



# WIND INDIA 2008

*Release of Publications &  
Awards Distribution*

**World Institute of Sustainable Energy, Pune, India**

## Release of Publications

1. Special Issue on Wind Power of  
***“Green Energy”***  
WISE’s bi-monthly news magazine

2. Special Report on  
***“Wind Power In India-Towards 5000 MW  
Annual Market by 2012”***

To be followed by  
**Awards Ceremony**

## Special Issue on Wind Power of *Green Energy*

- *WISE's bi-monthly news magazine*
- *Only holistic publication on sustainable energy in India*
- *30,000 readership from the energy sector in India and Abroad*
- *80 pages*
- *Interviews with CMDs*



## Special Report on “*Wind Power In India*”

- *Latest from WISE Press*
- *All aspects of Wind*
- *Power covered*
- *6 chapters*
- *More than 100 pages*
- *To be Published by WISE in January 2009*
- *Pre-publication booking available in WISE's stall at the exhibition*



## Wind India 2008 - Awards

- 11 Categories
- 14 Awards in total
- Covers :
  - Industry*
  - Financing/ Banking*
  - Govt.*
  - Media*
  - Research*
  - IPP*
  - Institution**active in wind power sector*



### Category 1

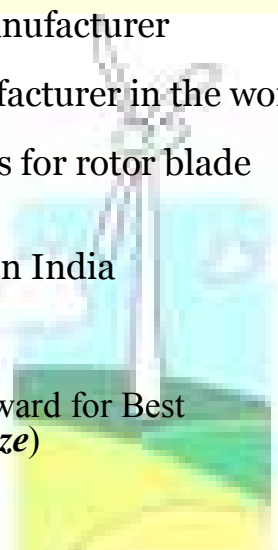
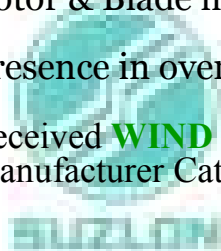
### Best Manufacturer Award 2008

***First Prize: Suzlon Energy Ltd: 1757 MW***



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- Largest Asian wind turbine manufacturer
- 5<sup>th</sup> Largest wind turbine manufacturer in the world
- R&D facility in the Netherlands for rotor blade moulding & tooling
- Rotor & Blade manufacturing in India
- Presence in over 20 countries
- Received **WIND INDIA 2006** Award for Best Manufacturer Category (*First Prize*)



***Second Prize: Enercon (India) Ltd: 787.8 MW***



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- Gearless, Variable rotor speed turbine manufacturer
- First Indian company to introduce online generation monitoring facility
- Claims totally indigenous manufacturing
- Received **WIND INDIA 2006** Award for Best Manufacturer Category (***Second Prize***)



**Category 2**  
**Best Service Provider Among  
Manufacturers Award 2008**

**First Prize: Enercon (India) Ltd**



## First Prize: Enercon (India) Ltd

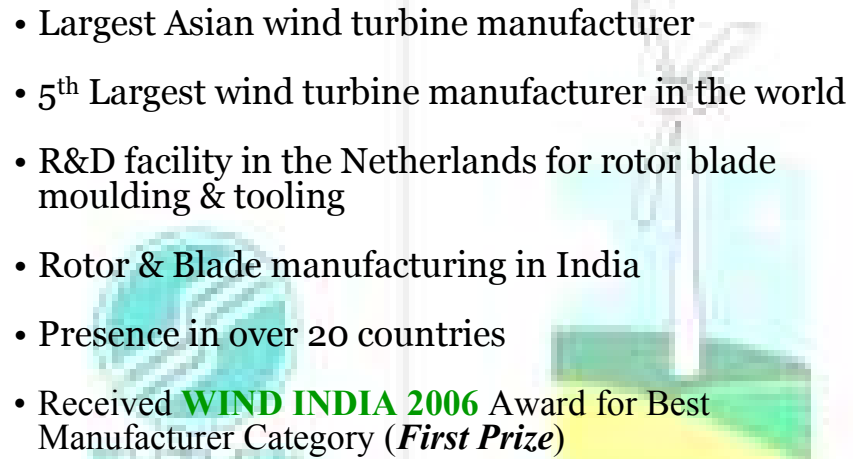
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- 

## **Category 3**

**Best Wind Turbine (500 kW-1 MW)**

**Award 2008**



## First Prize: Enercon (India) Ltd – E-53/800 kW



## First Prize: Enercon (India) Ltd – E-53/800 kW

- The Enercon E-53 model is a gearless horizontal axis wind Turbine, Variable rotor speed
- Power rating - 800 kW
- Rotor diameter – 52.9 m
- Hub heights – 72-74 m
- Cut-out wind speed – 28-34 m/s
- Received **WIND INDIA 2006** Best Turbine Award for E-40/600 kW model



**Category 4**  
**Best Wind Turbine (> 1 MW Size)**  
**Award 2008**

**First Prize:**  
**Vestas Wind Technology India Pvt Ltd – V82/1650 kW**



## First Prize: Vestas Wind Technology India Pvt Ltd – V82/1650 kW

- The V 82/1650 kW is currently the largest turbine commercially available in India
- Rotor diameter - 82 m
- Hub height - 78 m
- Turbine suitable for low and medium wind regimes
- Recorded highest plant load factor of 38% in Tamil Nadu
- Received **WIND INDIA 2006** Best Turbine Award for NM82/1650 kW (NEG-MICON) model



## Category 5 Best Wind Power Financier Award 2008



**First Prize: IREDA Ltd**  
Rs. 529 crore disbursement 2006-08

- Pioneer in financing wind power in India since 1987
- Recognized as NBFC by RBI
- Cumulative number of projects approved : 1816
- Power generation capacity : 2927 MW
- Cumulative loan commitment : Rs. 8055 cr
- Cumulative loan disbursements : Rs. 4429 cr
- Received **WIND INDIA 2006** Best Wind Power Financier Award (*First Prize*)

## Second Prize: Bank of India

Rs. 369 crore disbursement (2006-08)



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Rs. 369 crore disbursement 2006-08

- Bank of India was founded in 1906 & nationalized in 1969
- Bank has 2982 branches in India
- Won Best Public Sector Bank Award at NDTV Business Leadership Award 2008
- No. of projects approved : 53
- Power Generation Capacity : 107.1 MW
- Nearly 5% bank lending for power projects including wind power



**Category 6**  
**Best Wind Power Developer State**  
**(Total Installation) Award 2008**

**First Prize: Tamil Nadu State: 958.6 MW (2006-08)**



## First Prize: Tamil Nadu State: 958.6 MW (2006-08)

- Cumulative installed capacity as on 31<sup>st</sup> Oct. 2008: **4101 MW**
- Wind contributed **5267 MU** in 2006-07 and **6092 MU** in 2007-08
- In terms of energy generation, 6092 MU (10%) of the total available power in the state.
- Minimum purchase obligation for renewable power in the state is 10% which is highest in the country.
- Power Purchase Agreement for twenty years with a tariff review period of three years.
- Received **WIND INDIA 2006** Best Wind Power Developer State Award (*First Prize*)



## Category 7

### Best Wind Power Developer State (Percentage Increase) Award 2008



## First Prize: Gujarat State:

177.41 % increase in capacity in 2006-08



## First Prize: Gujarat State:

177.41 % increase in capacity in 2006-08

- Total Installed Cumulative Capacity as on 31<sup>st</sup> March 2008 : **1253 MW**
- Wind contributed approx. **11 %** of total generation in state
- Incentives under Wind Power Policy 2007 will be available for a period of 20 years
- Annual generation from wind power during the years 2005-06 & 2006-07 stood at 284 MU & 454 MU respectively





**Category 8**  
**Best Public Sector Investor**  
**Award 2008**

**First Prize : Rajasthan State Mines And  
Minerals Ltd (RSMML): 37.5 MW (2006-08)**



**First Prize : Rajasthan State Mines And Minerals Ltd (RSMML): 37.5 MW**

- RSMML is a PSU as well as leading & progressive undertaking of Govt. of Rajasthan
- RSMML has also forayed into the renewable energy sector
- RSMML has set up 59.80 MW cumulative installed capacity of Wind Power Project at Jaisalmer, Rajasthan
- It has been registered under UNFCCC (Kyoto Protocol) & received 57000 CERs
- RSMML has also set up Rajasthan's 1<sup>st</sup> Bio-Diesel plant with capacity of 260-270 liters bio diesel per day at Udaipur



**Category 9**  
**Best Independent Power Producer**  
**Award 2008**

**First Prize: Enercon (Hindustan) Wind Farms  
Pvt Ltd:128.8 MW (2006-08)**



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Pvt Ltd:128.8 MW (2006-08)**

- Total installed capacity of 128.8 MW with 68.8 MW at Tumkur & Chitradurga, Karnataka and 60 MW at Jaisalmer, Rajasthan.
- Total generation of 51 MU in 2006-07 and 226 MU in 2007-08.

**Category 10**  
**Best Media Report/Publication on Wind Power**  
**Award 2008**

**First Prize: Mr Jami Hossain**



## **First Prize: Mr Jami Hossain**

**Book Title: Emergence of the Wind Options Nov 2006**

- Mr Jami Hossain is a Mechanical Engineer, involved in the Wind Power Sector since 1985-86
- He has also been associated with TERI for many years & was involved in wind energy potential assessment & issues related to grid integration of wind energy
- He has also worked with Independent Power Producers Association (IPPAI) of India & Indian Wind Energy Association (InWEA)
- He is **currently Managing Director of WinDForce Management Services Private Limited (WinDForce)**



## **Category 11**

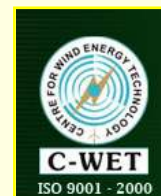
**Special Institution Recognition Award**

## First Prize: Centre for Wind Energy Technology, Chennai, India



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- C-WET is knowledge based autonomous institution under the Ministry of New and Renewable Energy, Govt. of India, founded in 1998
- Offers high quality services across the entire spectrum of the wind energy sector
- Strives to develop & strengthen the facilities & capabilities of Indian wind power sector through services like Wind Resource Assessment, Testing & Certification, Training & Assistance in Micro-siting
- Wind Resource Assessment unit has completed 108 projects
- Testing unit has completed 26 projects
- Standards and Certification unit has completed 9 projects
- R & D unit has completed 11 projects sponsored by MNRE



THANK YOU

