

Suzlon's wind turbine generator in Gujarat achieves 42% plant load factor

OUR BUREAU

Ahmedabad, April 27

Suzlon Group has said its S111 120m 2.1 MW wind turbine generator has achieved a nearly 42 per cent 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, a company release said here.

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

DFIG technology

The S111-wind turbine gener-



The wind turbine has generated yield of 7.66 million Kwh over the last 12 months

ator is the latest addition to the 2.1-MW platform and features the Doubly-Fed Induc-

tion Generator (DFIG) technology. The generator was 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, said JP Chalasani, Group CEO, Suzlon Group.

"The S111 120m 2.1 MW wind turbine is a game-changer in the industry," he added. It has generated yield of 7.66 million Kwh over the last 12 months.

New benchmarks

With its reduced levelised cost of energy (LCoE), cost-effective design and perform-

ance S111 120m will unlock unviable sites and set new benchmarks in the Indian wind industry. Duncan Koerbel, Chief Technology Officer (CTO), Suzlon Energy, said the company's focus is on developing efficient turbines to make previously unviable sites viable.

Suzlon is the only Indian wind energy company with an in-house 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 around 35 per cent of the country's wind installations, making Suzlon the largest player in this sector.