

HOUSEHOLD

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMED BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Ceiling Fixture(3 bulbs)	180	260.0	46.80	\$12.17
Chandelier (5 lamps)	300	260.0	78.00	\$20.28
Circular Saw 8.25 inch	2,000	7.0	14.00	\$3.64
Computer Laptop	50	75.0	3.75	\$0.98
Computer with subwoofer and 4 speakers	200	75.0	15.00	\$3.90
Computer(with printer)	120	75.0	9.00	\$2.34
Digital alarm clock	3	1,440.0	4.32	\$1.12
Floor Polisher	300	8.0	2.40	\$0.62
Garage door opener	350	3.0	1.05	\$0.27
Lighting (60 watt equivalent compact fluorescent)	15	260.0	3.90	\$1.01
Lighting 60 watt (incandescent)	60	260.0	15.60	\$4.06
Power drill	500	7.0	3.50	\$0.91
Satellite Dish (includes receiver)	360	370.0	133.20	\$34.63
Security alarm	5	1,440.0	7.20	\$1.87
Sewing Machine	200	40.0	8.00	\$2.08
Shower Heater	3,000	120.0	360.00	\$93.60
Swimming pool filter motor (1.0HP)	1,500	1,440.0	2,160.00	\$561.60
Table Lamp (tri-light)	100	50.0	5.00	\$1.30
Vacuum Cleaner	1,200	13.0	15.60	\$4.06
Water Pump (1/2 hp)	440	96.0	42.24	\$10.98

NOTE

- 1) Please note that the bi-monthly cost excludes VAT and customer charge.
- 2) The bi-monthly cost is calculated based on the 2009/2010 price at the lowest tier of 26 cents per kWh.

SAMPLE BILL CALCULATIONS

FOOD PREPARATION and PRESERVATION

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMED BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Blender	375	6	2.25	\$0.59
Kettle	2000	20	40	\$10.40
Range(oven)	3500	30	105	\$27.30
Toaster Oven	1225	20	24.5	\$6.37
Fridge - Frost-free(17.5 cu. ft)	725	480.0	348.00	\$90.48

LAUNDRY

Washing Machine - Semi-automatic (26lbs)	250	45.0	11.25	\$2.93
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COMFORT CONDITIONING

Fan (circulating - 16")	60	480	28.8	\$7.49
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HAIR & BEAUTY

Blowdryer	1400	7	9.8	\$2.55
Shaver	10	67	0.67	\$0.17

HOME ENTERTAINMENT

DVD Player	20	32	0.64	\$0.17
Television - CRT (19")	85	370	31.45	\$8.18

HOUSEHOLD

Digital alarm clock	3	1440	4.32	\$1.12
Lighting 60 watt (incandescent)	60	1300	78	\$23.40
Shower Heater	3000	60	180	\$46.80

Total estimated kWh bi-monthly

864.68

Total Bill:

400kWh x \$0.26 = \$104

464.68kWh x \$0.32 = \$148.70

Customer Charge = \$6

TOTAL: \$258.70

1 - 400 kWh at \$0.26 TT cents per kWh

401 - 1,000 kWh at \$0.32 TT cents per kWh

over 1,000 kWh at \$0.37 TT cents per kWh

IMPORTANT TELEPHONE NUMBERS:

In an Emergency or Trouble..... Call 800-TTEC (8832)

Or any of these T&TEC Area Offices

NORTH: 625-1296 / 625-1774 EAST: 643-1974 / 2538 / 39 / 41

CENTRAL: 636-8107 / 4871 SOUTH: 653-8832 / 657-7281

TOBAGO: 639-2015 / 2541 HEAD OFFICE, PORT OF SPAIN: 623 6291/2611-7

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TRINIDAD AND TOBAGO ELECTRICITY COMMISSION

Appliance usage and its impact on your bill



Electricity... a cost you can control



ELECTRICITY...

A COST YOU CAN CONTROL

The following list shows the average wattage (power requirement) and the approximate number of kilowatt-hours (kWh) used in two months by some common appliances. As consumption of electricity may vary considerably from home to home, these averages may not exactly represent usage in your home. However, they provide a useful guide and customers can adjust the wattage and hours estimated accordingly.

The wattage of most appliances can be found on their electrical rating plate which is usually located on the back or underside of the appliance. If the wattage is not posted it can be approximated using the formula: Volts x Amps = Watts. Note though that for appliances with motors this approximation can result in an overestimate of wattage of up to twenty-five percent (25%).

To determine the cost of running appliances:

(wattage x hours used)/1,000 = kWh

kWh x cost per kWh = cost

Cost per kWh > 0.26



FOOD PREPARATION

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMED BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Barbecue Grill	1,400	8.0	11.20	\$2.91
Blender	375	6.0	2.25	\$0.59
Bread Maker	560	8.0	4.48	\$1.16
Broiler	1,500	8.0	12.00	\$3.12
Can Opener	175	2.0	0.35	\$0.09
Cake Mixer	275	8.0	2.20	\$0.57
Coffee Maker (10 cup)	900	19.0	17.10	\$4.45
Convection Oven	1,500	16.0	24.00	\$6.24
Cooktop (per element)	1,500	120.0	180.00	\$46.80
Dishwasher (dry cycle)	1,200	51.0	61.20	\$15.91
Dishwasher (wash cycle)	200	10.0	2.00	\$0.52
Deep Fryer	1,800	14.0	25.20	\$6.55
Espresso/Cappuccino Brewer	1,000	19.0	19.00	\$4.94
Frying Pan	1,200	14.0	16.80	\$4.37
George Foreman Grill	760	8.0	6.08	\$1.58
Hot Plate	1,200	12.5	15.00	\$3.90
Juice Extractor	300	3.0	0.90	\$0.23
Kettle	2,000	20.0	40.00	\$10.40
Microwave Oven 0.6 cu ft	750	15.0	11.25	\$2.93
Mixer (Hand)	100	10.0	1.00	\$0.26
Range(oven)	3,500	30.0	105.00	\$27.30
Range(self cleaning cycle)	3,500	5.0	17.50	\$4.55
Rice Cooker	650	30.0	19.50	\$5.07
Rotisserie	1,200	8.0	9.60	\$2.50
Toaster 2-slice	1,200	4.0	4.80	\$1.25
Toaster Oven	1,225	20.0	24.50	\$6.37

FOOD PRESERVATION

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMED BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Freezer				
- Auto defrost (15 cu ft)	440	480.0	211.20	\$54.91
- Manual defrost (15 cu ft)	350	480.0	168.00	\$43.68

Fridges

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMED BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
- Frost-free(17.5 cu. ft)	725	480.0	348.00	\$90.48
- Auto defrost (22 cu ft)	620	480.0	297.60	\$77.38
- Double-sided with water dispenser (26 cu ft)	650	480.0	312.00	\$81.12

LAUNDRY

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMED BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Clothes Dryer	3,500	24.0	84.00	\$21.84
Iron	1,000	16.0	16.00	\$4.16
Washing Machine				
- automatic (37 lbs)	425	24.0	10.20	\$2.65
- semi-automatic (26 lbs)	250	45.0	11.25	\$2.93
Water Heater - 30 gallon double element	4,500	120.0	540.00	\$140.40
Water Heater - 30 gallon single element	4,500	120.0	540.00	\$140.40

COMFORT CONDITIONING

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMED BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Air Conditioner 5,150 BTU	530	480.0	254.40	\$66.14
Air Conditioner 12,000 BTU	1,500	480.0	720.00	\$187.20
Air Conditioner (central) 2.5 tons	3,500	480.0	1,680.00	\$436.80
Air Purifier	90	1,440.0	129.60	\$33.70
Fan (circulating - 16")	115	480.0	55.20	\$14.35
Fan (ceiling)	70	480.0	33.60	\$8.74

HAIR & BEAUTY

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMED BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Blowdryer	1,400	7.0	9.80	\$2.55
Body Massager	40	25.0	1.00	\$0.26
Curling Iron	90	7.0	0.63	\$0.16
Foot Spa	65	25.0	1.63	\$0.42
Hair Dryer	1,400	12.0	16.80	\$4.37
Shaver	10	67.0	0.67	\$0.17

HOME ENTERTAINMENT

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMED BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
DVD Player	20	32.0	0.64	\$0.17
Home Theatre	300	370.0	111.00	\$28.86
CD, Tape, Radio, Receiver System	50	60.0	3.00	\$0.78
Stereo	50	60.0	3.00	\$0.78
Television				
- CRT (19")	120	370.0	44.40	\$11.54
- Flat screen (27")	120	370.0	44.40	\$11.54
- LCD (20")	70	370.0	25.90	\$6.73
- Plasma (42")	330	370.0	122.10	\$31.75
- Projection (53"-61")	170	370.0	62.90	\$16.35