

## Suzlon S111 wind turbine: Performance exceeds design power curve

- Suzlon S111 receives Type Certification for both 50 Hz and 60 Hz variants
- Achieved approximately 102% of its design power curve

**Pune, India:** The Suzlon Group, one of the leading global renewable energy solutions providers in the world, announced the completion of the Type Testing and Certification of its S111 turbine for 50 Hz and 60 Hz variants. The testing was carried out by an accredited independent third party testing agency, and the certification was awarded by TÜV NORD.

This certification acknowledges conformity with standards and regulations for the design, testing and manufacturing of S111. It also meets with the Indian Grid Regulations.

Suzlon currently has more than 7350MW of installed capacity of the 2.1MW class turbines globally.

The S111, belonging to the reliable and proven 2.1MW family, has been designed to ensure highest safety while offering lowest lifecycle cost that helps drive down the cost of energy for customers.

It features a rotor diameter of 111.8 meters with a swept area of more than 9,500 square meters, making it one of the highest yielding wind turbines in its class.

The S111 delivered approximately 102% of its design power curve, translating to higher than projected power generation, and improved returns for customers.

**Speaking on the development, Mr. Duncan Koerbel, Chief Technology Officer (CTO), Suzlon Energy, said,** *“This is the third consecutive blade program where the certified performance has exceeded our design goals. This is a tribute to our multinational R&D teams located in Germany, the Netherlands, Denmark, USA and India. Our aerodynamics and system design capabilities continue to improve, leading to better AEP (annual energy production) of wind power plants. The 2.1MW platform currently has more than 3,500 turbines installed in 17 countries with over 92,253,180 operating hours. The new S111 blade has been designed to optimally harness available wind, delivering nearly 20% higher energy as compared to the S97, thereby ensuring higher ROI to customers.”*

**Mr. Tulsi Tanti, Chairman, Suzlon Group, said,** *“We are pleased to present these findings to the market. This result is a testament to our ability to build on our vast global operating experience. We have continuously evolved our technology and products to deliver ever improving returns to our customers. We have introduced the next generation turbine, the S111-2.1MW, specially designed for low wind sites, in US and India. I firmly believe that technology is the key differentiator in our industry, and the key to market leadership. Suzlon endeavours to bring down the cost of energy and provide clean and affordable energy for all.”*

**About Suzlon Group:**

The Suzlon Group is one of the leading renewable energy solutions providers in the world with an international presence across 19 countries in Asia, Australia, Europe, Africa and North and South America. With over two decades of operational track record, the Group has a cumulative installation of approximately 15GW of wind energy capacity, a workforce of over 8,000, a low-cost manufacturing base and strong in-house R&D set-up in USA, Germany, the Netherlands, Denmark and India. Approximately 9GW of the Group's installation is in India, which makes up for ~37% of the country's wind installations, making Suzlon the largest player in this sector. The company has recently forayed into the solar space. The Group, headquartered at Suzlon One Earth in Pune, India, is comprised of Suzlon Energy Limited and its subsidiaries. Suzlon corporate website: [www.suzlon.com](http://www.suzlon.com)

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