



Household

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMER BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Ceiling Fixture (3 bulbs)	180	68.0	12.24	\$3.06
Chandelier (5 lamps)	300	68.0	20.40	\$5.10
Circular Saw 8.25 inch	1,800	7.0	12.60	\$3.15
Computer Laptop	50	75.0	3.75	\$0.94
Computer with s/woofer and 4 speakers	300	75.0	22.50	\$5.63
Computer (with printer)	200	75.0	15.00	\$3.75
Digital alarm clock	8	1,440.0	11.52	\$2.88
Floor Polisher	300	10.0	3.00	\$0.75
Garage door opener	350	3.0	1.05	\$0.26
Jacuzzi (maintain temp., 2 persons)	1,500	16.0	24.00	\$6.00
Lighting (60 watt equivalent compact fluorescent)	15	100.0	1.50	\$0.38
Lighting 60 watt (incandescent)	60	100.0	6.00	\$1.50
Power drill	500	7.0	3.50	\$0.88
Satellite Dish (includes receiver)	360	160.0	57.60	\$14.40
Security alarm	5	1,440.0	7.20	\$1.80
Sewing Machine	200	40.0	8.00	\$2.00
Shower Heater	3,000	27.0	81.00	\$20.25
Swimming pool filter motor (1.0HP)	1,500	1,440.0	2,160.00	\$540.00
Table Lamp (tri-light)	100	50.0	5.00	\$1.25
Vacuum Cleaner	1,560	13.0	20.28	\$5.07
Water Pump (1/2 hp)	440	96.0	42.24	\$10.56

Note:

- 1) Please note that the bi-monthly cost excludes VAT and customer charge.
- 2) The bi-monthly cost is calculated based on the price at the lowest tier of 25 cents per kWh.



Electricity... a cost you can control
 A public service message from the
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TRINIDAD AND TOBAGO ELECTRICITY COMMISSION



**Appliance usage and
its impact on your bill**



Electricity... a cost you can control



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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 truly represent usage in your home. However, they will 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 approximately calculated using the formula: **Watts=VoltsxAmps**. Note though that for appliances with motors this approximation can result in an overestimate of wattage of up to 25%.

To determine the cost of running appliances:

(wattage x hours used)/1,000=kWh
 kWh x cost per kWh= cost
 Cost per kWh >0.25



Food Preservation

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMER BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Freezer				
- auto defrost (15 cu ft)	440	480.0	211.20	\$52.80
- manual defrost (15 cu ft)	350	480.0	168.00	\$42.00
Fridges				
- frost-free(17.5 cu.ft)	500	480.0	240.00	\$60.00
- auto defrost (22 cu ft)	620	480.0	297.60	\$74.40
- double-sided (26 cu ft) with water dispenser	650	480.0	312.00	\$78.00



Food Preparation

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMER BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Barbecue Grill	1,400	9.0	12.60	\$3.15
Blender	375	6.0	2.25	\$0.56
Bread Maker	560	8.0	4.48	\$1.12
Broiler	1,500	8.0	12.00	\$3.00



Laundry

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMER BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Clothes Dryer	6,600	33.0	217.80	\$54.45
Iron	1,200	16.0	19.20	\$4.80
Washing Machine				
- automatic (20 lbs)	512	33.0	16.90	\$4.22
- non-automatic (6kg)	480	45.0	21.60	\$5.40
Water Heater - 30 gallon double element	4,500	280.0	1,260.00	\$315.00
Water Heater - 30 gallon single element	4,500	280.0	1,260.00	\$315.00

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMER BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Can Opener	175	2.0	0.35	\$0.09
Cake Mixer	275	16.0	4.40	\$1.10
Coffee Maker (10 cup)	900	19.0	17.10	\$4.28
Convection Oven	1,500	16.0	24.00	\$6.00
Cooktop (per element)	1,700	12.0	20.40	\$5.10
Dishwasher (dry cycle)	1,200	51.0	61.20	\$15.30
Dishwasher (wash cycle)	200	10.0	2.00	\$0.50
Deep Fryer	1,800	14.0	25.20	\$6.30
Espresso/Cappuccino Brewer	1,000	19.0	19.00	\$4.75
Frying Pan	1,200	14.0	16.80	\$4.20
George Foreman Grill	760	9.0	6.84	\$1.71
Hot Plate	1,200	12.5	15.00	\$3.75
Juice Extractor	300	3.0	0.90	\$0.23
Kettle	1,500	20.0	30.00	\$7.50
Microwave Oven 0.6 cu ft	700	22.0	15.40	\$3.85
Mixer (Hand)	100	10.0	1.00	\$0.25
Range (oven)	12,500	5.0	62.50	\$15.63
Range (self cleaning cycle only)	3,200	5.0	16.00	\$4.00
Rice Cooker	650	30.0	19.50	\$4.88
Rotisserie	1,100	6.0	6.60	\$1.65
Toaster 2-slice	1,400	6.0	8.40	\$2.10
Toaster Oven	1,550	20.0	31.00	\$7.75
Trash Compactor	400	2.5	1.00	\$0.25
Waffle Iron	970	11.0	10.67	\$2.67
Waste Disposer	420	12.0	5.04	\$1.26



Comfort Conditioning

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMER BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Air Conditioner 5,150 BTU	530	400.0	212.00	\$53.00
Air Conditioner 12,000 BTU	1,500	400.0	600.00	\$150.00
Air Conditioner (central) 2.5 tons	3,500	400.0	1,400.00	\$350.00
Air purifier	90	1,440.0	129.60	\$32.40
Fan (circulating - 16")	60	400.0	28.80	\$7.20
Fan (ceiling)	80	400.0	38.40	\$9.60
Bug zapper	40	400.0	19.20	\$4.80



Hair and Beauty

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMER BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
Blowdryer	1,875	7.0	13.13	\$3.28
Curling Iron	43	7.0	0.30	\$0.08
Foot Spa	65	25.0	1.63	\$0.41
Hair Dryer	1,875	7.0	13.13	\$3.28
Heating pad	65	8.0	0.52	\$0.13
Shaver	10	67.0	0.67	\$0.17
Sun Lamp	280	11.0	3.08	\$0.77
Vibrator (body massage)	40	25.0	1.00	\$0.25



Home Entertainment

	AVERAGE WATTAGE (WATTS)	EST. HOURS USED BI-MONTHLY	EST. kWh CONSUMER BI-MONTHLY	BI-MONTHLY COST (DOLLARS)
DVD Player	12	32.0	0.38	\$0.10
Home Theatre	300	370.0	111.00	\$27.75
CD, Tape, Radio, Receiver System	250	200.0	50.00	\$12.50
Stereo	100	164.0	16.40	\$4.10
Television - CRT (19")	85	370.0	31.45	\$7.86
- flat screen (27")	180	370.0	66.60	\$16.65
- LCD (20")	70	370.0	25.90	\$6.48
- plasma (42")	330	370.0	122.10	\$30.53
- projection (53"-61")	170	370.0	62.90	\$15.73
Video Cassette Recorder	40	180.0	7.20	\$1.80