ENERGY COSTS GUIDE

For common household appliances

BE ENERGY SMART!

TECO TAMPA ELECTRIC

Tampa Electric is committed to helping you use energy wisely. We developed this brochure to provide you with an approximate cost to run various appliances and other devices that use electricity. Prices shown are based on typical usage periods.

AIR CONDITIONING

Change filters monthly and make sure they are installed facing the correct direction. Service your system annually for maximum efficiency.

2 ton 16 SEER	$0.22 per hour
2 ton 20 SEER	$0.20 per hour
2.5 ton 16 SEER	$0.28 per hour
2.5 ton 20 SEER	$0.23 per hour
3 ton 16 SEER	$0.34 per hour
3 ton 20 SEER	$0.27 per hour
3.5 ton 16 SEER	$0.39 per hour
3.5 ton 20 SEER	$0.31 per hour
4 ton 16 SEER	$0.44 per hour
4 ton 20 SEER	$0.35 per hour
5 ton 16 SEER	$0.60 per hour
5 ton 20 SEER	$0.45 per hour

HEATING

Close shades and drapes at night to keep heat inside during the winter. Be sure to set your thermostat to 68° F or lower at night.

Central Resistance Heat:

5 kW	$0.65 per hour
8 kW	$1.04 per hour
10 kW	$1.30 per hour
15 kW	$1.95 per hour
Space Heater (Portable) 1250 – 1650 Watts	$0.20 per hour
Fireplace	$.0.20 per hour

COOKING

Always match the burner to the pan! This helps to avoid wasting electricity and reduce unwanted heat generated by the uncovered burner.

Coffee Maker (single serve)	$0.07 to $0.19 per hour
Food Processor	$0.07 to $0.16 per hour
Microwave	$0.10 to $0.13 per hour
Toaster	$0.10 to $0.20 per hour
Air Fryer	$0.13 to $0.22 per hour

Range

Small Surface 6" Coil	$0.18 per hour
Large Surface 8" Coil	$0.33 per hour
Electric Oven/Convection Oven	$0.26 to $0.65 per hour

REFRIGERATION

Maximize efficiency by setting the temperature at or near the manufacture's optimal settings. Vacuum dust from condenser coils on the rear or bottom of unit, and prevent cold air leakage by replacing damaged door seals.

Refrigerator/Freezer	$4.68-$23.40 per month
Side-By-Side	$4.68-$23.40 per month
Mini Refrigerator	$1.56-$3.12 per month
Wine Cooler	$3.12-$6.24 per month

Costs vary based on age and size of unit

LAUNDRY/CLEANING

Only run a dishwasher that's full of dishes. Once the final rinse cycle is complete, open the door and let your dishes dry without using the heated dry cycle. When possible, use cold water to wash clothes.

Clothes Dryer	$0.18-$0.49 per load
Washer	$0.05-$0.20 per load
Dishwasher	$0.16-$0.33 per hour
Iron	$0.01-$0.16 per hour
Vacuum Cleaner	$0.01-$0.33 per hour

WATER HEATING

Lower your water heater thermostat settings to 120°F. Install flow-restricting devices in showers and faucets.

Hybrid Water Heating

Tub Bath	$0.18 per tub
Shower	$0.11 per 10 minute shower
Cost/Person, Whole House	$3.17 monthly

Electric Tank Water Heating

Tub Bath	$0.74 per tub
Shower	$0.44 per 10 minute shower
Cost/Person, Whole House	$13.22 monthly

Electric Tankless Water Heating

Tub Bath	$0.67 per tub
Shower	$0.40 per 10 minute shower
Cost/Person, Whole House	$12.02 monthly

Costs vary based on age and size of water heater and water use.

SMALL APPLIANCES

Run ceiling fans at low speeds in occupied rooms and set them to rotate clockwise in the winter.

Ceiling Fan or Box Fan	$0.01 per hour
Air Purifier	$0.01 per hour
Hair Dryer	$0.20 per hour
Oxygen Machine	$0.06 per hour
Golf Cart Charger	$0.11 per hour
Dehumidifier	$0.02-$0.09 per hour
Attic Fan 160-Watts – 300-Watts	$0.04 per hour

LIGHTING

Replace incandescent bulbs with energy-efficient compact fluorescent lamps (CFLs) or light emitting diodes (LEDs). LEDs last up to 25 times longer and use about 20 percent less energy than traditional bulbs.

60-Watt Incandescent ..... $1.40 per month
7-Watt LED (60 Watt Incandescent Equiv.) ..... $0.16 per month
13-Watt CFL (60 Watt Incandescent Equiv.) ..... $0.30 per month

75-Watt Incandescent ..... $1.76 per month
23-Watt CFL (75 Watt Incandescent Equiv.) ..... $0.54 per month
15-Watt LED (75 Watt Incandescent Equiv.) ..... $0.35 per month

100-Watt Incandescent ..... $2.34 per month
26-Watt CFL (100 Watt Incandescent Equiv.) ..... $0.61 per month
19-Watt LED (100 Watt Incandescent Equiv.) ..... $0.44 per month

50-Watt Mercury Bulb ..... $1.17 per month
70-Watt High-Pressure Sodium ..... $1.64 per month

Holiday Lighting

50 Count Non-LED Mini ..... $0.75 per month
100 Count Non-LED Mini ..... $1.31 per month
50 Count LED Mini ..... $0.15 per month
70 Count LED Icicle ..... $0.22 per month

Based on 6 hr. run time over 30 days

Decorative Lighting

10 SOCKET STRING
5-Watt Bulb ..... $1.56 per month
7-Watt Bulb ..... $2.18 per month
LED .4-Watt ..... $.12 per month

25 SOCKET STRING
5-Watt Bulb ..... $3.90 per month
7-Watt Bulb ..... $5.46 per month
LED .4-Watt ..... $0.31 per month

100 SOCKET STRING
5-Watt Bulb ..... $15.60 per month
LED 2.4-Watt ..... $0.07 per month

Based on 8 hrs. per day over 30 days

ENTERTAINMENT

Look for the ENERGY STAR® label when purchasing new equipment.

DVD & VHS & CD Player ..... $0.04 per month
Laptop Computer ..... $0.08 per month
Desktop ..... $0.20 per month
Game Consoles ..... $0.25 per month
LED TV 15"-32" ..... $0.06 per month
LED TV 37"-60" ..... $0.13 per month
OLED TV 32"-60" ..... $0.17 per month
LCD TV 32"-60" ..... $0.27 per month
Plasma TV 32"-60" ..... $0.67 per month

Based on the average of 4 hrs. per day

STANDBY OR VAMPIRE LOAD

Save when you install multi-outlet power strips that make it easy to turn off electronic devices that are not in use.

Game Console	$0.17 per month
Cell Phone/Tablet	$0.03 per month
DVD	$0.66 per month
Printer	$0.37 per month
Microwave Clock	$0.05 per month
Range Clock	$0.19 per month
TV Flat Screen	$0.12 per month

INFLATABLE DECORATIONS

To help save on energy costs, monitor your use of these decorations and only inflate them when in use.

4', 52 Watt	$1.62 per month
6', 60 Watt	$1.87 per month
8', 76 Watt	$2.37 per month
12', 85 Watt	$2.65 per month

Based on 8 hr. run time over 30 days

WATER PUMPS

Turn off pool pumps and/or heater when not needed. Save even more when you upgrade to a variable speed pump.

1/2 Horsepower	$0.05 per hour
3/4 Horsepower	$0.07 per hour
1 Horsepower	$0.09 per hour
1-1/2 Horsepower	$0.14 per hour
2 Horsepower	$0.18 per hour
2 1/2 Horsepower	$0.23 per hour
3 Horsepower	$0.27 per hour

Based on 85% pump efficiency. Operating cost varies based on motor load and efficiency.

HEAT PUMP POOL HEATER

Have your pool heat pump services annually to maintain performance and maximize the life of the unit.

35,000 Gal. = 6,670 Watts	$0.81 per hour
28,000 Gal. = 5,980 Watts	$0.73 per hour
24,000 Gal. = 4,600 Watts	$0.56 per hour

PLUG-IN ELECTRIC VEHICLE CHARGING

Take advantage of Tampa Electric's free Energy Planner℠ program and save when you charge during off-peak hours. Visit **TampaElectric.com/EP** for more about Energy Planner and **TampaElectric.com/EV** to learn more about the benefits of driving an electric vehicle.

Battery Capacity 16.7 kW	$0.04 per mile
Battery Capacity 57 kW	$0.03 per mile
Battery Capacity 76 kW	$0.03 per mile
Battery Capacity 97 kW	$0.03 per mile
Battery Capacity 107 kW	$0.04 per mile

The costs listed in this brochure are based on a rate of $0.13 cents per kilowatt-hour (kWh). Tampa Electric's current rates are available at **TampaElectric.com/Rates.**

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.

How to calculate cost per hour:

To calculate the approximate cost to operate a specific appliance or other item not included in this brochure, locate the wattage listed on the appliance (you may need to reference the owner's manual) and divide it by 1,000 to get the kWh. Once you have the kWh, multiply by $0.13 cents per kWh to get an approximate cost to operate the appliance for one hour.

For example: Consider an appliance that uses 600 Watts. Divide 600 Watts by 1,000 = .6 kWh.

Multiply .6 kWh by $0.13 cents per kWh = **$0.078 per hour.**

ENERGY STAR PARTNER

To save energy and protect the environment, look for the ENERGY STAR label.
Visit **EnergyStar.gov** to learn more.

To learn more about our energy-saving programs, call

813-275-3909

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