













TABLE 1.1

Electricity Calculator

A handy illustration to calculate your own power consumption.

Appliances*	(a) Load (Watts)	(b) No of Appliances	(c) Consumption (Hours/Day)	Units/Months $\text{axbxcx30}/(1000)$
 Refrigerator (Small)	225	1	10	68
 Window Air Conditioner (1.5 ton) / Room Heater (Blower Type)	1800	1	5	270
 Cooler (Medium size)	170	1	8	41
 Table fan / Ceiling Fan	80	3	12	86
 Exhaust Fan	150	1	2	9
 Incandescent Bulb	100	2	2	12
 Tube Light with Cu choke	55	4	7	46
 Washing Machine	500	1	1	15
 Colour Television	120	1	6	22
 Pump Motor (1 HP)	740	1	1	22
 Geyser (Storage)	2000	1	2	120
 Computer	150	1	2	9
				720

*The list and figures are indicative. Please calculate for your appliance and check actual wattage.

You can calculate your own consumption by multiplying 'a' (wattage) x 'b' (No. of appliance) x 'c' (consumption hours/day) x 30 (days) and divide it by 1000 to convert watt to kilowatt

You can also log on to www.bsesselhi.com and check the on-line Energy Calculator.