

Energy Calculations

This table shows how much it costs to run electrical appliances for one hour.

Appliance	Approximate cost to run for 1 hour
Tungsten light bulb	0.5 pence
Energy efficient lamp	0.1 pence
Fluorescent strip light	0.2 pence
Television	0.8 pence
Television/CD player on 'standby'	0.1 pence
Radio	0.2 pence
Computer	1.2 pence
Electric heater	10.0 pence

Now work out how much money you could save – you will need a calculator for this.

	Roughly how many hours do you leave it switched on each week when it is not being used?	Cost (in pence) to run for 1 hour. Use the table above to find out.	Cost to run for 1 week
Ceiling light			
Bedside light			
Other light			
Television			
CD/Tape player			
Computer			
Radio			
Other....			
TOTAL COST TO RUN FOR ONE WEEK:			

Now work out how much money you could save IN A YEAR. (Remember there are 52 weeks in a year).

Money which you could save in one year by turning things off when they are not being used = £_____.