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Chennai to host wind energy conference next year

Our Bureau

Chennai, July 5

An international conference-cum-exhibition event of the wind energy sector, Wind Power India, 2011, is to be held in Chennai between April 7 and 9, 2011. The conference is being organised by the World Institute of Sustainable Energy (WISE) in collaboration with the Global Wind Energy Council (GWEC) and the Indian Wind Turbine Manufacturers Association (IWTMA).

The conference, the third in the biennial series which began in 2006, is being held against the backdrop of India's growth in the wind energy sector, both in terms of the expanding market and its becoming a global manufacturing hub for wind turbines. India's installed capacity is 11,800 MW. While the official estimate of the country's potential is 48,000 MW, Mr G.M. Pillai, Director-General, WISE, believes the actual potential is way above 100,000 MW. New avenues such as re-powering (replacing aging machines with new, higher capacity machines) and off-shore wind are opening up. As many as 16 wind turbines manufacturers are in production in the country and at least seven more are putting up their plants.

FISCAL PUSH

The sector is also getting a fiscal push, with the Government

announcing a generation based incentive of 50 paise, which, though considered inadequate, is seen as a step in the right direction.

Over 1,000 delegates, 200 exhibitors and 60 speakers of renown from domestic and international wind power industry are expected to participate in Wind Power India 2011.

At a press conference here today, Mr Pillai said that he hoped the wind energy sector would be a major beneficiary of the Rs 67,500-crore National Clean Energy Fund.

Mr D.V. Giri, Chairman, Indian Wind Turbine Manufacturers Association, observed that the generation-based incentive (GBI) of 50 paise a unit had practically no takers.

Till 2012, the GBI will be an alternative incentive to the accelerated depreciation (80 per cent depreciation in the first year of commissioning — a tax saving measure).

Mr Giri told *Business Line* later that the association would soon hire a financial consultant to conduct a detailed study of the existing GBI, so that it could prove to the Government the inadequacy of the scheme.

Mr Steve Sawyer, Secretary-General, Global Wind Energy Council, said that India and the US were the biggest markets after China for wind energy. He said that even 100,000 MW would be to underestimate India's potential.

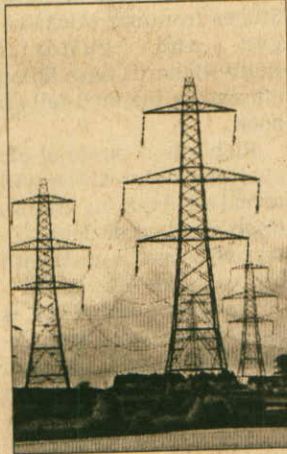
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Global wind-energy meet in Chennai next year

fe Bureau

Chennai, Jul 5: The World Institute of Sustainable Energy (WISE), in association with the Global Wind Energy Council (GWEC) and the Indian Wind Turbine Manufacturers Association (IWTMA) is planning to organise a first-of-its kind international event -- Wind Power India 2011--- between April 7 - 9, 2011 in Chennai. The event aims to bring the global wind power industry and other stakeholders, under one roof and provide the opportunity to explore some of the choicest wind investment opportunities that India has to offer. Close to 200 exhibitors and 1,000 delegates are expected to participate.

Rajendra Kharul, organising secretary, Wind Power India 2011, said, "The wind-energy market has a lot of po-



tential at an estimated 48,500 MW which is considered conservative. Nearly 210 high-wind sites have been identified by ministry of new and renewable energy. Looking at the potential, PSUs like NTPC and ONGC have begun to foray into the sector. There

are oppotunities, but there are challenges too."

GM Pillai, founder and director-general, WISE, said, "The country has a decent policy-framework and the manufacturing hub for producing wind turbines is also taking root. We need to focus more on exploring opportunities. Unfortunately, we are still based on coal. But the issue is that nearly 30% of India's coal lies under forests. Renewable energy offers the best alternative source of electricity."

D V Giri, vice-chairman, GWEC and chairman, IWTMA, insisted on the need to focus on manufacturing components for the sector. "Wind-turbine manufacturers in India are still dependant on components from abroad. It is high time we start developing a component-manufacturing base in India."

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Wind Power India conference

The Pune-based World Institute of Sustainable Energy, in collaboration with the Global Wind Energy Council and the Indian Wind Turbines Manufacturers Association, will organise a three-day Wind Power India conference here next April, organisers said on Monday. The conference, scheduled from April 7-9, 2011, would see about 200 exhibitors showcasing their products, besides a plethora of events, including a CEOs Forum, said Rajendra Kharul, the organising secretary of the conference.

PTI

Press Clipping

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 The Resource Centre

REPLACE MACHINES

Expert offers tips to increase wind energy

DC CORRESPONDENT

CHENNAI

July 5: Tamil Nadu can retain its position as the leading wind energy producer by re-powering some of the existing wind farms in the state, according to a study by the world institute of sustainable energy (Wise).

"If wind turbines installed before 2002 are replaced with new machines, Tamil Nadu can increase its wind energy output by 2,500 MW," said Mr G.M. Pillai, director general, Wise. Mr Pillai told reporters here on Monday that the Union min-

The study showed that old machines working on less than 500 KWh capacity, once replaced with new turbines, would increase wind power by 2,500 MW

istry of new and renewable energy had commissioned Wise for the study.

The study carried out by Mr Rajendra Kharul, head, centre

for wind power, WISE, showed that old machines working on less than 500 KWh capacity, once replaced with new and higher rating turbines, would increase wind power by 2,500 MW. "As on date, Tamil Nadu has an installed capacity of 4,890 MW," said Mr Pillai.

According to another study by Wise scientists, the country's total wind energy potential is more than 1,00,000 MW. "We should generate more wind energy at the earliest to counter the major crisis looming in the coal sector. Coal from Australia and Indonesia,

two sources from where India imports its requirements, will not be available hereafter. China has bought over the entire coal from Australia while Indonesia has declared that it would not export coal to any country. More than 40 per cent of the coal reserves in India are in reserve forests spread across states like Chhattisgarh and Jharkhand. Will the Union government destroy the reserve forests?" asked Mr Pillai.

He pointed out that the national clean energy fund, mooted in the 2010-11 Union

budget, would create a reserve of Rs 68,000 crore over the next 10 years. "The entire fund will be made available to the renewable energy sector for power generation. This could be utilised only if the wind energy industry grows considerably," he said.

Mr Pillai said Chennai would play host to wind power India 2011, a first-of-its-kind international event, in April 2011. "This will bring together global wind energy giants, scientists, policy-makers and entrepreneurs on a single platform," he said.

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Chennai to host major wind energy conference

Chennai, July 6: With a view to accelerating the deployment of clean energy, the search for transformational new-age energy technologies has intensified in the last two decades. Wind power has emerged as a clear winner in this arena, growing at a record rate of more than 30% per annum globally. As per projections made by the Global Wind Energy Council, the installed capacity now is 158.5 GW. The size of the global annual wind market is expected to reach a new high of 62.5 GW by 2014 and the cumulative capacity by 2014 would be 409 GW.

India is also flying high on the wind energy front. With the country's current cumulative installed capacity reaching 11,800 MW and forecasts predicting a 5000 MW annual market by 2015 (done by the World Institute of Sustainable Energy), India is being touted as the current global wind investment destination. New avenues like repowering, offshore wind, etc. are

also being explored. India today has about 23 wind turbine manufacturing units in various stages of development, with about 16 already in production.

The installed turbine manufacturing capacity is expected to grow to 10,000 MW by 2012. Wind power development in the country also benefits from a host of fiscal and financial incentives, including provision of 80% accelerated depreciation; a ten-year tax holiday; and favourable provisions on wheeling, banking and third party sale; and the recently announced Generation Based Incentive (GBI).

In order to bring the global wind fraternity into the realm of this huge and upcoming Indian wind market, the World Institute of Sustainable Energy (WISE) based in Pune, India, has joined hands with two major international stalwarts from the wind arena, namely the Global Wind Energy Council (GWEC) and the Indian Wind Turbine

Manufacturers Association (IWTMA) to organise Wind Power India 2011—the first-of-its-kind international wind event to take place in India. To be held on April 7–9 next year, at the Chennai Trade Centre, the event is the international counterpart of India's coveted national wind event, Wind India, which was launched in 2006 by WISE.

With the participation of more than 1000 delegates, 200 exhibitors and nearly 60 renowned speakers from the national and international wind power industry will share their global experiences. A major highlight of the conference would be the presentation of 'Awards of excellence' to various stakeholders from the Indian wind industry in recognition of their meritorious achievements and contribution in shaping a 'clean and green India'. Titled 'Wind India Awards', these awards were instituted by WISE for the first time during WIND INDIA 2006.

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Wind power can be a lucrative option

NT Bureau

Chennai, July 6:

'The country has a high potential of generating nearly one lakh MW through wind energy but one of the main challenges is the lack of availability of efficient turbines' according to reports which was discussed at the press conference here on Monday for announcing the launch of 'Wind power India 2011'.

With the demand for petroleum and other resources depleting, there is an acceleration in the search for alternate and renewable source of energy. 'Old machines working on less than 500kWh capacity when replaced by new ones would increase the wind power by 2,500MW' said Rajendra Kharul, organising secretary, Wind Power India 2011.

GM Pillai, Founder Director General of WISE (World Institute of Sustainable Energy, Pune) said, ' Wind turbines which were installed before 2002 can be replaced by new machines which can increase the efficiency upto 2500MW'. He also announced that Wise was commissioned by the Union Ministry of Renewable Sources of energy for the study. ' Wind energy has a larger role to

play in our country' said DV Giri, vice chairman, Global Wind Energy Council. He also added that the other challenges is creating professionals in the field and for that reason there can be courses on wind energy.

According to reports discussed at the conference, India has nearly 23 wind turbine manufacturing units in various stages of development, with nearly 16 already in production. The installed turbine manufacturing capacity is expected to grow to 10,000 MW by 2012. The experts stressed on the importance of alternate sources like wind energy and pointed out at the importing of coal by India from countries like Australia and others which will be weakened in future due to the domination of China and other issues.

The 'Wind Power India 2011' which is jointly organised by Wise, GWEC and Indian Wind Turbine Manufacturers Association (IWTMA) will be held between 7 - 9 April 2011 is expected to witness more than 1000 delegates, 200 exhibitors and many renowned speakers from both national and international spheres said sources at the conference.