

Small Appliances

Blanket	14¢ per 8 hrs.
Clock	15¢ per mo.
Disposal	5¢ per hr.
Fans:	
Attic – whole house	4¢ per hr.
Ceiling	1¢ per hr.
Exhaust – small	2¢ per hr.
Hand held hair dryer	10¢ per hr.
Dehumidifier (240 watts)	2¢ per hr.
Dehumidifier (575 watts)	6¢ per hr.
Oxygen machine	4¢ per hr.
Golf cart charger (8 hour battery charge)	6¢ per hr.

Entertainment

Laptop computer	9¢ per 10 hrs.
Desktop computer	12¢ per 10 hrs.
Printer	1¢ per 10 hrs.
CD/Hi-Fi Stereo	9¢ per 10 hrs.
Radio	7¢ per 10 hrs.
Television (color – tube)	4¢ per hr.
Television (color – solid state)	3¢ per hr.
Video Cassette Recorder	4¢ per 10 hrs.

Flat Screen TVs

26"	2¢ per hr.
32"	2¢ per hr.
37"	3¢ per hr.
42"	3¢ per hr.
52"	3¢ per hr.

Appliance Standby Load

Cell phone chargers	7¢ per mo.
Microwave (Clock)	45¢ per mo.
Cordless phones	22¢ per mo.
DVD	89¢ per mo.
Printer	37¢ per mo.
Audio	\$1.11 per mo.
TV	\$1.63 per mo.
Satellite	\$1.11 per mo.
Range (Clock)	22¢ per mo.

Water Pump

(includes pumps for pools, spas and hot tubs)

1/2 hp	12¢ per hr.
3/4 hp	16¢ per hr.
1 hp	19¢ per hr.
1-1/2 hp	24¢ per hr.
2 hp	28¢ per hr.
3 hp	41¢ per hr.
5 hp	67¢ per hr.

The per-hour costs listed in this brochure are based on Tampa Electric's rate of 10.302 cents per kilowatt-hour. This amount includes the following Florida Public Service Commission-approved charges as of January 2008: for fuel (5.241 cents), the base energy rate (4.342 cents), capacity (.517 cents), environmental (.104 cents) and conservation (.098 cents).

The information in this brochure is based on estimated wattages and is intended to offer general guidelines only. Wattages may vary based on age, make and model of equipment and should not be regarded as fully representative of the costs of use.

Costs to Operate Appliances



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tampaelectric.com

A guide to help you use energy wisely by monitoring the costs of operating your appliances.

Tampa Electric is committed to more than just providing our customers with reliable, environmentally responsible energy – one of our top priorities is helping you save energy, too. This brochure is designed to help you save energy by helping you understand the rate at which various appliances use electricity. Prices shown are based on typical usage periods. For an explanation of the rate Tampa Electric customers pay per kilowatt-hour (kWh), see the back panel of this brochure.

In addition to wise energy usage choices you can make with your appliances, you can also save energy with help from energy-efficiency programs from Tampa Electric like our free Home Energy Audit. Visit tampaelectric.com for more information on this program and others that can show you the way to smart energy usage.

Air Conditioning

2 ton – 10 SEER*	25¢ per hr.
2 ton – 12 SEER	21¢ per hr.
2 ton – 14 SEER	18¢ per hr.
2.5 ton – 10 SEER	31¢ per hr.
2.5 ton – 12 SEER	26¢ per hr.
2.5 ton – 14 SEER	22¢ per hr.
3 ton – 10 SEER	37¢ per hr.
3 ton – 12 SEER	31¢ per hr.
3 ton – 14 SEER	26¢ per hr.
3.5 ton – 10 SEER	43¢ per hr.
3.5 ton – 12 SEER	36¢ per hr.
3.5 ton – 14 SEER	31¢ per hr.
4 ton – 10 SEER	49¢ per hr.
4 ton – 12 SEER	41¢ per hr.
4 ton – 14 SEER	35¢ per hr.
5 ton – 10 SEER	62¢ per hr.
5 ton – 12 SEER	52¢ per hr.
5 ton – 14 SEER	44¢ per hr.

*Seasonal Energy Efficiency Ratio

Heating

Space Heater – Portable	
1,250 watts	13¢ per hr.
1,500 watts	15¢ per hr.
1,650 watts	17¢ per hr.
Central Resistance Heat:	
5 kW	52¢ per hr.
8 kW	82¢ per hr.
10 kW	\$1.03 per hr.
15 kW	\$1.55 per hr.

Cooking

Blender	7¢ per hr.
Coffee Maker:	
Automatic Percolator	9¢ per hr.
Automatic Drip	15¢ per hr.
Food Processor	5¢ per hr.
Microwave Oven	15¢ per hr.
Range (Broiler Unit)	38¢ per hr.
Oven:	
Non self-cleaning/baking cycle	10¢ per hr.
Self-cleaning/baking cycle	8¢ per hr.
Self-cleaning feature – electric clean	82¢ per 2 hrs.
Large Surface Unit	13¢ per hr.
Small Surface Unit	7¢ per hr.
Toaster	21¢ per hr.
Toaster Oven	15¢ per hr.

Laundry/Cleaning

Clothes Dryer:	
7 lb. load	26¢ per load
14 lb. load	49¢ per load
Dishwasher* (13 gal. hot water – 140°F):	
3.44 kW for one load (Soak'n Scrub/drying unit on)	35¢ per load
3.18 kW for one load (Soak'n Scrub/drying unit off)	33¢ per load
2.9 kW for one load (Normal cycle/drying unit on)	30¢ per load
Iron	5¢ per hr.
Washer* (12 gal. hot water used):	
Automatic (Warm Wash/Cold Rinse)	23¢ per load
Vacuum Cleaner	7¢ per hr.
Front Loader Washer:	
1,150 watt (3.5 cu. ft.)	12¢ per load
1,800 watt (3.5 cu. ft.)	19¢ per load
1,000 watt (5.8 cu. ft.)	10¢ per load

*Water heating costs have been included in the cost to operate the appliances that use hot water.

Water Heating

Shower (10 gal. hot water – 3 gal. per min.)	17¢ per shower
Tub Bath (15 gal. hot water)	26¢ per bath
Average cost per person	\$10-\$11 per mo.

Tankless water heater \$2.97 per hr.
(The cost for water heating is less if a customer has an alternative water heating system: heat recovery unit, solar, etc.)

Refrigeration

(Some larger refrigerator/freezers and freezers will be more energy-efficient. With refrigeration, size is not always consistent with energy use.)

Refrigerator:	
Top Freezer Models-Automatic Defrost (14.5 - 24 cu. ft.)	\$6 - \$24 per mo.
Side-by-Side Models-Automatic Defrost (18.5 - 26 cu. ft.)	\$8 - \$27 per mo.
Freezers:	
Chest/Manual Defrost (13.5 - 22 cu. ft.)	\$5 - \$19 per mo.
Upright/Auto Defrost (13.5 - 21 cu. ft.)	\$8 - \$25 per mo.
Upright/Manual Defrost (15.5 - 22 cu. ft.)	\$6 - \$16 per mo.
Side by Side models automatic defrost/2005 or later (22 - 25 cu. ft.)	\$7 - \$11 per mo.
Ice Maker	\$9 per mo.
Wine Cooler:	
18 bottle	\$10 per mo.
21 bottle	\$10 per mo.

Usage varies. Estimate based on units manufactured after 1978.
The newer the unit, the lower the cost of operation.

Lighting

Incandescent:	
60-watt bulb	3¢ per 4 hrs.
75-watt bulb	3¢ per 4 hrs.
100-watt bulb	4¢ per 4 hrs.
Compact Fluorescent:	
13-watt lamp	1¢ per 8 hrs.
23-watt lamp	2¢ per 8 hrs.
30-watt lamp	2¢ per 8 hrs.
40-watt lamp	3¢ per 8 hrs.
Other:	
50-watt mercury bulb	5¢ per 10 hrs.
175-watt mercury bulb	18¢ per 10 hrs.
70-watt high pressure sodium (security)	7¢ per 10 hrs.
150-watt flood/spot	15¢ per 10 hrs.