



Kerala State Energy Conservation Award for the year 2018
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 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 | 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 (2017-18) MD in kVA | | | | | | |
| | Annual Electrical Energy Consumption in Million kWh (MU) (including self generation) | | | | | | |
| 10 | Last energy audit conducted on: | | | | | | |
| | 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) |
| 2017-2018 | | | | | | | |
| 2016-2017 | | | | | | | |
| 2015-2016 | | | | | | | |
| | Category | Code no. | Category | Code no. | Category | Code no. | |
| | 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 3 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 2016-17. | |
| 16 | Details of innovative technologies implemented in energy efficiency and conservation: | |
| 17 | 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* | 2015-2016 | 2016-2017 | 2017-2018 |
|---|-------------|---------------|-----------|-----------|-----------|
| 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 2017-18 (brief description with photo)
 9. Other projects implemented during 2017-18.
 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 Type and Gross Calorific value of the fuel used

It is certify that the enterprise/organization is presently following all the statutory requirements pertaining to the 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)

Signature of CEO/ Unit Head
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. Telephone: 0471-2594922. E-mail: ecaward@keralaenergy.gov.in

