



Confederation of Indian Industry

11th Energy Efficiency **SUMMIT** 2012

22 - 25 August 2012, HICC, Hyderabad

Draft Programme

Day 1 : 24 August 2012 (Friday) : Common Sessions

1000 hrs – 1100 hrs : Inaugural Session

1100 hrs Tea Break

1130 hrs – 1255 hrs : Special Plenary : Latest Technological Trends

Adoption of Energy Efficiency activities has become a compulsion rather than a voluntary activity. Industry has reached a state where there is a dire need to save energy and to save large. Saving large (enormous) energy is possible only by adopting latest technologies rather than conventional areas. This session helps to understand latest technologies which can be implemented to achieve huge energy savings.

Session Chairman

Opening Remarks by Session Chairman

Presentation # 1

Presentation # 2

Presentation # 3

1245 hrs Question & Answer

1255 hrs Lunch Break & Visit to Exposition

1415 hrs – 1515 hrs : Session on Perform, Achieve and Trade

The session will focus on the opportunities created by PAT scheme for energy efficiency improvement in Indian Industry and also will present the specific challenges faced by the individual PAT designated sectors. The panel will also explore the possibilities of addressing the challenges.

Session Chairman

Opening Remarks by Session Chairman

Latest developments & Opportunities

Presentation on Challenges - Industry perspective (10 mins each)

- Cement
- Pulp & Paper
- Power
- Iron & Steel
- Textile

Bureau of Energy Efficiency

ACC Limited*

Seshasayee Paper & Boards Ltd.*

TATA Power Ltd.*

TATA Steel*

Arvind Mills*

1515 hr Question & Answer

1525 hrs Tea Break

1545 hrs – 1700 hrs : Energy Management Systems & Standards

The session will focus on the latest developments in energy managements and tools from across the world. The session will also deliberate the need for the Indian industry to adopt the standards and tools for improving the energy efficiency.

Session Chairman

Mr S R Lohokare
Managing Director
National Peroxide

Opening Remarks by Session Chairman

Energy Management Standards

Reliance Energy* / Shree Cement*

Energy Labeling for Industrial Equipment

Bureau of Energy Efficiency*

Energy Performance Monitoring & Verification

Superior Energy Performance

US Department Energy

1700 hrs Question & Answer

1710 hrs – 1820 hrs : Energy Efficiency Financing

With the implementation of PAT scheme, the industry is obligated to save energy. The industry is now required to implement energy saving projects to achieve its target. There is need from the industry for financing its energy efficiency activities. This session helps in understanding the various ways through which industry can be financed

Session Chairman

Opening Remarks by Session Chairman

Energy Efficiency financing –
Opportunities in India – Industry perspective

Financing methodologies & instruments

World Bank* / IFC*

Financing for small & medium scale industries
Financing energy efficiency project –
Bank's perspective

JICA

ICICI* / SBI*

1810 hrs Question & Answer

***Requested for participation, awaiting confirmation**



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Compressors and Compressed Air Systems

24 & 25 August 2012, Hyderabad International Convention Centre, Hyderabad

Draft Programme

Day 2 : August 25, 2012 (Saturday) : Parallel Conference - 1

1000 hrs – 1135 hrs : Session I “Latest trends in Compressors and blowers”

Session Chairman

1000 hrs	Opening Remarks by Session Chairman	
1005 hrs	Selection criteria for centrifugal compressors	Ingersoll-Rand (India) Ltd*
1025 hrs	Variable volume screw compressor	Atlas Copco*
1045 hrs	Energy Efficient blowers – Alternative for compressor	Godrej & Boyce Ltd*
1105 hrs	Monitoring & reporting of compressed air system performance by Airmaster+	USDOE / ORNL
1125 hrs	Question & Answer	
1135 hrs	Health Break	

1155 hrs – 1330 hrs : Session II “Operation and maintenance of compressors”

Session Chairman

1155 hrs	Opening Remarks by Session Chairman	
1200 hrs	Service contract for compressed air systems	Ingersoll Rand
1220 hrs	Energy performance assessment tools & systems	Kirloskar*
1240 hrs	Zero Maintenance in Compressors	ELGI*
1300 hrs	Reduced cost of ownership in compressed air distribution	Trident pneumatic
1320 hrs	Question & Answer	
1330 hrs	Lunch Break	

1415 hrs – 1630 hrs : Session III - “Energy Conservation in Compressed Air Systems & Auxiliaries”

Session Chairman

1415 hrs	Opening Remarks by Session Chairman	
1420 hrs	Compressed air booster systems	
1440 hrs	Saving Energy by using correct compressed air pipeline structure	Legris*
1500 hrs	Heat recovery from Compressed air systems	Kaesar Compressors Pvt Ltd*
1520 hrs	HOC Dryers	Beko Compressed Air Technologies Pvt Ltd
1540 hrs	Energy saving opportunities in Compressed Air distribution network	Neuman & Esser Engg Pvt Ltd*
1600 hrs	Energy Auditing of Compressed Air System	Confederation of Indian Industry
1620 hrs	Question & Answer	
1630 hrs	Health Break	

1650 hrs – 1805 hrs : Session IV “Best Practices in Compressors and Compressed air systems”

Session Chairman

1650 hrs	Opening Remarks by Session Chairman	
1655 hrs	Presentation -1	Iron & Steel Industry*
1710 hrs	Presentation -2	Fertilizer / Chemical*
1725 hrs	Presentation -3	Engineering* / Automobile*
1740 hrs	Presentation -4	Cement*
1755 hrs	Question & Answer	
1805 hrs	Feedback & Close	

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22 - 25 August 2012, HICC, Hyderabad

Encon in Thermal Systems

24 & 25 August 2012, Hyderabad International Convention Centre, Hyderabad

Draft Programme

Day 2 : August 25, 2012 (Saturday) : Parallel Conference - 2

Session I – “Thermal systems – Design & selection of equipment”

Session Chairman

1000 hrs Opening Remarks by Session Chairman

1005 hrs Improvement in steam system design in process industries –
Pulp & paper / Fertilizer / Textile

Forbes Marshall

1025 hrs High Pressure Steam Generation in Biomass Based Boilers

ISGEC John Thompson

1045 hrs Power generation, Heating & cooling applications –
latest trends

Thermax Limited

1105 hrs Energy Conservation opportunities in Thermopac
and Hot water Generators

Thermodyne *

1125 hrs Question & Answer

1135 hrs Tea Break

1155 hrs – 1310 hrs : Session II – “Steam and Power Generation – latest trends”

Session Chairman

1155 hrs Opening Remarks by Session Chairman

1200 hrs Advancements in Boilers for multi-fuel firing

Cethar Vessels *

1220 hrs Benefits of Retrofitting Electronic Governors

Woodward

1240 hrs Micro Steam Turbines – Efficiency and Usage

Turbo Machinery

1300 hrs Question & Answer

1310 hrs Lunch Break

1400 hrs – 1535 hrs : Session III – Performance Improvement in Thermal Systems

Session Chairman

1400 hrs	Opening Remarks by Session Chairman	
1405 hrs	Gate Cycle – Analysis of Steam and Gas Turbine Systems	General Electric
1425 hrs	Vibration Monitoring and Vibration Control for Turbine	Resistoflex
1445 hrs	Fuzzy Logic Control in Thermal Systems	RAMCO *
1505 hrs	Energy Conservation Opportunities in Thermal Systems	CII –Godrej GBC
1525 hrs	Question & Answer	
1535 hrs	Tea Break	

1555 hrs – 1730 hrs : Session IV- “Turbine and Generator Auxiliary System”

Session Chairman

1555 hrs	Opening Remarks by Session Chairman	
1600 hrs	Benefits of Inlet air cooling for Gas Turbines	Carrier *
1620 hrs	Energy Conservation Opportunities in Boiler Feed Pumps	Grundfos Pumps India Pvt. Ltd.
1640 hrs	Advanced Condenser Cleaning Systems	Conco Systems *
1700 hrs	Benefits of replacing steam Ejectors with Vacuum Pumps	NASH / kakati
1720 hrs	Question & Answer	

1730 hrs – 1905 hrs : Session V- “Industrial Case Studies on Energy Conservation Measures”

Session Chairman

1730 hrs	Opening Remarks by Session Chairman	
1735 hrs	Presentation -1	BILT/Birla (Textile)
1755 hrs	Presentation – 2	ITC (Pulp & Paper)
1815 hrs	Presentation -3	Mr C S Azad Chief Engineer KRIBHCO (Fertilizer)
1835 hrs	Presentation -4	Mr Alagiriswamy * Industrial Services Engineer Nestle India Ltd (Food processing)
1855 hrs	Question & Answer	

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Encon in Electrical Systems

24 & 25 August 2012, Hyderabad International Convention Centre, Hyderabad

Draft Programme

Day 2 : August 25, 2012 (Saturday) : Parallel Conference -3

1000 hrs – 1155 hrs : Session I – latest trends in Electrical systems

Session Chairman

1000 hrs Opening Remarks by Session Chairman

1005 hrs Energy efficient Motors

Mr Ajay Bhalerao
Chief Technology Officer
Bharath Bijlee Limited

1025 hrs Medium voltage distribution system

ABB Limited*

1045 hrs Energy monitoring & optimization – latest trends

Schneider Electric

1105 hrs Distribution transformers – recent developments

Mr M Govindraj*
Deputy Manager, Kirloskar Electric

1125 hrs Diesel Generators – latest trends

Mr Atul Tare*
DGM, Cummins India

1145 hrs Question & Answer

1155 hrs Tea Break

1215 hrs – 1410 hrs : Session II – Electrical systems - Automation

1215 hrs Opening Remarks by Session Chairman

1220 hrs Electrical systems automation

Rockwell Automation

1240 hrs Variable frequency drives

Danfoss Industries

1300 hrs Implementation of HT variable frequency drives
– ESCO model

Mr Gaurang Bhatt
GM - MV Division
Yantra Harvest Energy Pvt Ltd

1320 hrs Advanced industrial automation

Mr Senthil Kumar*
Vice President, KLG Systel Ltd

1340 hrs Adaptive & predictive controls / Fuzzy logics for Energy Efficiency

Honeywell Automation

1400 hrs Question & Answer

1410 hrs Lunch Break

1510 hrs – 1615 hrs : Session III – Harmonics & Mitigation

1510 hrs	Opening Remarks by Session Chairman	
1515 hrs	Harmonics & its effects on energy efficiency	Larsen & Toubro*
1535 hrs	Technological breakthrough in harmonics mitigation	Mr Mukesh Patidar* Manager, Siemens Limited
1555 hrs	Dynamic compensation of highly variable loads	Danfoss Industries*
1615 hrs	Question & Answer	

1820 hrs – 1955 hrs : Session V - Best Practices in Electrical systems - Case Study Presentations

1820 hrs	Opening Remarks by Session Chairman	
1825 hrs	Presentation -1 from Steel Industry	Tata Steel Ltd*
1845 hrs	Presentation -2 from Cement	Shree Cement Ltd*
1905 hrs	Presentation -3 from Textile	Loyal Textiles*
1925 hrs	Presentation -4 from Pulp & Paper	ITC Limited*
1945 hrs	Question & Answer	
1955 hrs	Feedback & Close	

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Energy Efficiency in Buildings

24 & 25 August 2012: HICC, Hyderabad

Draft Programme

Day 2 : August 25, 2012 (Saturday) : Parallel Conference - 4

1000 hrs – 1115 hrs : Session I – Building Standards & Rating Systems

Session Chairman

1000 hrs	Opening Remarks by Session Chairman	
1005 hrs	Green Building rating system for existing buildings	CII – Godrej GBC
1025 hrs	Product Labeling	CPRI*
1045 hrs	Standards for the building air conditioning & electrical systems	Spectral Services*
1105 hrs	Q & A	
1115 hrs	Health Break	

1135 hrs – 1310 hrs : Session – II : Energy Efficiency in Existing Buildings

Session Chairman

1135 hrs	Opening Remarks by Session Chairman	
1140 hrs	Efficiency Improvement in existing buildings	Mr Bernd Stampfl Head Energy Solutions Siemens Ltd.
1200 hrs	Energy Efficiency through building automation	Danfoss Industries*
1220 hrs	Application of thermography in increasing the energy efficiency levels	Fluke*
1240 hrs	Building Envelope for Energy Efficient Buildings	Mr Himanshu Agrawal Sr Manager - Sustainable Building Solutions, BASF India Limited
1300 hrs	Q & A	
1310 hrs	Lunch Break	

1355 hrs – 1610 hrs : Session III: Air conditioning systems**Session Chairman**

1355 hrs	Opening Remarks by Session Chairman	
1400 hrs	Building air conditioning – Latest trends	Voltas*
1420 hrs	Centrifugal chillers – Latest Trends	Mr Kallul Datta Equipment Specialist, Trane India
1440 hrs	Inverter Air Conditioning	Daikin*
1500 hrs	Radiant Cooling	Mr Milos Bogicevic Technical Sales, Uponor
1520 hrs	Advancements in Air cooled Chillers	Carrier*
1540 hrs	Scroll Chillers	Blue Star*
1600 hrs	Q & A	
1610 hrs	Health Break	

1630 hrs – 1745 hrs: Session IV : Alternate sources for buildings**Session Chairman**

1630 hrs	Opening Remarks by Session Chairman	
1635 hrs	Solar air conditioning/ Solar VAM	Thermax Ltd.*
1655 hrs	Alternate cooling systems – Geo thermal evaporative cooling	Neem Tree*
1715 hrs	Building integrated solar photovoltaic systems	Tata BP Solar*
1735 hrs	Q & A	

1745 hrs – 1920 hrs: Session V : Lighting**Session Chairman**

1745 hrs	Opening Remarks by Session Chairman	
1750 hrs	Lighting systems & Controls	Philips Lighting*
1810 hrs	Energy efficiency in lighting: A case study	Infosys Ltd.*
1830 hrs	Use of induction lighting in office spaces	Bajaj Electricals*
1850 hrs	Application of DALI Control in Lighting	Mr Shantanu Nadpurohit Associate General Manager Energy Management Services Schneider Electric
1910 hrs	Q & A	
1920 hrs	Feedback & Close	

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