

*For Immediate Release*

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## **Suzlon Installs and Commissions S128; India's largest Wind Turbine Generator**

- Largest wind turbine generator ever manufactured in India with rotor diameter of 128 meters
- S128 wind turbine generator (WTG) is available in 2.6 MW to 2.8 MW variants and offers hub heights up to 140 meters
- Country's largest single rotor blade measuring 63 meters
- Will offer reduced levelised cost of energy (LCoE)

**Pune, India:** Suzlon Group, India's largest renewable energy solutions provider, has announced the installation and commissioning of its new product, S128; the largest wind turbine generator (WTG) in India. The first prototype of S128 has been commissioned at the Sanganeri, site in Tamil Nadu. Testing is underway with certification expected in Q3 of Calendar Year 2018 (CY2018). The S128 WTG is available in 2.6 MW to 2.8 MW variants and offers hub heights up to 140 meters.

The S128 wind turbine generator is the latest addition to Suzlon's product portfolio and features the time tested Doubly Fed Induction Generator (DFIG) technology. It also consists of the country's largest rotor blade measuring 63 meters and has a rotor diameter of 128 meters. The SB 63 blade has been engineered and developed by Suzlon utilizing carbon fiber which provides the capability to utilize thinner aerodynamic profiles. This technology provides excellent performance in low wind sites. The S128 series offers ~33% more swept area (12,860 m<sup>2</sup>) and is expected to deliver ~32% more energy generation compared to the S111. It is designed to optimally harness wind resources at higher altitudes making low wind sites viable. This next generation turbine is well equipped to improve energy yield and support competitive tariff environment in India while protecting customers return on investment (ROI).

**J.P. Chalasani, Group CEO, Suzlon Group said** *"The S128 wind turbine is going to be a revolutionary product in India. It has been our continuous effort to reduce the levelised cost of energy (LCoE) and we continue to invest in R&D with an aim to develop technologically advanced and innovative products. It is a proud moment for us to manufacture, install and commission the largest wind turbine generator in the country. With its reduced levelised cost of energy (LCoE), cost effective design and superior performance S128 will unlock unviable sites and set new benchmarks in the Indian wind industry"*

**Duncan Koerbel, Chief Technology Officer (CTO), Suzlon Energy, said** *"Our focus is on developing efficient turbines that ensure higher ROI to our customers. The prototype of the S128 is delivering close to conventional fuel competitive Plant Load Factor (PLF). We are leveraging the S128 technology to*

*further grow our portfolio to bring offshore size technology onshore to India and other developing markets.”*

**About Suzlon Group:**

Suzlon Group is one of the leading renewable energy solutions provider in the world with an international presence across 18 countries in Asia, Australia, Europe, Africa and Americas. With over two decades of operational track record, the group has a cumulative installation of over 17 GW of wind energy capacity, over 7,600 employees with diverse nationalities and world-class manufacturing facilities. Suzlon is the only Indian wind energy company with a large in-house Research and Development (R&D) set-up in Germany, the Netherlands, Denmark and India. Over 11 GW of the group’s installation is in India, which makes up for ~35% of the country’s wind installations, making Suzlon the largest player in this sector. The company has also 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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*Prototype of India’s largest wind turbine Suzlon S128 WTG installed in Sangneri, Tamil Nadu.*

***\*Please get in touch incase you need high resolution image of the S128 WTG***