



Confederation of Indian Industry

Welcome  
to the World of  
Energy Revolution

6th  
**ENERGY  
EXPO 2013**

CII's International Exhibition for Energy Sector

5-7 December 2013  
Ahmedabad, Gujarat | India



Concurrent event:



Special Focus



Renewable Energy

Supported by:



[www.energyexpo.biz](http://www.energyexpo.biz)



## ADVANTAGE GUJARAT

Gujarat – a model State in the world, has been ranked 1st as per the “Economic Freedom Rankings for the States of India, 2012” and its contribution to India’s GDP is 7.5%.

Gujarat - India’s economic powerhouse & vibrant energy sector, has a double digit growth rate with Gross State Domestic Product of USD 75 billion (2010-2011) growing at a five year average of 10%.

Gujarat government is aiming to increase power generation to 25,979 MW by year 2015 from the present 17,169 MW.

The Venue - Ahmedabad is voted as 3rd fastest growing city of the world by Forbes.



## INDIAN ENERGY SCENARIO

In last six decades, India has witnessed tremendous progress in the field of energy generation, transmission, distribution, regulation and conservation. During the 11th Five Year Plan, nearly 55,000 MW of new generation capacity was created, yet there continued to be an overall energy deficit of 8.7% and peak shortage of 9%.

Despite significant growth in the generation over the years, Indian power sector is facing challenges and is suffering from shortages and supply constraints. It is expected that a judicious mix of centralized fossil fuel power plants and decentralized renewable energy based power plants will lead to an environment friendly augmentation of the power sector in India.

## CAPITALISE ON GUJARAT’S GREEN ENERGY MOVEMENT

Renewable Energy in Gujarat by 2020 aims at increase of RE power to the national grid, from 5% in 2009-10 to 15% of the energy mix by 2020 (National Action Plan on Climate Change). Expected capacity addition in RE sector by 2017 will be 4,297 MW with highest contribution from wind – 50% and solar - 44%. Total installed capacity from RE sources by 2017 will be 7,863 MW.

**Wind Power:** The State of Gujarat with its longest coastline in the country and inland windy sites has a potential of over 10,000 MW of wind power.

**Solar Power:** Gujarat has one of the highest solar generation potential in India. The areas with the highest solar potential is the district of Kutch, Jamnagar, Junaghad, Navsari, and Patan.

**Bioenergy:** The total biomass potential for Gujarat is about 1,800 MW from crop residue and about 140 MW from forest residue. Districts with the highest biomass potential are Rajkot, Jamnagar, Bhavnagar, Junagadh, Surendranagar, Amreli in crop residue & Junaghad, the dangs, Sabarkantha, Valsad, Dahod & Banaskantha in forest residue.

**Hybrid Energy:** Districts with the highest hybrid potential for wind solar hybrid installation is Rajkot, Kutch, Jamnagar, Surendranagar, Amreli, Bhavnagar, Sabarkantha, Banaskantha, Junaghad.

**Geothermal Energy:** Geothermal power pilot projects are being planned in the State. Gujarat geothermal potential is concentrated in Khambhat.

**Tidal Energy:** Gulf of Khambhat and Gulf of Kutch are identified as potential sites for setting up tidal wave based power project in the State.



Confederation of Indian Industry (CII) has been playing a pioneering role in developing the Indian energy industry with a move to integrate the industry since 2004. With this background, we at CII are pleased to organise 6th Energy Expo to showcase the progress made, explore the potential opportunities & challenges facing the industry and to create a roadmap for sustainable growth and development.

### NOW IN ITS SIXTH EDITION, THE ENERGY EXPO 2013 EVENT WILL INCLUDE:

- An exhibition of over 120 suppliers representing the wind, solar, biomass, biogas, bio-fuels, hydro, ground and air source heating sectors.
- A multi-stream conference, exploring the challenges facing the continued growth of the energy industry and evolving consensus on important policy issues. The conference will feature energy specific panel debates as well as in-depth presentations on the very latest developments & preparedness of the Indian energy sector to keep up with the rapidly growing Indian economy.

NEW

A low / no emission vehicle zone: unveiling the latest electric, hybrid and hydrogen vehicles

NEW

A product/services presentation zone : allowing visitors to listen to presentations and quiz individual technology suppliers

NEW

An exhibitor demo zone : for larger products and displays

NEW

A B2B meeting zone: arrangement for buyers & sellers meet

## EXHIBIT PROFILE

- ➔ Conventional Energy – Coal, Petroleum, Natural Gas, LNG etc.
- ➔ Boilers, Steam Systems & Compressed Air
- ➔ Gensets / Turbine / Transformers
- ➔ Transmission & Distribution Equipment
- ➔ Switchgears & Controls
- ➔ Power Plant Equipment
- ➔ Process Automation & Instruments
- ➔ Energy Smart Technology
- ➔ Rural Electrification Solution Providers
- ➔ Energy Efficient Products
- ➔ Renewable Energy : Solar, Wind, Hybrid, Bio, Marine, Geothermal, Waste to energy
- ➔ Renewable Energy & Energy Efficiency Solution Provider
- ➔ Solar Energy Devices : Water Heater, Inverter, Traffic Lighting Solutions, Lantern / Torch / Mobile Charger / Cooker, Home Lighting, Water Pumping, Other Industrial & Agricultural Devices
- ➔ Electric & Hybrid Powered Vehicle
- ➔ Environment Monitoring / CDM
- ➔ IT in Power Sectors & Financial Institutions.



## VISITOR PROFILE

- ✓ Policy level decision makers from
  - Central & State Government
  - Nodal Agencies, Energy Management Centre, Renewable Energy Centres etc.
  - Urban & Local Self Government Institutions (Municipal Corporation / Municipalities / Councillors etc)
  - Rural Development Agencies & Gram Panchayats
- ✓ CEO's, Decision Makers, & Senior Executives from industry involved in Energy Conservation & Management
- ✓ Public and Private Power Producers
- ✓ Infrastructure Planners & Developers
- ✓ EPC Companies
- ✓ Energy Efficiency Consultants, Contractors and Engineers
- ✓ Project Developers & Technology Developers
- ✓ Regulatory Bodies
- ✓ Managers – Technical, Operations, Maintenance, Safety & Purchase
- ✓ Pollution Control Specialists
- ✓ Research & Energy Professionals
- ✓ Coal & Gas Operators
- ✓ OEMs
- ✓ Electricity Boards & Power Utilities
- ✓ Energy Managers
- ✓ Financial Institutions and Investors
- ✓ Industries
  - Heavy Industries
  - Small and Medium Enterprises
  - Hospitality & Dairy Industry
  - Tea/Coffee/ Rubber Plantation companies
- ✓ Residential and Commercial Complexes, Co-operative Housing Societies
- ✓ Schools, Colleges, Universities, Malls
- ✓ Renewable Energy Entrepreneurs & Promoters
- ✓ Renewable Energy Products & Solutions – Dealers, Distributors & Consultants
- ✓ Electrical Equipment Traders & Retailers (UPS, Motors, Generators etc)
- ✓ Trade Bodies, Associations, Environment Agencies and NGOs
- ✓ Media & Publishing Companies.



# HIGHLIGHTS OF ENERGY EXPO 2011 & INDIA ENERGY CONCLAVE 2011

**EXPO:** CII's 5th Energy Expo 2011 showcased the latest and emerging technologies for energy industry with over 80 exhibiting companies and witnessed a gathering of over 5000 trade professionals who visited the show

**SPECIAL FOCUS :** Renewable Energy

**INAUGURATION :** Chief Guest, Shri Saurabhbhai Patel, Hon'ble Minister of State for Civil Aviation Industries, Mines, Minerals, Finance, Energy & Petrochemicals, Government of Gujarat

**Concurrent Event:** CII's 5th India Energy Conclave 2011 "Roadmap for a New Era of

Power Market in India" was held on 1 – 2 December 2011. Keynote address was given by Shri Saurabhbhai Patel - Hon'ble Minister of State for Civil Aviation, Industries, Mines, Minerals, Finance, Energy & Petrochemicals, Government of Gujarat. Shri D J Pandian - Principal Secretary, Energy and Petrochemicals Department, Government of Gujarat also shared his perspective to the delegates. The conclave was also addressed by a galaxy of eminent professionals from the Indian energy industry. Over 50 CMDs, MDs & CEOs alongwith 150 cross functional professionals from

the energy industry participated at the conclave

**SUPPORTED BY:** Ministry of New & Renewable Energy (Government of India) and the Ministry of Power (Government of India)

**HOST STATE:** Government of Gujarat

**SUPPORTING ASSOCIATIONS:** BEE- Bureau of Energy Efficiency, SEAS : Sustainable Energy Association of Singapore, IEF : India Energy Forum, ITMA : Indian Transformer Manufacturers Association

**KEY SPONSORS:** Crompton Greaves, Turbomach, Gamesa, Suzlon, Forbes Marshall, Transformers & Rectifiers (India) Ltd, Leitwind, and Aggreko.

## PARTICIPATION FEE

Space Details	Rate	
Indoor Built up Space (min 9 sqm)	Rs. 8000/- per sqm	€ 225 per sqm
Indoor Raw Space (min 36 sqm)	Rs. 7500/- per sqm	€ 200 per sqm
Indoor SSI & CII Member Shell Space	Rs. 7500/- per sqm	€ 200 per sqm
Outdoor Demo Zone	Rs. 4000/- per sqm	€ 125 per sqm
Indoor Presentation Zone	Rs. 25000/- (for 30 minutes)	€ 500 (for 30 minutes)
+ Service Tax 12.36%		

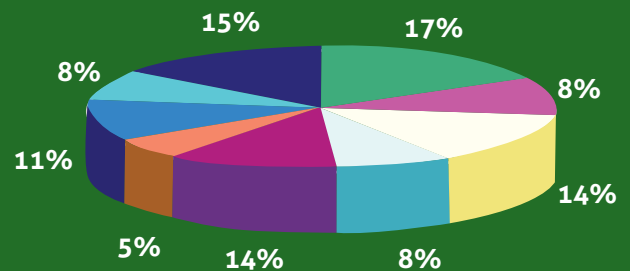
**Early Bird Discount :** Rs. 500/- per sqm for Indian companies & € 10 per sqm for overseas companies on bookings received with full payment before 30 June 2013.

**Repeat Participation Discount :** Rs. 250/- per sqm for Indian companies & € 5 per sqm for overseas companies.



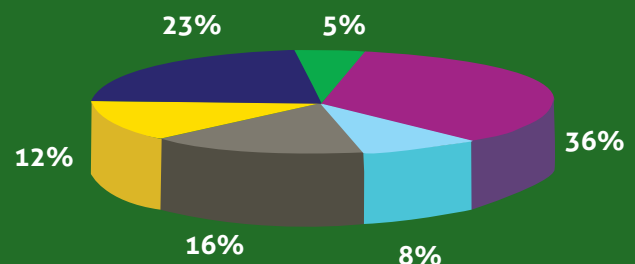
## VISITOR SEGMENT - ENERGY EXPO 2011

### SECTORS



- Senior Management from Food & Beverage Industry
- Supermarket, Hypermarket, Retailers, Grocery, Department & Convenience Store
- Distributor, Wholesaler & Importer
- Government Organisation and Institutions
- Bakery and Confectionery
- Food Additives & Ingredients
- Food Catering/Food Service, Hotel, Restaurant & Bar, Fast Food
- Sr.Executives from Production, Maintenance and Quality Control
- Purchase Department from Food & Beverage Industry.

### JOB FUNCTION



- Sr.Executives from Production, Quality Control, Maintenance
- Professionals, Supply Chain Distributors, F & B Managers, Fast Food Outlets, Bakery / Confectionery Stores Managers etc.
- Purchase Departments
- Top officials from Regulatory Agencies of Central & State Governments
- CEO's & Top Executives from food & Beverage Industry
- Consultants & Govt. officials.

## PARTICIPANTS SPEAK AT ENERGY EXPO 2011

"Energy Expo 2011 was a meticulously designed event, covering diverse segments/sectors/sub-sectors of the energy industry, enriching visitors on technological frontiers and enriching participants with the marketplace."

**Shishir Kumar,**  
Sales Manager (North),  
Clarke Energy India

"Energy Expo organized by CII is an excellent platform for Indian companies to showcase their preparedness and involvement in the development, manufacturing and marketing of energy efficient products and solutions. The exhibition which is well organized, offers its exhibitors a peep into the realm of international players and the opportunity to dialogue/share technological competence with one another."

**Manoj Jhangiani,**  
Assistant General Manager,  
Crompton Greaves Limited

## PICTURE GALLERY 2011





## Confederation of Indian Industry

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering industry, Government, and civil society, through advisory and consultative processes.

CII is a non-government, not-for-profit, industry led and industry managed organization, playing a proactive role in India's development process. Founded over 118 years ago, India's premier business association has over 7,100 member organizations, from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 90,000 companies from around 257 national and regional sectoral associations.

CII charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness and business opportunities for industry through a range of specialised services and global linkages. It also provides a platform for consensus-building and networking on diverse issues.

Extending its agenda beyond business, CII assists industry to identify and execute corporate citizenship programmes. Partnerships with over 120 NGOs across the country carry forward our initiatives for integrated and inclusive development, in affirmative action, healthcare, education, livelihood, diversity management, skill development, empowerment of women, and water, to name a few.

The CII Theme for 2013-14 is **Accelerating Economic Growth through Innovation, Transformation, Inclusion and Governance**. Towards this, CII advocacy will accord top priority to stepping up the growth trajectory of the nation, while retaining a strong focus on accountability, transparency and measurement in both the corporate and social eco-system, building a knowledge economy, and broad-basing development to help deliver the fruits of progress to many.

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 224 counterpart organizations in 90 countries, CII serves as a reference point for Indian industry and the international business community.



FOR FURTHER DETAILS, CONTACT

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