

Earth's Resources

Virtual LAB - 14.3
(Energy Consumption)
Pg. 658

How much energy is used in a house?

Question 1 :Which domestic electrical appliance uses the most electricity?

Question 2 :Is it possible for a three-member family to spend more on electricity than a five-member family? Explain.

Question 3 :How could you cut down on your own electricity consumption?

Question 4 :How much electricity would be used by a family of four living in this home, assuming that they conserve electricity carefully?

Question 5 :How much electricity would be used by a family of four living in this home, assuming that they use electricity extravagantly?

Question 6 :The following meter readings appeared on a monthly electric bill: 1st reading: 91879 kWh; 2nd reading a month later: 92714 kWh. If the cost per kWh is \$0.11, calculate the amount of the electric bill for that month.

Location	Appliances	Application Meter	House Meter
Bathroom	#1 -		
	#2 -		
	#3 -		
	#4 -		
Bedroom	#1 -		
	#2 -		
Kitchen	#1 -		
	#2 -		
	#3 -		
	#4 -		
Lighting	#1 -		
Living Room	#1 -		
	#2 -		
	#3 -		
	#4 -		
Utility Room	#1 -		
	#2 -		
	#3 -		
	#4 -		
		Total kWatts/hr	