

09.30 - 10.00 hrs Registration

INAUGURATION

- 10.00 - 10.15 hrs Welcome: **Dr. R. Harikumar** Head ET&R, EMC
- 10.15 - 10.30 hrs Inaugural Address: **Shri. K. M. Dharesan Unnithan** Director, EMC
- 10.30 - 10.35 hrs Vote of Thanks: **Shri. B. V. Subhash Babu** Energy Technologist, EMC
- 10.35 - 10.45 hrs Tea

TECHNICAL PRESENTATION – HIGHLIGHTS

Chair **Er. A. M. Narayanan** Head EED, EMC
 10.45 - 11.30 hrs **'Implementation of Energy Efficiency Projects – Factors to consider'**
Dr. U. V. K. Rao, Chief Executive, UVK Associates



11.30 - 12.15 hrs Travancore Cochin Chemicals Ltd.

- Zero gap Electrolysers in 125 TPD Caustic soda plant
- Cooling Tower Pump- Motor unit replacement
- Chlorine gas recuperator
- Multi Fuel Boiler

13.00 - 14.00 hrs Lunch

14.00 - 14.45 hrs Cochin International Airport Limited



- 12 MWp Solar energy plant
- Energy saver for high mast panel no.9
- CFL periphery road lighting
- Replacement of capacitor banks in terminal substation
- LED illuminated wind cone



12.15 - 13.00 hrs HLL Lifecare Limited

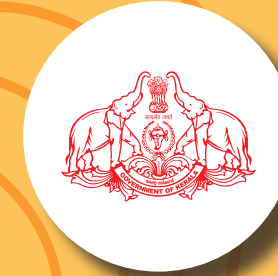
- Condensate Recovery System with Flash Chamber for recovering condensate water.
- Replacement of conventional type Cooling Tower with new Advanced Energy Efficient Twin Cell Cooling Tower.
- Installation of Sky Lighting in Storage Area.
- Installation of New Energy Efficient VFD Driven Air Compressor with Advanced Low PPM Moisture.
- Refrigerant type Air Dryer & 3M³ Air Receiver.
- New High Speed Labeling Machine with State of Art Technology

14.45 - 15.15 hrs 'Enabling Continuous Energy Performance Improvement through ISO 50001'

Dr. J. Nagesh Kumar Former Dir., NPC

- Systems approach; PDCA Cycle
- Implementing EMS as per ISO 50001
- Documentation; Certification process Roadmap

- 15.15 - 15.30 hrs Tea
- 15.30 - 16.00 hrs Valedictory Session



KERALA STATE ENERGY CONSERVATION AWARD SCHEME

SENSITISATION PROGRAMME AND BEST PRACTISES CASE SHARING WORKSHOP

29 June 2016 | EMC, Sreekrishna Nagar
 Sreekariyam P.O Thiruvananthapuram



ENERGY MANAGEMENT CENTRE

(State Designated Agency to enforce Energy Conservation Act 2001)
 Department of Power, Government of Kerala

Sreekrishna Nagar, Sreekariyam P.O Thiruvananthapuram 695017

Tel: 0471-2594922, 2594924 ▶ Fax: 0471-2594923
 ecaward@keralaenergy.gov.in ▶ www.keralaenergy.gov.in



KERALA STATE ENERGY CONSERVATION AWARD SCHEME



Since 1997 Government of Kerala through Energy Management Centre (EMC) -State Designated Agency of Bureau of Energy Efficiency, Ministry of Power Govt of India have been awarding the Kerala State Energy Conservation Awards to honour outstanding Energy Conservation and energy efficiency efforts in the State. Awards will be conferred at a public function on 14th December, the National Energy Conservation Day. Kerala State Energy Conservation Award scheme

starts with a sensitisation campaign. In the sensitisation campaign previous year's award winning institutions present their success stories (successful energy conservation/energy efficiency measures which help them to fetch Kerala State Energy Conservation Awards). Last year more than 300 participants attended the sensitisation program. From the feedback received from the participants of sensitisation camp it is learned that they could replicate some of the energy conservation/energy efficiency measures presented by the Award winners.

WHO CAN PARTICIPATE ?

The scheme is open to all enterprises, organisations, individuals and key stake holders in the State of Kerala. Applications will be invited for the award pertaining to the financial year in different categories. In the Last year applications were invited in the following categories.

- Large Scale energy consumers
- Medium Scale energy consumers
- Small scale energy consumers
- Individuals
- Institutions & Organizations
- Buildings

The qualifying period for the award is the previous financial year from 1st April to 31st March. However, as conservation efforts require longer period for implementation in some cases, the work in this direction for the immediate past 3 financial years will also be reviewed. In case of enterprises the basis would be the percentage energy savings by deliberate efforts. Weightage will be given for technology used, measures such as housekeeping, inter-fuel substitution, changeover to sustainable practices, replicability, structured approach, innovation, etc. While for non-profit organizations, formulation of promotional schemes,

implementation of energy conservation activities, people's participation, research activities, etc would be the criteria. Research and Innovation would be assessed based on their merit of proposal, results achieved, scope for replication etc. In the case of individuals, the assessment would be based on outstanding nature of their activities.

The State Level Monitoring Committee for Energy Conservation in Kerala in its sittings will approve the Award scheme. A Judging Committee with energy experts will be constituted by the State Level Committee to evaluate the shortlisted applicants (by the technical secretariat in EMC). Evaluation will be conducted by scrutiny of information gathered, later supplemented by visit to the institutions, if required. Based on the recommendation of Judging Committee, the awards will be finalized by the State level Monitoring Committee.

The awards are proposed to be given in the form of a Plaque with appropriate citation on such award, as may be decided by the State Level Monitoring Committee for Energy Conservation in Kerala. Awards will be conferred at a public function on 14th December, the National Energy Conservation Day.

In continuation to the award scheme all the participants of the award scheme will get an opportunity to visit the award winning industries and to understand the energy efficiency and conservation measures adopted by them. Last year through this scheme participants got an opportunity to visit institutions like Travancore Cochin Chemicals Ltd, HLL Lifecare Limited Akkulam Factory and Hotel Vasundhara Sarovar Premiere.

This year visit to National Energy Conservation awards winning institutions is also planned for State level energy conservation award winners.



Register your nomination for participation in Kerala State Energy Conservation Award sensitisation program to

ecaward@keralaenergy.gov.in
on or before **19th June 2016**.

The workshop is scheduled on 29th June 2016 at the new green building of EMC located at Sreekaryam, Trivandrum.

Registration is free of cost, however seat will be limited to those who have registered and received confirmation mail

Contact for more details:

Mr. Muhamed Jishad T K
Project Engineer, EMC
Mob: 9746 79 1918

Application for Energy Conservation Award will be called during the month of August. Please visit our website for updates.