

Audit your own home with this form!

Energy Audit Form

Date of Audit						
House Owner (name)						
Address						
House Type Double-storey / Single-storey ; Terrace house / Bungalow / others						
No. of People						
Monthly Bill (RM)		Electricity		Gas		Petrol
Household Income Monthly (please circle)		Less than RM1000	RM1000 – RM2500	RM2501 – RM5000	RM5001 – RM8000	More than RM8000
Item	No.	Rating	Age of Equipment	Type of Energy	Usage (average 30 days)	Total Energy Used (a month)
		Watts	Years	Electric/Gas	hrs/month	kWh
Kitchen						
Refrigerator					432*	
Kettle						
Rice Cooker						
Microwave Oven						
Oven (Elect./Gas)						
Stove						
Toaster						
Blender						
Dishwasher						
Cooker Hood						
Bathroom/Laundry						
Water Heater						
Washing Machine						
Iron						
Hair Dryer						
Clothes Dryer						
Living Room/Bedroom						
Fan						
Television						
Radio						
Computer						
Air Conditioner (1.0hp)						
Air Conditioner (1.5hp)						
Lighting						
Incandescent Lamps (60W)						
Incandescent Lamps (80W)						
Incandescent Lamps (100W)						
Flourescent Lamps (18W)						
Flourescent Lamps (32W)						
Compact Flour. Lamps (5W)						
Compact Flour. Lamps (11W)						
Compact Flour. Lamps (15W)						
Others						
Vacuum Cleaner						
					Total (kWh)	

* This figure is 60% of 720 hours (24 hours x 30 days x 60% = 432 hours) Because the fridge compressor does not work all the 24 hours a day.

Calculate Electricity Cost

Usage Cost Breakdown	First 200 kWh	200 to 800 kWh	> 800 kWh	
Unit Cost	RM 0.218	RM 0.256	RM 0.278	
Calculated Units				
Calculated Cost				Total Calculated Cost

Transportation	Engine Capacity (cc)	Age of Vehicle (years)	Fuel Type (petrol / diesel)	Monthly litres	Monthly cost (RM)
Vehicle 1 (Work/Leisure)					
Vehicle 2 (Work/Leisure)					

Notes:

- The estimated power consumption for equipment can be obtained from Table A if the equipment rating or the user manual is not available.
- Analyze energy usage space by space.
- It is much appreciated if you are able to forward a copy of your home's audit form to us. Your form will assist us in setting up a profile of energy usage in Malaysia. Rest assured all information in the profile will be anonymous. You may send the form to us via:

Post: 17, Jalan SS2/53, 47300 Petaling Jaya, Selangor
 Email: tcddc@cetdem.org.my / ocddc@cetdem.org.my
 Fax: 03 – 7875 4039

SAMPLE CALCULATION:

House Type	Double-storey Terrace House					
No. of People	6					
Ave Monthly Bill (RM)	Electricity	150	Gas	1 cylinder	Petrol	600
Household Income Monthly (please circle)	Less than RM1000	RM1000 – RM2500	RM2501 – RM5000	RM5001 – RM8000	More than RM8000	
Item	No.	Rating	Age of Equipment	Type of Energy	Usage (average 30 days)	Total Energy Used (a month)
		Watts	Years	Electric/Gas	hrs/month	kWh
Kitchen						
Refrigerator	1	300	2	Electric	432	129.6
Rice Cooker	1	600	3	Electric	15	9.0
Oven (Elect./Gas)	1	-	6	Gas	30	1.0 cylinder
Bathroom/Laundry						
Water Heater	1	3000	3	Electric	30	90.0
Washing Machine	1	350	4	Electric	10	3.5
Living Rm/Bedroom						
Fan	5	75	8	Electric	600	45.0
Television	1	60	5	Electric	150	9.0
Computer	1	120	5	Electric	100	12.0
Air Conditioner (1.5hp)	1	1000	3	Electric	300	300
Lighting						
Incandescent Lamps (60W)	5	60	5	Electric	100	6.0
Flourescent Lamps (32W)	10	32	5	Electric	100	3.2
Compact Flour. Lamps (11W)	3	11	5	Electric	100	1.1
					Total (kWh)	608.4

Total calculated cost = RM148.15