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As electricity is sold by the unit, every month you pay for the number of units consumed by all the appliances used in your rate of 1 kilowatt [1000 watts] for one hour, it amounts to one unit. So, for one unit, a 100 watt lamp will run continuously for 10 hours, a 250 watt appliance will run for 4 hours and a 2000 watt induction home. When you consume electricity at the cooker will run for half an hour.

To help you understand one unit's worth of electricity, let's look at what you get for one or more units...

Please note that all figures are approximate and are based on average rating of the appliance.

LAMPS [Assuming 8 hours of use each day]

CFL

8 WATTS	for 15 days -	1 unit
11 WATTS	for 11 days -	1 unit
18 WATTS	for 7 days -	1 unit
23 WATTS	for 5 days -	1 unit

TUBE LIGHTS

40 WATTS (Plus 15 Watts Ballast Loss)
for 2 and 1/2 days -1 unit

REGULAR LAMP

60 WATTS	for approx. 2 days -	1 unit
100 WATTS	for 10 hours -	1 unit

AIRCONDITIONING UNIT [Split -type]

1 TON for **1 hour** usage - 2 units (approx.)
1.5 TON for **1 hour** usage - 2.5 units (approx.)

AIRCONDITIONING UNIT [Window-type]

1 TON for **1 hour** for usage - 1.5 units
1.5 TON for **1 hour** for usage - 2 units (approx.)

FANS

WALL/TABLE /CEILING

You can run a fan for **half a day** for 1 unit

EXHAUST FAN

Five days at **4 hours** a day - 1 unit

KITCHEN CHIMNEY

Approx **4 hours** of usage - 1 unit

REFRIGERATOR

165 - 180 Litres one day's operation is approx. 2 units

WASHING MACHINE

One hour's operation for 1 unit

WATER PUMP

1/2 HP approx. **3 hours** of operation for 1 unit

1 HP approx. **1.5 hours** of operation for 1 unit

CLOTHES IRON

One and half hour of ironing: 1 unit

GEYSER

Approx. 1 to 2 units **per day** for a family of 3 to 4 persons

IMMERSION HEATER

4 to 5 buckets of hot water - 1 unit

TELEVISION

5 to 8 hours of viewing — 1 unit

CD/ DVD PLAYERS/ RADIO

25 hours of music - 1 unit

COMPUTER

PC 3 to 4 hours of use - 1 unit

LAPTOP for a **full day** — 1 unit

MIXER CUM GRINDER

5 hours of operation - 1 unit

MICRO OVEN

1 hour heating - 1 unit



TOASTER

60 slices of toast - 1 unit

HAIR DRYER

6 ten-minute hair drying sessions - 1 unit

INDUCTION COOKER

1/2 an hour of use - 1 unit

MOBILE CHARGER

1 1/2 hour of use per day, approx., for one month - 1 unit



Please keep in mind...

When appliances, not in use, are kept plugged-in, they continue to use **STAND - BY - POWER**, generally called a "phantom load". As these loads increase the appliances' energy consumption by a few watt hours, you should avoid this by unplugging the appliances or switching off the power. When making an electrical purchase, always estimate the energy consumption and cost to operate the appliance.

Investing in an Energy-Efficient Product may save you mo in the long run.