Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period \_\_\_

**Electrical Energy Inventory Sheet**

The cost of electrical energy as of September 2013 in the Memphis area was approximately **$0.065kWh**

**Important tips to remember**

1. Volts x amps=wattage
2. Divide watts by 1,000 to get kW

Find 5 appliances at home and calculate what it is costing your family to use them daily and monthly.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Appliance** | **watts** | **kW**  (divide by 1,000) | **Hours used each day** | **Electrical energy used**  (kW x hours used) | **Cost per kWh**  (energy used x cost per kWh) | **Cost to operate per day** | **Cost to operate per month**  (multiply by 30) |
| Example: lamp | 250 | .25 | 2 | .5 | .065 | .0325 | .975 (about $ 0.98) |
| **1.** |  |  |  |  | .065 |  |  |
| **2.** |  |  |  |  | .065 |  |  |
| **3.** |  |  |  |  | .065 |  |  |
| **4.** |  |  |  |  | .065 |  |  |
| **5.** |  |  |  |  | .065 |  |  |

**6. What type of appliances cost more to operate? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**7. Why do you think this is so? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period \_\_\_

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