

Activity 2: calculate how much electricity is used each day in your household

Activity	Watts per hour	No of hours used per day	No of appliances	Total per appliance per day	Total per appliance per 30 day month	% of total
LIGHTING						
'normal' old style bulb	100w					
	60w					
CFL energy efficient bulb	12w					
	18w					
Security light	120w	0.3				
COOKING						
kettle	1900w					
Toaster	1010					
Coffee machine	670					
Frying pan	1250					
Stove	3000					
Electronic						
DSTV	28					
Burglar alarm	10					
computer	134					
Cell phone charger	9					
CD/MP3 player/IPAD	9					
Hairdryer	647					
geyser						
electric	2600					
Refrigeration and heating						
Fridge and freezer	158					
Cleaning equipment						
iron	980					
Tumble dryer	3300					
Washing machine	3000					
Pool pump	10					
TOTAL						

Sources City of Cape Town;

PLEASE NOTE: I have not attempted to be 100% accurate with energy usage per activity, it is more intended to create awareness and improve math skills