

| AC Load Description   | Quantity | Power Rating (Watts) | Time on Per Day (Hr/Day) | Energy Used (KWh/day) | References/Notes  |
|---|----------|----------------------|--------------------------|-----------------------|---|
| Hot Water Heater  | 1        | 4000                 | 3                        | 12                    | <a href="http://www.tempco.com/Engineering/wattage_estimation_tables.htm">http://www.tempco.com/Engineering/wattage_estimation_tables.htm</a> |
| Dryer   | 1        | 5000                 | 1                        | 5                     |   |
| Stove-Burners   | 1        | 4000                 | 1                        | 4                     | Large Burner-2500; Small burner-1200  |
| Refrigerator  | 1        | 450                  | 8                        | 3.6                   |   |
| Stove-Oven  | 1        | 4000                 | 0.5                      | 2                     |   |
| Computer  | 1        | 125                  | 12                       | 1.5                   |   |
| Lights (incandescent)   | 10       | 60                   | 2                        | 1.2                   |   |
| Oil Furnace/blower  | 1        | 600                  | 2                        | 1.2                   |   |
| TV  | 2        | 100                  | 4                        | 0.8                   |   |
| Dishwasher  | 1        | 500                  | 1                        | 0.5                   |   |
| Freezer   | 1        | 500                  | 1                        | 0.5                   |   |
| Microwave Oven  | 1        | 1000                 | 0.5                      | 0.5                   |   |
| Washing Machine   | 1        | 500                  | 1                        | 0.5                   |   |
| Lights (fluorescent)  | 4        | 30                   | 4                        | 0.48                  |   |
| Miscellaneous Loads   | 1        | 200                  | 2                        | 0.4                   |   |
| Printer   | 1        | 400                  | 0.25                     | 0.1                   |   |
|   |          |                      | Sum                      | 34.28                 |   |
| House Size (square ft)  | 2000     |                      |                          |                       |   |
| Occupants   | 4        |                      |                          |                       |   |
| Notes:  |          |                      |                          |                       |   |
| Type in "Wattage Charts"-Look at Images   |          |                      |                          |                       |   |
| <a href="http://energyusecalculator.com/electricity_waterheater.htm">http://energyusecalculator.com/electricity_waterheater.htm</a> |          |                      |                          |                       |   |
| Actual usage for 2015 was 30-40 Kwh/day; highest values were during Jan, Feb, March and April                                       |          |                      |                          |                       |   |

| <u>Month</u> | <u>Days</u> | <u>Delivery</u> | <u>Supply</u> | <u>Total</u>      | <u>KWH</u>   | <u>\$/KWH</u>  | <u>KWh/Day</u> |
|--------------|-------------|-----------------|---------------|-------------------|--------------|----------------|----------------|
| Jan          | 33          | \$102.56        | \$78.33       | \$180.89          | 1242         | \$0.146        | 38             |
| Feb          | 29          | \$73.53         | \$74.76       | \$148.29          | 1119         | \$0.133        | 39             |
| Mar          | 32          | \$81.38         | \$70.26       | \$151.64          | 1269         | \$0.119        | 40             |
| Apr          | 29          | \$68.24         | \$69.35       | \$137.59          | 1031         | \$0.133        | 36             |
| May          | 29          | \$68.18         | \$45.25       | \$113.43          | 976          | \$0.116        | 34             |
| Jun          | 30          | \$62.41         | \$37.25       | \$99.66           | 942          | \$0.106        | 31             |
| Jul          | 32          | \$66.41         | \$46.45       | \$112.86          | 965          | \$0.117        | 30             |
| Aug          | 29          | \$68.83         | \$44.11       | \$112.94          | 938          | \$0.120        | 32             |
| Sep          | 30          | \$67.34         | \$50.07       | \$117.41          | 918          | \$0.128        | 31             |
| Oct          | 31          | \$67.33         | \$53.10       | \$120.43          | 927          | \$0.130        | 30             |
| Nov          | 29          | \$63.75         | \$39.76       | \$103.51          | 866          | \$0.120        | 30             |
| Dec          | 31          | \$71.58         | \$43.75       | \$115.33          | 993          | \$0.116        | 32             |
|              |             |                 | <b>AVG</b>    | <b>\$126.17</b>   | <b>1016</b>  | <b>\$0.124</b> |                |
|              | 364         |                 | <b>SUM</b>    | <b>\$1,513.98</b> | <b>12186</b> |                |                |

2015