

Sterlite Electric Limited: Company Overview

Company Overview

Sterlite Electric Limited is a manufacturer of capital goods and a provider of system integration solutions for the power transmission and distribution sector, serving customers in India and international markets.

The Company manufactures, and supplies overhead conductors, power cables across medium, high and extra-high voltage ranges, optical ground wire (OPGW), and delivers master system integration for transmission infrastructure.

Its operations support the delivery and strengthening of power networks by addressing requirements related to electricity evacuation, and the integration of communication systems.

Manufacturing Footprint and Capabilities

The Company operates four manufacturing facilities in India that are strategically located near key raw material sources and transportation hubs. These facilities support the manufacture of overhead conductors, power cables and OPGW products.

As of March 31, 2025, the Company's installed annual manufacturing capacity comprised 117,195.6 metric tonnes of overhead conductors, 2,400 kilometres of power cables, and 21,000 kilometres of OPGW.

The Company's manufacturing operations are supported by in-house engineering, testing, and research and development capabilities focused on product reliability, application-specific customization, and compliance with utility qualification requirements.

Product Portfolio

Sterlite Electric's product portfolio spans overhead conductors and OPGW, power cables, and system integration services. In overhead conductors, the Company manufactures a wide range of products including aluminium conductor steel reinforced (**ACSR**) conductors, all aluminium alloy conductors (AAAC), aluminium conductor composite core (**ACCC**) conductors, aluminium conductor steel supported (**ACSS**) conductors, and GAP type conductors. These products are supplied for applications across transmission voltage levels and are used in new line construction as well as reconductoring and uprating projects.

The Company also manufactures and supplies OPGW and associated hardware accessories, enabling both power transmission and fibre-based communication requirements to be addressed within the same infrastructure.

Power Cables

In the power cables segment, the Company manufactures and supplies medium-voltage, high-voltage and extra-high-voltage cables ranging from 66 kV to 220 kV, including fibre-integrated and high-ampacity cables. Its offerings extend to end-to-end EPC solutions for extra-high-voltage cabling projects, including design, installation, testing and commissioning.

The Company has also expanded its cable portfolio to include low-tension direct current solar cables and medium-voltage covered conductors, catering to evolving needs of power transmission and distribution sector. Advanced cable monitoring solutions are offered to enable remote diagnostics and lifecycle management of installed cable systems.

Master System Integration Services

Complementing its manufacturing activities, Sterlite Electric provides master system integration services focused on the upgrade and uprating of existing transmission infrastructure. These services include system planning and optimisation, feasibility studies and detailed engineering, and project management and execution.

Sterlite Electric has supplied products and services to customers in over 70 countries, including North America, Latin America, Europe, Africa, the Middle East and Asia from April 1, 2022, to March 31, 2025. Its customer base includes transmission utilities, power developers, EPC contractors, and public and private sector entities.

Media Contact

For press inquiries, interviews, or additional information, please contact our communications team.

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