

For Immediate Release

27<sup>th</sup> April 2023

## Suzlon secures a 39 MW order for their 3 MW product series from a Thermax Group Company

- The order is with First Energy 5 Private Limited, a Thermax Group company.
- To supply 13 wind turbines with a rated capacity of 3 MW each.
- This order features the S144 – 140 meters wind turbine from the 3 MW series.
- Project to be completed in 2024 at Thalaikattupuram, Tuticorin in Tamil Nadu, with a total installed capacity of 39 MW.
- Power from the project will be utilised by group of captive customers by First Energy 5 Private Limited under the Group Captive mechanism.
- A project of this size can provide electricity to ~32 thousand households and curb ~1.26 lakh tonnes of CO2 emissions per year.

**Pune, India:** Suzlon Group, India's largest renewable energy solutions provider, today announced an order of its 3 MW product for the development of a 39 MW wind power project from First Energy 5 Private Limited (First Energy), a Thermax Group company. Suzlon will install 13 wind turbine generators (WTGs) with a Hybrid Lattice Tubular (HLT) tower and a rated capacity of 3 MW each. The project to be located at Thalaikattupuram, Tuticorin in Tamil Nadu is expected to be commissioned in 2024.

This order is part of a 100 MW Wind-Solar Hybrid project by First Energy 5 Private Limited.

As part of the agreement, Suzlon will supply the wind turbines (equipment supply) and supervise the project including erection and commissioning. Suzlon will also provide comprehensive operations and maintenance services post-commissioning.

**JP Chalasani, CEO, Suzlon Group, said,** *"We are delighted to announce our order with First Energy 5 Private Limited, part of the highly respected Thermax Group. This is our first order with the group and features our **3 MW series product**, which is one of the largest wind turbines in India today. We believe this series will play a crucial role in fulfilling India's renewable energy goals. First Energy is dedicated to providing green energy to MSMEs and medium to high power consuming industries in the country, which aligns with our vision of a sustainable India. We thank them for their trust in Suzlon's technology and services and look forward to building a strong and self-reliant India together."*

**Mr. Ravi Damaraju, Director, First Energy 5 Private Limited said:** *“India is blessed with a potential of more than 300 GW of wind energy. First Energy, as part of the Thermax Group, is committed to unlocking India’s renewable energy potential to power the commercial and industrial sectors. As a leading renewable energy solutions provider with proven technology, Suzlon is the right partner for us for this project. We are delighted that this partnership is in line with our ideology of using cost-effective Made-in-India solutions to create an ‘Aatmanirbhar Bharat’. We are focussed on increasing our green energy footprint in India and look forward to creating many landmark projects in the future that will help us power our customers’ growth and electricity requirements with clean energy.”*

### **The Suzlon 3 MW Series**

The largest renewable energy solutions provider in India, The Suzlon Group is proud to announce its 3 MW series of wind turbines. With the primary objective of increasing generation, reducing the cost of energy, and contributing to an Aatmanirbhar Bharat, this series marks a significant milestone for the company and the country's wind energy sector.

Suzlon's 3 MW turbines feature a 144-meter rotor diameter and are designed to unlock low wind sites and deliver improved energy yield suitable for all Indian wind regimes. With local content of up to 85-90% by its serial launch, this series proves Suzlon’s commitment to innovation and self-reliance.

The S144 wind turbine generator is one of the largest in India, extendable up to 3.15 MW, depending on site wind conditions, available at a hub height of 140 meters going up to 160 meters by its serial launch. At 160 meters hub height the S144 will also be India’s tallest wind turbine. Suzlon's S144 fleet will deliver a remarkable 40-43% higher generation over Suzlon’s current model, the S120 – 2.1 MW wind turbine, showcasing its ability to optimize wind resources at higher altitudes and make low-wind sites viable.

Furthermore, the 3 MW turbine generators feature the time-tested Doubly Fed Induction Generator (DFIG) technology and the SB 70.5 carbon fibre blade engineered and developed by Suzlon. This world-class technology provides the capability to utilize thinner aerodynamic profiles, resulting in excellent performance in low-wind sites, and a significant increase in generation yield per unit of land.

As a leader in the renewable energy sector, Suzlon's 3 MW series of wind turbines is a testament to the company's dedication to delivering sustainable and cost-effective renewable energy solutions for the future. We are confident that the 3 MW – S144 technology will contribute significantly to the country's renewable energy and net-zero targets.

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#### **About First Energy 5 Private Limited:**

First Energy, a Thermax group company that offers solutions in the renewable energy segment, is uniquely placed to help its customers in their energy transition journey. First Energy has diversified its sustainable offerings with wind-solar hybrid farms and plans to venture into storage batteries, catering to customers in the commercial and industrial space.

**About The Suzlon Group**

The Suzlon Group is one of the leading renewable energy solutions providers in the world with presence in 17 countries. Headquartered at Suzlon One Earth in Pune, India; the Group is comprised of Suzlon Energy Limited (NSE: SUZLON & BSE: 532667) and its subsidiaries. A vertically integrated organization, with over twenty-eight years of operational track record, the Group has a cumulative global installation of over 19.7 GW of wind energy capacity, over 5,800 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. The Group is the custodian of ~13.8 GW of wind energy assets under service in India making it the largest Operations and Maintenance Company in the Indian renewable energy sector. The Group also has 5.9 GW of installed capacity outside India.

*Data till 31<sup>st</sup> December 2022*

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