

For Immediate Release

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## **Suzlon's S97 2.1MW Prototype Turbine in Gujarat achieves 35 % Plant Load Factor**

*Suzlon's S97 2.1MW is the world's tallest All-Steel Hybrid Tower Wind Turbine with a hub-height of 120m above ground level (a.g.l)*

- **S97 2.1 MW prototype Wind Turbine with Hybrid Tower achieves 35 % plant load factor (PLF) in the last 12 months**
- **Successfully generated 6.42 million kWh over the last 12 months (Nov 2014 onwards) at controller basis in Kutch, Gujarat**
- **~350 MW of orders already received**

**Pune, India:** Suzlon Group, one of the leading wind turbine manufacturers, announced that its evolutionary S97-HT DFIG 2.1MW Wind Turbine with an All-Steel Hybrid Tower has achieved 35% PLF over the last 12 months i.e. since the launch in November 2014. The prototype was commissioned on June 9, 2014 at Nani Ber District of Kutch, Gujarat. The evolutionary product has received encouraging response from customers across segments and reflects in the ~350 MW of orders received.

The S97-HT DFIG is the Worlds' tallest All-Steel Hybrid tower (120 metre height) design which combines both lattice and tubular structures, designed indigenously to harness the enhanced availability of wind resources at higher altitudes making low wind sites viable. It increases energy output by ~ 12% to 15 % over other turbines of same capacity at 90m height. The combination of lattice and tubular gives enhanced tower strength at lower cost. The three-dimensional lattice structure can support heavier weights due to the broad base and reduces the steel requirement apart from being logistic friendly.

**Picture: Suzlon S97-HT DFIG 2.1MW All-Steel Hybrid Tower**



**Mr. Tulsi Tanti, Chairman, Suzlon Group, said,** *“The S97-HT DFIG 2.1MW with All-Steel Hybrid Tower is a game changer and is the result of our continued focus on investing in next generation technologies. Suzlon endeavors to lower the cost of energy and provide clean and affordable energy for all.*

*By offering a product that can optimize and harness wind resources at higher altitudes, Suzlon has proved that even low-wind sites can be made attractive. Consistently achieving and maintaining 35% PLF will help in reducing the levelized cost of energy. This achievement makes me proud and I am happy to see how soon our S97 all steel hybrid tower prototype belonging to our reliable and proven 2.1 MW product has successfully established itself in the market.”*

#### **About Suzlon Group:**

The Suzlon Group is a leading wind turbine manufacturer in India having a global presence extending across Asia, Australia, Europe, Africa and North and South America. With over two decades of operating history, the Group has cumulative installations of over 14 GW of wind energy capacity, operations across 19 countries, a workforce of over 7000 and a vertically integrated, low-cost manufacturing base and strong in-house R&D set up in Germany, Netherlands, Denmark and India. Suzlon has over 8600 MW of cumulative installations in India which is the largest in the country. The Group – headquartered at Suzlon One Earth in Pune, India – comprises Suzlon Energy Limited and its subsidiaries. [www.suzlon.com](http://www.suzlon.com)

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