

*Student Assignment #1*  
*Lighting Audit Worksheet for CFL Cost-Benefit Analysis*

Perform a lighting audit of your home.

1. List the number and wattage for each light bulb in a room.
2. Estimate the number of hours each light is in use on a daily basis.
3. Multiply to hours used by wattage of each bulb



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	Wattage	Number of bulbs per wattage type	Hours used per day, per bulb	Total Number of hours / day	Wattage x Hours	Watts per year
Example	60 W	6 bulbs	0.25h + 3h + 3h + 1h + 1.5h + 5h	12.75 h	765 Wh	765 Wh* 365 day/yr
Living Room	60 W					
	75 W					
	100 W					
	Other					
Dining Room	60 W					
	75 W					
	100 W					
	Other					
Kitchen	60 W					
	75 W					
	100 W					
	Other					
Bedrooms	60 W					
	75 W					
	100 W					
	Other					

	Wattage	Number of bulbs per wattage type	Hours used per day, per bulb	Total Number of hours / day	Wattage x Hours	Watts per year
Bathrooms	60 W					
	75 W					
	100 W					
	Other					
Hallways	60 W					
	75 W					
	100 W					
	Other					
Family Room	60 W					
	75 W					
	100 W					
	Other					
Outside Lights	60 W					
	75 W					
	100 W					
	Other					
<b>Total Watt hours (Wh)/year</b>						
<b>Total kilowatt hours (kW)/year 1000Wh = 1kWh</b>						