

## Energy Reduction Action Plan For Residential Customers

The City of Escanaba Electric Department is encouraging all customers to follow three steps to reduce electricity consumption. The following is an example of energy savings an average home in Escanaba's service area could save by implementing a 1-2-3 action plan. Actual savings will depend on the actions or measures implemented and a customer's actual consumption.

### **1. No Cost**

<b>Monthly Energy Item</b>	<b>Action</b>	<b>Savings</b>
Lighting	Turn off three 75-watt lights that operate 2 hours per night.	2% of monthly energy usage
2 <sup>nd</sup> Refrigerator	Unplug and recycle your second refrigerator	9% of monthly energy usage
Dishwasher	Open the door and use outside air to dry your dishes	1% of monthly energy usage
Refrigerator	Give the unit breathing room and clean the coils.	1.7% of energy usage
Clothes Washer	Do only full loads when using the washer and dryer. Reduce loads to 10 from 15 loads monthly.	.25% of monthly energy usage
Computers	Set the equipment to energy savings mode that powers down when not in use or turn equipment off when not in use.	1% of monthly energy usage

### **2. Low Cost**

<b>Monthly Energy Item</b>	<b>Action</b>	<b>Savings</b>
Lighting	Replace four 100 watt incandescent lamps with four 27 watt Compact Fluorescent Lamps	6% of monthly energy usage
Thermostat	Install an ENERGY STAR®-labeled programmable thermostat.	3% of monthly energy usage
Torchiere	Replace your halogen or incandescent torchiere with an ENERGY STAR® torchiere.	2% of monthly energy usage
Dimmers	Use dimmers, timers, and motion sensors on incandescent lights	7% of monthly energy usage
Water Heater	Wrap your older model water heater with a water heater blanket	.87 therms
Faucets	Fix defective plumbing or dripping faucets. Drips cost energy and water loss up to 212 gallons a month.	.83 therms
Window Shades	Install window shades and coverings to cover windows and prevent air from coming into room.	5% of monthly energy usage

### **3. Investment**

<b>Monthly Energy Item</b>	<b>Action</b>	<b>Savings</b>
Refrigerator	Replace your 10 year old or older refrigerator with an ENERGY STAR®-labeled energy-efficient refrigerator	8% of monthly energy usage
Central Air Conditioner	Replace your 10 year old or older air conditioner with an ENERGY STAR®-labeled energy-efficient air conditioner	5% of monthly energy usage
Clothes Washer	Replace your 10 year old or older clothes washer with an ENERGY STAR®-labeled energy-efficient clothes washer	5% of monthly energy usage
Hot Water Heater	Replace water heater if ten years old or older	2.6 therms
Windows	Change out old windows with new high performance ones.	34kWh in cooling season