

ALL INDIA SEMINAR ON ENHANCED ENERGY EFFICIENCY

November 24 & 25, 2010

Venue : Visvesvaraya Bhavan, Khairatabad, Hyderabad



Esteemed Sponsor

NEDCAP

STATE NODAL AGENCY, GOVT. OF ANDHRA PRADESH

Supported by

Electrical Engineering Division Board, IEI

Organised by

ENERGY CONSERVATION MISSION

The Institution of Engineers (India)

ANDHRA PRADESH STATE CENTRE

Khairatabad, Hyderabad - 500 004.



THE ORGANISERS



The Institution of Engineers (India) is the oldest and largest professional body for the engineering community in India. **The Institution, with Headquarters in Kolkata, has 94 Centres in all states and serves the community in a variety of ways.** It organises seminars and events all over the country on topics of national importance and professional significance to engineers and other related professions.



Energy Conservation Mission a wing of The Institution of Engineers (India), APSC has been **functioning with a special focus on Energy Efficiency, Renewable Energy and Cleaner Environment from 2003.** It has organised several Seminars / Workshops / Competitions dedicated to all sectors of the Society.

INTRODUCTION

In the current energy scenario, there is urgent need not merely to improve energy efficiency but to achieve much higher levels of energy efficiency in both energy generating and consuming activities in the country.

Demand supply gap in power sector has persisted despite capacity additions, plan after plan. This gap can be bridged only through conservation of energy for which there exists a vast potential in the consuming sector.

Imported fuels are substantially used in Power and Transport Sectors. Increasing dependence on imports poses a threat to energy security and energy independence. Self imposed discipline to minimize the use of these fuels is imperative to face the threat and save foreign exchange.

Fossil fuels are at the brink of extinction the world over. They should be utilized with utmost efficiency lest they should be exhausted before the advent of the era of renewables. The world is duty-bound to save posterity from groping in darkness.

India is developing fast and is aspiring to gain the status of a developed nation. An inefficient nation cannot fulfil such an aspiration. Energy efficiency of the highest order is inevitable in every sector to go world class and remain so.

Global concern for climate change was shared by India with utmost responsibility both in the comity of nations and in the domestic scene. A national plan to combat the climate change has been launched with eight National Missions focussing on eight areas influencing the phenomenon. As the major contributor, energy was assigned the highest priority. Two energy related missions, viz., i) National Solar Mission and ii) National Mission on Enhanced Energy Efficiency have been brought into being.

Energy Conservation Mission (ECM), an integral wing of The Institution of Engineers (India), Andhra Pradesh State Centre, has acted fast and organized an All India Seminar on Green Power Revolution on January 21 & 22, 2010, inviting experts from all over the country to engender the spirit of revolution in renewable energy sector, in general, with a special focus on objectives of National Solar Mission. Recommendations for specific action were communicated to various agencies concerned in Government and Private Sectors.

ECM is now embarking on the organization of an All India Seminar on Enhanced Energy Efficiency to initiate a national debate on all aspects of the subject with a special focus on the initiatives of the National Mission on Enhanced Energy Efficiency. This is a proactive measure of the Institution of Engineers (India) in support of the movement proposed to be spread by the Bureau of Energy Efficiency, Ministry of Power, Govt. of India, under the overall guidance of the Prime Minister's Council on Climate Change.

CONTENT AND FORMAT

The concept of the Seminar is derived from the National Mission on Enhanced Energy Efficiency (NMEEE). A high degree of energy efficiency, otherwise termed as 'enhanced energy efficiency' calls for drastic cuts in wastage of energy, plugging energy leaks, quantum reduction in energy consumption through innovative process modifications, use of highly energy efficient products (5-star etc) and use of renewable energy. The initiatives of the NMEEE to incentivise enhanced energy efficiency are (i) Perform, Achieve and Trade (PAT) scheme which is a national replica of the international CDM (ii) Market Transformation for Energy Efficiency (MTEE) by making star labeled or otherwise energy efficient, products available in the market at affordable prices through innovative application of CDM financing, (iii) Financing of Energy Efficiency including tax incentives to Energy Services Companies (ESCO's), Venture Capital Fund, Revolving Fund, Partial Risk Guarantee Facility (iv) Power Sector Technology Strategy which includes use of super critical boilers in new plants, greening of existing plants through enhancement of energy efficiency and total / partial shift to green fuel and (v) Restructure of BEE and State Nodal Agencies to make enhanced energy efficiency happen, including setting up of Energy Efficiency Services Company in Public Sector.

Innovative ideas within the above framework and beyond will be presented by eminent invited speakers and discussed at the Seminar.

ECM is of the firm conviction that results have to be achieved at the end of any effort. Case studies of identified achievers of enhanced energy efficiency, as recognised at the national level, will be presented for the benefit of the aspirants. Innovative and creative ideas in their achievements will be highlighted by the achievers and their aids (consultants and catalysers, and ESCO's). Measures resulting in quantum savings, sans pollution, will be targetted for discussion.

Outsourcing being the order of the day, greening the supply chain also will prominently figure in these discussions. Reduction in embedded energy comprising carbon foot-print will also be discussed.

The focus on the three aspects of Act enforcement, dynamic motivation and recognition for actual achievement is expected to help in the identification of barriers and drivers of enhanced energy efficiency in the country. Critical issues are proposed to be discussed in a closing plenary discussion, leading to recommendations for specific action by government agencies, regulatory bodies, financial institutions and industry.

EXHIBITION

In order to give a glimpse of enhanced energy efficiency to the participants of the Seminar and also to motivate the public to practice the concept, a '**Save Energy – 2010**' Exhibition of Energy – Smart (Star labeled etc) products is also being organized from November 25 to 28, 2010 at the venue of the Seminar. Besides 1) Frost – free Refrigerators 2) Tubular Fluorescent Lamps 3) Split Air Conditioners 4) Direct cool Refrigerators 5) Distribution Transformers 6) Motors 7) Pump-sets 8) Ceiling Fans 9) LPG Stoves 10) Colour TV's & 11) Storage Water Heaters, already covered under BEE's Star Labeling program, several other futuristic Star qualifying products, CFL's, LED's and renewable energy items would be on display at the exhibition. The exhibitors will be persuaded to make attractive offers to consumers to exchange old inefficient products with star rated products. Prospective exhibitors may contact Er R Gopala Krishna, Principal Coordinator, Exhibition, Cell No 9391001479 or the Organising Secretary of the Seminar for details.

TENTATIVE PROGRAMME SCHEDULE

November 24, 2010 (Wednesday)

- 0830 - 0930 Hrs : Registration
0930 - 1100 Hrs : Inaugural Session
1100 - 1130 Hrs : Coffee
1130 - 1300 Hrs : **Technical Session -1**
Climate Change : Indian Perspective
1300 - 1400 Hrs : Lunch

- 1400 - 1530 Hrs : **Technical Session – 2**
NMEEE : Policies and Initiatives
- 1530 - 1600 Hrs : Tea
- 1600 – 1730 Hrs : **Technical Session – 3**
NMEEE – Renewable Energy Interface

November 25, 2010

- 0930 – 1100 Hrs : **Technical Session -4**
Innovative Rating / Certification systems for
Enhanced Energy Efficiency
- 1100 – 1130 Hrs : Coffee
- 1130 – 1300 Hrs : **Technical Session -5**
Enhanced Energy Efficiency products,
processes & Services
- 1300 – 1400 Hrs : Lunch
- 1400 – 1530 Hrs : **Technical Session -6**
Achievements in Enhanced Energy Efficiency
– Case Studies
- 1530 – 1600 Hrs : Tea
- 1600 – 1700 Hrs : **Panel Discussion**
- 1700 – 1730 Hrs : **Valedictory Session**

PARTICIPATION

Experts and Officials from central and state government bodies, regulatory authorities, utilities, industry, energy services companies (ESCO's) and financial institutions are expected to participate in the Seminar. Interested participants from these organisations as well as from academic, research & consultancy organisations and all those who wish to partner the EEE movement are welcome to register and attend the event.

Presentation of papers will be mostly by Invited Speakers both from Government & Private Organisations.

VENUE

The Seminar will be held at Visvesvaraya Bhavan, The Institution of Engineers (India), Andhra Pradesh State Centre, Khairatabad, Hyderabad – 500 004.

ADVERTISEMENT TARIFF:

A Technical Volume in A4 size will be brought out on this occasion for distribution to the delegates as well as to various related organizations across the country. Advertisements will be accepted from interested organizations for publication in the Technical Volume. The tariff is indicated below:

Back Cover (Outside) Multi Colour	Rs. 25,000/-
Front Cover (Inside) Multi Colour	Rs. 20,000/-
Back Cover (Inside) Multi Colour	Rs. 15,000/-
Full Page Multi Colour (Inside)	Rs. 12,000/-
Inside Full Page (Black & White)	Rs. 8,000/-

SPONSORSHIP

1) Sponsorship opportunities are available to corporate bodies as well as government agencies to support the organisation of the event. Sponsorship will be acknowledged by inclusion of the sponsors' names and logos on backdrops, banners and the Technical Volume / Proceedings of the seminar. The following are the rates and benefits of sponsorship.

- a) **Patron** : **Rs. 2,00,000** ; Up to 6 delegates will be registered free.
- b) **Sponsor** : **Rs. 1,00,000** ; Up to 4 delegates will be registered free.
- c) **Co-sponsor** : **Rs.50,000 to Rs. 1,00,000**; Up to 2 delegates will be registered free.

2) Sponsorship opportunities are also available for the following items and benefits, such as in para-1 above, accrue.

- a) **Lunch per day** : **Rs. 75,000/-**
- b) **Delegate Kit** : **Rs 50,000/-**

Patrons and Sponsors can also exhibit their products/literature on display tables at the Seminar / Exhibition.

Patrons / Sponsors are requested to confirm their sponsorship and send their contributions latest by October 31, 2010.

REGISTRATION

Registration of delegates will begin on October 1, 2010 and will be done at **special rates till October 31, 2010 and at normal rates thereafter.** The following registration fees will be applicable to different categories of delegates:

S. No.	Category of Delegates	Registration fee upto 31.10.2010 (Special) (Rs.)	Fees after 31.10.2010 (Normal)(Rs.)
1.	Members of IEI (Individual)	1000	1200
2.	Non-members (Individual)	1200	1500
3.	Sponsored delegates from Education Institutions	1200	1500
4.	Sponsored delegates from all other organisations	1600	2000
5.	Students (with letters from Principals or HODs)	500	750

Registration fee covers attendance at all seminar sessions and allied events, registration kit, technical volume and coffee, tea and lunch on both days of the seminar. **Registration kits including badges will be kept ready for all delegates who register by 31.10.2010.** Please register by this date to get the benefit of lower rates. Only a limited number of students will be accepted on ‘first – come – first – served’ basis.

PAYMENTS

All payments towards sponsorship and registration fees may be made through A/c Payee cheque or draft in favour of “**IEI – Energy Conservation Mission - APSC**” payable at Hyderabad. Payments may be made in cash towards spot registration on the days of the seminar. However, it will be appreciated if advance intimation by e-mail is sent at least five days in advance for necessary arrangements.

CONTACT INFORMATION

All correspondence concerning organisation, sponsorship and participation may be addressed to The Organising Secretary (address on back cover).

NATIONAL ADVISORY COMMITTEE

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- Co-Chairman** : **Er Malhotra V L**, FIE
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- Convener** : **Er Krishna Rao Tayi**, FIE
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Email: ecmhyd@gmail.com

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PROGRAMME COMMITTEE

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Convener : **Er Alagiri N**,
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Er Verma S K, Head-QPE Division (Retd.) ESCI, Hyderabad.

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All India Seminar on “**Enhanced Energy Efficiency**”

November 24 & 25, 2010

To

The Organising Secretary

Dear Sir,

Please reserve the following advertisement space in the Technical Volume being printed on the occasion of All India Seminar on “**Enhanced Energy Efficiency**”.

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All India Seminar on “**Enhanced Energy Efficiency**”

November 24 & 25, 2010

- 1. Name (block letters).....
- 2. Designation & Organization.....
- 3. Mailing Address.....
.....
- 4. Tel : (O)..... (R)..... (Cell).....
e-mail.....
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- 6. IEI Membership Grade & No.....
- 7. Registration Fee enclosed Rs.....
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Branch..... in favour of “**IEI –
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Encl:

Signature
of Delegate/Attendee

Note: Photocopies of this form may be used.
.....

REGISTRATION FORM TO BE SENT TO
Organising Secretary
(address on back cover)

ACCOMMODATION

Name of Hotel	Tariff /Day Rs.(Approx)	PHONE (STD 040)
Taj Krishna	16500 – 80000	66662323
Taj Deccan	11500 – 50000	66663939
ITC kakatiya	14000-70000	23400132
Taj Banjara	10500-45000	66669999
Novotel	9500-28500	66824422
The Golkonda	8000-12500	66110101
Fortune Select Manohar	10000	39884422
Hotel Green Park	5250 -10500	23757575
Kasani GR Hotel	4500-10000	40409999
Minerva Grand Banjara	4000-7500	66127373
Inner Circle	3500-15500	23302330
Mandava Suites	3500-4000	23114477
Kamat Lingapur	3000-4300	27764242
Amogh Boutique Hotel	2900-3900	23420582
Hotel I K London Residency	2700-4700	23306600
Baseraa Inn	1600-2600	23298811 /22
Hotel Rukmini	1350-2100	66785566
Peppermint Hotels	-	44351234
Hotel Harsha 23201188	1600-2500	
Hotel Siddartha	650-2750	24740222
Hotel Ashoka	640-1480	23230105
Hotel Megacity	400-1200	23226267
Badam Balakrishna Hotel Pvt Ltd	525 -950	23231652
Sri Venkateswara Hotel	600	23214403
Hotel Dwaraka Palace	600-1250	23249655
Indian Lodge	250-400	66825145

PLEDGE

“We hold the earth’s energy resources as a trustee, and it is the duty of every citizen to utilize the same in such a way that we leave behind a better environment for future generations.

Therefore, I do hereby solemnly pledge that I shall consciously avoid any wastage of precious energy in all its forms, in all spheres of my activities.

I shall also undertake to spread the message of energy conservation, to avoid unproductive and wasteful use of energy, and of the benefits of efficient utilization of energy to every consumer, as a dutiful citizen of India”.

CONTACT INFORMATION

All correspondence concerning organisation, sponsorship, advertisements and participation may be addressed to:

The Organising Secretary

All India Seminar on Enhanced Energy Efficiency
The Institution of Engineers (India)
Andhra Pradesh State Centre
Energy Conservation Mission
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Hyderabad – 500 004

Tel : 040-23314969, 23373087, Fax : 040-23314024;

Email : eeecm@gmail.com, ieiapsc@gmail.com

Queries concerning the technical programme of the seminar may be addressed to the **Chairman of the Programme Committee**, at the above address, (email: eeeprog@gmail.com)

Website: www.save-today-survive-tomorrow.com