HOME ENERGY USE

The graph below shows the major energy uses in the average home. Heating and cooling along with water heating make up most of your energy bill. Fine tuning these two areas would make the most dramatic impact on your electric bill.

TIPS TO HELP SAVE ENERGY
- Wash clothes in cold water.
- Keep dryer lint trap clean.
- Run full loads in washer and dryer.
- Check door seals for refrigerators and freezers.

4. ANSWER THE FOLLOWING QUESTIONS:

HEATING AND COOLING: HVAC
___ Has your system been serviced within the last 12 months?
___ Do you have more than 1 system?
___ When your system was serviced, did it need refrigerant?
___ Do you change the filters every 1–3 months?
___ How old is your heating & cooling system?
___ When did you change out your HVAC system?
___ Do you keep your thermostat set to 68 degrees F in winter and 78 degrees F in summer?

DON’T FORGET: Registers and vents should not be obstructed by furniture, rugs, etc. Ceiling fans are used on reverse to circulate air in winter and on forward to create a breeze in summer.

INSULATION
Insulation of your home affects the run time of your heating and cooling unit(s).

Does your insulation meet this criteria?
___ R-30 Ceiling, R-13 Walls, R-19 Floors (minimums)
___ Windows should be double paned or at least have storm windows
___ All cracks should be caulked (including those around windows and doors)
___ Weather stripping should be in good shape
___ Attic ventilation should be adequate

WATER HEATING
___ Do you have an electric water heater?
___ Do you have more than 1 electric water heater?
___ Is your thermostat set to 120 degrees?
___ Are your hot water pipes insulated?
___ Do you have any leaky hot water pipes or dripping faucets?

The Home Energy Use chart serves as a guideline.

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VIEW YOUR ENERGY USE ONLINE

Log on to our customer portal and you’ll have access to hourly, daily and monthly electricity use, weather statistics and the amount of heating or cooling required. Other handy features include the ability to print or export data for further analysis.

VIEW THE DO-IT-YOURSELF HOME ENERGY AUDIT

This easy-to-follow video goes step-by-step through a typical home and shows you opportunities to save money and increase comfort. Experts give advice on taming the largest energy users in most homes.

Topics include heating and air conditioning, water heating, the thermal envelope, windows and doors, appliances and energy-efficient lighting.

Watch the Home Energy Audit online at bit.ly/wemc_energyaudit

INVENTORY YOUR APPLIANCES

<table>
<thead>
<tr>
<th>KWh USED</th>
<th>OPERATING COST</th>
<th>YOUR COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR CONDITIONING (for every ton)</td>
<td>1 kwh/hour</td>
<td>$0.10/hour</td>
</tr>
<tr>
<td>HEATING (for every ton)</td>
<td>1.5 kwh/hour</td>
<td>$0.15/hour</td>
</tr>
<tr>
<td>Portable Heater</td>
<td>1.5 kwh/hour</td>
<td>$0.15/hour</td>
</tr>
<tr>
<td>Electric Furnace</td>
<td>7.5 kwh/hour</td>
<td>$0.75/hour</td>
</tr>
<tr>
<td>CONDENSATION ENHANCEMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Window Fan</td>
<td>25 kwh/hour</td>
<td>$0.25/hour</td>
</tr>
<tr>
<td>Ceiling Fan</td>
<td>1 kwh/hour</td>
<td>$0.10/hour</td>
</tr>
<tr>
<td>Dehumidifier</td>
<td>576 kwh/year</td>
<td>$57.60/year</td>
</tr>
<tr>
<td>WATER HEATING/HOT WATER</td>
<td>Based on 3000 watt element – 40 hours use/mo.</td>
<td>150 kwh/mo.</td>
</tr>
<tr>
<td>KITCHEN</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Range/Oven</td>
<td>$100/mo.</td>
<td>$10.00/mo.</td>
</tr>
<tr>
<td>Refrigerator</td>
<td>$125–200/mo.</td>
<td>$12.50–20.00/mo.</td>
</tr>
<tr>
<td>Top Freezer</td>
<td>$175–250/mo.</td>
<td>$17.50–25.00/mo.</td>
</tr>
<tr>
<td>Side by Side</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freezer</td>
<td>$100–175/mo.</td>
<td>$10.00–17.50/mo.</td>
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<tr>
<td>Self-Defrost</td>
<td>$80–150/mo.</td>
<td>$8.00–15.00/mo.</td>
</tr>
<tr>
<td>Manual Defrost</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microwave</td>
<td>3 kwh/mo.</td>
<td>$0.30/mo.</td>
</tr>
<tr>
<td>Dishwasher (operation only – no hot water)</td>
<td>1 kwh/hour</td>
<td>$0.10/hour</td>
</tr>
<tr>
<td>LAUNDRY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dryer (per load)</td>
<td>4 kwh</td>
<td>$0.40/load</td>
</tr>
<tr>
<td>Washer (per load – operation only – no hot water)</td>
<td>0.5 kwh</td>
<td>$0.05/load</td>
</tr>
<tr>
<td>ENTERTAINMENT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flat Screen Television (200 watt – 8 hours of use)</td>
<td>48/mo.</td>
<td>$4.80/mo.</td>
</tr>
<tr>
<td>Tube Television (180 watt – 8 hours of use)</td>
<td>24/mo.</td>
<td>$2.40/mo.</td>
</tr>
<tr>
<td>LIGHTING</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Incandescent Bulb (60 watt)</td>
<td>60/100 hours</td>
<td>$60–100/hour</td>
</tr>
<tr>
<td>Compact Fluorescent Bulb (15 watt)</td>
<td>75/100 hours</td>
<td>$75–100/hour</td>
</tr>
<tr>
<td>LED Bulb (7 watt)</td>
<td>75/100 hours</td>
<td>$75–100/hour</td>
</tr>
<tr>
<td>PUMPS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Well Pump</td>
<td>12000</td>
<td>12.00/mo.</td>
</tr>
<tr>
<td>Pool Pump</td>
<td>$364/mo.</td>
<td>$36.40/mo.</td>
</tr>
<tr>
<td>24 hours operation/day</td>
<td>708/mo.</td>
<td>70.80/mo.</td>
</tr>
</tbody>
</table>

Total Estimated Appliance Cost

Estimated costs associated with appliances listed above are based on an average of 10 cents per kilowatt hour. Due to the variation in size, efficiency of appliances, and living habits, the estimate of kilowatt hours used will vary.

How to:

2. Log in with your user ID and password.
3. Never over the “My Usage” tab at the top and choose “Usage History.”
4. If you have more than one account, select the account to view.
5. Click “Continue” and you’re there!

More energy saving videos at bit.ly/wemc_saveenergy