

Suzlon Group

- The Suzlon Group is one of the leading renewable energy solutions provider in the world with presence in 17 countries.
- Suzlon has a strong presence across the entire wind value chain with a comprehensive range of services which include wind resource assessment, design, supply, site procurement and development, installation, commissioning of the project and dedicated life cycle asset management services
- The Group has a cumulative global installation of over 19.7 GW* of wind energy capacity, of which over 13.6 GW is in India alone, making it a market leader in the country. (~33% of total installed base in the country)
- Suzlon's Global wind installations help in reducing ~ 50.62 million tonnes of CO2 emissions every year
- Suzlon boasts of a wide product range within 2.1 MW to 3.0 MW suite of products with varying rotor diameters and tower heights suitable for all wind regimes

S111 WTG:

- The S111-140m (140 meter hub height) prototype was set up in August 2017 in Gujarat, has achieved 43% plant load factor (PLF). It received its Type Certification in June, 2017.
- The installed serial fleet confirms the high plant load factor and availability above 97%.

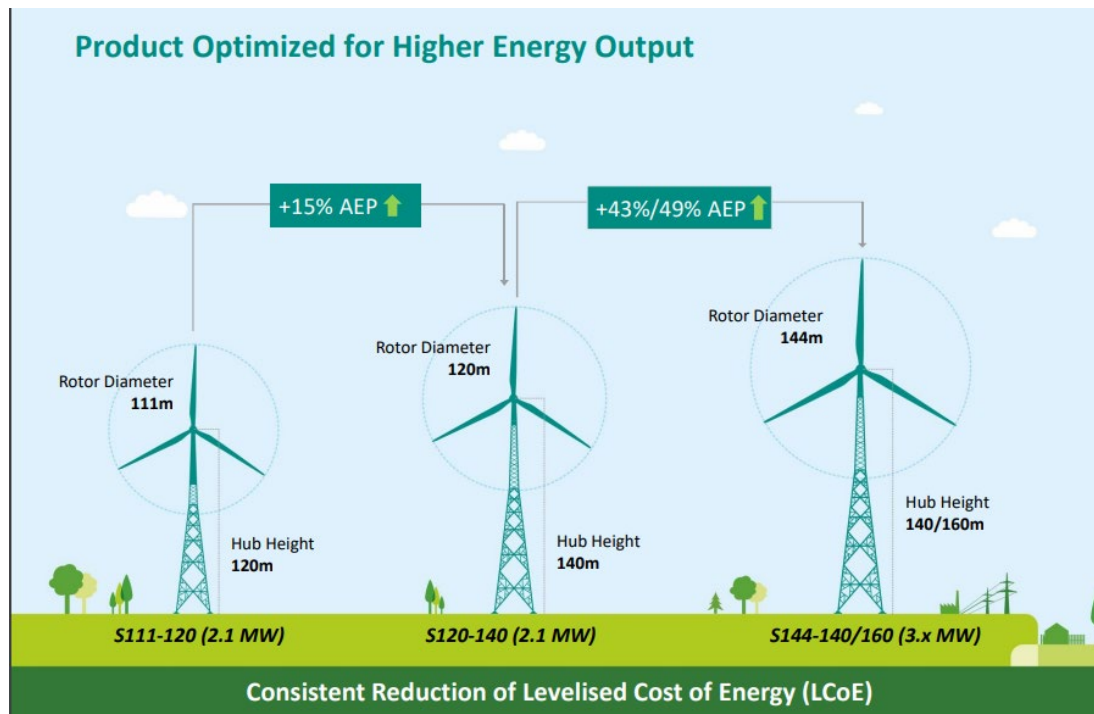
S120 WTG

- The S120-105m (105 meter hub height) tubular prototype has been installed and commissioned in Gujarat in June 2018. It has proven to give 6-7% higher energy yield over the earlier model - S111. This S120 prototype introduced a new rotor diameter which is available in various hub heights up to 140 meters
- The S120 – 140m (140 meter hub height) was installed and commissioned with a Hybrid Concrete Tubular (HCT) Tower at Tamil Nadu in June 2018. The 140m hub height variant with lattice-tubular tower was commissioned in December 2018. In addition a 120m hub height tubular tower variant was commissioned in January 2019. This product range enables us to reach untapped wind sites in challenging terrains.
- The S120 - 140m (140 meter hub height) serial fleet turbines demonstrate high performance standards and is operating with above 98% availability.

2.6 to 3.0 MW Platform:

- Suzlon introduced the 2.6 to 3.0 MW platform to unlock unviable sites and deliver improved energy yield suitable for all wind regimes
- The S133 and S144 are among the largest wind turbine generator (WTG) operating in India. This platform is extendable up to 3.15MW depending on the site wind conditions. The prototype of S133-105m was set up in August 2019. These products are available in 2.6 MW to 3.0 MW variants and offers hub heights up to 160 meters. It delivers 25-30% higher generation over the S120.

- The S133 with a 160-meter tower is commercially operating successfully as part of the Initial fleet since June 2022. The product range is validated and certified according to the latest India Grid Code requirements.
- In December 2022 a larger rotor of 144m was added to the portfolio and the S144 prototype is operating at 3.15MW in the south of India for testing and measurements. Product Optimised for Higher Energy Output



- Suzlon is credited with developing one of Asia's largest wind farms in the western Indian states of Rajasthan and Gujarat. The Jaisalmer wind farm has over 1.6 GW of installed capacity and Kutch wind farm has of over 1.5 GW of installed capacity.
- Suzlon has its research and development centres for Wind energy in Germany, Denmark, The Netherlands and India.
- SE Forge, a wholly-owned subsidiary of Suzlon group, incorporated in 2006, has an un-machined casting capacity of 1,20,000 metric tonnes per annum, machining capacity of 55,000 metric tonnes per annum and forging capacity of 42,000 metric tonnes per annum.
- Suzlon Global Services Limited (SGSL), a wholly-owned subsidiary of Suzlon Group. 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.
- Suzlon has a human capital over 5,800 employees with a diverse geographical and talent spread
- The Group is headquartered at Suzlon 'One Earth' campus in Pune, India. A LEED Platinum and GRIHA 5 star certified building; One Earth is one of greenest corporate campuses in the world

Board of Directors and Management Team

- Board of Directors:**

Sr. No.	Name of Board Member	Capacity
1	Mr. Vinod R Tanti	Chairman and Managing Director
2	Mr. Girish R Tanti	Executive Vice Chairman
3	Mr. Marc Desaedeleer	Independent Director
4	Mr. Per Hornung Pederson	Independent Director
5	Mr. Sameer Shah	Independent Director
6	Ms. Seemantinee S Khot	Independent Director
7	Mr. Gautam Doshi	Independent Director
8	Mr. Hiten Timbadia	Non-Executive Director
9	Mr. Ajay Mathur	Non-Executive Director (a nominee of REC Limited)
10	Mr. Pranav Tanti	Non-Executive Director

- Executive Group:**

Sr. No.	Name of the Member	Role
1	Ashwani Kumar	Chief Executive Officer, Suzlon Group
2	Himanshu Mody	Chief Financial Officer, Suzlon Group
3	Vinod R Tanti	Chairman and Managing Director

Key Financial Metrics

Q3 FY23 Consolidated Income Statement

(₹ Cr.)

Particulars	Q3 FY23	Q2 FY23	Q3 FY22	9M FY23	9M FY22	FY22
	Unaudited	Unaudited	Unaudited	Unaudited	Unaudited	Audited
Net Volumes (MW)	170	162	200	482	471	808
Net Revenue	1,449	1,430	1,597	4,257	4,078	6,520
Contribution	492	511	501	1,439	1,410	1,877
Contribution Margin	34.0%	35.7%	31.4%	33.8%	34.6%	28.8%
Employee Expenses	157	153	141	452	414	545
Other Expenses (net)	123	150	116	382	360	503
EBITDA (Pre FX)	212	208	244	605	636	829
EBITDA Margin (Pre FX)	14.7%	14.5%	15.3%	14.2%	15.6%	12.7%
Depreciation	58	63	63	179	182	260
Net Finance Cost	80	92	181	321	540	712
Taxes	-1	-42	5	1	7	167
Net Profit (Pre Fx and Ex. Items)	75	95	-5	104	-93	-310
Exchange Loss / (Gain)	-3	38	-42	6	-37	-61
Exceptional Loss / (Gain)	0	0	0	-2,469	-83	-83
Net Profit After Tax	78	56	37	2,567	27	-166

Consolidated Balance Sheet Metrics (as on 31st December 2022)

(₹ Cr.)


Particulars	Dec-22	Sept-22	Mar-22	Dec-21
	Unaudited	Unaudited	Audited	Unaudited
Equity & Liabilities				
Net Worth	340	-313	-3,526	-3,322
Non-controlling interests	-42	-41	-36	-34
Borrowings (non-current and current)	2,512	3,150	6,391	6,523
Non-current Liabilities	212	207	210	178
Current Liabilities	2,883	2,890	3,436	3,457
Total equity and liabilities	5,905	5,893	6,475	6,802
Assets				
Non-current Assets	1,099	1,127	1,295	1,362
Inventories	2,078	2,181	2,208	2,655
Trade Receivables	1,281	1,162	1,377	1,439
Other current assets	971	996	1,000	1,010
Cash and cash equivalents	476	427	595	336
Total assets	5,905	5,893	6,475	6,802
Net Debt	2,035	2,723	5,796	6,187

Key statistics of Suzlon Group as on 30th September 2022 are as under:

- **Total MW installed (cumulative)** : 19,717 MW
- **Total Nos. of WTG** : 12,512 Nos.
- **Average Turbine Size** : 1.5 MW
- **Product (Size Range):**

Product Size (Range)		% of total MW installed
Small WTGs	< 750 kW	3.9%
Megawatt	< 750 – 1500 kW	34.5%
Mainstream	< 1501 – 2500 kW	61.5%

- **Total No of Countries (presence)** : 17
- **Continental Spread (as on 31st December 2022):**
 1. Asia (14,720.54 MW)
 2. North America (2,779 MW)
 3. South America (~806 MW)
 4. Australia (~764 MW)
 5. Europe (~508 MW)
 6. Africa (~139 MW)
- **Wind Order Book (as on 31st December 2022):**

Particulars	Capacity (MW)
Central Auctions	409.5
State Auctions	56.7
Captive/Retail/PSUs	315.8
Wind Firm Order Book as on 31st December 2022	782.0
 Strong order pipeline under advanced discussion	

Existing manufacturing facilities

Suzlon Total annual Manufacturing Capacity: 3150 MW

Location	Year	Products	Production capacity/ year in MW
Coimbatore, Tamil Nadu	2008	Generators	2520
Pondicherry, Indian Union Territory	2003	Nacelle and Hub	1260
		Rotor Blades	840
Daman, Indian Union Territory	2005	Nacelle and Hub	1890
	2021	Control systems	1890
Vadodara, Gujarat	2006	Transformers	3150
Dhule, Maharashtra	2005	Rotor Blades	840
Bhuj, Gujarat	2006	Rotor Blades	840
Gandhidham, Gujarat	2005	Tubular Towers	1260
Anantapur, Andhra Pradesh	2016	Rotor Blades	840
Ratlam, Madhya Pradesh			420
Jaisalmer, Rajasthan			420

SE Forge

Location	Year	Products	Production capacity/ year
Coimbatore	2006	Casting	120000 MT/yr
Vadodara		Forging	42000 Rings/yr

Suzlon Total annual Manufacturing Capacity: ~3150* MW

Note:

* SEL has a ramp-up/ramp-down capacity. A capacity of 3150 MW is for 2.1 MW WTGs. When Suzlon manufactures 3+ MW WTGs, capacity can be ramped up to 4500 MW in phased manner

Research and Development

Country	Unit	Focus Area
Germany	Hamburg	- Development & Integration
		- Certification
	Rostock	- Development & Integration
		- Design & Product Engineering
- Innovation & Strategic Research		
Netherlands	Hengelo	- Blade Design and Integration
India	Pune	- Design & Product Engineering
		- Turbine Testing & Measurement
		- Technical Field Support
		- Engineering
	Vadodara	- Blade Testing Center
	Chennai	- Design & Product Engineering (Mechanical Drive)
Bengaluru	- Technology Center	
Denmark	Aarhus	- SCADA

Suzlon Foundation

Suzlon Group implements CSR activities through Suzlon Foundation, a non-profit company. Suzlon Foundation has completed 15 years and its CSR programs operate across 800 villages in eight states and one Union Territory of Daman. Active community participation and sizable contribution in kind and cash indicate that CSR programs create shared value. It is a partnership in development, with all stakeholders making their own contributions to enhance natural, financial, social, human and physical resources. The Foundation has a multi-pronged approach: Transformative (working with internal stakeholders), Responsive (working with neighbourhood communities to offset our footprint) and Proactive (working for overall sustainability of the planet). Suzlon Foundation also collaborates with Suzlon's customers and other organizations to create greater impact in Suzlon's neighbourhood villages.

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-seven 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 31st December 2022

Suzlon corporate website: www.suzlon.com