



Confederation of Indian Industry

# 11<sup>th</sup> Energy Efficiency **SUMMIT** 2012

22 - 25 August 2012, HICC, Hyderabad



**Introduction**

Meeting the energy demand for the industrial sector holds the key in accelerating the economic growth of India. Energy efficiency improvement across the sectors assumes critical importance in view of the ever increasing energy needs.

Ministry of Power & Bureau of Energy Efficiency (BEE) have been entrusted to develop the implementation framework of National Mission for Enhanced Energy efficiency (NMEEE). Perform, Achieve and Trade (PAT) is being implemented to improve energy efficiency in industrial sector under the said mission by BEE.

These initiatives expected to reduce the energy consumption in Indian industry to the tune of about 10 million tons of oil equivalent over next 3 years time period and catalyze investment potential of Rs 70,000 Crores in next 5 years.

Against this background, CII-Godrej GBC is organizing the 11<sup>th</sup> Edition of Energy Efficiency Summit 2012 from 22-25 Aug 2012 at Hyderabad.

**Objectives**

- Facilitate Indian industry to improve energy efficiency on a continuous basis and help them in achieving the target set as part of Perform Achieve and Trade under the National Mission on Enhanced Energy Efficiency.
- Create a platform for all the energy efficient technology suppliers and equipment manufacturer to interact with industry and support them in achieving / exceeding the target for energy efficiency improvement
- Disseminate information on the latest trends and energy efficient technologies
- Facilitate sharing of best practices amongst the Industries

**Exposition : 23 - 25 Aug 2012**

Coinciding with the conference, the summit hosts an exposition showcasing the latest trends, technologies, equipment and products on energy conservation and process optimisation.

Over 40 leading companies are expected to display their products and technologies at the exposition which will attract over 2000 visitors.

**13<sup>th</sup> National Award for Excellence in Energy Management : 22 & 23 Aug 2012**

CII in its endeavor to encourage, support and applaud the efforts of the industry in improving energy efficiency and reducing natural resource consumption is organizing the 13th National Award for Excellence in Energy Management 2012.

About 60 best performing companies are expected to share their experience related to Energy Efficiency Projects implemented in their plants.

The National Award programme is intend to:

- Recognize the achievements of Indian companies for their significant and innovative contributions to industrial energy efficiency
- Facilitate sharing of best practices between companies
- Encourage and motivate more companies to achieve excellence in energy efficiency

**Energy Efficiency Summit 2012 - Conference 24 & 25 Aug 2012**

The energy efficiency summit involves the following 4 parallel conferences.

- EnCon in Electrical systems
- EnCon in Thermal systems
- Compressors & Compressed air system
- Energy efficiency in buildings

The first day programme is common for all the four conferences and will focus on the following aspects related to energy efficiency improvement:

- ❖ Latest trends & technologies
- ❖ Perform, Achieve and Trade – Challenges & Opportunities
- ❖ Energy Efficiency financing

**Programme Schedule**

Date	Day	Hall 1	Flexi Hall - 1	Flexi Hall - 2	Flexi Hall - 3	Exposition
22 Aug	Wed	13 <sup>th</sup> National Award for Excellence in Energy Management				
23 Aug	Thu	13 <sup>th</sup> National Award for Excellence in Energy Management				Exposition
24 Aug	Fri	<b>Common Sessions :</b> <ul style="list-style-type: none"> <li>• Inaugural Session</li> <li>• Perform, Achieve and Trade</li> <li>• Special Plenary : Latest Technological Trends</li> <li>• Energy Efficiency Financing</li> </ul>				
25 Aug	Sat	Compressors and Compressed Air Systems	Encon in Thermal Systems	Encon in Electrical Systems	Energy Efficiency in Buildings	

## EnCon in Electrical Systems

The conference on electrical systems aims at achieving efficiency improvement in electrical systems in line with PAT targets for reducing the specific energy consumption in all Designated Consumers (DCs).



### Focus :

- Latest trends and technologies in electrical system including motors, transformers & distribution systems
- VFDs & VFD applications
- Thermography as a tool for identifying efficiency improvement opportunities
- Advanced monitoring and control systems
- Lighting controls – advancements
- Harmonic mitigation
- Best practices & Case studies from best performing DCs



## Compressors and Compressed Air Systems

The conference on Compressors and compressed air systems aims to disseminate latest trends on Reciprocating, Screw Centrifugal Compressors.



The seminar will have National and International Experts in the areas of Air Compressors and Compressed Air Systems to address the delegates.

### Focus :

- Reciprocating, Screw & Centrifugal Compressors
- Retrofitting energy saving devices to air compressors
- Selection & Design of compressed air system
- Dryers, Filters & Auxiliaries in compressed air systems
- Automation in compressed air system
- Case studies

## Energy Efficiency in Buildings

Adopting Energy efficient techniques in existing buildings is one of the quickest, cheapest, cleanest ways to address energy and environmental challenges.



In light of this, the conference on Energy Efficiency in Buildings has been organized which focused on :

- HVAC systems
- Alternate energy sources
- Electrical systems & Lighting
- Green Building concepts
- Data center & accessories



## EnCon in Thermal Systems

The two day conference on thermal systems endeavors to address improvement opportunities in all industries having boilers & steam systems and in specific the designated consumers such as Chlor Alkali, Fertilizer, Pulp & Paper, Thermal power plants and Textile industries.



### Focus :

- Advancement in steam generators
- Steam turbines
- Performance improvement in steam systems
- Waste heat recovery systems
- Automation for thermal systems
- Alternate fuels
- Best practices & case studies from best performing DCs



## Exposition Layout

JP - 44 3 x 2	JP - 40 3 x 2	36 3 x 2	32 3 x 2	28 3 x 2	24 3 x 2	23 3 x 2	16 3 x 2	15 3 x 2
JP - 43 3 x 2	JP - 39 3 x 2	35 3 x 2	31 3 x 2	27 3 x 2	22 3 x 2	21 3 x 2	Principal Supporter	Principal Supporter
JP - 42 3 x 2	JP - 38 3 x 2	34 3 x 2	30 3 x 2	26 3 x 2	20 3 x 2	19 ISGEC		
JP - 41 3 x 2	JP - 37 3 x 2	33 Trident pneumatics	29 3 x 2	25 3 x 2	18 3 x 2	17 BASF		

JP Japan Pavilion
  Blocked for Sponsors
  Available

JP - 8 3 x 2	JP - 7 3 x 2	6 3 x 2	5 3 x 2	4 3 x 2	Principal Supporter
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**Date :** 22 – 25 August 2012

**Venue :** HICC, Novotel (Near Hitech City)  
Hyderabad - 500 081

**Tel :** + 91 40 6616 3000/ 6682 4422

Rs.50,000/- per 6 Sqm. Stall

Entry / Exit

## Energy Efficiency Summit 2011 - Highlights

- ❖ Over 1000 delegates from various industries participated
- ❖ 90 National & international speakers
- ❖ 41 best performing companies shared their experience
- ❖ Over 20 new energy saving products displayed
- ❖ 3 energy savings products awarded as most innovative products by participants



## Supporters of Energy Efficiency Summit 2011



## About us

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the growth of industry in India, partnering industry and government alike through advisory and consultative processes.

CII is a non-government, not-for-profit, industry led and industry managed organisation, playing a proactive role in India's development process. Founded over 117 years ago, it is India's premier business association, with a direct membership of over 6600 organisations from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 90,000 companies from around 250 national and regional sectoral associations.

With 63 offices including 10 Centres of Excellence in India, and 7 overseas offices in Australia, China, France, Singapore, South Africa, UK, and USA, as well as institutional partnerships with 223 counterpart organisations in 90 countries, CII serves as a reference point for Indian industry and the international business community.

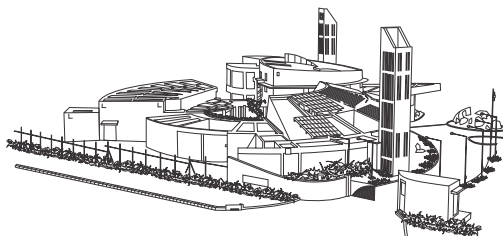
CII – Sohrabji Godrej Green Business Centre (CII – Godrej GBC) is one of the 10 Centres of Excellences of the Confederation of Indian Industry (CII).

CII-Sohrabji Godrej Green Business Centre offers advisory services to the industry in the areas of Green buildings, energy efficiency, water management, environmental management, renewable energy, Green business incubation and climate change activities.

The Centre sensitises key stakeholders to embrace Green practices and facilitates market transformation, paving way for India to become one of the global leaders in Green businesses by 2015.

The Centre is housed in a Green Building which received the prestigious LEED (Leadership in Energy and Environmental Design) Platinum Rating in 2003. This was the first Platinum rated Green Building outside of U.S.A and the third in the world. The Centre was inaugurated by H.E Dr A P J Abdul Kalam, the then President of India, on July 14, 2004.

For more details, please contact



Confederation of Indian Industry

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