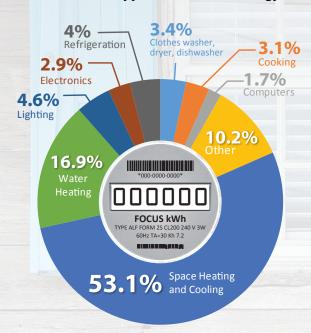
How your home uses energy

Energy use varies from one home to another. Factors such as number of people living in the home, size of the home, how long appliances are plugged in, how many loads of clothes you wash and more all have an impact on how much energy your home uses. The chart below shows where the typical home uses energy.



Source: Building Energy Data Book, U.S. Department of Energy; Updated October 2015

Look for the EnergyGuide

These labels show annual energy use and operating cost for each appliance. Keep in mind numbers are averages and may differ depending on how you use the appliance. Learn more at ftc.gov/energy.



YOU control your energy use

Have you ever looked at your energy bill and wondered, "Why is my bill so high?" You then think of all the appliances and gadgets you use every day to provide the modern-day conveniences you enjoy, the comfort of a warm home and a hot shower; and realize they all increase your energy costs.

If we can become more aware of how we use energy, we can also learn how to use it more efficiently.

Did you know?

You can reduce your cooling bill by two percent just by raising your thermostat one degree in the summer? Likewise, in the winter, lowering your thermostat by one degree can reduce heating bills by three percent.

What is a kilowatt-hour?

We pay for electricity in kilowatt-hours (kWhs). One kilowatt-hour is the equivalent of using 1,000 watts for one hour or using a 100-watt light bulb for 10 hours.

Although electric rates vary among electric cooperatives, we've used an average of \$0.10 per kWh for examples.

Look inside for a chart of commonly used appliances and their estimated cost to operate.

Smart energy resources

Home Energy Saver, an online resource to help homeowners calculate and look for energyefficient improvements: www.hes.lbl.gov

Energy Education Council: www.energyedcouncil.org

ENERGY STAR: www.energystar.gov

U.S. Department of Energy: www.energysavers.gov

Obtain a free booklet, Energy Savers: Tips on Saving Energy and Money at Home, by visiting www.eere.energy.gov/library.

Talk to your energy experts at **Three Rivers Electric Cooperative** at **573-644-9000** and learn about our energy efficiency and rebate programs. www.threeriverselectric.com



Home energy use guide



A breakdown of energy use by common home appliances

Take Control & Save®

A Cooperative Effort for Energy Efficiency www.TakeControlAndSave.coop

What's the cost to run appliances?

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The charts on the inside of this brochure show the most commonly used appliances and office equipment in homes, the average wattage of that equipment and an estimated cost of use. To calculate the use of appliances or for those not listed in the charts, use the following formula:

amps x volts = watts watts x hours = watt-hours watt-hours/1,000 = kilowatt-hours (kWhs) kWh x \$0.10 = estimated cost of use

Most appliances list the power used in watts. Look for the serial plate on the bottom or back of the appliance to determine watts used. (120 watts might be written 120W)

Example: An **electric hand mixer** that uses 120 watts. To calculate its use for 15 minutes:

15 minutes = 1/4 hour, so 120 watts x 1/4 hour = 30 watt-hours 30 watt-hours/1,000 = .03 kWh .03 kWh x \$0.10 = \$0.003 (three tenths of one cent)

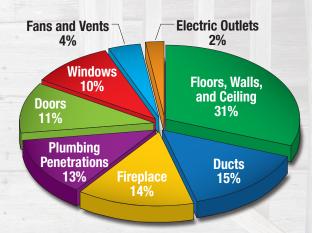
For larger appliances, such as a water heater, remember it is only running when it is actually heating water. The time your water heater is on varies according to how often you do laundry, take baths or run the dishwasher. Let's say your water heater is on for three hours on a particular day (the national average):

4,500 watts x 3 hours = 13,500 watt-hours 13,500 watt-hours/1,000 = 13.5 kWh 13.5 kWh x \$0.10 = \$1.35

From another angle, you would be using 4.5 kWh for every full hour your water heater is on. This means it costs you 45 cents per hour.

Where a typical home loses energy

Seeing where energy escapes in the home gives you ideas where you can make improvements.



Source: U.S. Department of Energy

Fact: Air sealing is one of the most significant energy efficiency improvements you can make to your home.

Be an Energy Star

You can't see energy efficiency. But if you're in the market for new appliances or electronics, you can look for energy-efficient models that carry the ENERGYSTAR logo. A third party certification



process makes sure anything that earns the blue label meets the highest standards.

Visit the ENERGYSTAR homepage at www.energystar.gov for more information.

Appliance Energy Use Guide

Kitchen	Typical wattage	Estimated cost	Home entertainment/	Typical wattage	Estimated cost
Coffee Maker	894	\$0.01/hr	home office		
Keurig (2 cups/day, left idle all day)		\$6.40/month	DVR (24hrs/day)	32	\$2.30/month
Deep Fryer	1,450	\$0.15/hr	Xbox 360 (4hrs/day)	180	\$2.16/month
Dishwasher	1,800	\$0.18/hr	Playstation 4 (4hrs/day)	120	\$1.44/month
Electric Skillet	1,200	\$0.12/hr	Nintendo Wii (4hrs/day)	19	\$0.23/month
Microwave Oven	1,450	\$0.15/hr	55" LED TV (4hrs/day)	67 75	\$0.80/month
Range w/Self Cleaning Oven	13,700	\$1.37/hr	60" LED TV (4hrs/day)	75	\$0.90/month
Roaster	1,333	\$0.13/hr	65" LED TV (4hrs/day)	83	\$1.00/month
Electric Smoker	1,500	\$0.15/hr	70" LED TV (4hrs/day)	92 14	\$1.10/month
			Blu-ray Player (4hrs/day)	650	\$0.17/month \$7.80/month
Food preservation	Typical wattage	Estimated cost	Laptop/Desktop (4hrs/day) Laser Printer	400	\$0.04/hr
Food Freezer	7.		Laser Frince	400	ψ 0.0 4 /111
12 cu. ft.	650	\$0.07/hr	Comfort conditioning	Typical wattage	Estimated cost
24 cu. ft.	845	\$0.08/hr			
Refrigerator/Freezer			Electric Blanket Dehumidifier	177 390	\$0.02/hr \$0.04/hr
18 cu.ft.	630	\$0.06/hr		390 370	·
24 cu. ft.	720	\$0.07/hr	Whole House Fan (Attic) Box Fan	200	\$0.04/hr \$0.02/hr
28 cu.ft.	840	\$0.08/hr	Space Heater	1,500	\$0.02/III \$0.15/hr
			±	1,300	\$0.13/111 \$0.02/hr
Laundry	Typical wattage	Estimated cost	Humidifier-tabletop	480	\$0.05/hr
	Typical wattage		Vaporizer Air Purifier	250	\$0.03/hr
Clothes Dryer	5,500	\$0.55/hr	Ceiling Fan	150	\$0.03/III \$0.02/hr
Iron	1,008	\$0.10/hr	Furnace Blower	1/2 hp	\$0.05/hr
Washing Machine	512	\$0.05/hr		-	
Water Heater	4,500	\$1.80/4 hrs	Individual Baseboard Heater	250	\$0.02/hr each foot
Heat Pump Water Heater	550/4,500	\$0.22/\$1.80/4 hrs	Heating & cooling	Typical wattage	Estimated cost
	Central Electric Furnace & Blower				
Housewares	Typical wattage	Estimated cost	10kW	10,500	\$1.05/hr
Vacuum Cleaner	1,300	\$0.13/hr	15kW	15,350	\$1.54/hr
Central Vacuum	1,600	\$0.16/hr	20kW	20,490	\$2.05/hr
			25kW	25,670	\$2.57/hr
Medical equipment	Typical wattage	Estimated cost	Mini-Split Heat Pumps C Size	ooling/heating watts	
Nebulizer	1,000	\$0.10/hr	9,000 BTU	590/790	\$0.06/\$0.08/hr
Oxygen Concentrator	460	\$0.05/hr	12,000 BTU	940/970	\$0.09/\$0.10/hr
Sleep Apnea Machine (CPAP)		\$0.02/hr	15,000 BTU	1,040/1,320	\$0.10/\$0.13/hr
2100p 12p1100 1210011110 (22111)	200	ψ 0.0 2 / III	18,000 BTU	1,420/1,710	\$0.14/\$0.17/hr
Dhaataa laad	T : 1	Follower of the con-	21,500 BTU	1,720/2,210	\$0.17/\$0.22/hr
Phantom load	Typical wattage	Estimated cost	Air Source Heat Pump (with	out back-up electric fu	rnace)
Satellite Receiver/Cable Box	25	\$1.80/month	3 Ton	1 3	\$0.53/hr
Digital Clock	3	\$0.22/month	4 Ton		\$0.71/hr
Computer Modem/Router	6	\$0.43/month	5 Ton		\$0.89/hr
Cordless Tool Charger	5	00.06/			JU.07/III
Invisible Pet Fence		\$0.36/month	Cround Course Heat Dump		
	25	\$1.80/month	Ground Source Heat Pump (without back-up electr	ic furnace)*
Night Light (LED)		\$1.80/month \$0.07/month	3 Ton	without back-up electr	ic furnace)* \$0.46/hr
Toothbrush Charger	25 1 1.6	\$1.80/month \$0.07/month \$0.12/month	3 Ton 4 Ton	without back-up electr	ic furnace)* \$0.46/hr \$0.67/hr
	25 1	\$1.80/month \$0.07/month	3 Ton 4 Ton 5 Ton	without back-up electr	ic furnace)* \$0.46/hr \$0.67/hr \$0.81/hr
Toothbrush Charger	25 1 1.6	\$1.80/month \$0.07/month \$0.12/month	3 Ton 4 Ton 5 Ton 6 Ton	•	ic furnace)* \$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr
Toothbrush Charger	25 1 1.6	\$1.80/month \$0.07/month \$0.12/month	3 Ton 4 Ton 5 Ton	ic back-up heat, add the d	ic furnace)* \$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr
Toothbrush Charger Water Softener Lighting	25 1 1.6 17	\$1.80/month \$0.07/month \$0.12/month \$1.22/month	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric	ic back-up heat, add the d	ic furnace)* \$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr
Toothbrush Charger Water Softener Lighting Residential Lights	25 1 1.6 17 Watts	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above	ic back-up heat, add the d	ic furnace)* \$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent	25 1 1.6 17 Watts	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr	ic back-up heat, add the d	ic furnace)* \$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr appropriate \$0.07/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj.	25 1 1.6 17 Watts	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr	ic back-up heat, add the d 706 1,412	ic furnace)* \$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr appropriate \$0.07/hr \$0.14/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.)	25 1 1.6 17 Watts 60 43 13	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr	ic back-up heat, add the d	ic furnace)* \$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr appropriate \$0.07/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.)	25 1 1.6 17 Watts	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost **Cost/8 hours** \$0.05 \$0.03 \$0.01 \$0.007	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner	706 1,412 2,824	\$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr \$ppropriate \$0.07/hr \$0.14/hr \$0.28/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights	25 1 1.6 17 Watts 60 43 13 9	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01 \$0.007 Cost/8 hours	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton	706 1,412 2,824 5,890	ic furnace)* \$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr appropriate \$0.07/hr \$0.14/hr \$0.28/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights T12 (4'-4 bulb fixtures)	25 1 1.6 17 Watts 60 43 13 9	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01 \$0.007 Cost/8 hours \$0.13	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton 4 Ton	706 1,412 2,824 5,890 9,220	\$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr \$ppropriate \$0.07/hr \$0.14/hr \$0.28/hr \$0.59/hr \$0.92/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights T12 (4'-4 bulb fixtures) T8 (4'-4 bulb fixtures)	25 1 1.6 17 Watts 60 43 13 9	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01 \$0.007 Cost/8 hours \$0.13 \$0.10	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton	706 1,412 2,824 5,890	ic furnace)* \$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr appropriate \$0.07/hr \$0.14/hr \$0.28/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights T12 (4'-4 bulb fixtures) T8 (4'-4 bulb fixtures) T5 (4'-4 bulb fixtures)	25 1 1.6 17 Watts 60 43 13 9 164 118	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost **Cost/8 hours** \$0.05 \$0.03 \$0.01 \$0.007 **Cost/8 hours** \$0.13 \$0.10 \$0.09	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton 4 Ton	706 1,412 2,824 5,890 9,220	\$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr \$ppropriate \$0.07/hr \$0.14/hr \$0.28/hr \$0.59/hr \$0.92/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights T12 (4'-4 bulb fixtures) T8 (4'-4 bulb fixtures) T5 (4'-4 bulb fixtures) LED (4'-4 bulb fixtures)	25 1 1.6 17 Watts 60 43 13 9 164 118 112 72	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01 \$0.007 Cost/8 hours \$0.13 \$0.10 \$0.09 \$0.06	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton 4 Ton	706 1,412 2,824 5,890 9,220	\$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr \$ppropriate \$0.07/hr \$0.14/hr \$0.28/hr \$0.59/hr \$0.92/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights T12 (4'-4 bulb fixtures) T8 (4'-4 bulb fixtures) T5 (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) Christmas Lights	25 1 1.6 17 Watts 60 43 13 9 164 118 112 72 Cost/240 I	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01 \$0.007 Cost/8 hours \$0.10 \$0.09 \$0.06 hours (8 hrs for 30 days)	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton 4 Ton 5 Ton Miscellaneous	706 1,412 2,824 5,890 9,220 11,440 Typical wattage	\$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr \$ppropriate \$0.07/hr \$0.14/hr \$0.28/hr \$0.92/hr \$1.14/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights T12 (4'-4 bulb fixtures) T8 (4'-4 bulb fixtures) T5 (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) Christmas Lights Incandescent C9 (25 bulb set)	25 1 1.6 17 Watts 60 43 13 9 164 118 112 72 Cost/240 I	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01 \$0.007 Cost/8 hours \$0.13 \$0.10 \$0.09 \$0.06 hours (8 hrs for 30 days) \$4.20	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton 4 Ton 5 Ton Miscellaneous Air Compressor	706 1,412 2,824 5,890 9,220 11,440 Typical wattage 1 ½ hp	\$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr \$ppropriate \$0.07/hr \$0.14/hr \$0.28/hr \$0.92/hr \$1.14/hr \$0.22/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights T12 (4'-4 bulb fixtures) T8 (4'-4 bulb fixtures) T5 (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) Christmas Lights	25 1 1.6 17 Watts 60 43 13 9 164 118 112 72 Cost/240 I	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01 \$0.007 Cost/8 hours \$0.10 \$0.09 \$0.06 hours (8 hrs for 30 days)	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton 4 Ton 5 Ton Miscellaneous Air Compressor Well Pump	706 1,412 2,824 5,890 9,220 11,440 Typical wattage 1 ½ hp 1 hp	\$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr \$ppropriate \$0.07/hr \$0.14/hr \$0.28/hr \$0.92/hr \$1.14/hr \$0.22/hr \$0.28/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights T12 (4'-4 bulb fixtures) T8 (4'-4 bulb fixtures) T5 (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) Christmas Lights Incandescent C9 (25 bulb set)	25 1 1.6 17 Watts 60 43 13 9 164 118 112 72 Cost/240 I	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01 \$0.007 Cost/8 hours \$0.13 \$0.10 \$0.09 \$0.06 hours (8 hrs for 30 days) \$4.20	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton 4 Ton 5 Ton Miscellaneous Air Compressor Well Pump Stock Tank Water Heater	706 1,412 2,824 5,890 9,220 11,440 Typical wattage 1 ½ hp 1 hp 1,500	\$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr \$ppropriate \$0.07/hr \$0.14/hr \$0.28/hr \$0.92/hr \$1.14/hr \$0.22/hr \$0.22/hr \$0.28/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights T12 (4'-4 bulb fixtures) T8 (4'-4 bulb fixtures) T5 (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (2'-4 bulb fixtures) LED (4'-5 bulb fixtures) Christmas Lights Incandescent C9 (25 bulb set) LED C9 (25 bulb set)	25 1 1.6 17 Watts 60 43 13 9 164 118 112 72 Cost/240 I	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01 \$0.007 Cost/8 hours \$0.10 \$0.09 \$0.06 hours (8 hrs for 30 days) \$4.20 \$0.05	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton 4 Ton 5 Ton Miscellaneous Air Compressor Well Pump Stock Tank Water Heater Heat Lamp	706 1,412 2,824 5,890 9,220 11,440 Typical wattage 1 ½ hp 1 hp 1,500 250	\$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr \$ppropriate \$0.07/hr \$0.14/hr \$0.28/hr \$0.92/hr \$1.14/hr \$0.22/hr \$0.22/hr \$0.28/hr \$0.38/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights T12 (4'-4 bulb fixtures) T8 (4'-4 bulb fixtures) T5 (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (2'-4 bulb fixtures) LED (4'-5 bulb fixtures) Christmas Lights Incandescent C9 (25 bulb set) LED C9 (25 bulb set)	25 1 1.6 17 Watts 60 43 13 9 164 118 112 72 Cost/240 175 2.2 Typical wattage	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01 \$0.007 Cost/8 hours \$0.13 \$0.10 \$0.09 \$0.06 hours (8 hrs for 30 days) \$4.20 \$0.05 Estimated cost	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton 4 Ton 5 Ton Miscellaneous Air Compressor Well Pump Stock Tank Water Heater Heat Lamp Engine Block Heater	706 1,412 2,824 5,890 9,220 11,440 Typical wattage 1 ½ hp 1 hp 1,500 250 1,500	\$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr \$0.07/hr \$0.14/hr \$0.28/hr \$0.92/hr \$1.14/hr Estimated cost \$0.22/hr \$0.28/hr \$0.3/hr \$0.15/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights T12 (4'-4 bulb fixtures) T8 (4'-4 bulb fixtures) T5 (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (4'-5 bulb fixtures) Christmas Lights Incandescent C9 (25 bulb set) LED C9 (25 bulb set) Swimming pool & spa Hot Tub Pump	25 1 1.6 17 Watts 60 43 13 9 164 118 112 72 Cost/240 175 2.2 Typical wattage 1 hp	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01 \$0.007 Cost/8 hours \$0.13 \$0.10 \$0.09 \$0.06 hours (8 hrs for 30 days) \$4.20 \$0.05 Estimated cost \$0.18/hr	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton 4 Ton 5 Ton Miscellaneous Air Compressor Well Pump Stock Tank Water Heater Heat Lamp Engine Block Heater Electric Car Charger (240 volt)	706 1,412 2,824 5,890 9,220 11,440 Typical wattage 1 ½ hp 1 hp 1,500 250 1,500 7,680	\$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr \$0.88/hr \$0.07/hr \$0.14/hr \$0.28/hr \$0.92/hr \$1.14/hr Estimated cost \$0.22/hr \$0.28/hr \$0.15/hr \$0.03/hr \$0.77/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights T12 (4'-4 bulb fixtures) T8 (4'-4 bulb fixtures) T5 (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (4'-5 bulb fixtures) Christmas Lights Incandescent C9 (25 bulb set) LED C9 (25 bulb set) Swimming pool & spa Hot Tub Pump Hot Tub Heater	25 1 1.6 17 Watts 60 43 13 9 164 118 112 72 Cost/240 II 175 2.2 Typical wattage 1 hp 6,000	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01 \$0.007 Cost/8 hours \$0.13 \$0.10 \$0.09 \$0.06 hours (8 hrs for 30 days) \$4.20 \$0.05 Estimated cost \$0.18/hr \$0.60/hr	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton 4 Ton 5 Ton Miscellaneous Air Compressor Well Pump Stock Tank Water Heater Heat Lamp Engine Block Heater Electric Car Charger (240 volt) Hair Dryer	706 1,412 2,824 5,890 9,220 11,440 Typical wattage 1 ½ hp 1 hp 1,500 250 1,500 7,680 1,500	\$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr \$0.07/hr \$0.14/hr \$0.28/hr \$0.92/hr \$1.14/hr Estimated cost \$0.22/hr \$0.28/hr \$0.3/hr \$0.15/hr
Toothbrush Charger Water Softener Lighting Residential Lights Incandescent EISA Compliant Adj. CFL (60 watt equiv.) LED (60 watt equiv.) Commercial Lights T12 (4'-4 bulb fixtures) T8 (4'-4 bulb fixtures) T5 (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (4'-4 bulb fixtures) LED (2'-4 bulb fixtures) LED (4'-5 bulb fixtures) Christmas Lights Incandescent C9 (25 bulb set) LED C9 (25 bulb set) Swimming pool & spa Hot Tub Pump	25 1 1.6 17 Watts 60 43 13 9 164 118 112 72 Cost/240 175 2.2 Typical wattage 1 hp	\$1.80/month \$0.07/month \$0.12/month \$1.22/month Estimated cost Cost/8 hours \$0.05 \$0.03 \$0.01 \$0.007 Cost/8 hours \$0.13 \$0.10 \$0.09 \$0.06 hours (8 hrs for 30 days) \$4.20 \$0.05 Estimated cost \$0.18/hr	3 Ton 4 Ton 5 Ton 6 Ton *With optional emergency electric kW electric furnace from above Room Air Conditioner 6,000 BTU/hr 12,000 BTU/hr 24,000 BTU/hr Central Air Conditioner 3 Ton 4 Ton 5 Ton Miscellaneous Air Compressor Well Pump Stock Tank Water Heater Heat Lamp Engine Block Heater Electric Car Charger (240 volt)	706 1,412 2,824 5,890 9,220 11,440 Typical wattage 1 ½ hp 1 hp 1,500 250 1,500 7,680 1,500 1,500 1,600 X 0.10 = \$Cost	\$0.46/hr \$0.67/hr \$0.81/hr \$0.88/hr \$0.88/hr \$0.07/hr \$0.14/hr \$0.28/hr \$0.92/hr \$1.14/hr Estimated cost \$0.22/hr \$0.28/hr \$0.15/hr \$0.03/hr \$0.77/hr