

DIREC 2010

27-29, October 2010

Renewable have come to centre-stage of both energy security and climate change discussion. The penetration of renewable both in grid interactive and distribution system worldwide and in India is increasing. Role of renewable in mitigation of the greenhouse gases emission for attaining Kyoto targets by the developed countries is also increasing. India has been contributing almost 35% of the renewable energy projects in the global CDM project basket. India has also been looked upon as an important investment destination for renewables.

One of the most important international events in this area is a conference-cum-exhibition held every two years. Two recall, subsequent to the indecisive outcomes of the World Summit on Sustainable Development (WSSD) in Johannesburg 2002 with respect to Renewable Energy, Germany hosted the first such Conference for Renewable Energy: "Renewables 2004" at Bonn in June, 2004 wherein 154 countries participated and over 3600 Participants consisting of official governmental delegations, representatives from United Nations and other international and non Governmental organizations, civil society and private sectors participated. The Bonn Renewables 2004 increased the global political momentum in favour of Renewable Energy. The major outcomes of the Conference were the International Action Programme which included concrete actions and commitments, establishment of REN 21-Global Renewable Energy Policy Network and development of a set of Policy Recommendations for Renewable Energies. In order to keep the momentum and expand it to developing countries, the 2nd Conference was hosted by China at Beijing during November, 2005 (BIREC'2005). Continuing this effort, the United States organized the Third global Ministerial-level International Conference on renewable energy titled: "WIREC-2008" during March 2008, in Washington, DC, inaugurated by the then President of USA and attended by around 9,000 participants from 125 countries including 103 Ministers. The Conference debated on cross-cutting policy issues: research and development; market adoption and finance; agriculture, forestry and rural development; and involvement of sub-national authorities. This event also included a world-class trade show. In the Spirit of Bonn, Beijing and Washington, India would be hosting the **4th Delhi International Renewable Energy Conference (DIREC) during 27-29 October 2010.**

While Inaugural Plenary Session would be held on 26th October, 2010 at Vigyan Bhawan, New Delhi the Ministerial Session, Business Conference, Parallel/Sectoral Sessions, Side events, Seminars, Workshops, Valedictory Session (totalling around 60) and Exhibition/trade show would be organised from 27th to 29th October, 2010 at India Expo Centre & Mart, Greater Noida (National Capital Region Delhi).

The main theme of the conference is: “Upscaling and Mainstreaming Renewables for Energy Security and Climate Change”. Participants will address drivers of renewable energy production and use, including: Upscaling global effort for joint research and development and technology transfer models; (ii) Innovative financing and funding for mainstreaming renewable; (iii) Addressing trade and investment barriers for Upscaling renewables; and (iv) Sustainable renewable energy business models for grid/decentralized applications; etc. Each theme will examine policy initiatives that can facilitate rapid scale-up of renewable energy.

The Conference Agenda shall have both the breadth and depth necessary for international leaders to address energy security, environmental issues, and wealth creation in rural areas. The schedule shall be designated to complement the Trade show and Conference at DIREC 2010. The Conference shall offer industry leaders the ability to share their insights, strategies, technologies, new products and staff capabilities with their audiences. For detailed information for the benefit of the prospective participants at the Conference/Exhibition, the Conference specific website: www.direc2010.gov.in is being regularly updated.

Committees including representatives of concerned Ministries, industry associations and specialized renewable energy bodies to strategize and coordinate organization of this conference have been constituted.

The event would include along with the main conference (Plenary and Ministerial Sessions), a Trade Show and a Global Business Conference. The official side events would include technical and industry events. We expect that keeping in view the trend of the earlier three conferences, more than 100 Ministers from about 130 countries could participate. We also expect about 8000-9000 participants to attend the conference and exhibition events. The event would enable to promote India as a promising and attractive destination for renewable energy investment both from the perspective of products and technologies and also a cost effective hub for knowledge outsourcing for such upcoming technologies.



Delhi International Renewable Energy Conference

India Expo Centre - Expo XXI, Greater Noida
National Capital Region of Delhi

27-29 October 2010

Upscaling and Mainstreaming Renewables for Energy Security and Climate Change

- Solar
- Wind
- Bio fuels & Bio mass
- Hydro
- Cogeneration
- Geothermal
- Energy Efficiency
- EVs / HVs



Organiser



Government of India
Ministry of New & Renewable Energy

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Exhibitions India Group

www.direc2010.gov.in

Delhi International Renewable Energy Conference (DIREC) 2010

DIREC 2010, an international platform to jointly address the goal of advancing renewable energy, is the 4th global ministerial-level conference on renewable energy, following successful editions at Washington in 2008, Beijing in 2005 and Bonn in 2004.

Cabinet-level government functionaries from a number of countries will join civil society partners and private sector leaders to discuss the opportunities and challenges of a global, rapid deployment of renewable energy.

The participants will address, and showcase, key drivers of renewable energy production and applications including:

- Upscaling global effort for joint R & D and technology transfer models
- Innovative financing and funding for mainstreaming renewables
- Deliberating upon trade and investment barriers
- Sustainable renewable energy business models for grid integrated / decentralized applications
- Policy initiatives that can facilitate rapid scale-up of adoption of renewables

A concurrent exhibition spread over 20,000 sqm. area showcasing cutting edge technologies and services will be the largest B-2-B exhibition of its kind in India.

Packed with a full-scale trade show, press conferences and product launches, an exciting 24 - track Business Conference and Parallel Events/ Presentations/ Interactive Sessions, DIREC 2010 is an unparalleled opportunity to connect with the best in the industry and benchmark products & services in order to enhance global competitiveness. With more than 9,000 delegates / participants, over 250 industry leading speakers and 600 exhibitors from 40 countries, the event is expected to be the premier renewable energy gathering ever held in India.

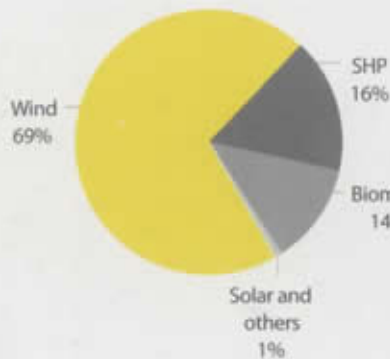


Advantage India

- The share of renewable energy in installed capacity has grown rapidly from 3% in 2005 to 9.7% in 2009.
- A total renewable power capacity addition of 15,000 MW is envisaged during the 11th Five Year Plan (2007-2012).
- India's renewable sector attracted investments worth US\$ 3.8 billion in 2008 – a growth of 17% over the previous year. India recorded significant transaction activity with deals worth US\$ 2,155 million being announced between January 2005 and July 2009. The average deal size is US\$ 69.5 m during this period.
- India ranks 4th in the world according to the Ernst & Young Renewable Energy Country Attractiveness Indices, May 2009.

- The Prime Minister's council on climate change recently approved the National Solar Mission, which aims at solar power generation of 20,000MW by 2020.

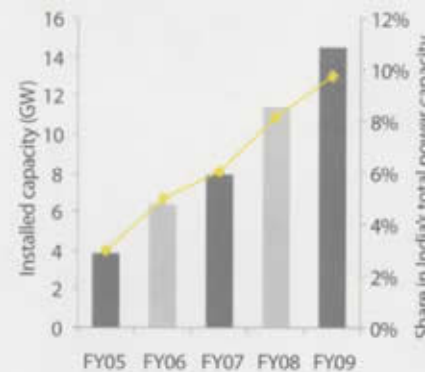
Break-up of RE capacity (FY09)



Source: Ministry of Power, Ministry of New and Renewable Energy and Central Electricity Authority

- India is ranked 5th in the world in terms of installed wind power capacity with 10,242 MW of installed capacity as of March 2009. With 1,800 MW added in 2008, the wind energy sector is growing steadily.
- There is a huge estimated potential of 15,000 MW of small hydro power (SHP) in India, of which 80% is yet to be tapped.
- The recent customs duty cuts on biodiesel from 7.5% to 2.5% announced by the Finance Minister promise to promote the adoption of green fuel.
- The State Electricity Regulatory Commissions (SERC) have been mandated to promote RE, through RPOs (Renewable purchase obligations) which require discoms to source upto 10% of their power from RE sources.

Growing clean energy capacity





Exhibitor Profile

Solar Energy

- Manufacturers of cell and module encapsulation, crystal growth equipments, diffusion furnaces, laminators, mounting systems, concentrators, trackers and collectors
- Wire saws and consumables
- Inverters, ingots, wafers, charge controllers, batteries and module connectors
- Photovoltaic (PV) modules, hybrid systems, materials and equipments
- Screen-printing and metallization equipments
- Solar cells manufacturers
- Solar drying and desalination systems
- Solar water heating/cooling systems and solar pumps
- Testing, monitoring systems, project consultants, suppliers of building integrated photovoltaic (BIPV) and solar thermal engineering
- Suppliers of raw materials
- System integrators, assemblers and distributors
- Turnkey solution providers
- Solar farm developers and owners
- Annual maintenance contractors
- Emission monitoring systems
- Electrical test and measuring systems
- Solar street lighting systems
- Software solutions & providers of irradiation data etc.
- Glass, substrates, coatings, resins, films, gasses etc.

Wind Energy

- Buyers and sellers of old WEGs
- Civil engineering surveyors and contractors
- Component repairers (other than OEMs)
- Consultants and certification agencies
- Electrical and electronics items manufacturers
- Freight forwarders
- Hydraulic and mechanical items manufacturers and suppliers

- Insurance companies, surveyors, valuers, Operations and maintenance providers
- Stand-alone small aero-generator manufacturers & Training providers
- WEG erection contractors, spares, components, tools and lubricants manufacturers
- Wind electric generator (WEG) manufacturers
- Wind monitoring and analysis systems suppliers
- Assessment and forecasting service providers
- Wind-Solar hybrid power system integrators
- Wind farm owner

Bio fuels & Bio mass

- Analytical instruments manufacturers and service providers
- Bio-diesel / bio-ethanol distributors or refining companies
- Bio-diesel dispensing and mixing equipment manufacturers
- Biomass heating and drying equipment manufacturers
- Bioreactor, boiler, turbine and turbo-generator manufacturers & consultants

Hydro Energy

- Component manufacturers, Consultants and certification agencies
- Digital simulator manufacturers
- Electrical, mechanical and civil contractors
- Manufacturers and suppliers of generators and control equipment manufacturers
- Hydro turbine manufacturers
- Mechanical and hydraulic items manufacturers and supplier
- Performance testing equipment manufacturers

Cogeneration

- Automation measuring and control systems
- Complete plant solution providers
- Project developers

- Financial institutions and investors
- Utility planners and organizations
- Equipment suppliers and service providers
- Consultants

Geothermal Energy

- Component manufacturers
- Contractors
- Drilling engineering consultants
- Manufacturers of circuit protector devices
- Manufacturers of geothermal heat and ring compressors pumps
- Manufacturers of L.P drills and air drilling tools
- Manufacturers of mechanical chart reader
- Manufacturers of high temperature gauges
- Recovered Energy Generation (REG) plant operators
- Service providers

Energy Efficiency

- Energy efficient equipments for power generation, transmission and distribution
- Industrial and decorative lighting equipment, luminaires, fixtures and accessories
- Manufacturers of motors and pumps
- Manufacturers of LED and charge controllers
- Green information & communications technologies (ICT)

EVs/HVs

- Electric vehicles (EVs) manufacturers - 2, 3 and 4 wheelers
- Hybrid vehicle manufacturers
- Hydrogen and fuel cells
- Battery manufacturers





Attendees Profile

- Advocacy Groups
- Architects & Planners
- Associations and Industry Leaders
- Building Owners
- Carbon Fund Managers
- Civil Society
- Clean-Tech Specialists
- Code Officials
- Component Manufacturers
- Consulting Firms
- Construction & Rigging Companies
- Contractors
- Engineers
- Entrepreneurs
- Environmental Groups
- Equipment Manufacturers
- Facility Managers
- Financial Services Providers
- Government Agencies -Central & State
- Governments and High Level Decision Makers
- Green Power Providers
- Home Builders
- International Organisations
- Interconnection Companies
- Insurance Firms
- Institutional Investors
- Institutes of Architects
- Investment Banks
- Investors
- Law Firms
- Media
- Municipalities
- Nonprofit Organisations
- Non-Governmental Organisations
- Politicians
- Policy Level Thinkers
- Private Industries
- Project Developers
- Product Manufacturers
- PSUs
- Researchers & Academia
- R & D Institutions
- Regulatory Institutions
- Technology Developers
- Utility Providers
- Venture Capital Firms

Exhibition Space Charges

SHELL SCHEME (Minimum 9 sqm)
Rs. 10,000 / US\$ 330 per sqm*

RAW SPACE (Minimum 27 sqm)**
Rs. 9,000 / US\$ 300 per sqm*

Shell Scheme Package (9 sqm) includes:

- Modular shell stand structure (side & back walls height 2.44m)
- Fascia with company name & booth number
- Two chairs
- Carpet
- One counter
- Three 100 W spotlights
- One 5 amp power outlet
- One waste paper basket
- Daily stand cleaning

* Service tax as applicable.
** Power supply @ Rs. 3,000/ US\$ 80 (1kw per 9 sqm.)

Conference Delegate Fee

Delegate			Student & Academia (With ID proof)	
Days	Indian (Rs.)	Overseas (US\$)	Indian (Rs.)	Overseas (US\$)
Three days	18,000	600	4,500	120
One day	6,000	200	1,500	40
10% discount for 3 or more delegates representing the same organisation.				

Organiser



सत्यमेव जयते

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