

Familiarization Kit For Directors

Updated as on June 24

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Suzlon Group: Fact Sheet as on 31st March 2024

- 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 ~20.7 GW* of wind energy capacity, of which over 14 GW is in India alone, making it a market leader in the country. (~32% of total installed base in the country)
**Global installations of Suzlon manufactured wind turbine generators.*
- Suzlon's Global wind installations help in reducing ~52.51 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 and products for integration various renewable energy sources.

S120 WTG

- The S120 – 140m (140-meter 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:

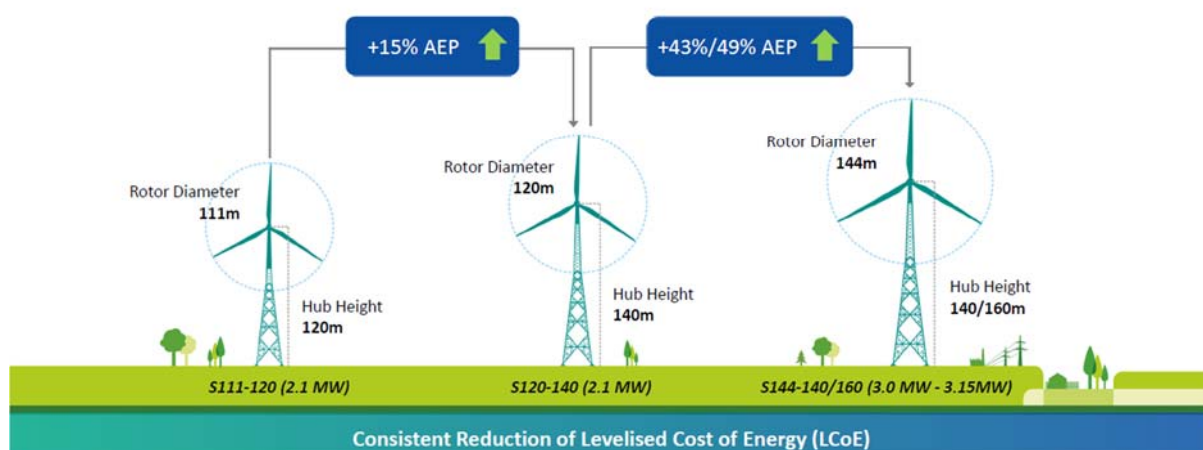
- Suzlon introduced the 2.6 to 3.0 MW platform to unlock unviable sites and deliver improved energy yield suitable for all wind regimes
- The S133 and S144 are among the largest wind turbine generator (WTG) operating in India. This platform is extendable up to 3.15 MW depending on the site wind conditions. 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 2022 a larger rotor of 144m was added to the portfolio and the S144 prototype is operating at 3.15 MW in the south of India for testing and measurements since December 2022. The further increased performance (+10% over S133) was successfully validated and certified in August 2023. In December 2023 a hybrid lattice tower variant with 160m hub height was installed, certified and is operating successfully.
- The growing fleet of the 3MW re-confirms the performance and robustness seen in the initial launch turbines.

Integration of renewable energy sources

- Based on proven wind park controller (PPC) technology hybrid park controller units have been developed and tested to ensure grid integration in challenging environments.
- Advanced control and monitoring features have been introduced to comply with latest grid codes.



Product Optimized 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 rings per annum.
- Suzlon Global Services Limited (SGSL), a wholly-owned subsidiary of Suzlon Group is the custodian of ~14.7 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 ~6 GW of installed capacity outside India.
- Suzlon has a human capital over 6,300 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 Key Managerial Personnel

Founder, Late Chairman & Managing Director:

The Company was helmed by its Founder, Chairman and Managing Director, Mr. Tulsi R Tanti, who was a pioneer in the wind energy industry in India. Mr. Tulsi R Tanti passed away on October 1, 2022.

Board of Directors:

Sr. No.	Name of Board Member	Capacity
1	Mr. Vinod R Tanti (Promoter)	Chairman & Managing Director
2	Mr. Girish R Tanti (Promoter)	Executive Vice Chairman
3	Mr. Per Hornung Pederson	Independent Director
4	Mr. Sameer Shah	Independent Director
5	Ms. Seemantinee Khot	Independent Director
6	Mr. Gautam Doshi	Independent Director
7	Mr. Pranav T.Tanti (Promoter)	Non-Executive Director

Key Managerial Personnel (KMP) other than executive directors:

Sr. No.	Name of KMP	Capacity
1.	J. P. Chalasani	Group Chief Executive Officer
2.	Himanshu Mody	Group Chief Financial Officer
3.	Geetanjali S.Vaidya	Company Secretary

Composition of committees of the Board

Sr. No.	Name of Committee	Members
1.	Audit Committee	a) Mr. Gautam Doshi, Chairman, b) Mr. Per Hornung Pedersen, Member c) Mr. Vinod R.Tanti, Member and d) Mr. Sameer Shah, Member
2.	Stakeholders' Relationship Committee	a) Mrs. Seemantinee Khot, Chairperson, b) Mr. Vinod R.Tanti, Member and c) Mr. Girish R.Tanti, Member
3.	Nomination and Remuneration Committee	a) Mr. Sameer Shah, Chairman, b) Mr. Pranav T.Tanti, Member, and c) Mrs. Seemantinee Khot, Member
4.	CSR & ESG Committee	a) Mr. Seemantinee Khot, Chairperson b) Mr. Vinod R.Tanti, Member c) Mr. Girish R.Tanti, Member and d) Mr. Gautam Doshi, Member
5.	Risk Management Committee	a) Mr. Vinod R.Tanti, Chairman b) Mr. J.P.Chalasani, Member c) Mr. Per Hornung Pedersen, Member
6.	Securities Issue Committee	a) Mr. Vinod R.Tanti, Chairman b) Mr. Girish R.Tanti, Member and c) Mr. Per Hornung Pedersen, Member

A 28+ year legacy

- Our Company was incorporated as “Suzlon Energy Limited” on April 10, 1995 as a public limited company under the Companies Act, 1956, pursuant to a certificate of incorporation granted by the Registrar of Companies, Gujarat, Dadra and Nagar Haveli at Ahmedabad. The Corporate Identity Number of our Company is L40100GJ1995PLC025447
- Our Company is presently listed on the National Stock Exchange of India Limited (NSE) with scrip code SUZLON – EQ and with BSE Limited (BSE) with scrip code 532667. The ISIN for Equity Shares is INE040H01021.
- Our Registered Office is presently situated at “Suzlon”, 5, Shrimali Society Near Shri Krishna Complex, Navrangpura, Ahmedabad 380 009, Gujarat, India and our Corporate Office is situated at One Earth, Hadapsar, Pune 411 028, Maharashtra, India.
- In the 28-year journey of Suzlon, the Company has turned challenges into opportunities, achieving numerous milestones along the way, reflecting the Company's evolution as a leading player within the Renewable Energy sector. They also signify the Company's contributions to global efforts in combatting climate change and promoting sustainable development.

1995 – Suzlon Is Born

- Tulsi Tanti, a mechanical engineer, was tending to his family textile business in Surat, Gujarat. The business was not in the best of health, mainly due to high operating costs caused by expensive electricity and the frequent power outages. Mr Tanti wanted to explore other avenues for fuelling his business' need for power. In 1994, he purchased two wind turbines and literally produced his own electricity. Other owners evinced interest in his solution, which inspired Mr Tanti to exit the textile business and enter into the energy sector with Suzlon. In 1995, Suzlon was formed with the idea of giving customers a complete package of wind energy services.

1996 - 2000

- After its establishment in 1995, Energy Limited slowly started gaining prominence as a provider of complete wind energy solutions. The nascent company established a technical collaboration with German wind energy leader Südwind Energy GmbH to strengthen and build its expertise in designing Wind Turbine Generators (WTGs). This technological expertise provided the critical thrust which helped Suzlon to set up WTGs across India from 1995 to 2000. During this period Suzlon commissioned its first 0.27MW WTG for Indian Petrochemicals Ltd in Gujarat. It also commissioned WTGs in the state of Maharashtra and Tamil Nadu. The increasing network of WTGs also led to a commensurate increase in installed capacity with the company crossing the 100MW installed-capacity mark in this period. Suzlon also commissioned its first 1MW WTG for the then Tata Group Company, Niskalp Investments in the year 2000.

2001 - 2005

- Along with product innovation, Suzlon fast-forwarded its efforts to become the most vertically integrated wind turbine manufacturer in the world. It initiated its backward integration with the dispatch of the first set of blades (Type S-60) from its rotor blade unit in Daman. The integration was further strengthened with the formation and commencement of Suzlon Control System (SCS), an MBU at Daman, for the design and manufacture of wind turbine control systems.

- During this period, Suzlon went international.
- It commenced operations in the USA and Germany through wholly owned subsidiaries Suzlon Wind Energy Corp, and Suzlon Energy GmbH respectively
- A representative office was opened in Beijing
- Suzlon Energy (Australia) was formed and commenced operations as a wholly owned subsidiary
- Suzlon Energy A/S, Denmark was formed as a wholly owned subsidiary
- Mrs Jaywantiben Mehta, Hon'ble Minister of Power, flags off Suzlon's first export order to the USA in 2002

2006-2010

- After attaining a leadership position in wind power generation, Suzlon was listed on the Bombay Stock Exchange and the National Stock Exchange. Its IPO was oversubscribed by 15 times, a testimonial to the company's leadership as a renewable energy player. In 2005, Suzlon achieved a new milestone in its growth by crossing the 1GW installed capacity mark in India. Its new and improved WTG suites, such as the 2.1MW generator, facilitates better and efficient harnessing of wind power. In just over a decade since it was formed, Suzlon achieved the superbrand status – a testament to its leadership and technological innovation. Suzlon became the only power company in India, the sole renewable energy company in Asia and the lone wind power company in the world to achieve this status. It also ranked #5 in the world among WTG manufacturers in terms of installed capacity.

2011-2015

- Continuous innovation, a hallmark of Suzlon, led to the development of the S9X suite of wind turbines, which were launched to a global audience at the AWEA Wind Power 2011 conference. Improvising on its product offering, the company produced a variant – the S97 2.1MW wind turbine generator (WTG), built with a hybrid tower (lattice/tubular combination) and a hub-height of 120 meters in 2012.
- The S111 2.1MW WTG suite, part of the S9X series, also received certification from TÜV NORD for its 50 Hz and 60 Hz variants in 2015. This certification was awarded for conforming to standards and regulations for design, testing, and manufacturing of the WTG.
- New investors, impressed with Suzlon's growth story, also joined hands. In 2015, Suzlon signed definitive agreements with Dilip Shanghvi Family and Associates (DSA) for equity investments of Rs.1,800 crore in Suzlon Energy Limited for equity infusion to accelerate growth. Suzlon attained other major milestones too during the period. It commissioned its 10,000th WTG at the Artilleros wind farm in Uruguay.
- Suzlon's landmark initiatives, Pure Air Lovers' Society (PALS) and a state-of-the-art training centre for wind technicians in North America were successful in their objectives – creating a community of people supporting wind energy in the case of PALS and preparing for future manpower needs in the latter case.

2016-2020

- Suzlon achieved significant milestones and recognition in the renewable energy sector during this period, including installing a record amount of wind energy, developing innovative technologies and transport systems, and several awards for manufacturing and eco-innovation.
- In 2016 Suzlon's Rotor Blade Manufacturing unit at Badnawar, Ratlam was inaugurated by Shri Shivraj Singh Chauhan, Hon'ble chief minister of Madhya Pradesh. On the product innovation

front, Suzlon won the Golden Peacock Eco-Innovation Award for S97 120M Hybrid Tower Wind Turbine. Suzlon surpassed the milestone of 11,000 MW installed wind energy in India in 2017. The first wind farm achieved an operational milestone of 20 years. Suzlon achieved record installations of 1,779 MW with an impressive growth of around 100% over FY16. The product SB63 WTG received the SKOCH Corporate Excellence Silver Award for a Full Carbon Girder Blade in 2018. Also, Suzlon installed and commissioned the new S128, the largest Wind Turbine Generator (WTG) in India. The logistics team at Suzlon developed an innovative two-fold transport system, which used a specialised 'Adapter Trailer' for the first time in India. This innovative 'Adapter Trailer' ensures unbound manoeuvrability through the hilly terrain while safely transporting the country's longest blades to the most remote wind sites safely in a cost-effective and time-efficient manner.





- The Daman Plant won the prestigious National Award for Manufacturing Competitiveness 2019. In addition, Daman Plant won a Gold award from International Research Institute for Manufacturing. Also, Suzlon received World's 1st solar project quality certification for its 100 MW project from DNV. In addition, Suzlon successfully completed Debt Restructuring in 2020.

2021-2024 (up to March 24)



- SE Forge wins Exports Excellence Award (MEPZ Special Economic Zone Authority, Ministry of Commerce, Govt. of India) - Export achievement
- Individual Leadership Awards (OMS): CEO of the year - Indian Wind Energy Forum 2021
- Digital Technology Excellence Awards: Digital Technology of the Year in Wind Farm Control Centre (OMS)
- Business Excellence Awards: Energy Service Provider of the Year (OMS)
- Completion of installing 19000 MW milestone
- Gold Medal to Nacelle Manufacturing Unit, Daman - National Awards for Manufacturing Competitiveness 2021 - International Research Institute for Manufacturing (IRIM), Mumbai
- O&M Team of the Year Award WindInsider Engineering Excellence Awards India 2022.
- Successfully completed debt refinancing activity, replacing 16 lenders with two new lenders
- India Green Manufacturing Award 2021-22 from International Research Institute for Manufacturing (IRIM): Presented Gold Medal to Rotor Blade Unit, Bhuj and Silver Medal to Nacelle Manufacturing Unit, Daman.
- Opens Rs.1,200-Crore Rights Issue on 11th October 2022
- Closes Rs 1,200-crore Rights issue on 20th October 2022, oversubscribed by 1.8 times
- 'Umbrella QHSE Systems Certifications,' has 39 ISO certificates for Suzlon all locations. DNV India presents memento of 'Value your patronage for more than 25 years,' for QHSE systems certificates
- Central Board of Irrigation and Power (CBIP), New Delhi awards 'The Best Contribution in Wind Energy' award for 2022
- Institute of Directors (IOD) awards 'Golden Peacock National Training Award,' for Power (Renewable) Sector for 2023
- CII Pinnacle Awards for Excellence in Manufacturing for Daman Nacelle Manufacturing Plant and Kutch Tower Manufacturing Plant for the Sustainability, Behavioural and Technology domain
- WindInsider, Indian Wind Energy Forum 2023, awards Best OMS Service Provider and Digital Technology of the Year, Wind Farm Control Centre
- International Research Institute for Manufacturing (IRIM) awards National Award for Manufacturing Competitiveness 2022-23: Presented Gold award to Panel Manufacturing Unit, Daman and Gold award to Rotor Blade Manufacturing Unit, Bhuj

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- Global Wind Energy Council (GWEC) felicitates Founder and late CMD Shri Tulsi Tanti for lifetime contribution in Renewable Energy with Pioneer Award 2023
 - The Economic Times awards the Environmental, Social and Governance (ESG) - The Economic Times Sustainable Organizations 2023
 - The Economic Times presents Energy Leadership 2023 awards - Energy Company of the Year (Renewables) and Equipment Manufacturers (Wind)
 - Becomes first Indian wind energy company to reach 20 GW of worldwide Wind Energy installations
 - IWTMA honours Shri Tulsi Tanti for contribution to Indian Wind Industry during Windergergy
 - Nacelle Cover Unit, Daman, won Silver Medal in the India Green Manufacturing Challenge 2023
 - Rotor Blade Unit, Dhule won Silver Medal in the India Green Manufacturing Challenge 2023
 - Great Place to Work, Institute Suzlon Energy Ltd wins the Great Place To Work® Certification for 2023-24
 - Suzlon's S144 - 3 MW series gets RLMM Listing by the MNRE
 - Received the 'Best Construction and Infrastructure Brands - Renewable Energy Suppliers' Award by The Times Group
 - Superior Operations Award by Frost & Sullivan, IMEA 2023 to Suzlon's Daman Plants, upholding Suzlon's Leadership in Renewable Sector
 - Hurun India and Axis Bank's Burgundy Private third edition of the '500 Most Valuable Private Companies in India'
 - CRISIL upgrades Suzlon Energy Limited ratings to 'A-' with a Positive Outlook
 - Himanshu Mody wins the Turnaround CFO of the Year award at ET CFO Awards in March 2024

Key statistics of Suzlon Group as on 31st March 2024 are as under:

-  **Total MW installed (cumulative) :** 20,688 MW
-  **Total Nos. of WTG :** 12,964 Nos.
-  **Average Turbine Size :** 1.6 MW
-  **Product (Size Range):**

Product Size (Range)		% of total MW installed
Small WTGs	< 750 kW	3.8%
Megawatt	< 750 – 1500 kW	32.9%
Mainstream	< 1501 – 2500 kW	63.4%

-  **Total No of Countries (presence) :** 17
-  **Continental Spread (as on 31st March 2024):**
 1. Asia (15,670 MW)
 2. North America (2,779 MW)
 3. South America (~806 MW)
 4. Australia (~764 MW)
 5. Europe (~510 MW)
 6. Africa (~139 MW)

Existing manufacturing facilities

Suzlon Total annual Manufacturing Capacity: 3,150 MW

Location	Year	Products	Production capacity/ year in MW
Pondicherry, Indian Union Territory	2003	Nacelle and Hub	1,260
		Rotor Blades	840
Daman, Indian Union Territory	2005	Nacelle and Hub	1,890
	2021	Control systems	1,890
	2005	Nacelle Cover	1,890
Vadodara, Gujarat	2006	Transformers	3,150
Dhule, Maharashtra	2005	Rotor Blades	840
ssBhuj, Gujarat	2006	Rotor Blades	840
Gandhidham, Gujarat	2005	Tubular Towers	1,260
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: 3,150* MW

Note:

* SEL has a ramp-up/ramp-down capacity of 3,150 MW is for 2.1 MW WTGs. When Suzlon manufactures 3+ MW WTGs, capacity can be ramped up to 4,500 MW in phased manner.

Research and Development

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

Key Financial Metrics as on 31st March 2024

Consolidated Balance Sheet

(₹ Cr.)

Particulars	Mar-24	Mar-23
	Audited	Audited
Equity & Liabilities		
Net Worth	3,920	1,099
Borrowings (non-current and current)	110	1,905
Non-current Liabilities	200	206
Current Liabilities	2,948	2,313
Total equity and liabilities	7,179	5,523
Assets		
Non-current Assets	1,061	988
Inventories	2,292	1,827
Trade Receivables	1,830	1,170
Other current assets	739	813
Cash and cash equivalents*	1,258	725
Total assets	7,179	5,523
Net Cash/(Net Debt)	1,148	(1,180)

*Including Non-Current Bank balances

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Consolidated Income Statement

(₹ Cr.)

Particulars	Q4 FY24	Q3 FY24	Q4 FY23	FY24	FY23
	Unaudited	Unaudited	Unaudited	Audited	Audited
Net Volumes (MW)	273	170	182	710	664
Net Revenue	2,179	1,553	1,690	6,497	5,947
Contribution	732	565	526	2348	1,965
Contribution Margin	33.6%	36.4%	31.1%	36.1%	33.0%
Employee Expenses	182	177	157	703	609
Other Expenses (net)	193	140	136	617	524
EBITDA	357	248	233	1,029	832
EBITDA Margin	16.4%	15.9%	13.8%	15.8%	14.0%
Depreciation	44	39	81	190	260
Net Finance Cost	33	5	81	126	401
Taxes	-1	0	3	-1	4
Net Profit/(Loss) (before exceptional items)	281	203	68	714	167
Exceptional Loss / (Gain)	27	0	-252	54	-2,721
Net Profit After Tax	254	203	320	660	2,887

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CSR Activities through 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 hProactive (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.

