

Post Show Report

3rd RENEWABLE ENERGY INDIA 2009 EXPO

International Exhibition & Conference
Pragati Maidan, New Delhi, India
10-12 August 2009

Renewables...Empowering India

- Solar • Wind • Bio • Hydro • Cogeneration
- Geothermal • Energy Efficiency • Electric Vehicles

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Company	Country	Company	Country
3M Electro & Communication India Pvt. Ltd.	India	Carton	Japan
3-S Swiss Solar Systems AG	Switzerland	Centrotherm Photovoltaic AG	Germany
3TIER India Pvt. Ltd.	India	Changzhou Season New Energy Technology Co., Ltd.	China
Access Solar Limited	India	Chaudhry Hammer Works Ltd.	India
ACL Inc.	USA	China Mining Resources (H) Limited	China
Acme Tele Power Pvt. Ltd.	India	Chiranjeevi Wind Energy Limited	India
AEP Energie Consult	Germany	Christiani Sharpline Technical Training P. Ltd	Germany
Affiliated Manufacturers Inc. (AMI)	USA	Cixi Renhe Photovoltaic Electrical Appliance Co., Ltd.	Taiwan
African Wind Energy Association	Africa	Cogeneration Association of India	India
Ajit Solar Pvt. Ltd.	India	CPP Solar	USA
Akson's Solar Equipments Pvt Ltd.	India	Crompton Greaves Ltd.	India
ALD Vacuum Technologies GmbH	Germany	Crystal Instruments	USA
Ambitec corp.	Taiwan	Daksh Energy Systems	India
American Superconductor & AMSC Windtec Subsidiary	USA / India	DD Berg Project Consultants Pvt. Ltd.	India
Ammini Solar Pvt. Ltd.	India	DD Solar Twenty Three India Pvt. Ltd.	India
AMS Inc.	India	Deccan Power Products (P) Ltd.	India
Andromeda Energy Technology (P) Ltd.	India	Deeya Energy	USA
Anji Dasol Solar Energy Science & Technology Co., Ltd.	China	DEHN+SOHNE GmbH+Co. KG	Germany
Antec S.A.	Spain	DEIF A/S	Denmark
Anu Solar Power Pvt. Ltd.	India	DEK International	USA
Applied Materials India Pvt. Ltd.	USA	DELTA Group	India
Armaec Energy Group Plc.	UK	Despatch Industries	USA
ASAPP Media Pvt. Ltd.	India	DIAB Core Materials Pvt Ltd.	India
Ashi Green unit of Ashi International	India	Doerken MKS	India
Associated Research Inc.	USA	Doerken MKS System GmbH & Co. KG	Germany
Asvathi Power Systems	India	Dow Corning	USA
ASYS Group Asia Pte Ltd.	Singapore	DuPont Photovoltaic Solutions	India
AUS Renewable Energy Ltd.	Australia	Durga Bearings Pvt. Ltd.	India
Aven Tools Inc.	USA	e+c di elmar a. wimmer GmbH	Germany
Avni Energy Solutions Pvt. Ltd.	India	E+HPS Pte Ltd.	Singapore
AWS Truewind, LLC	USA	Eaton Technologies Pvt. Ltd.	India
Azure Power	India	EBSO GmbH	Germany
Beam Works Inc.	USA	Ecolutions Carbon India Pvt. Ltd.	India
Bergen Associates Pvt Ltd	India	Economic Research India Limited	India
Bernstein Werkzeugfabrik Steinrücke GmbH	Germany	Ecoprogetti	Italy
Bhambri Enterprises	India	Edwards India Pvt. Ltd.	India
Bharat Electronics Limited	India	El Camino Technologies	India
Bio Diesel Association of India	India	Electrolock	USA
Bizlink Interconnect Technology (India) Pvt. Ltd.	India	Electrolube	UK
Blistech International	India	ELM International	Japan
Bonfiglioli Transmission Pvt. Ltd.	India	EL-SOL Energy Systems	India
Borosil Glass Works Limited	India	Emergent Ventures India	India
Bruker-Spaleck GmbH	Germany	Emmvee Solar Systems Pvt Ltd.	India
BTU International	Switzerland	Emmvee Toughened Glass & Photovoltaics Pvt Ltd	India
Bureau of Energy Efficiency	India	Empire Machine Tools	India
Carbon credit finance- Media Partner	USA	Endeas Oy	Finland
Carborundum Universal Limited	India	Energio Solar	Hungary
		Enlog LLC	India / USA

Participants

Company	Country	Company	Country
Envirofit India Private Limited	India	HHV Solar Technologies Private Limited	India
ERSA GmbH	Germany	Hind High Vacuum Co. Ltd	India
Etimex Solar GmbH	Germany	Huber+Suhner Electronics Pvt. Ltd	India
Euro-China Solar Promotion Committee	China	Hynetic Electronics Pvt. Ltd	India
F+L Asia, Inc.	Philippines	I&J Fisnar	USA
Farnell	India	ICOS Vision systems	Belgium
FARO Business Technologies India (P) Ltd	India	Ideal Industries Inc	USA
Ferro Electronic Material Systems	India	Ideal-Tek	Switzerland
Filtronic AB	Sweden	India core	India
Fimor	France	India Renewables Limited	India
Fine Renewable Energy Ltd	India	Indiamart.com	India
Fischer Elektronik GmbH	Germany	Indo French Chamber of Commerce & Industry	India
Fortec AG	Switzerland	Indosolar Limited	India
Fortix Technology Co., Ltd	South Korea	INETest Technologies India Pvt. Ltd	India
Foshan Shunde Aulun Electric Co., Ltd.	China	Infineon Technologies India Pvt. Ltd	India
Four-C-Tron	India	Innovlite (India) Pvt. Ltd	India
FPE Fischer GmbH	Germany	Inter PV magazine	Korea
Freeplay Energy	India	International Marketing Corporation	India
Gaertner Scientific Corporation	USA	INTERTEK India Private Limited	India
Gansu Henglong Industrial Products Co., Ltd.	China	IREDA	India
Gantner Instruments India Pvt. Ltd	India	ITW Chemin	India
Garrad Hassan India Pvt. Ltd	UK / India	ITW Chemtronics (Circuit Works®)	USA
Gautam Polymers	India	ITW Simco	Japan
GE India Industrial Pvt. Ltd	India	ITW Texwipe	Singapore
Gebr. Schmid GmbH + Co.	Germany	J.V.G Thoma GmbH	Germany
GEDORE	India	Jain Irrigation Systems Ltd	India
Geissel India Pvt. Ltd	India	Jiangxi Risun Solar Energy Co., Ltd.	China
Ghodawat Energy Ltd	India	Jiangyin Jetion Science and Technology Co., Ltd	China
Giga Solar Materials Corp	Taiwan	Jplan Infotech	India
Global Wedge, Inc.	USA	JR Fibreglass Ind. Pvt Ltd	India
goingtomeet.com	Philippines	Juki Corpn	Japan
Gorosabel	Spain	Juli New Energy Co., Ltd	China
GPF Solar	USA	Jupiter Solar Power Limited	India
GreenBrilliance Energy (P) Ltd	India	K.S. Instruments Pvt. Ltd	India
Greenwave Capital LLC	India	Kanken Techno Co. Ltd	Japan
Growdiesel Fuel Forever	India	Kenersys India Private Limited	India
GT Solar Technologies	USA	Kenta Technologies	Singapore
Haining Sanxi Solar Energy Industry Co., Ltd	China	Kester Components Pte Ltd	Singapore
Haining Sunpose New Energy Co. Ltd	China	Khanna Exim	India
Hakko Corporation	Japan	KIC International Sales, Inc	USA
Hangzhou First Hot-Melt Adhesive Film Co., Ltd	China	Kilews Industrial Co. Ltd	Taiwan
Hangzhou Solar PV Co., Ltd	China	Koki Tec Corpn	Japan
Hans Laser Technology Co. Ltd	India	Kotak Urja Pvt. Ltd	India
Hawe Hydraulics Pvt Ltd	India	Krepmpel GmbH	Germany
Helios Trade Link	India	KS Terminals	Taiwan
Hellermann Tyton	Singapore	Leatec Fine Ceramics Co., Ltd. (COYO)	Taiwan
Henan Succeed New Energy Material Co., Ltd	China	Lohmann Adhesive Tapes India Pvt Ltd	India
Henkel Adhesives Technologies India Pvt. Ltd	India	Lotus Systems GmbH	Germany

Company	Country	Company	Country
Luvata Pori OY.....	Finland	PV Magazine	Germany
M/RAD Corporation.....	USA	PV Solar magazine.....	China
M&W Zander FE (I) Pvt. Ltd	India / Germany	PVA Telpa AG	Germany
Machines Dubuit	France	Q-Cells AG	Germany
MADICO, Inc	USA	Qinhuangdao Boostsolar Photovoltaic Equipment Co., Ltd...China	
Manaco Energy Solutions Pvt. Ltd.....	India	Qinhuangdao Orient Science & Technology Co., Ltd.....China	
Marubeni Corporation	Japan	Qinhuangdao Rising Solar Energy of Science & Technology Co., Ltd.....China	
MCO Marketing Communications Organisations GmbH.....	Germany	Rajasthan Electronics & Instruments Ltd.....	India
Meenakshi International	India	RARA Electronics Corpn	Korea
MegaPhase LLC.....	USA	RCD Components.....	USA
Meier Group	Germany	RCSS Energies	India
Meyer Burger Ltd.....	Switzerland	Refex Energy Pvt. Ltd.....	India
Ministry of New & Renewable Energy.....	India	Regen Powertech Pvt. Ltd.....	India
MITA-TEKNIK.....	Denmark	Reliance Industries.....	India
Mitsubishi Electric Asia Pte Ltd.....	Singapore	Rena GmbH.....	Germany
Mondragon Assembly.....	Spain	RFCL Limited.....	India
Moserbaer Photovoltaic Ltd.....	India	Rofin-Baasel Singapore Pte Ltd.....	Singapore
Naolin Enterprises.....	India	Romax Solutions Pvt. Ltd.....	India
Neotronics International	India	Roop Arinna Fabricators Pvt. Ltd.....	India
New Energy Finance- Media Partner	UK	Roth & Rau.....	Germany
NIC Components Asia Pte. Ltd.....	Singapore	RRB Energy Limited	India
Ningbo Chuanyuan Photovoltaic Electrical Appliance Co., Ltd.....	China	RuggedCom Inc.....	Canada
Ningbo GXZ PV Technology Co., Ltd.....	China	Sahajanand Laser Technology Limited	India
Ningbo Qixin Electrical Appliance Co., Ltd.....	China	Saint-Gobain Glass India Ltd.....	India
Ningbo Solar Electric Power Co., Ltd.....	China	Sand To Solar Norway AS	Norway
Ningbo South New Energy Technology Co., Ltd	China	Sanicon Engineer Pvt. Ltd.....	India
Ningguo Longguan Photoelectric Co. Ltd	China	SanRex Asia Pacific Pte Ltd	Singapore
Nisshinbo Mechatronics Inc.....	Japan	SCB Interconnectin Solutions Pvt. Ltd	India
NMTronics India Pvt. Ltd	India	Schott Solar AG.....	India
NPC Incorporated	Japan	Sefar AG.....	Switzerland
Nuetech Solar Systems.....	India	SFC Co. Ltd.....	Korea
Numeric Power Systems Limited	India	Sgurr Energy	UK
Oerlikon Solar Ltd., Truebbach	USA	Shandong Linuo Paradigma Co., Ltd	China
OMNI Editions(energetica).....	Spain	Shanghai Flat Glass Co., Ltd	China
OTB Solar	India	Shanghai Lilei Import & Export Trading Co., Ltd.....	China
Overdrive Technologies.....	India	Shanghai Luminasia International Co., Ltd.....	China
Pasan SA.....	Switzerland	Shenzhen Sveck Technology Co., Ltd	China
PCB Piezotronics, Inc.....	USA	Shenzhen Zhong Jing Solar Co., Ltd.....	China
Pemco Eurolinks	Italy	Shindenkizai Co. Ltd	Japan
Penguin Solar	India	Shriram Leitwind Limited.....	India
Pennsylvania Trade & Investment Office.....	India	SIC Processing AG.....	Germany
Phocos India Solar Pvt Ltd.....	India	Sierratherm Production Furnaces Inc	USA
Photon International	China	Signet Solar, Inc	USA
PLG Power Ltd	India	Silver Spark (P) Ltd.....	India
Pratt and Whitney Power Systems (UTC Power).....	USA	Singulus / Stangl	Germany
Premier Solar Systems.....	India	SMA Solar Technology AG	Germany
		SNU Precision Co., Ltd. South.....	Korea

Participants

Company	Country	Company	Country
Solar 23 GmbH	Germany	Thermaflex Pipe & Insulation Pvt. Ltd	India
Solar Energy Review	India	Thomas & Betts	Singapore
Solar Energy Society of India (SESI)	India	Topsun Energy Ltd	India
Solar Semiconductor Pvt. Ltd	India	Torpedo Specialty Wire	USA
Solar Tech Group - JVG Thoma	India / Germany	Toyo Living Co. Ltd	Japan
SolarIndiaOnline.com	India	TRA International	India
Somont AG	Switzerland	tradelIndia.com	India
Specialized Technology Resources, Inc	USA	Trend Communications India (an affiliate company of Ideall Industries, USA)	India
Spire Corporation	USA	Treston Oy	Finland
Steca GmbH	Germany	TUV Rheinland (India) Pvt. Ltd	India
Steinbach AG	Germany	UD Energy Systems	India
Stromag AG	Germany	Ulvac Inc	India
Stromag France SAS	France	Underwriters Laboratories (UL)	India
Stromag India Pvt. Ltd	India	United Technologies Inc	India
Structural Solutions Private Limited	India	US Commercial Services	USA
Su-Kam Power System Limited	India	Vector Japan	Japan
Sumitron Exports Pvt Ltd	India	Venture Lighting India Ltd	India
Sun & Wind Eenergy	Germany	Vestas Wind Technology India Pvt. Ltd	India
Sun Energy Systems	India	VIA Engineering Pte Ltd	India
Sungrace Energy Solutions (P) Ltd	India	Vignani Solutions Pvt. Ltd	India
Sunhome Solar Water Heater Co., Ltd	China	Vikram Solar Pvt. Limited	India
Suniva Inc	USA	Vrinda Nano Technologies Pvt. Ltd	India
SunPower Corporation	USA	Waaree Energies Pvt Ltd	India
Sunrise Solar Pvt Ltd	India	Wallaby Metering Systems (P) Ltd	Chennai / India
Suntech Power Holdings Co., Ltd	China	Webel-SL Energy Systems Ltd	India
Suntech Synergies	India	Weiss Umwelttechnik GmbH	Germany
SunTechnics Energy Systems Pvt. Ltd	India	WestTech Component China Wuxi Co. Ltd	China
Suntrof Mulk Energy Group	UAE	Winchester Electronics	USA
SunValley Energy Application Co., Ltd	China	WinWinD	India
Sunworld Tech Corp	China	World Energy Council - IMC	India
Superlite Industries	India	World Wind Energy Association	Germany
Surana Telecom & Power Limited	India	Wuhan Guoce Nordic New Energy Co., Ltd	China
Suzlon Energy Limited	India	Wuhan Huangong Laser Engineering Co., Ltd	China
SVCS Process Innovation Czech Republic		Wuhan Rixin Technology Co., Ltd	China
Svendborg Brakes	Denmark	Wuhan Sunic	China
Synergistix (India) Pvt. Ltd	India	XL Telecom & Energy Limited	India
Synergy Renewable Energy Pvt. Ltd	India	Yingkou Jinchen Machinery Co. Ltd	China
Tag International	USA	Zecon Solar	India
Taian Topsun Import And Export Co., Ltd	China	Zhejiang Chem Tech Group Co., Ltd	China
TATA BP Solar India Limited	India	Zhejiang FeiYu Photo-Electrical S & T Co., Ltd	China
Team Sustain	India	Zhejiang Global Solar Energy Co., Ltd	China
Techni Tool	USA	Zhejiang Hurras Solar Energy Technology Co., Ltd	China
Tempress Systems BV	Netherlands	Zhejiang Modern New Energy Co. Ltd	China
tender tiger	India	Zhejiang Sun Valley Energy Application Technology Co., Ltd	China
TERI (The Energy and Resources Institute)	India	Zhuhai Baixin Machinery Co., Ltd	China
The corporate Profiles	India	Zhuhai Yuemao Laser	China
The Eraser Company Inc	USA		
The Israel Export & International Cooperation Institute	India		

3rd Renewable Energy India 2009 Expo: Highlights

A platform to provide value to the industry and showcase opportunities in the Indian market for global players

The 3rd Renewable Energy India 2009 Expo was a landmark event that reinforced India's commitment towards sustainable development. "A truly global event with an Indian touch" is how the international fraternity acknowledged the success of the event.

Over 12,600 trade visitors and 1,500 conference delegates from across the globe thronged the expo venue to interact with 386 exhibitors from 27 countries. High level delegations from Bangladesh, China and UK and country pavilions from Germany & USA showcased the international reach of the show.

The event, with an underlying mission of "Renewables..... Empowering India", was supported by the Ministry of New and Renewable Energy (MNRE), Govt. of India.

Shri Deepak Gupta, Secretary, MNRE inaugurated the event and acknowledged the renewed global interest in developing alternate energy against the backdrop of depleting fossil fuels. He stressed the need to have a coherent roadmap to fully leverage the huge, but latent, potential of this sector in India. He also outlined that the total renewable power capacity addition of 15,000 MW is envisaged during the current 5-year plan (2007-2012) period and an ambitious target of 20,000 MW of solar power by the year 2020 is envisaged under the National Solar Mission announced recently by the Prime Minister's Office (PMO), Government of India.

The event brought together leading visionaries from the renewable energy sector. It offered an excellent forum, for interaction amongst key decision makers, government officials, venture capitalists, equity investors, technocrats, engineers and the media as well as to highlight the way forward for a progressive energy mix where renewable energy plays a pivotal role.



Ribbon cutting ceremony by the Chief Guest
Shri Deepak Gupta, Secretary,
Ministry of New & Renewable Energy, Government of India

The concurrent 3-day international conference agenda attracted 140 domestic and international speakers to share their expertise on strategic issues involving regulatory framework; global policy drivers; technologies and other challenging issues facing the renewable energy industry.

This is likely to give more impetus to the research & development, attract fresh investment, open new business horizons and accelerate the development and adoption of RE technologies in India.

Key deliberations that emerged during the conference sessions:

- The session on Cogeneration brought forth the fact that while Cogeneration improves plant efficiencies considerably, there is a need to maximize it by using all-internal fuels and also achieve higher steam pressures for higher co generation potential.
- During the session on Biofuels, it was highlighted that the industry is in the incubation stage but large scale jatropa cultivation and the infrastructure for oil seed collection and oil extraction must be

386 Exhibitors
27 Countries
140 Speakers
1,504 Delegates
12,665 Trade Visitors

Participants

established before the industry can be placed on a rapid growth track.

- The session on “Accelerating the solar economy: How to reduce costs and maximize ROI” ended on a unanimous conclusion that government should focus on providing a stable policy regime, rather than providing subsidies.
- During the session on “Wind farm development: Procurement and solution optimization in a constrained market” it was agreed that the major challenges today are to achieve financial closure and meet project and equity IRR with the good news being the availability of equipments and the favourable attitude of government agencies and regulators.
- The session on “Road map to grid parity: The great debate and the regulatory framework” essentially agreed that better incentives leading to lucrative investment opportunities would lead the way towards economies of scale.
- “Issues and challenges faced by state developers of SHP” – the panel laid emphasis on the fact that a uniform tariff should be announced on a 5-year plan basis. They also stressed upon introducing the concept of switching stations & pooling stations.
- During the session “CDM issues and the way forward” several key take aways emerged including the fact that CDM is a binary market and one should select the CDM partner with care as well as the reality that CER and EUAs are different commodities with different prices & risks-the higher the price, higher the risk.



Lighting of the lamp by Chief Guest Shri Deepak Gupta, Secretary, Ministry of New & Renewable Energy, Government of India

Featuring an impressive bouquet of technologies from the sectors of Solar, Wind, Hydro, Bio, Geothermal energy, Cogeneration, Energy Efficiency and EVs/HVs the Expo also hosted several parallel events including a CEO Roundtable; Workshops/seminars by Solar Energy Society of India (SESI), Cluster Network Germany - India, Structural Solutions Pvt Ltd; German Day by German Federal Ministry of Economics & Technology; Youth Summit; Youth Entrepreneurial Green Awards 2009; Green Jobs Fair 2009; press conferences, product launches and business matching that showcased the potential of the vibrant Indian market.

See you in 2010

As the 3rd Renewable Energy India 2009 Expo successfully caps yet another year with outstanding achievements, we look forward to welcoming you to Delhi International Renewable Energy Conference (DIREC) 2010 scheduled to be held during 27-29 October 2010.

The focus will be on the key drivers of renewable energy production, applications including global joint R&D efforts, technology transfers, addressing trade & investment barriers, innovative financing and funding, and sustainable business models.

Seeing the overwhelming response to the 3rd Renewable Energy India 2009 Expo, the Ministry has expressed its confidence in the competence of the organizer in managing the global forthcoming mega event, DIREC 2010.



(L-R) Billy Shrikent, CEO, EI Group; Pranav Nahar, MD, Evolution Markets India; Prem Behl Chairman, EI Group; Shri Deepak Gupta, Secretary, MNRE, Govt. of India; Carmine D' Aloisio, Minister Counselor for Commercial Affairs, Embassy of the USA & Kuljit Singh, Partner and Head – Transaction Advisory Services, Ernst & Young

Press Conferences



In order to announce the launch of Delhi International Renewable Energy Conference (DIREC) 2010, an inter – ministerial global event scheduled to be held during 27-29

October 2010 in Delhi/National Capital region (NCR), a press conference was held by MNRE on the first day of the event. It was addressed by Shri Deepak Gupta, Secretary, MNRE, Govt of India.

Themed “Upscaling and Mainstreaming Renewables for Energy Security and Climate Change” DIREC 2010 would focus on the key drivers of renewable energy production, applications including global joint R&D efforts, technology transfers, addressing trade & investment barriers, innovative financing and funding, and sustainable business models.

The MNRE Press briefing was followed by a Press Conference during which Ghodawat Energy Limited (GEL), in partnership with AMSC-Windtec GmbH, Austria announced the launch of their prototype, state-of-the-art indigenously manufactured Wind Energy Converter (WEC) – Ghodawat 1650. It was addressed by Mr Shrenik Ghodawat, Managing Director, Ghodawat Energy Limited and Mr Tim Poor, Vice President-Global Sales and Business Development, AMSC, USA.

CEO ROUNDTABLE



The CEO Roundtable turned out to be an extremely enlightening session.

Anchored by Mr Kuljit Singh, Partner and Head – Transaction advisory services, Ernst

& Young, the thought-provoking and interactive session provided insights on the renewable energy sector, investment outlook and enabling policies for the future growth. Senior industry leaders from the Solar, Wind, Biomass and Hydro sectors discussed and deliberated on “Financing renewable energy projects, current experience, challenges and roadmap for the future”.

The forum agreed that if India has to realize the full investment potential in renewables the Government must provide an enabling framework and remove policy, financial and technical bottlenecks to promote the sector.

The Panelists were:

- Rajeeva Arya, CEO, Moser Baer Photo Voltaic Ltd.
- Mark Ginsberg, Sr. Executive Board Member, US Department of Energy, USA
- Sarvesh Kumar, Dy Managing Director, RRB Energy
- Pranav Nahar, Managing Director, Evolution Markets India
- Craig O’Connor, Director, Ex-IM Bank, USA
- Rabindra Satpathy, President, Reliance Industries Ltd.
- Arun Seth, Director, Alternative Energy, ACME Tele Power Ltd.
- K Subramanya , CEO, Tata BP Solar India Ltd.
- Hari Surapaneni, President & CEO, Solar Semiconductor Pvt Ltd.
- Rajindra Valsalan, Managing Director, WinWinD Power Energy Pvt. Ltd.

Industry Reception



The Industry Reception on day 1 hosted by Exhibitions

India Group at Hotel Le Meridien, New Delhi provided an excellent forum for networking in an informal environment. The event was attended by a large number of Exhibitors and special invitees from the government and the industry.

Product Launches/Announcements

The event served as an apt platform for new product launches and to make industry announcements:

- Garrad Hassan & Partners Pvt Ltd, the leading consultants from UK, announced opening of their first Indian office in Bangalore.
- Phocos India Solar Pvt. Ltd. launched their CIS Industrial Solar Charge Controller featuring robust and compact aluminium housing and a microchip allowing for flexible and intelligent load control for various lighting applications.
- ITW Chemin launched their Schnee Morehead Tacky Tape®

Parallel Events

for the wind energy segment with special property being that it does not leave any residue.

- RCSS Energies launched special products for the rural areas including the Village 10 (featuring a 10W panel, 10 AH battery, 2 LED lamps with driver and a solar charge controller) and the Village 20 (featuring a 20W panel, 20AH battery, 3-4 LED lamps with driver and a solar charge controller).

Workshops / Seminars

Various workshops and seminars were conducted in the meeting room facility :



- Workshop by the Solar Energy Society of India (SESI): A workshop on “Latest trends in designing, manufacturing and testing of PV modules” was held during the expo wherein sector experts made the presentations.
- Workshop by Cluster Network Germany-India (CNGI): “Industrial Growth through Energy Efficiency”, the program discussed the energy efficiency potential in the industrial process itself through reducing conversion losses during the energy generation process.
- Seminar by Structural Solutions: A 2-day seminar on “Solar Panel Environmental Testing” aimed at examining the suitability and service life of products for their future use subject to the influence of temperature, air humidity, light etc.



German Day

The German Federal Ministry of Economics & Technology celebrated German Day at their pavilion on the second day of the expo with enriching presentations by experts from Germany.



Youth Summit

Keen to integrate Indian youth with the renewable energy industry, a special Youth Summit was organized on the theme “Youth... Building a Sustainable Future”.

The summit brought together young entrepreneurs, industry professionals, ministry officials, academics, NGOs and media to enlighten Indian youth on the renewable industry and its challenges, growing career opportunities available, technological advancements and the industry support.

Youth Entrepreneurial Green Awards 2009



Sponsored by Garrad Hassan & Partners Pvt. Ltd., UK, the awards were aimed to inspire young entrepreneurs to help create a sustainable future innovatively. 10 outstanding projects were on display throughout the Expo.



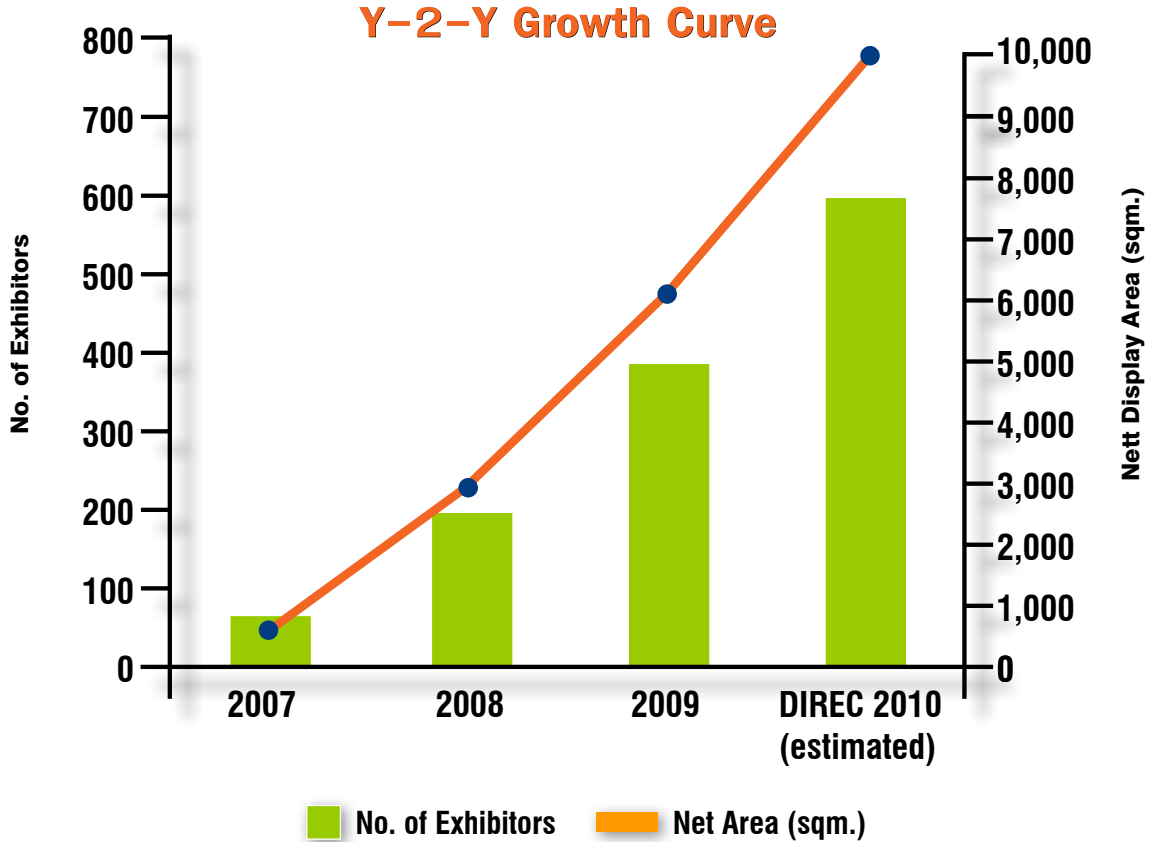
Green Jobs Fair 2009

The fair was organized as a value-added service exclusively for the exhibitors. It was an endeavour to highlight emerging career opportunities offered in the renewable energy industry.

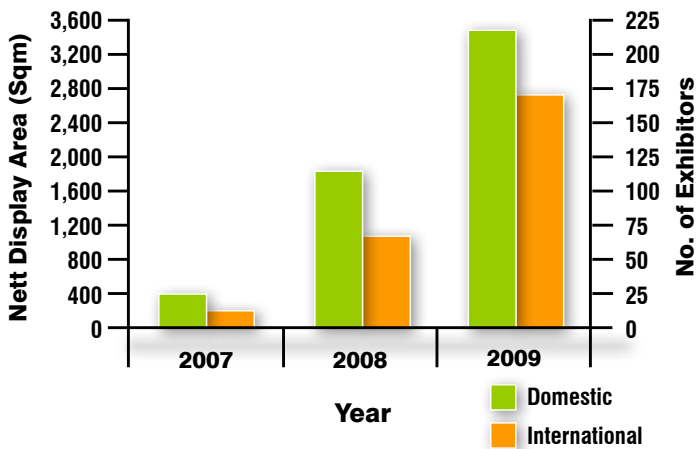
Business Delegations

The event attracted high-level delegations from Bangladesh, China and UK who were keen to explore business opportunities in India. A Business Meeting Arena was arranged for meeting their prospective clients.

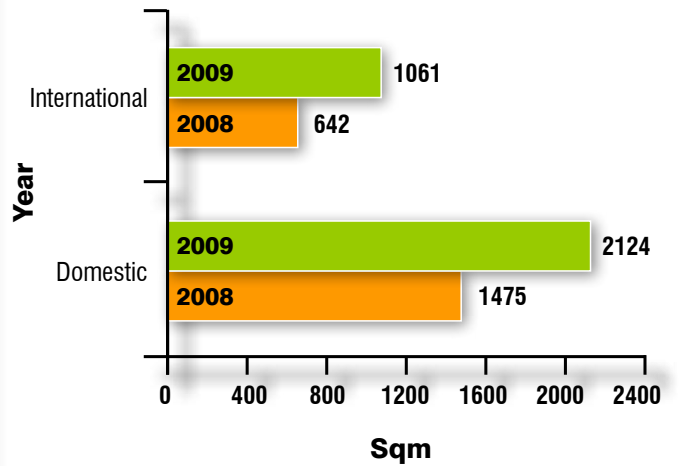




Growth Analysis (Dom. Vs Int.)

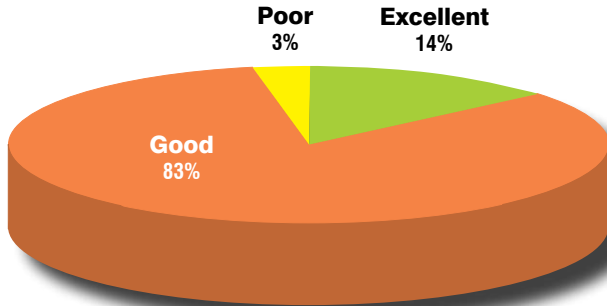


Growth Chart of 'Repeat' Exhibitors

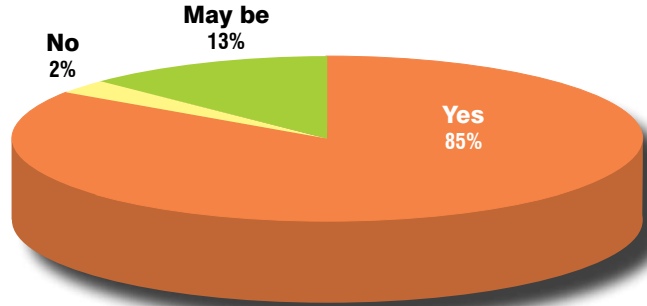


Exhibitor Feedback

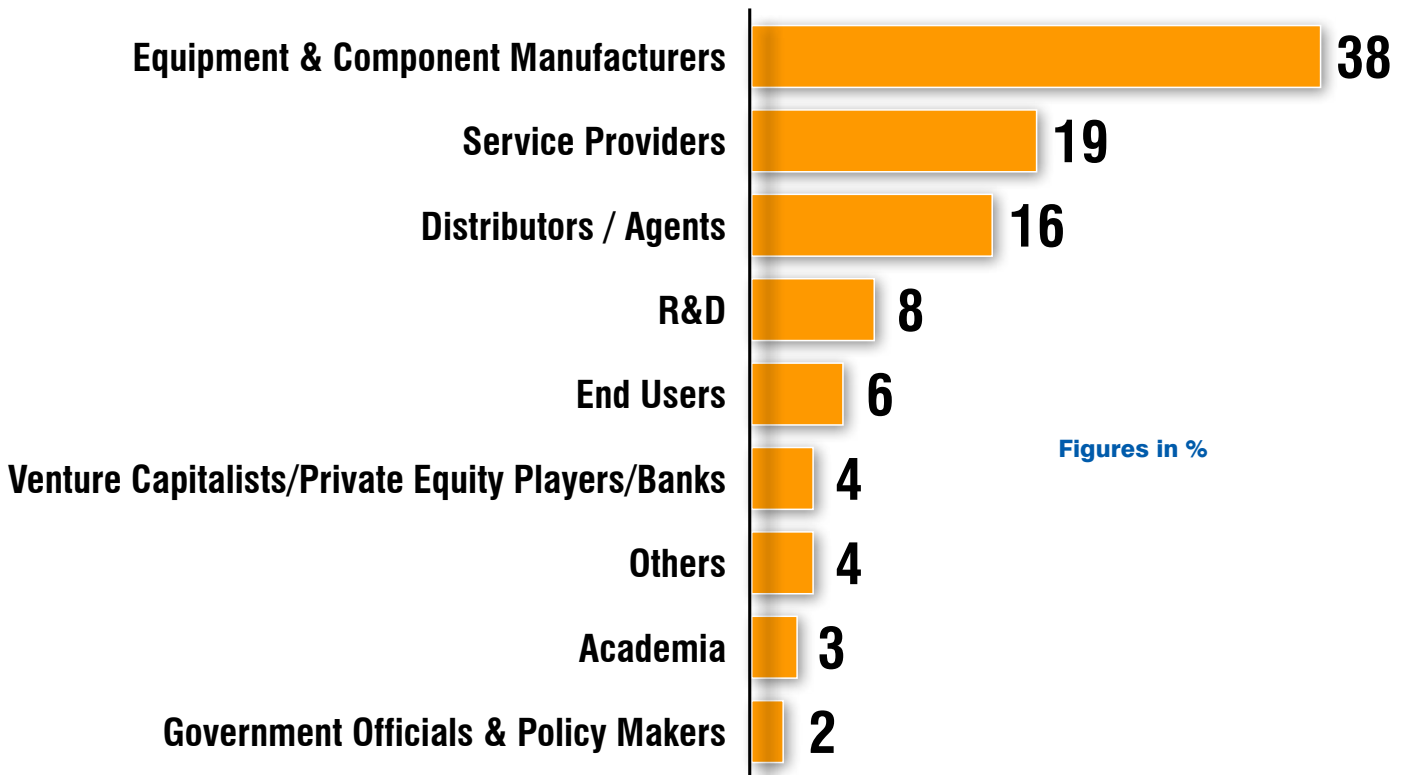
Response to the conduct of the Expo



Response to Participation at DIREC 2010



Visitor Statistics





Karl Schanz, General Technical Manager ASYS Group Asia Pte Ltd., Germany

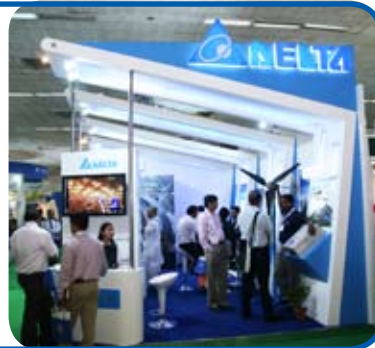
We have been coming here for the last 3 years and I have seen an improvement in terms of facilities and organization. There are additional halls and it is more spaced out this year.

John Pontin Co Founder of The Converging World, UK

This is well worth attending. I have picked up really good information and this justifies the cost. I would definitely want to come next year.

B.K. Anandkumar, Team Manager Sales, Delta Group, India

It is certainly worth the time and energy. This is our first year and we are carrying back a very good impression. For the next year we could look towards having a different mix of academic and business visitors. There are so many stalls and so many people to meet.



K.K. Chandra, Executive Manager, Steca Bergen, India

This is our 3rd year of participation. The arrangements are very good especially the infrastructure. This year it seems to be much bigger event and compares well with other similar international events.



Nicole Machutta, Marketing and Communications, Q- Cells, Germany

We have got some good quality contacts and qualified questions. So in terms of participants it is very good quality.

Charitra Jain, Senior Vice President, Jain Irrigation System Ltd., India

The show was very beneficial for both exhibitors and customers. It was an excellent platform to interact with new customers.



Participants Comments



R.K. Tanwar, Director (Operations), Webel SL Energy Systems Ltd, India

Webel SL Team would like to congratulate 3rd Renewable Energy Expo team for excellent arrangements for exhibitors to display their products and share products features with visitors. We got wonderful response in this exhibition and wishing all the best for your entire future endeavors.



Zhang Ting (De lla), Export Manager, Ningbo GZX PV Technology Co., Ltd., China

We are very glad to take part in the 3rd Renewable Energy India 2009 Expo. I think this PV exhibition is great and best in the India.

We would like to book a bigger booth in 2010 New Delhi Expo.

Arbab Khan, Manager Special Products, SuntrofMulk Energy Group, UAE

We are participating for the first time and it is amazing. We have got very good response and of course every thing was organized well and over all a very good experience. We look forward to come back next time.



Gavin Williams, Manager, Acciona Energy, Spain

I have to tell you that the thought process of the organizers is very clear, they seem to have all the key companies and all the personnel.



K.S. Patil, Manager, Underwriter Laboratories, India

This year's experience is unbelievable. In comparison to last year we have already got twice as many leads as we are still in day two. Perhaps this reflects the growing awareness in renewable energy.

Mohit Mittal, Director (Operations), Overdrive Technologies, India

We and our principals were more than satisfied with the show. The response at the exhibition was beyond our expectations & we received confirmed enquiries of over 1000MW capacity PV cell production lines from over 15 buyers in India alone. It seems that India is getting ready for a Green Revolution.



An extensive publicity and advertising campaign was undertaken before and during the event. The entire gamut of media promotion activities were directed towards creating awareness about the 3rd Renewable Energy India 2009 Expo through national and international journals and publications, newspapers, mainline television channels and online web portals.

The campaign enabled 3rd Renewable Energy India 2009 Expo to become a successful and an attractive event for the global industry

PRE EVENT PROMOTION

Print Media

Publication	Editions	Language	No of insertions
Business Standard	All	English	11
Dainik Jagran	Del/NCR	Hindi	1
Deccan Herald	Bangalore	English	2
DNA	Mumbai/Ahmedabad	English	1
Financial Chronicle	All	English	2
The Asian Age	All	English	2
The Economic Times	Multiple Editions	English/Hindi	4
The Financial Express	All	English/Gujarati	6
The Hindu Business Line	All	English	1

30 advertisements were released in daily print media. Further, 2 leading dailies - The Economic Times and The Indian Express provided editorial visibility to promote the event.

Journals / Publications

Domestic

Electrical Monitor
Energitica
Power Today
Projects Today
Solar Energy Review
Terragreen
The Solar Quarterly

38 advertisements were released in domestic journals

International

Carbon Credit Capital, USA
F + L Asia, Phillipines
Inter PV, Korea
New Energy Finance, UK
Photon International, Germany
PV Magazine, Germany
PV Solar, China
Sun & Wind Energy, Germany

24 advertisements were released in international journals



Online Media Partners

www.goingtomeet.com	Phillipines
www.solarindiaonline.com	India
www.indiamart.com	India
www.indiabuildinginfo.com	India
www.indiacore.com	India
www.tendertiger.com	India
www.tradeindia.com	India

Electronic Media

Channel	Date	Time Band
Times Now (Tickers)	2 - 11 August 2009	24 x 7
NDTV Hindu (Tickers & Aston Bands)	4 - 5 August 2009	24 x 7

POST / DURING THE SHOW COVERAGE

Print Media

Publication	Date	Language
The Financial Express	10 August 2009	English
DNA	11 August 2009	English
The Hindu Business Line	11 August 2009	English
Financial Chronicle	11 August 2009	English
The Indian Express	11 August 2009	English
Deccan Herald	11 August 2009	English
The Business Standard	12 August 2009	English
The Economic Times	12 August 2009	Hindi
The Economic Times	12 August 2009	Hindi
The Economic Times	13 August 2009	Hindi
Financial Express	17 August 2009	English
Financial Express	17 August 2009	English
Asian Age	22 August 2009	English



Electronic Media

Channel	Date
NDTV Profit	15 & 16 August 2009
Doordarshan	15 August 2009
Total TV	11 August 2009

Online Media Coverage

Portal	Date
www.pib.nic.in	10 August 2009
www.newswebindia123.com	11 August 2009
www.financialexpress.com	12 August 2009
www.northindiatimes.com	13 August 2009
www.nvnews.com	14 August 2009
www.newkerala.com	15 August 2009
www.sarkaritel.com	11 August 2009
www.ibef.org	11 August 2009
www.machinist.in	12 August 2009
www.globalsolartechnology.com	12 August 2009
www.pib.nic.in	13 August 2009
www.webnewswire.com	13 August 2009
www.thomex.com	13 August 2009
www.solarindiaonline.com	13 August 2009
www.machinist.in	14 August 2009
www.machinist.in	14 August 2009
www.globalsolartechnology.com	14 August 2009
Mercom Solar Report	14 August 2009
www.machinist.in	18 August 2009
www.business-standard.com	21 August 2009

Direct Mail Campaign

Plan Your Visit

The comprehensive brochure containing Show Updates, Exhibitor List, latest information about the companies and their products & services, Conference Programme etc was sent by courier to an exhaustive database of 55,000 and by email to a database of 70,000, prior to the event.

International Visits

The event was widely promoted through visits to domestic and international renewable energy events in China, Germany, France, Spain and USA

SMS Blast

Several SMS blasts were undertaken a week before the event.

Email Blast

The event was highly publicised through periodic emails by Solar India Online, IYCN, Teri and EI Group

Exhibition Invitations

Exhibition invitations were mailed to Ministry, Government officials, PSUs, Industry leaders, Environmentalists, Media and key prospects to ensure quality attendance.

Opening Ceremony Invitations

Invitations were sent out to industry, senior government officials and VIPs



Day 1: 10 August 2009

Hall 12A-1

Track: 1

1115-1230 hours

Track: 2

Hall 12A-2

Accelerating the solar economy: How to reduce costs and maximize ROI

Chairperson

Mr. K Subramanya, CEO, Tata BP Solar India Ltd., India

Special Address

Mr. Arun Seth, Director - Alternative energy, ACME Tele Power Ltd., India

Mr. Mark C Willingham, VP, Spire Solar Inc., USA

Speakers

Mr. Sahin Balkan, Executive Vice President - Global business development, IBC Solar AG, Germany

Mr. Rabindra Satpathy, President, Reliance Industries Ltd., India
Q & A

Potential and challenges faced by various industries involved in cogeneration

Chairperson

Dr. GC Datta Roy, CEO, DSCL Energy Services Co. Ltd., India

Special Address

Dr. Bipin Thapliyal, Scientist & Head-chemical recovery and energy management division, Century Pulp & Paper Research Institute

Speakers

Ms. Chhaya Bhandi, VP, Evolution Markets India, India

Mr. Vinay Kabra, Head - Innovation, Boiler & Heater Group, Thermax Limited, India

Dr. Rudolf Rauch, Manager, Indo-German Energy Programme, India

Mr. Arun Tewari, Head - Improvement & Development
Isgec John Thompson, India

Hall 12A-1

Track: 3

1245-1345 hours

Track: 4

Hall 12A-2

Thin film technologies- An outlook in turbulent times

Chairperson

Dr. Rajeeva Arya, CEO, Moser Baer Photo Voltaic Ltd., India

Speakers

Mr. Alden Lee, Sales Director Asia Pacific, Schott Solar AG, Germany

Mr. Ravi Sinha, Chairman, Choice Solar India Pvt. Ltd., India

Ms. Sohaila Setayesh, Director Sales, Contract Management, Centrotherm PV AG, Germany

Mr. Peter Sermon, Head of Sales, Oerlikon Solar, Germany

Dr. Arul Shanmugasundram, GM, Solar Sales & Marketing, Applied Materials, USA

Q & A

Bio fuels: Market drivers and outlook

Chairperson

Mr. Sandeep Chaturvedi, President, Bio Diesel Association of India

Speakers

Mr. Nikhil Chandra, CEO, Mapsets India

Mr. Dipankar Ghosh, Partner, Ernst & Young, India

Mr. CS Jadhav, Director (Marketing), Nandan Biomatrix Ltd., India

Mr. Saiprasad Nadella, Sales Application Engineer, GE Energy, India

Mr. Pranav Nahar, MD, Evolution Markets India Pvt. Ltd., India

Mr. KV Subramaniam, President & CEO, Reliance Life Sciences, India

Q & A

Hall 12A-1

Track: 5

1445-1615 hours

Track: 6

Hall 12A-2

Panel Discussion: Bouquet of technologies

Chairperson

Dr. B Bandyopadhyay, Adviser, Ministry of New & Renewable Energy, Government of India

Speakers

Dr. Mohan Bhan, V.P, Moser Baer Photo Voltaic Ltd., India

Mr. Chris Boomaars, Director - New Business Development, OTB Solar, Netherlands

Dr. Josef Haase, Sr. Director (Technology & Marketing), Centrotherm PV AG, Germany

Mr. Vaman Kuber, Consultant - SPV, Australia

Mr. Dean O'Connor, Global Head of Market Development & Technology, Linde Group, Singapore

Dr. DN Singh, CTO, Indo Solar Ltd., India

Q & A

Does the road to electric vehicle pass through India?

Chairperson

Mr. Naveen Munjal, MD, Hero Electric

Speakers

Mr. KK Bhan, MD, Ultra Motors India Pvt. Ltd., India

Mr. S Govindarajan, AGM- ERC - Adv Engg., Tata Motors Limited, India

Mr. Sanjeev Keskar, Country Manager - Sales, Freescale Semiconductor India, India

Mr. BK Vaishya, Sr. VP (R&D), Electrotherm, India

Mr. IV Rao, Managing Executive Officer Engineering (National Head - R&D), Maruti Suzuki India Ltd.

Q & A



Day 1: 10 August 2009

Hall 12A-1

Track: 7

1630-1745 hours

Panel Discussion: Securing the finance needed to drive Solar forward

Chairperson

Mr. Debashish Majumdar, CMD, IREDA, India

Speakers

Mr. Busso von Alvensleben, Senior Manager, KfW German Development Bank, India

Mr. Haziq Beg, Senior Vice President - Power Division, IL&FS Energy Development Company Ltd., India

Mr. Pinaki Bhattacharya, Principal, IDFC Private Equity, India

Mr. Anurakt Jain, Analyst, Draper Fisher Jurvetson India, India

Mr. Ashish Sethia, Business Manager, New Energy Finance, India
Q & A



Day 2: 11 August 2009

Hall 12A-1

Track: 8

1000-1115 hours

Wind farm developments: Procurement & solution optimisation in a constrained market

Chairperson

Shri KP Sukumaran, Adviser, Ministry of New & Renewable Energy, Government of India

Speakers

Mr. R Anbarasu, Technical Program Manager, GE Energy - Renewables, India

Mr. Reinhard Kehrer, Managing Partner, Gantner Instrument, Germany

Mr. Madhusudan Khemka, Managing Director, Regen Powertech Pvt. Ltd., India

Mr. VCS Velumani, Director, Winergy Drive Systems India Pvt. Ltd., India
Q & A

Track: 9

Hall 12A-2

Issues and challenges faced by state developers of SHP

Chairperson

Dr. Praveen Saxena, Director, Ministry of New & Renewable Energy, Government of India

Keynote Address

Mr. Yogendra Prasad, Special Advisor, Govt. of Uttarakhand, India

Speakers

Mr. KC Ashok, COO, Boving Fouress, India

Dr. Sunil Kumar Singal, Senior Scientific Officer, AHEC, IIT Roorkee, India

Mr. Tarun Kapoor, MD, HP Power Corporation, India

Mr. Arun Sharma, MD, A Power Himalayas, India

Dr. Pascal Storck, President-Global Operations, 3TIER, USA
Q & A

Hall 12A-1

Track: 10

1130-1300 hours

Short-term forecasting of wind power: Technology and regulatory challenges

Chairperson

Dr. Pramod Deo, Chairman, Central Electricity Regulatory Commission, India

Speakers

Mr. Andrew Garrad, MD, Garrad Hassan & Partners Ltd., UK

Dr. Pascal Storck, President - Global Head, 3TIER, USA

Mr. Mahesh Vipradas, Head Regulatory Affairs & Mr. Suresh Pillai, Sr. GM-Wind Resource, Suzlon Energy Ltd., India

Dr. John Zack, Principal, AWS TrueWind, USA
Q & A

Track: 11

Hall 12A-2

CDM issues & way forward

Chairperson

Mr. Ashutosh Pandey, CEO, Emergent Ventures India

Keynote Address

Ms. Tanushree Bagh, VP, Evolution Markets India

Speakers

Dr. Keshav C Das, Regional Director, Business Operation, Clean Trade Group, India

Mr. Dinesh Shetty, Local Product Manager - Climate Change Services, Bureau Veritas Certification India Pvt. Ltd., India

Ms. Jayshree Jamliya, Manager - CDM, Ecolutions Carbon India
Q & A



Conference

Hall 12A-1

Track: 12

1400-1515 hours

Track: 13

Hall 12A-2

Panel discussion - Business model amongst successful emerging technologies: Economics for power generation

Chairperson

Dr. B Bharagva, Director, Ministry of New & Renewable Energy, Government of India

Speakers

- Mr. Florian Hoecht**, Key Account Manager, Schott Solar CSP GmbH, Germany
 - Mr. Anjan Ghosh**, Sr. General Manager, Tata BP Solar India Ltd.
 - Mr. Sharad Mohanka**, Director, Gautam Polymers, India
 - Mr. Gurmeet Naroola**, India Business Development Head, SunPower Corporation, USA
 - Mr. Shiv Shukla**, President & CEO, Abencs Engineering Private Limited, India
 - Dr. Pascal Storck**, President - Global Operations, 3TIER, USA
 - Mr. Gagan Vermani**, General Manager PV, Moser Baer Photovoltaic Ltd., India
- Q & A**

Securing the investments needed to drive renewables

Chairperson

Mr. Craig O' Connor, Director, Ex-Im Bank, USA

Speakers

- Mr. Noam-Ben Ozer**, MD, Focal Energy, India
 - Mr. Kiran Patil**, MD, Ecolutions Carbon India, India
 - Mr. Pranav Nahar**, MD, Evolution Markets India, India
 - Mr. Todd Najera**, Director - Renewable Energy Standard Chartered Bank, Singapore
 - Mr. Deepak Verma**, COO, Emergent Ventures India, India
- Q & A**



Hall 12A-1

Track: 14

1530-1645 hours

Track: 15

Hall 12A-2

Road map to grid parity: The Great incentive debate & regulatory framework

Chairperson

Mr. Rajinder Kumar, CMD, Bergen Associates Pvt. Ltd., India

Speakers

- Mr. Rajeshwara Bhat**, CEO & Director, Sun Technics Energy Systems Pvt. Ltd., India
 - Mr. Amit Kumar**, Head - North & Central region, Tata BP Solar India Ltd., India
 - Mr. Ashok Ramakrishna**, General Manager, Reliance Industries Ltd., India
 - Mr. Shaji UI Mulk**, Chairman, Mulk Holdings, UAE
 - Mr. Rajni Umakanthan**, General Manager - Asia Pacific, Underwriters Laboratories, India
- Q & A**

Wind energy: Preventive & predictive maintenance to maximise ROI and minimize downtime

Chairperson

Mr. Jami Hossain, Director, WWEA, India

Speakers

- Mr. Gavin Greene**, Electrical Team Leader, SgurrEnergy Ltd., UK
 - Mr. Vidyadhar Tagade**, Deputy General Manager, Customer Service, Vestas India, India
 - Mr. Rajesh Padhi**, Consultant, Lucintel, India
- Q & A**

Hall 12A-1

Track: 16

1645-1830 hours

Track: 17

Hall 12A-2

Energy Efficiency- A billion dollar opportunity

Chairperson

Mr. Mark Ginsberg, Sr. Executive Board Member, US Department of Energy, USA

Speakers

- Mr. S.N Eisenhower**, Director - Operations, Saint - Gobain Glass India Ltd., India
 - Mr. Pradeep Kumar**, Joint Director, National Council for Cement & Building Materials, India
 - Mr. Dhruv Mehtani**, VP, Evolution Markets India, India
 - Mr. Sean Zhou**, Head - PV business, Intertek China
- Q & A**

Pursuing the green path: Turning challenges into business opportunities

Chairperson

Mr. Billy Shrikent, CEO, Exhibitions India Group

Speakers

- Mr. Pranshu Singhal**, India Environmental Manager - Markets, Nokia India, India
 - Mr. Sandeep Kashyap**, Business Head-Alternative Energy ACME Tele Power Ltd., India
 - Dr. Gopal Sinha**, Director, Advance Institute of S&T, CSIR, India
- Q & A**



Day 3: 12 August 2009

Hall 12A-1

Track: 18

1000-1115 hours

Crystalline silicon technologies- Key issues in development of high efficiency solar cells

Chairperson

Mr. Holger Klarner, COO, Q-cells International, Germany

Speakers

Mr. George Antony, AGM, Solar Cells & Modules, BEL, India

Mr. Simone M P Arizzi, Global Technical Leader, DuPont Photovoltaic Solutions, USA

Mr. Bryan Ashley, Vice President, Suniva Inc., USA

Dr. G Rajeswaran, CTO, Moser Baer Photo Voltaic Ltd., India

Mr. Kaushik J Vaidya, Energy & Environmental Solutions, Applied Materials, India

Dr. Darren Arola, Global AT Manager Solar Products, Ferro Corporation, USA

Mr. RK Tanwar, Director (Operations), Webel SL Energy Systems Ltd., India

Q & A



Hall 12A-1

Track: 19

1130-1245 hours

The role of solar thermal: Today and tomorrow

Chairperson

Dr. B Bharagva, Director, Ministry of New & Renewable Energy, Government of India

Speakers

Mr. Manoj Gupta, GM - Sales & Marketing, ACME Tele Power Ltd.

Mr. K Srinivas, CEO, Kotak Urja Pvt. Ltd.

Dr. Mathias Safarik, Institut für Luft- und Kältetechnik (ILK), Germany

Mr. Ravi Shankar, Sr. General Manager, SBU Head, Tata BP Solar

Mr. Christian Zahler, CTO, Mirroxx GmbH, Germany

Q & A



Hall 12A-1

Track: 20

1330-1445 hours

Integrating Wind in electricity markets: A precursor to low carbon economy

Chairperson

Mr. Arvind Prasad, Director Sales, Vestas India, India

Speakers

Mr. Gavin Greene, Electrical Team Leader, SgurrEnergy Ltd., UK

Mr. Suchit Punnose, Commercial Director, Armaec Energy Group PLC, UK

Mr. Rajarshi Sen, Director, UD Energy Systems, India

Ms. Namrata Mukherjee, Sr. Consultant, Mercados -Energy Markets India Pvt. Ltd., India

Q & A

Track: 21

Hall 12A-2

Equipment manufacturers and materials: A critical link to cost reduction

Chairperson

Mr. Sanjay Khar, Managing Director, OTB Near East, India

Speakers

Dr. Mohan Bhan, V.P, Moser Baer Photo Voltaic Ltd., India

Mr. Karlheinz Brust, Technical Manager, August Krempf, Germany

Mr. Karl Schanz, General Technical Manager Solar, ASYS Group Asia Pte Ltd, Germany

Mr. Colin Yeoh, Asia Sales Manager - Solar Technology, Rofin-Baasel Lasertech, Singapore

Dr. Michael Zhu, Development Manager, ARKEMA, France

Q & A



3rd RENEWABLE ENERGY INDIA 2009 EXPO

Conference

Hall 12A-1

Track: 22

1500-1730 hours

Youth summit followed by Youth Entrepreneurial Green Awards 2009

Moderator

Mr. Puneet Sharma, Analyst International Sales & Strategy, Moser Baer Photovoltaic Ltd., India

Speakers

Dr. Ranjana Jha, Asst. Professor, NSIT, India

Mr. Vinay Jaju, Team Member, Brightest Young Climate Leaders, India

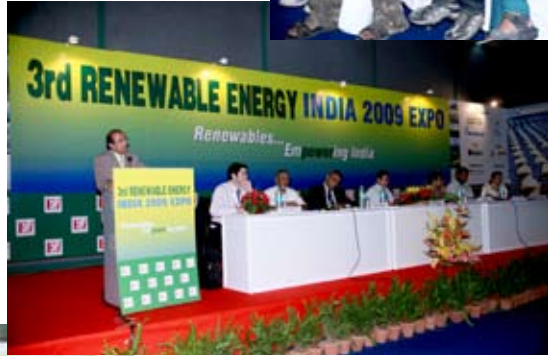
Mr. Rishabh Khanna, South Asia Coordinator, Steering Committee, IYCN, India

Mr. Ramesh Muthya, Garrad Hassan & Partners Ltd., India

Dr. Mohan Saxena, MD, Ayurvet Ltd., India

Mr. Richard Whiting, Lead Engineer, Energy & Development Services Asia, Garrad Hassan & Partners Ltd., UK

Q & A



DIREC 2010



Delhi International Renewable Energy Conference

Expo Centre - Expo XXI

National Capital Region of Delhi

27-29 October 2010

Upscaling and Mainstreaming Renewables for Energy Security and Climate Change

The 2002 World Summit on Sustainable Development in Johannesburg conceptualized a series of global ministerial level meetings to address growing concerns of climate change and sustainable economic development, and initiated the International Renewable Energy Conference (IREC) series.

The inaugural IREC was held in Bonn in 2004, followed by Beijing in 2005 and Washington in 2008. As a frontrunner in renewable energy development, India is host to the 4th edition in 2010.

DIREC 2010 features a technical conference comprising of governments, industry leaders, project developers, investors, suppliers, consultants and multilateral organizations from the field of renewable energy. Over 600 exhibitors from 40 countries are expected to showcase cutting edge technologies at the concurrent exhibition spread over 10,000 sqm nett display area.

India is taking another giant step in the global renewable energy movement with DIREC 2010 to explore eco-friendly energy solutions.

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



www.direc2010.gov.in

Organiser



सत्यमेव जयते

Government of India
Ministry of New & Renewable Energy

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