

For Immediate Release

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## **Suzlon's first S111 120m 2.1MW Wind Turbine Generator achieves ~42% Plant Load Factor**

- **Achieves generation yield of 7.66 million Kwh over the last 12 months post commissioning in Kutch, Gujarat**

**Pune, India:** Suzlon Group, one of the leading global renewable energy solutions provider in the world, announced that its revolutionary S111 120m 2.1 MW wind turbine generator has achieved a ~42% Plant Load Factor (PLF) in its first 12 months of operation at the Jamanwada site in Kutch district of Gujarat. The prototype was commissioned in March 2016.

The 42 percent PLF demonstrated by S111 120m is 20 percent higher than 35 percent PLF achieved by S97 120m in its first 12 months performance at the same location.

The S111 wind turbine generator is the latest addition to the 2.1 MW platform and features the time tested Doubly Fed Induction Generator (DFIG) technology. With a swept area of 9,852 m<sup>2</sup> the S111 120m is designed to optimally harness wind resources at higher altitudes making low wind sites viable. It not only delivers superior energy yield, but also offers higher return on investment for customers.

The new fleet of Suzlon has garnered encouraging market response from customer segments across the board.

**J.P. Chalasani, Group CEO, Suzlon Group said** *"The S111 120m 2.1MW wind turbine is a game changer in the industry. 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 witness the prototype of S111 120m 2.1 MW turbine deliver ~42% PLF. It has successfully generated yield of 7.66 million Kwh over the last 12 months. With its reduced levelised cost of energy (LCoE), cost effective design and superior performance S111 120m will unlock unviable sites and set new benchmarks in the Indian wind industry"*

**Duncan Koerbel, Chief Technology Officer (CTO), Suzlon Energy, said** *"We are very pleased with the performance of our new wind turbine model S111 120m. By delivering ~42% PLF, the turbine performance has validated our design goals. Our focus is on developing efficient turbines to make previously unviable sites viable. The world needs more and more renewable energy systems and Suzlon's technology will continue to play a crucial role in powering a greener tomorrow."*

**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 16.07 GW of wind energy capacity, over 8,800 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 10 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 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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