

1. Find out how much a unit (one kilowatt-hour) costs from an electricity supplier in your area. _____

Fill in the table below to find out how much you spend on electricity each day.

Item	Average daily use (hours)	Power rating (kW)	Units used per day (kWh)	Cost per day = units used x cost per unit
Low energy light bulb	8	0.02	$8 \times 0.02 = 0.16$	$0.16 \times \text{cost}$
Video/DVD		0.02		
60W light bulb		0.06		
Digital/cable box		0.09		
Fridge/freezer		0.10		
Television		0.17		
Stereo system		0.29		
Personal Computer		0.33		
Microwave		0.80		
Dishwasher (cold fill)		1.67		
Washing machine at 40°C		1.67		
Fan heater		2.00		
Washing machine at 90°C		2.53		
Tumble dryer		2.90		
Kettle		3.00		
Conventional oven		3.2		
Average daily cost of using these appliances (add up the right-hand column)				

2. Some suppliers charge different amounts for a unit (kilowatt-hour) of energy depending on the time of day. Night-time energy is usually cheaper. Why do you think this is?

3. Which devices could you use less to save energy and money?
