

# SESI Newsletter

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Editor: Jagat. S. Jawa

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**SOLAR ENERGY SOCIETY OF INDIA**

A-14, Mohan Cooperative Industrial Estate,  
Mathura Road, New Delhi-110044

Telephone: 011-65649864, Telefax: 011-26959759

E-mail: dg\_sesi@yahoo.com, info@sesi.in,

Website: www.sesi.in

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## 107<sup>th</sup> Governing Council Meeting of SESI

### held on 20<sup>th</sup> September, 2011



Mr. Ajay Prakash Shrivastava



Mr. Rajinder Kumar Kaura



Mr. K. S. Popli



Mr. Prafulla Pathak



Mr. R. C. Nakul



Mr. Raghvendra Aggarwal



Mr. Arun Vishnu Chaoji

**T**he 107<sup>th</sup> Governing Council Meeting was held in New Delhi on 20<sup>th</sup> September, 2011. Shri Ajay Prakash Shrivastava, President, SESI chaired the meeting. Other members of the G.C. who participated in the meeting are Mr. Rajinder Kumar Kaura, Mr. K.S. Popli, Mr. Prafulla Pathak, Mr. R.C. Nakul, Mr. Raghvendra Aggarwal and Mr. Arun Vishnu Chaoji. The important points discussed in the meeting are matters relating to 2<sup>nd</sup> International Congress on Renewable Energy (ICORE)-2011 held on 2-4 November, 2011 at Tezpur University, Assam, Annual Financial Statement of SESI for the year ended on 31<sup>st</sup> March, 2011, Budget for SESI for the year 2011-2012 and ICORE -2011, etc.

## CREDA Organizes Solar Trade Fair and Seminar in Raipur

**C**hhattisgarh Renewable Energy Development Agency (CREDA) in association with SESI and Confederation of Indian Industry (CII) organized Solar Trade Fair cum Solar Conference on 22-24 September, 2011 at Raipur. Shri Ajay Prakash Shrivastava, President, SESI was the Chief Guest in the above event in which Shri Jagat S Jawa, DG, SESI also participated. In the above event, Er. S.K. Shukla, Director, CREDA threw light on the latest information on Solar PV and Solar Thermal Technologies and also about the prevailing schemes of MNRE and Govt. of Chhattisgarh for the beneficiaries of Solar Systems.



(From L to R) Er. S.K. Shukla, Shri Ajay Prakash Shrivastava and Shri Jagat S Jawa

## President SESI invited as a Speaker in the Green Telecom India 2011

Mr. Ajay Prakash Shrivastava, President, SESI was invited as a “Lead Speaker” at the 3rd International Conference “Green Telecom India 2011” held at The Lalit, New Delhi, on Friday, 9th September, 2011. During his talk, he expressed the need for Telecom companies to adopt Solar Energy for their Telecom Tower operations.



Shri Ajay Prakash Shrivastava delivering his address

## Indowind buys Shanghai Electric Turbines, may set up JV in India

Indowind Energy Ltd. (IEL), an owner of wind farms in India, is buying turbines for its next project from Shanghai Electric Group Co. and said it may partner with the Chinese company to assemble the machinery locally. Chennai-based Indowind placed the 28-megawatt order three months ago and expects Shanghai Electric to start shipments. Sinovel Wind Group Co. and Xinjiang Goldwind Science & Technology Co., which rank among the world's top five suppliers, sell most of their turbines in China. The state-run China Development Bank has provided at least \$12.5 billion in financing to help these Chinese manufacturers expand abroad as growth slows at home in the world's largest wind market. Shanghai Electric is supplying its 2-megawatt turbines to Indowind's project, slated to be completed by 2012. As part of the deal, Shanghai Electric will train Indowind employees to install the machines and service them so that the Indian company can get a vendor license.

## UK Minister says India should move from coal to natural gas

British minister of state for foreign and commonwealth affairs Lord David Howell suggested that like some European countries, India too should move from coal to natural gas to reduce greenhouse emissions. Speaking at a seminar organised by Observer Research Foundation (ORF) on "Balancing Private and Public Sector Interest in Energy Sector Reforms", Lord Howell said Britain had moved from coal to natural gas and this had helped it achieve an 18 per cent reduction in

greenhouse emissions while registering a two per cent growth rate in the last few years. He suggested that other countries, including India, could experiment with this method as this is an effective and affordable way to achieve low carbon growth to fight climate change. However, he admitted that India's challenge in meeting the low carbon growth is much more difficult because of the large scale of its energy demands. He appreciated India's commitment to reduce greenhouse emissions and maintained that partnerships and cooperation between countries like India and UK would help in creating a positive energy future. Lord Howell noted that both in India and the UK, state organizations like Bureau of Energy Efficiency are working with private sector organizations, and reducing energy usages by at least 25 per cent. He also explained how the world's first Green Investment Bank with a capital of 3 billion pounds will help achieve low carbon growth. He noted that natural gas is a clean energy which is 50 percent fuel efficient.

## GMDC to set up 5 MW solar plant in Kutch

Gujarat Mineral Development Corporation (GMDC) said it will set up a 5 MW solar plant on the reclaimed land of mined out pits at Panandhro in Kutch district. Tapping the opportunities in non convention energy sector, GMDC has set up a 100 MW wind power project during the period under review.

## Reliance Power gets 4 bn US Exim Bank funding for solar plant

Reliance Group firm RPower has got a 400 crore loan from the US Export-Import Bank for a 40-MW solar plant being set up in Rajasthan. The compa-

ny is developing the country's largest solar photo voltaic (PV) project with 40-MW generation capacity, which is scheduled for commissioning by March, 2012.

## Suzlon Energy plans \$1.4 bn South Australian wind project

Suzlon Energy Ltd. (SUEL), the Indian company that is Asia's third-largest maker of wind turbines, plans to develop a A\$1.3 billion (\$1.4 billion) wind farm in South Australia. The 600-megawatt project would produce enough electricity to power more than 200,000 homes a year. Suzlon expects to complete the 180-turbine wind farm on the Yorke Peninsula by the end of 2015.

## ADB to provide \$100 mn loan for solar power project in Gujarat

The Asian Development Bank (ADB) will extend \$100 million (about ` 475 crore) loan for solar power initiatives in Gujarat. The multilateral lender has approved the financing of \$100 million for Gujarat Solar Power Transmission Project. The funds would be used for a substation, transmission lines and other equipment to collect and distribute solar power generated by plants in the Charanka Solar Park in Gujarat's Patan district.

## First Solar to supply 100 MW solar module for Reliance Power solar project

First Solar said it would supply 100 MW solar module to Reliance Power for the company's upcoming solar



power project in Jaisalmer, Rajasthan. A leading photovoltaic systems solutions provider, First Solar has entered into a supply agreement with Reliance Power for supply of 100 MW solar module. The delivery of the remaining 60 MW solar module is expected to be completed in 2012. The US Export-Import Bank approved an \$84.3 million direct loan to Reliance Power's Dahanu Solar Power unit to purchase First Solar's panels for the first 40 MW of the project. First Solar said India is expected to become one of the world's major solar markets, due to the country's abundant solar resource and significant energy demand

### **REpower gets contract for turbines in Germany**

RE power, a subsidiary of wind turbine maker Suzlon Energy received a contract to deliver turbines for seven wind farms. Northern Friesland is the stronghold of public wind farms in Germany. All seven wind farms have a full maintenance contract for 15 years, and are expected to be constructed at the end of 2012 or in 2013.

### **Suzlon Energy wins orders worth ` 2 bn**

Wind power generator Suzlon Energy said it has bagged two orders worth over ` 200 crore from third party operators. Suzlon's 100 per cent subsidiary Seforge, engaged in manufacturing of large size castings and large diameter forged and machined rings, has received two-third party orders worth ` 120 crore from an independent wind turbine tower manufacturer for tower flanges, and ` 80 crore for castings. The country is witnessing a strong growth momentum not only in wind, but also

in non-wind sectors like oil and gas, and particularly in markets such as North America.

### **Goldman Sachs to invest \$201 mn in Indian start-up ReNew Wind Power**

U.S. investment bank Goldman Sachs will invest 10 billion rupees (\$201.6 million) in equity of Indian renewable energy start-up ReNew Wind Power. ReNew expects to reach capacity of 1 gigawatt by 2015 and plans to expand its wind portfolio by 200-300 megawatts annually.

### **Reliance Power's Tilaiya project gets approval for carbon credits; to earn ` 20 bn over 10 years**

Reliance Power said its 3,960 MW Tilaiya ultra mega power project in Jharkhand has got approval for carbon credits from the United Nations Framework Convention on Climate Change (UNFCCC). Reliance Power's Tilaiya UMPP would earn ` 2,000 crore by trading carbon credits during the first 10 years of its operations. The Clean Development Mechanism Executive Board (CDM-EB) of UNFCCC allows the Tilaiya project - to be commissioned during the 12th Five-Year Plan period, starting next year - to earn Certified Emission Reductions (CERs). The CERs can be traded and sold and translate into direct revenues for companies such as Reliance Power. The Tilaiya UMPP will generate 21.3 million carbon credits during the initial 10 years and they are valued at over ` 2,000 crore. Jharkhand Integrated Power Ltd, the special purpose vehicle

for the Tilaiya UMPP has entered into a 25-year Power Purchase Agreement (PPA) with off-takers for its entire capacity. The project would supply power to 18 off-takers in 10 states. Reliance Power has an installed capacity of 1,200 MW at its Rosa thermal power project in Uttar Pradesh. The company is also executing two more UMPPs at Sasan (Madhya Pradesh) and Krishnapatnam (Andhra Pradesh)

### **Farooq Abdullah seeks international investment in Indian renewable power market**

Renewable Energy Minister Dr. Farooq Abdullah has called on investors to invest in the burgeoning Indian renewable power market with a special emphasis on solar sector. Dr. Abdullah urged investors, companies, universities and institutions at the CII roundtable conference in Chicago to explore technology-based partnerships and research collaborations with Indian counterparts. Given just over 15 MW of current installed capacity and an ambitious target to produce 30,000 MW of solar power by 2022, India would open up tremendous business opportunities in the field.

### **Suzlon plans to buy out RE power's minority shareholders in 4 months**

Suzlon Energy is likely to complete the buyout of the remaining 4.8% stake in Germany's REpower Systems for 63 million euros to make it a 100% owned subsidiary in the next four months. The shareholders of the company approved Suzlon's buyout offer for minority shareholders.

# 24<sup>th</sup> Annual General Meeting of Indian Renewable Energy Development Agency Ltd. (IREDA)



**I**ndian Renewable Energy Development Agency Ltd. (IREDA) concluded its 24th Annual General Meeting at the Hotel Ashok, New Delhi on 28th September, 2011. The meeting was presided over by Shri Debashish Majumdar, Chairman and Managing Director accompanied by his colleagues from the Board of Directors, the Company Secretary and well attended by the Company's Shareholders. Speaking on the occasion Sh. Debashish Majumdar, Chairman and Managing Director shared the performance highlights for FY 2010-11 and pointed out that the Company regis-

tered a remarkable growth during the FY 2010-11 in its lending operations viz. Loan sanctions and disbursements stood at ` 3126.42 crore and ` 1224.17 crore respectively which is an increase of 71.41% in sanctions and 37.54% in the disbursement as compared to the last year. The Profit Before Tax (PBT) and Profit After Tax grew to ` 166.70 crore and ` 120.46 crore (up 65.72%) respectively. Speaking on the Company's plans, Sh. Majumdar stated that with the launch of Jawaharlal Nehru National Solar Mission which recommends the implementation of an installed capacity of 20,000 MW in three

stages by the end of 13th Five Year Plan, the business opportunities for IREDA will be largely augmented. Incentives such as GBI and tariff support provided by the Govt. will help for a conducive environment for domestic/foreign equity investment resulting in setting-up for an increase number of RE/EE project which will also increase the business growth of IREDA. Sh. Majumdar also spoke about IREDA's technologically driven evolution, robust Corporate Governance and HRD best practices that were and will continue to remain a key growth drivers for the company.

# Intersolar India Prepares for Round Three

**T**his year, Intersolar India enters its third round. The business-to-business industry platform focuses on the latest trends and technological developments in the fields of photovoltaics and solar thermal technology. Over 6,000 trade visitors are expected to attend the event in Hall 1 of the Bombay Exhibition Centre (BEC) in Mumbai, India from December 14–16, 2011. Intersolar India is the international meeting point for solar companies who are looking to contribute to the rapid development of the Indian solar market.

## Exhibition and market on an upward trajectory

Thanks to the National Solar Mission, launched last year by the Indian government, which fast-tracked the country's transition into the solar age,

the Indian solar market has now become extremely dynamic and is gaining the attention of the international industry. As an international exhibition and conference for the solar industry, the aim of Intersolar India is to promote cooperation between key players from industry, commerce, the service sector and politics to drive growth in the Indian solar market and beyond the subcontinent's borders. Indian Federal Minister for New and Renewable Energy, Dr. Farooq Abdullah, emphasized how important international networking is for the Indian government during his visit to Intersolar Europe in Munich six weeks ago. The upward growth of Intersolar India underlines India's ambitions, with 250 expected exhibitors – a 70 percent increase over last year – set to present their products and services in Mumbai. The exhibition space has also increased to 20,000 square

meters, doubled in size compared to last year.

## Intersolar India Conference

From December 13–14, 2011, around 700 expected industry experts are meeting at the Intersolar India Conference to discuss and expand on topics from the exhibition – the conference starts a day prior to the exhibition and runs one day into the event. Around 100 Indian and international-based speakers are providing a comprehensive insight into advances in technology and policy within the Indian and international solar industry. The conference is being held at the Leela Kempinski Hotel, Mumbai.

**For more information on Intersolar India please visit: [www.intersolar.in](http://www.intersolar.in)**



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DD Berg is a diversified company of Bergen Group having multinational foot prints in the field of Research and Development, Consultancy, Turnkey Solutions in the sector of Electronics Manufacturing and Renewable Energies.

With persistence and consistence pursuit of quality and executing excellence our experts strive to provide the customers with complete outstanding solutions.

We at this point are equipped for undertaking assignments and providing solutions for the Solar Farms on EPCI basis to be ready for the upcoming **Jawaharlal Nehru National Solar Mission** .

*" We dedicate ourselves to provide the whole world with better PV solutions progressively "*

#### **Our Strengths: Design -to -Delivery**

- Project Design
- Site Visit for Solar Farms
- Equipment Selection
- Construction – Facility & Utility
- System Designing ( Component Selection )
- Implementation
- Commissioning – Process Optimization
- Training – maintenance & manpower Development
- Power Evacuation
- Sales and Marketing
- Project Delivery