fixed     | \$1.10                 | \$1.10       | 0          | \$1.34       | \$0.24     | \$1.48       | \$0.14     | \$1.91       | \$0.43     | \$2.05       | \$0.14      | \$1.39       | -\$0.66     |
|                        | Variable  | \$0.1767               | \$0.1767     | 0          | \$0.2164     | \$0.0397   | \$0.2390     | \$0.0226   | \$0.3084     | \$0.0694   | \$0.3310     | \$0.0226    | \$0.3316     | \$0.0006    |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
|                        | Cust/Conn | 1,018                  | 1,023        | 5          | 1,066        | 44         | 1,070        | 4          | 1,067        | -3         | 1,067        | 0           | 1,117        | 50          |
|                        | kWh       | 804,705                | 742,696      | -62,009    | 584,575      | -158,121   | 582,537      | -2,039     | 568,784      | -13,753    | 568,784      | 0           | 595,435      | 26,651      |
|                        | kW        | 2,380                  | 2,128        | -252       | 1,623        | -505       | 1,619        | -4         | 1,581        | -38        | 1,581        | 0           | 1,655        | 74          |
|                        | Revenues  | \$155,629              | \$144,734    | -\$10,895  | \$143,649    | -\$1,085   | \$158,229    | \$14,581   | \$199,870    | \$41,641   | \$214,518    | \$14,647    | \$216,079    | \$1,562     |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
| RRRP Payments          | Revenues  | \$13,757,205           | \$13,757,205 | \$0        | \$13,678,440 | -\$78,765  | \$13,498,952 | -\$179,488 | \$13,154,383 | -\$344,569 | \$12,886,685 | -\$267,698  | \$14,915,217 | \$2,028,532 |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
| Total                  | Cust/Conn | 12,702                 | 12,675       | -28        | 12,743       | 69         | 12,774       | 31         | 12,784       | 10         | 12,802       | 18          | 13,227       | 426         |
|                        | kWh       | 197,616,008            | 201,146,571  | 3,530,563  | 197,263,065  | -3,883,506 | 203,063,777  | 5,800,712  | 224,890,511  | 21,826,734 | 204,723,640  | -20,166,871 | 195,834,528  | -8,889,112  |
|                        | kW        | 8,203,502              | 8,121,199    | -82,302    | 8,205,535    | 84,336     | 8,681,294    | 475,759    | 9,293,029    | 611,735    | 9,401,535    | 108,506     | 10,047,767   | 646,233     |
|                        | \$        | \$22,894,751           | \$22,765,106 | -\$129,645 | \$22,806,373 | \$41,267   | \$23,102,379 | \$296,006  | \$23,504,287 | \$401,908  | \$23,365,403 | -\$138,884  | \$25,969,907 | \$2,604,504 |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
| Total from RRR 2.1.5.4 | \$        |                        | \$22,670,573 |            | \$22,710,398 |            | \$23,022,027 |            | \$23,405,495 |            |              |             |              |             |
|                        |           |                        |              |            |              |            |              |            |              |            |              |             |              |             |
| Difference             | \$        |                        | -\$94,533    |            | -\$95,976    |            | -\$80,352    |            | -\$98,792    |            |              |             |              |             |
|                        | %         |                        | -0.4%        |            | -0.4%        |            | -0.3%        |            | -0.4%        |            |              |             |              |             |

# Weather Adjusted Load Forecast Results

(without impacts of CDM)

| R1(i) Residential |       |      |            |       |
|-------------------|-------|------|------------|-------|
| Year              | Cust  | %chg | kWh        | %chg  |
| 2009              | 6,940 |      | 78,443,046 |       |
| 2010              | 7,000 | 0.9% | 75,331,125 | -4.0% |
| 2011              | 7,078 | 1.1% | 79,018,831 | 4.9%  |
| 2012              | 7,208 | 1.8% | 79,323,316 | 0.4%  |
| 2013              | 7,301 | 1.3% | 79,981,996 | 0.8%  |
| 2014              | 7,398 | 1.3% | 84,657,660 | 5.8%  |
| 2015              | 7,480 | 1.1% | 80,925,127 | -4.4% |
| 2016              | 7,544 | 0.9% | 76,877,138 | -5.0% |
| 2017              | 7,596 | 0.7% | 75,502,253 | -1.8% |
| 2018              | 7,640 | 0.6% | 77,001,847 | 2.0%  |
| 2019              | 7,722 | 1.1% | 75,387,475 | -2.1% |
| 2020              | 8,116 | 5.1% | 79,805,566 | 5.9%  |

| R1(ii) GS < 50 kW |       |      |            |      |
|-------------------|-------|------|------------|------|
| Year              | Cust  | %chg | kWh        | %chg |
| 2009              | 1,005 |      | 27,903,043 |      |
| 2010              | 1,015 | 1%   | 27,098,505 | -3%  |
| 2011              | 1,031 | 2%   | 24,638,019 | -9%  |
| 2012              | 1,021 | -1%  | 26,227,612 | 6%   |
| 2013              | 947   | -7%  | 25,570,724 | -3%  |
| 2014              | 956   | 1%   | 26,978,455 | 6%   |
| 2015              | 954   | 0%   | 26,146,175 | -3%  |
| 2016              | 951   | 0%   | 25,302,713 | -3%  |
| 2017              | 961   | 1%   | 25,329,825 | 0%   |
| 2018              | 961   | 0%   | 24,393,302 | -4%  |
| 2019              | 956   | -1%  | 23,881,888 | -2%  |
| 2020              | 997   | 4%   | 26,928,875 | 13%  |

| R2 GS>50 kW |      |      |             |      |         |      |
|-------------|------|------|-------------|------|---------|------|
| Year        | Cust | %chg | kWh         | %chg | kW      | %chg |
| 2009        | 47   |      | 71,674,025  |      | 154,248 |      |
| 2010        | 44   | -7%  | 73,756,610  | 3%   | 170,069 | 10%  |
| 2011        | 43   | -1%  | 76,264,768  | 3%   | 178,553 | 5%   |
| 2012        | 49   | 12%  | 80,987,160  | 6%   | 189,610 | 6%   |
| 2013        | 50   | 3%   | 83,151,226  | 3%   | 198,218 | 5%   |
| 2014        | 43   | -13% | 82,751,799  | 0%   | 194,994 | -2%  |
| 2015        | 42   | -3%  | 86,581,384  | 5%   | 208,387 | 7%   |
| 2016        | 42   | 0%   | 90,720,011  | 5%   | 220,138 | 6%   |
| 2017        | 38   | -9%  | 93,497,198  | 3%   | 208,572 | -5%  |
| 2018        | 40   | 4%   | 101,513,457 | 9%   | 218,267 | 5%   |
| 2019        | 39   | -2%  | 99,385,190  | -2%  | 229,529 | 5%   |
| 2020        | 37   | -4%  | 91,043,719  | -8%  | 210,264 | -8%  |

| Seasonal |       |      |            |      |  |  |
|----------|-------|------|------------|------|--|--|
| Year     | Cust  | %chg | kWh        | %chg |  |  |
| 2009     | 3,659 |      | 12,649,272 |      |  |  |
| 2010     | 3,622 | -1%  | 11,572,463 | -9%  |  |  |
| 2011     | 3,539 | -2%  | 11,084,744 | -4%  |  |  |
| 2012     | 3,422 | -3%  | 10,335,959 | -7%  |  |  |
| 2013     | 3,331 | -3%  | 8,403,314  | -19% |  |  |
| 2014     | 3,255 | -2%  | 7,851,359  | -7%  |  |  |
| 2015     | 3,176 | -2%  | 6,872,549  | -12% |  |  |
| 2016     | 3,140 | -1%  | 6,284,070  | -9%  |  |  |
| 2017     | 3,108 | -1%  | 5,977,564  | -5%  |  |  |
| 2018     | 3,076 | -1%  | 5,618,088  | -6%  |  |  |
| 2019     | 3,018 | -2%  | 5,500,303  | -2%  |  |  |
| 2020     | 2,960 | -2%  | 5,502,049  | 0%   |  |  |

| Street Lights |       |      |         |      |       |      |
|---------------|-------|------|---------|------|-------|------|
| Year          | Cust  | %chg | kWh     | %chg | kW    | %chg |
| 2009          | 1,021 |      | 791,996 |      | 2,304 |      |
| 2010          | 1,021 | 0%   | 721,376 | -9%  | 2,304 | 0%   |
| 2011          | 1,021 | 0%   | 523,958 | -27% | 2,304 | 0%   |
| 2012          | 1,019 | 0%   | 728,404 | 39%  | 2,197 | -5%  |
| 2013          | 1,018 | 0%   | 807,249 | 11%  | 2,388 | 9%   |
| 2014          | 1,019 | 0%   | 777,269 | -4%  | 2,227 | -7%  |
| 2015          | 1,023 | 0%   | 742,696 | -4%  | 2,128 | -4%  |
| 2016          | 1,066 | 4%   | 584,575 | -21% | 1,623 | -24% |
| 2017          | 1,070 | 0%   | 582,537 | 0%   | 1,619 | 0%   |
| 2018          | 1,067 | 0%   | 568,784 | -2%  | 1,581 | -2%  |
| 2019          | 1,067 | 0%   | 568,784 | 0%   | 1,581 | 0%   |
| 2020          | 1,117 | 5%   | 595,435 | 5%   | 1,655 | 5%   |

| Average per customer |             |          |           |         |          |  |                  |         |          |  |
|----------------------|-------------|----------|-----------|---------|----------|--|------------------|---------|----------|--|
| Year                 | Residential | GS<50    | GS>50     |         | Seasonal |  | Street Lightitng |         | Not Used |  |
|                      | kWh/cust    | kWh/cust | kWh/cust  | kW/cust | kWh/cust |  | kWh/conn         | kW/conn |          |  |
| 2009                 | 11,303      | 27,755   | 1,522,280 | 3,276   | 3,457    |  | 776              | 2       |          |  |
| 2010                 | 10,762      | 26,707   | 1,689,083 | 3,895   | 3,195    |  | 707              | 2       |          |  |
| 2011                 | 11,164      | 23,905   | 1,756,578 | 4,113   | 3,132    |  | 513              | 2       |          |  |
| 2012                 | 11,005      | 25,682   | 1,664,120 | 3,896   | 3,021    |  | 715              | 2       |          |  |
| 2013                 | 10,955      | 26,990   | 1,665,801 | 3,971   | 2,523    |  | 793              | 2       |          |  |
| 2014                 | 11,443      | 28,230   | 1,905,992 | 4,491   | 2,412    |  | 763              | 2       |          |  |
| 2015                 | 10,820      | 27,400   | 2,053,313 | 4,942   | 2,164    |  | 726              | 2       |          |  |
| 2016                 | 10,191      | 26,602   | 2,155,723 | 5,231   | 2,001    |  | 548              | 2       |          |  |
| 2017                 | 9,939       | 26,353   | 2,449,708 | 5,465   | 1,923    |  | 544              | 2       |          |  |
| 2018                 | 10,079      | 25,385   | 2,553,798 | 5,491   | 1,826    |  | 533              | 1       |          |  |
| 2019                 | 9,763       | 24,978   | 2,547,737 | 5,884   | 1,823    |  | 533              | 1       |          |  |
| 2020                 | 9,834       | 27,001   | 2,442,014 | 5,640   | 1,859    |  | 533              | 1       |          |  |

[illegible]