

School Energy Audit

Today the areas we are auditing are:

Head to your group's area. Once there, have a look at the appliances (including lighting) that are in the room. Think about how often they are used: Everyday? Once a week? Once a month? Rarely? Never? Only in summer or only in winter? And where is the energy being wasted? For example, are lights being left on in unoccupied rooms?

Purchased electricity Emission Factors (EF)	
VIC = 0.85	WA = 0.51
QLD = 0.73	ACT = 0.73
SA = 0.25	NSW = 0.73
TAS = 0.17	NT = 0.54

Appliance (how many?)	Power Rating (W)	This x this = this		Total hrs per year (T)	Watt hours (W x T) = Wh	Kilowatt hours (Wh ÷ 1000) = kWh	and this goes here		
		Hours on per day	Days on per year				CO2e emissions per 1 (kWh x EF) = CO2e (Kg)	Total KgCO2e emissions (CO2e x # of appliances) = Kg	
example: LED light bulb (10)	8	10	200	2000	16000	16	16 x 1.17 = 18.72	187.2 kg CO2e	
								Total =	KgCo2e

This [↑] x this [↑] = this [↑] and this goes here [↪]

