



Kerala State Energy Conservation Award for the year 2023  
Pro forma to substantiate the achievements in energy conservation



**Large scale energy consumers/ Medium scale energy consumers/  
Small scale energy consumers**

Please fill this pro forma and return to [ecawardsemc@gmail.com](mailto:ecawardsemc@gmail.com) or to the address given below. Use additional sheets, if required

1	Name of the unit						
2	Address						
3	Tel. no. with code		Fax no.				
4	E-mail						
5	Website						
6	Designated consumer		Yes/No				
7	Nature of business		7.Capital invested				
8	Product / Product mix (Give product name and specifications)						
9	Tariff Category/Slab (EHT/HT/LT/ [I, II....])						
	Contract Maximum Demand in kVA						
	Average Recorded (2022-23) MD in kVA						
	Annual Electrical Energy Consumption in Million kWh (MU) (including self generation)						
	Last energy audit conducted on:						
10	Last energy audit conducted by: (Give name and address)						
	Frequency of Energy Audit: (Please put a ✓ from the options given )		Once in a year				
			Once in two years				
			Once in three years				
		Other, Specify					
11	Energy conservation activities undertaken during the last 3 years						
	Year	Project/Program/Activity Title	Category (Put code no. from below)	Project cost (Rs.lakhs)	Annual Savings		Total
					Electricity (MU)	Fuel (Litres)	cost savings (Rs.lakhs)
	2022-2023						
	2021-2022						
	2020-2021						
	<b>Category</b>	<b>Code no.</b>	<b>Category</b>	<b>Code no.</b>	<b>Category</b>	<b>Code no.</b>	
	House keeping	A	Interfuel substitution	C	Cogeneration	E	
	Efficient operation	B	Technology up gradation	D	Others	F	
12	If you have received any energy conservation awards in last 2 years, mention the year and details.						
13	Name of Energy Manager (If BEE Certified give Certification Number)			Name			
				BEE Certification Number			
				Designation/ Reporting to			
				e-mail			
		Telephone					





14	Furnish the details of Energy Policy and Energy Conservation Committee/Cell/Circles functioning in your organization. (use additional sheets if required)	
15	Details on training programs/campaigns in energy Conservation organized/conducted in 2022-23.	
16	Details of innovative technologies implemented in energy efficiency and conservation:	
17	Whether ISO 50001 certified or not	
18	Do you have plans for ISO 50001 certification.	
19	Details of renewable energy projects:	

Details to be attached as follows

1. Unit Profile ( 100 words)
2. Energy Management Policy
3. Energy Consumption details as follows

		UNIT*	2020-2021	2021-2022	2022-2023
Annual Production	Product 1	MT			
	Product 2	MT			
	Product 3	MT			
Total annual Manufacturing Cost in Rs. (lakhs)		Rs. Lakhs			
Total annual Energy Cost in Rs. (lakhs)		Rs. Lakhs			
Energy Cost as % of Production cost		%			
Total Electrical Energy purchased		kWh (lakhs)			
Total Electrical Energy Generated		kWh (lakhs)			
# Fuel used for Power generation (specify type of fuel)		Ton			
Total Thermal Energy Consumption (Except fuel used for power generation)	Furnace Oil	Ton			
	Coal	Ton			
	HSD	Ton			
	Natural Gas	Ton			
	Others	Ton			
Specific Electrical energy consumption (if possible normalize to one product)		Specify Units			
Specific Thermal Energy consumption(if possible normalize to one product)		Specify Units			

\*(Specify the unit if the unit is other than given in the table)

4. Specification of Captive power plants (Rating in kVA and specification of DG set/ TG set)
5. If Cogeneration, specification of Cogeneration plant ( with schematic diagram)
6. Graphical Representation Of Specific Energy Consumption
7. Energy conservation cell structure
8. Major Energy Conservation Projects Implemented During The Year 2022-23 (brief description with photo)
9. Other projects implemented during 2022-23.
10. Energy Conservation Plans and Targets (Energy Saving Measure, Amount Investment Project, Saved in Rs. Lakhs).
11. Details regarding Environment and Safety.
12. Annual Report. (**Only for Large Scale Consumers**, preferably for three years; *optional for Medium, Small Consumers*).
13. Whether applied/submitted for any CDM Program, if YES give brief details

# Specify the Type and Gross Calorific value of the fuel used

It is certified that the enterprise/organization is presently following all the statutory requirements pertaining to safety and pollution control and the facts stated above are true and correct to the best of my knowledge and belief.

Date

Place

(Office Seal)

Name & Designation:

Please return to: The Director, Energy Management Centre-Kerala, Dept. of Power, Govt. of Kerala, Sreekrishna Nagar, Sreekariyam, P.O., Thiruvananthapuram 695 017.

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