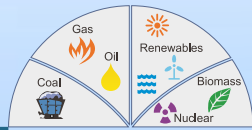


THE COMPREHENSIVE ENERGY INDUSTRY EVENT



EnerTECH

WORLD EXPO 2012

February 8-11, 2012

Venue: Bombay Exhibition Centre, Goregaon (East), Mumbai, India

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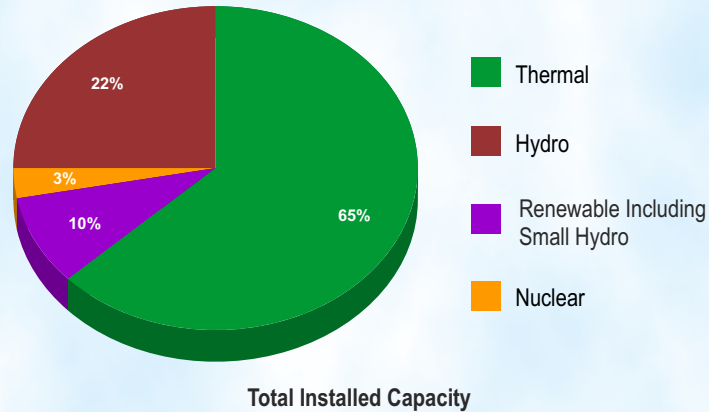
ENERTECH 2012

Power is a critical component of a nation's economic and industrial growth. The demand of power in the country continues to show exponential growth as Indian economy continues to surge ahead. The surge in the demand of power offers several opportunities in the fields of power generation, distribution and transmission and associated sectors. This sector would offer opportunities of the size of over 500,000 crore in the years to come. Power sector is poised for record capacity addition of 15,000 MW during the current financial year. According to Central Electricity Authority (CEA), a total of 34 projects of total 9.585 GW capacity.

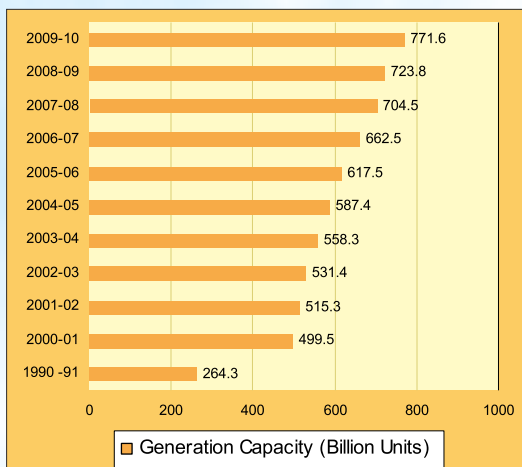
Total Installed Capacity		
Sector	MW	Per cent
State Sector	82,452.58	47.96
Central Sector	52,712.63	30.66
Private Sector	36,761.19	21.38
Total	171,926.40	100

Source: Ministry of Power, India.

Indian Power Sector



India has 5th largest electricity generation capacity and 3rd largest transmission and distribution network. From one small unit in 18,880 to 1,362 MW in 1947, India's power generation has reached above 771 billion units in 2009-10. Power sector is poised for record capacity addition of 15,000 MW in the current fiscal.



Per capita power consumption has increased significantly since the 1990s and currently stands at 543 kWh. Power consumption in India is expected to double by 2020 and reach 800 Tera watt hour (TWh) by 2052. India anticipates having total installed capacity of 225,029 MW by the end of 11th five-year plan in 2012 and there are significant investments lined up in the power sector in the 12th five-year plan with major emphasis on hydropower.

There is a huge potential of opportunities available across the sectors of power generation, transmission and distribution for the public as well as private sector companies. There are plans to set up 200,000 MW grid capacity and 37,000 MW interregional transmission capacity by 2012.

Indian government has taken several initiatives to attract investments, which includes tax holiday on mega power projects, 100 per cent FDI under automatic route for generation and transmission of electric energy. Ultra Mega Power Projects (UMPP), Rajeev Gandhi Grameen Vidyutikaran (RGGV) and Accelerated Rural Electrical Programme (AREP) are some of the initiatives undertaken by the Indian government to achieve the target of reaching power to all parts of the country under the Energising India Programme. India requires an additional capacity of 9.62 GW in the next seven years with corresponding investment in transmission and distribution.

	Hydro	Thermal	Nuclear	Wind & Renewable
Total capacity anticipated as on March 31, 2012	50281	145708	7280	21760
Proposed Addition during Eleventh Plan	15627	59693	3380	14000
Installed capacity as on March 31, 2007	34654	86015	3900	7660
Addition during Tenth Plan	7886	12114	1080	6132
Installed capacity as on March 31, 2002	26269	74429	2720	1628

According to Shri Sushil Kumar Shinde, Union Minister for Power, Government of India, scope of investments in the power sector over the next few years will be above USD 300 billion. Large demand supply gap, renovation and modernisation of old thermal and hydro power plants, large untapped hydro power potential and increasing privatisation and distribution networks will drive the growth of power sector in the country.





"Power sector has undergone rapid transformations over the past few years yet there are issues that need to be addressed. This requires collective effort and collaborative approach to tackle the challenges industry is grappling with. I am sure ENERTECH 2010 will bring about a lot of innovations and new thoughts for development of the whole sector."

Mr I J Kapoor

Director (Commercial) NTPC and
Vice Chairman Central Advisory Board ENERTECH 2010



**ENERTECH / OCEANTEX / SMP
2010 FACTS & FIGURES**

- 223 Exhibitors (Including Collaborators/Joint Venture Partners)
- 53 Overseas Exhibitors (Including Participants/ Collaborators/Joint Venture Partners)
- More Than 10,000 Visitors
- Participation from 18 Countries
- **Support from International Associations:** The Council of EU Chambers of Commerce in India, Pipelines Industry Guild, U.K., International Marine Contractors Association (U.K) and The China Petroleum & Petrochemical Technology and Equipment (China)
- 85 Speakers from leading Indian & Overseas companies deliberating on the latest state of art technologies and trends.
- 1000 Delegates

Exhibitors Profile

ENERTECH World Expo 2012 will strive to focus the accelerative growth in the power sector in India by focusing on key areas:

- Captive and Co-generation Plants
- Geo Thermal
- Thermal Power
- New & Renewable Energy
- Feedstock-Coal, Uranium & Thorium
- Transmission & Distribution Equipments.
- Decentralised Generation
- Rotating Equipments
- Plant Automation
- Power Project - Opportunities for Industry
- Auxiliary Equipments
- Nuclear Technology
- Stored Power/Gensets
- Environmental Management
- Technology & Services
- Feedstock - Coal and Uranium/Thorium
- Financing of Power Projects
- Light Fixture & Fittings
- Energy Efficiency & Conservation
- Engineering Consultancy/Turnkey Contracting
- Turbines/Boilers/Generators/ Pumps
- Solar Power Equipment
- Wind Power Equipment
- Hydro Power Equipment
- Accessories
- Pollution Control Equipment
- Supplier of Plants
- Equipment Manufacturers
- Financial Institutions
- Power Transmission Equipments
- Transmission Lines and Towers
- ACRS Conductors
- Insulators
- Voltage Regulators
- Communication
- Switchgears
- Metering & Protection
- Fault Location Equipment
- Turnkey Projects Implementers
- Substations
- Transformers
- Control Gears
- Power Theft Problems
- Cable Fault Locators
- Power Electronics and Control Devices
- Electricals / Electronics
- Components and Accessories
- Cables and Accessories
- Conductors and Accessories
- Energy Meters (Remote & On-Site)
- Engineering Projects
- Industrial Control and Automation
- Instrument Transformers
- Insulators
- Lighting and Lighting Accessories
- Switchgear and Control Gear
- IT Solutions in Power Sector
- State Electricity Boards / Trade Associations / Professional Bodies / Financial Institutions
- Corporations
- Environmental Protection Equipment Manufacturers
- Bioenergetics
- Water-Management systems, Pollution Monitoring
- Plant Manufacturers for Purification, Sewage & Sludge Treatment
- Hydrogeology & Hydrometers
- Treatment Plants for Energy Industry
- Dam Projects, Tunnel Projects Undertakers

Visitors Profile

- Senior Govt. Officials
- Industry Representatives
- Distribution Companies
- Engineers & Technocrats
- Decision Makers, CEOs
- State Electricity Boards Utilities
- Private Utilities
- Electricity Regulators
- ESCos
- Project Managers
- Maintenance Manager
- Financial Institutions
- Power Trading Companies
- Equipment Suppliers
- EPC Contractors
- Consultants
- High Level Purchase Executive
- Industry Associations and Trade Delegations from India and Abroad



Glimpses of ENERTECH World Expo 2010



Inauguration of ENERTECH & OCEANTEX 2010

From Left: **Mr Nelson Narciso**, Director, Agencia Nacional do Petroleo, Gas Natural e Biocombustiveis, Brazil & **Mr D K Pande**, Director (Exploration) Oil & Natural Gas Corporation Ltd **Lighting the Lamp**



Photographs of Some of the Exhibitors' Stall



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- UK • Singapore • USA • Spain • Italy

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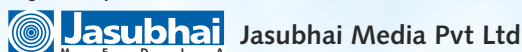
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