



One day Conference on Latest Trends in Use of Energy Efficient Equipment

19 January 2007, Federation House, New Delhi

Commercial energy consumption in India has grown in the last five decades. The current per capita consumption of electricity in India is about 408 kwh, which is well below than that of developed countries. Driven by rising population, expanding economy and a quest for improved quality of life energy usage in India is expected to rise to around 932 kwh in 2012. India's energy intensity is high compared to Japan, US and Asia as a whole. This indicates inefficient use of energy with substantial scope for energy savings.

Energy supply projects are highly capital intensive. Inadequate availability of energy resources affects the economic growth and in fact the lives of the citizens. Hence it so imperative that energy resources are consumed rationally and economically thereby eliminates wastages and losses to the extent possible. The goal of sustainable development, increasing concerns on environmental pollution, global climate change and ever increasing gap between demand and supply has made energy conservation integral part of our development programme.

Recognising this important need **FICCI** and **Petroleum Conservation Research Association (PCRA)**, a wing of the Ministry of Petroleum & Natural Gas, Govt of India is organizing a **one day Conference on Latest Trend in Use of Energy Efficient Equipment** on 19th January 2007 at Federation House, Tansen Marg, New Delhi. The details of the program is enclosed herewith.



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Latest Trends in Use of Energy Efficient Equipment
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Highlights

- ❖ Overview of Latest Trends in use of Energy Efficient Equipments
- ❖ Energy conservation through
 - Energy Efficient Motors
 - Variable Frequency Drives
 - Soft Starters
 - Energy Efficient Light systems
 - Controls & Sensors
 - Light Emitting Diodes (LED)
 - Auto Maximum Demand (MD) Controller
 - Automatic Power Factor Controller
 - Efficient Burner Technology
 - Waste Heat Recovery Technologies
 - Energy Efficient Lubricants

Target Group

The target groups are practicing engineers/managers in core process sectors like Aluminium, Cement, Chemicals, Iron & Steel , Petrochemicals, Pulp & Paper, Sugar, Refineries , Fertilisers , Pharmacueticals , Food process Industries, Chlor Alkali, Thermal Power Plants. In addition to this facility engineers/ managers from Government / Private/ corporate may also attend.

Faculty

Apart from the experienced consultants of FICCI and PCRA, experts will be drawn from **Government organisations, consultants, leading equipment manufacturers** to make presentation on various topics.

Duration & Venue

Date : 19 January 2007 (1000 hrs to 1730 hrs,)
Venue : Federation House, Tansen Marg, New Delhi-110001

Nomination Fee

To meet the expenditure, a nomination fee of **Rs 2000/- per candidate** is charged, which shall be payable by Cheque/DD drawn in favour of **Federation of Indian chambers of Commerce and Industry, New Delhi**

Fore more information kindly contact:

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Sno	Title		Time	
DAY-1 : 19th JANUARY 2007				
INAUGURAL SESSION				
Welcome Address	Mr B Sam Bob	Executive Director, PCRA	1005	1015
Keynote Address	Dr Ajay Mathur	Director General, BEE	1015	1030
Inaugural Address	Mr Anil Razdan	Add. Secretary, MOP&NG, GOI	1030	1040
Vote of Thanks	Mr Rajan Kohli	Dy. Secretary General, FICCI	1040	1045
Tea/ Coffee Break			1045	1100
SESSION I : Industrial drive system				
1.	Energy Efficient Motors Mr. R. K. Paul, GM (Mktg.), Bharat Bijlee Ltd., New Delhi		1100	1120
2.	Variable Frequency Drive & Soft Starters Mr. John Kochi Kutty, Manager (Tech.) Larsen & Toubro Chennai		1120	1140
3.	Recent Advancements in VFD Technology Mr. Vijay P Singh, Manager (Tech.) Siemens New Delhi		1140	1200
SESSION II : Lighting System				
4.	Energy Efficient lights Mr. Gurpreet Singh Sethi, GM (Mktg.), Osram Electricals Ltd. New Delhi		1200	1220
5.	Controls and Sensors Mr. Nitin, GM (Mktg.), Osram Electricals Ltd. New Delhi		1220	1240
6.	Lighting Voltage Transformers Mr. Alok Jaipaty, Beblec India(P) Ltd., Bangalore		1240	1300
7.	Light Emitting Diodes (LED) Mr. Jayraman, Manager (Mktg.) SECO India Ltd., Chennai		1300	1320

Lunch break			1320 hrs - 1415 hrs	
Session III : Thermal Utilities				
8.	Energy Efficient boiler	Mr.Rajesh Madiwale, Head(Product Mgmt.) Thermax Ltd., Pune	1415	1435
9.	Thermal Insulations	Mr.K.K.Mitra, GM (Technical), Lloyds Insulation New Delhi	1435	1455
10.	Energy Efficient Burner	Mr.Rajesh Madiwale, Head(Product Mgmt.) Thermax Ltd., Pune	1455	1515
11.	Waste Heat recovery	Mr.Rajesh Madiwale, Head(Product Mgmt.) Thermax Ltd., Pune	1515	1535
SESSION IV : Demand Side Management				
12.	Automatic MD Controller	Mr. K Subramaniam, Manager (Tech.), Larsen & Toubro Chennai	1535	1555
13.	Auto PF Controller & Harmonic Control	Mr. Puneet Sharma, GM (Mktg.) Cummins Cummins	1555	1615
Tea/Coffee break			1615 hrs – 1630 hrs	
SESSION V : Special Topics				
14.	Energy Audit Equipment	Mr. Sanjay Goyal, Jt. Director, PCRA	1630	1700
15.	Energy Efficient Lubricants	Mr. V. P. Deshmukh, Chief Research Mgr, IOCL (R&D) Faridabad	1700	1730