

GALAXY

REDEFINING POWER SOLUTIONS

Company Profile



WELCOME TO THE WORLD OF GALAXY

REDEFINING POWER SOLUTIONS

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ABOUT GALAXY

A Legacy of Power Solutions

Established in 1990, Galaxy Transmissions Pvt. Ltd. (GTPL) has solidified its position as a leading integrated player in the Indian power transmission industry. We specialize in the manufacturing of a diverse portfolio of conductors and cables, contributing to the critical infrastructure that powers the nation.



Our Manufacturing Prowess

With two strategically located plants in Maharashtra - Sangli and Nagpur - GTPL boasts a combined installed capacity of 60,000 Tonnes Per Annum (TPA) for conductor and cable manufacturing. Our backward integration strategy is further strengthened by Galaxy Aluminium LLP (GA), a group company with a rolling mill in Sangli, producing 24,000 TPA of various grades of wire rods.



Commitment to Quality and Technology

At GTPL, quality and technological advancement are paramount. Our plants are ISO 9001:2015 & ISO 14001:2015 certified, reflecting our commitment to stringent quality and environmental management systems. We adhere to international standards such as IEC, ASTM, AS, SS, DIN, and EN, ensuring our products meet global benchmarks. Our products undergo rigorous type testing at renowned laboratories, including ERDA, CPRI, TAG Corporation (India), and NETFA (South Africa).

Customer-Centric Approach

GTPL is a trusted partner to a diverse clientele, including:

Central and State Utilities: PGCIL, NTPC, GETCO, KPTCL, MAHATRANSCO, APTRANSCO, TSTRANSCO, TANTRANSCO, BSPTCL, DVC, JUSNL, CSPTCL, and more

Industry Leaders: BAJAJ, ABB, L&T, KEC, KPTL, MEIL, Reliance, Siemens, Tata Power, adani, Sterling & Wilson, and others

Driving Innovation

GTPL consistently invests in research and development, focusing on process optimization, new alloy development, and energy-efficient conductors and rods. Our collaborations with Energy Technologies International and TS Conductors have enabled us to procure specialized composite carbon cores and successfully develop in-house manufacturing of HTLS Conductors.



VISION & MISSION

Our Mission

At Galaxy Transmission, our mission is to deliver innovative, high-quality conductors, cables, and wire rod, that empower industries, enhance infrastructure, and drive sustainable progress. We are committed to meeting the evolving needs of our customers by prioritizing safety, reliability, and operational excellence. Through a relentless focus on quality, timely delivery, and environmental responsibility, we aim to exceed customer expectations and contribute to a smarter, greener, and more connected world.



Our Vision

Our vision is to be a global leader in the power transmission industry, recognized for revolutionizing connectivity through sustainable and cutting-edge solutions. We aspire to be the preferred partner for infrastructure projects worldwide, shaping a future where our products fuel progress, foster innovation, and contribute to building a sustainable world for generations to come.





MESSAGE FROM MD



Mr. Sameer Vhora serves as the Managing Director of Galaxy Transmissions Pvt. Ltd. A key pillar in the company's leadership, Mr. Vhora brings a dynamic and innovative approach to the core business of conductor and cable manufacturing. As the son of the founder, Mr. Subhash Vhora, he carries forward the legacy of excellence while infusing modern strategies and technologies into the company's operations.

Under his guidance, Galaxy has achieved significant milestones, including technological advancements such as the development of in-house manufacturing of HTLS conductors. His strategic vision has been instrumental in expanding Galaxy's market presence both domestically and internationally, securing relationships with top utility providers and leading corporate.

In addition to his operational and technological expertise, Mr. Vhora is known for his forward-thinking approach to management, emphasizing quality, sustainability, and continuous improvement. He works closely with his team, ensuring GTPL remains a competitive and innovative force in the industry.

“

Sameer Vhora

Managing Director

"I believe in teamwork and innovation. I like to empower my team and give them the freedom to take ownership of their work. A company grows when its people grow, so I always encourage fresh ideas and new ways of thinking. And above all, I believe in open communication—when everyone is on the same page, we move faster and achieve more."

”



OUR JOURNEY

Diversification done for LT LH/HT Cables, MVCC Covered Conductors & Solar Cables at NAGPUR Plant.



2024

Completed plant assessment and qualified for HTLS (ACSS) conductor manufacturing by Power Grid. Achieved technical recognition for high-quality production standards.



2022

Relocated Silvassa plant to Nagpur for manufacturing conductors up to 765 KV (20,000 MTPA capacity). Streamlined operations at a strategic location for better logistics.



2018

Started manufacturing of AL-59 and Developed ACSS & STACIR Conductors



2016

Set up GTPL Unit-II at Silvassa for conductors up to 765 KV (20,000 MTPA capacity). Strengthened manufacturing capabilities to meet high-market demands



2013

Established GALLP at Sangli for aluminum rod production (25,000 MTPA capacity). Enhanced backward integration for conductor manufacturing.



2011

Received approval from Power Grid Corporation of India Ltd. (PGCIL) for 400-765 KV conductors. Established credibility with a 'Maharatna' GOI Central Transmission utility



2010

Increased conductor manufacturing plant capacity to 24,000 MTPA Expanded infrastructure for greater production capability



2008

Diversified into the renewable energy sector. Commissioned a 0.6 MW windmill in Tamil Nadu



2006

Product Diversification: Introduced AAA Conductors after basic conductor types such as AAC and ACSR. Certification Achieved initial compliance with industry standards.



1995

Journey Was Started

Beginning: Galaxy Transmission Pvt. Ltd. (GTPL) (formerly Galaxy Cables Industries) was established. Initial Focus: Entered the conductor manufacturing industry, laying the foundation for future growth.



1990

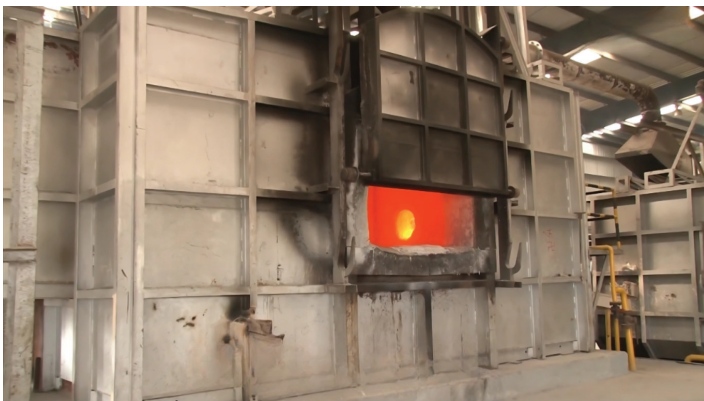


PRODUCT PORTFOLIO



CONDUCTORS

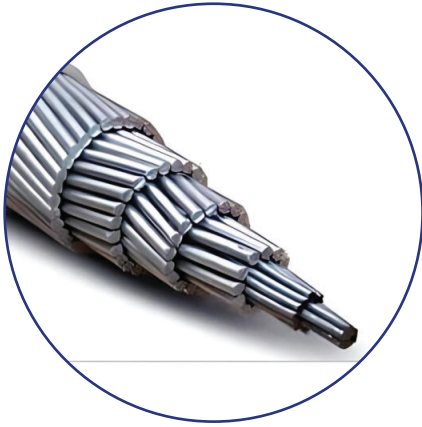
CABLES



RODS



CONDUCTORS

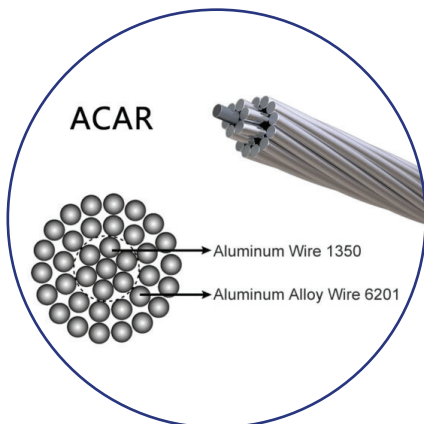


AAC - All Aluminium Conductor

AAC is a high-purity aluminum stranded conductor, with a minimum metal purity of 99.7%. It is primarily used in urban areas where the distance between supports is short. Due to its excellent corrosion resistance, it is also suitable for coastal regions and is widely used in the Railway and Metro industries

ACSR - Aluminium Conductor Steel Reinforced

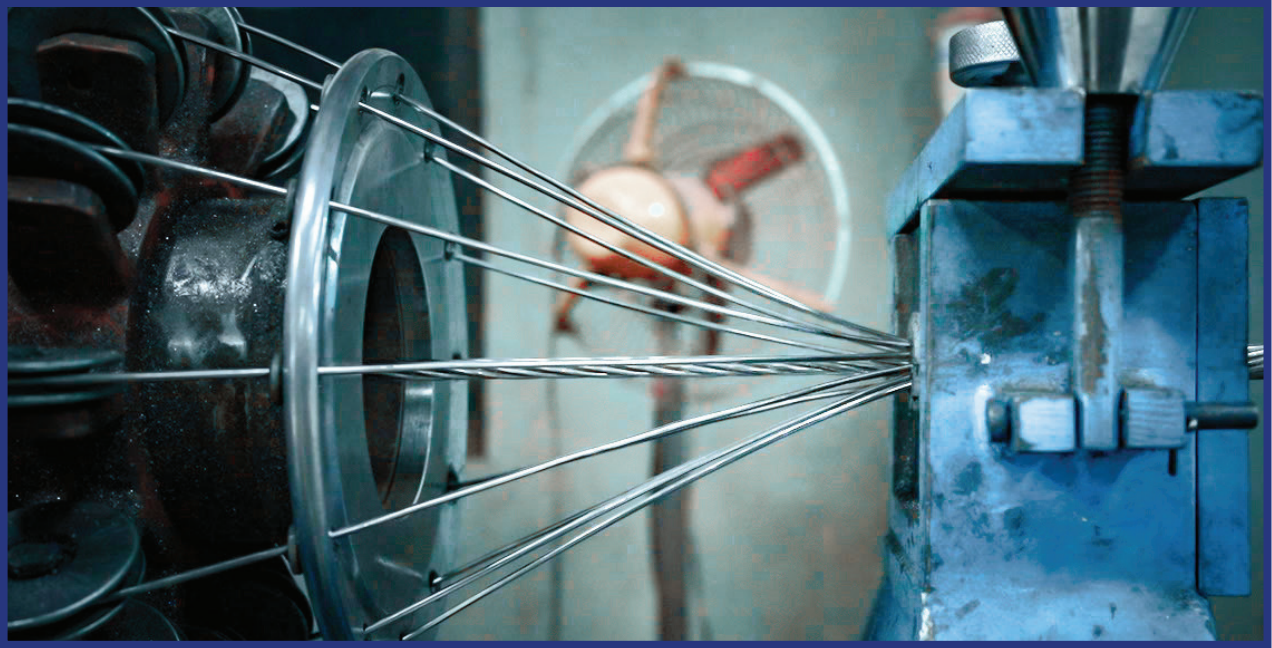
ACSR conductors, with steel content ranging from 6% to 40%, offer varying strength levels. High-strength variants are used for river crossings, overhead earth wires, and long-span installations. Their high tensile strength, lightweight design, and larger diameter make them ideal for high and extra-high voltage overhead lines.

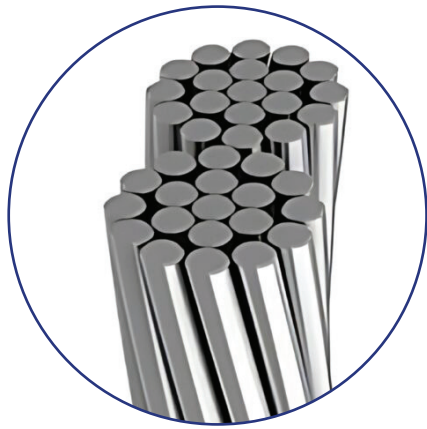


ACAR - Aluminium Conductor Alloy Reinforced

Aluminium Conductor Alloy Reinforced (ACAR) is concentrically stranded wires of Aluminium on high strength Aluminium -Magnesium -Silicon (AlMgSi) alloy core. ACAR has got a better mechanical and electrical properties as compared to an equivalent ACSR, AAC or AAAC. A very good balance between the mechanical and electrical properties therefore makes ACAR the best choice where the ampacity, strength and light weight.

Conductor Manufacturing



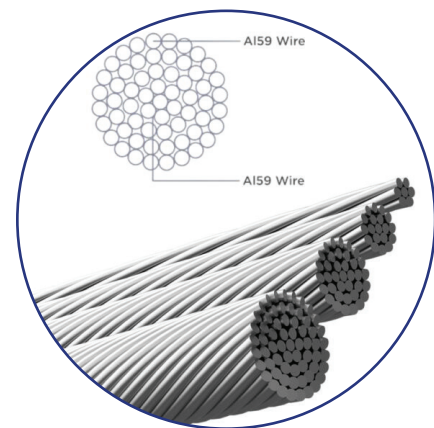


AAAC - All Aluminium Alloy Conductor

AAAC is used as a bare conductor cable in aerial circuits that need greater mechanical strength than AAC and better corrosion resistance than ACSR. Its sag characteristics and strength-to-weight ratio outperform both AAC and ACSR conductors.

AL59 - Swedish Alloy with 59% Conductivity

AL59 is a type of metal alloy made from aluminum and other materials, with 59% of it being highly conductive. This means it can carry electricity efficiently, making it a good choice for electrical cables. The alloy is known for its balance of strength and conductivity, allowing it to be used in power lines and other electrical systems. It provides good performance while being lightweight and durable.



HTLS / HPC - High Performance Conductors

HTLS (High Temperature Low Sag) / HPC (High Performance Conductors) are special types of electrical wires designed to handle high temperatures and carry more electricity over long distances without sagging too much. These conductors are stronger and can operate at higher temperatures compared to regular wires, making them ideal for power lines that need to carry heavy loads or work in extreme conditions. They help improve the efficiency of electricity transmission while requiring fewer supports.



RODS

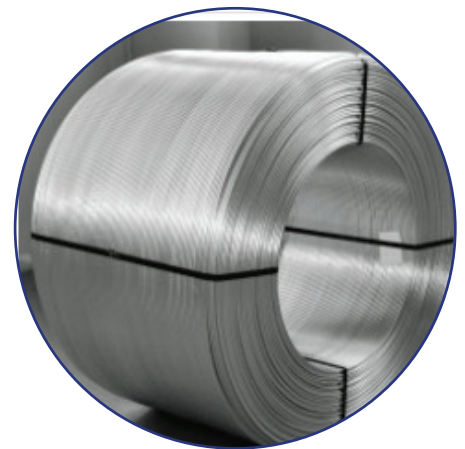


T4 Rod

T4 Rod refers to a type of aluminum rod that has been treated to improve its strength and hardness. The "T4" indicates a specific heat treatment process that makes the aluminum stronger while maintaining its light weight. These rods are commonly used in electrical conductors and other applications where a strong, durable material is needed.

EC Rod

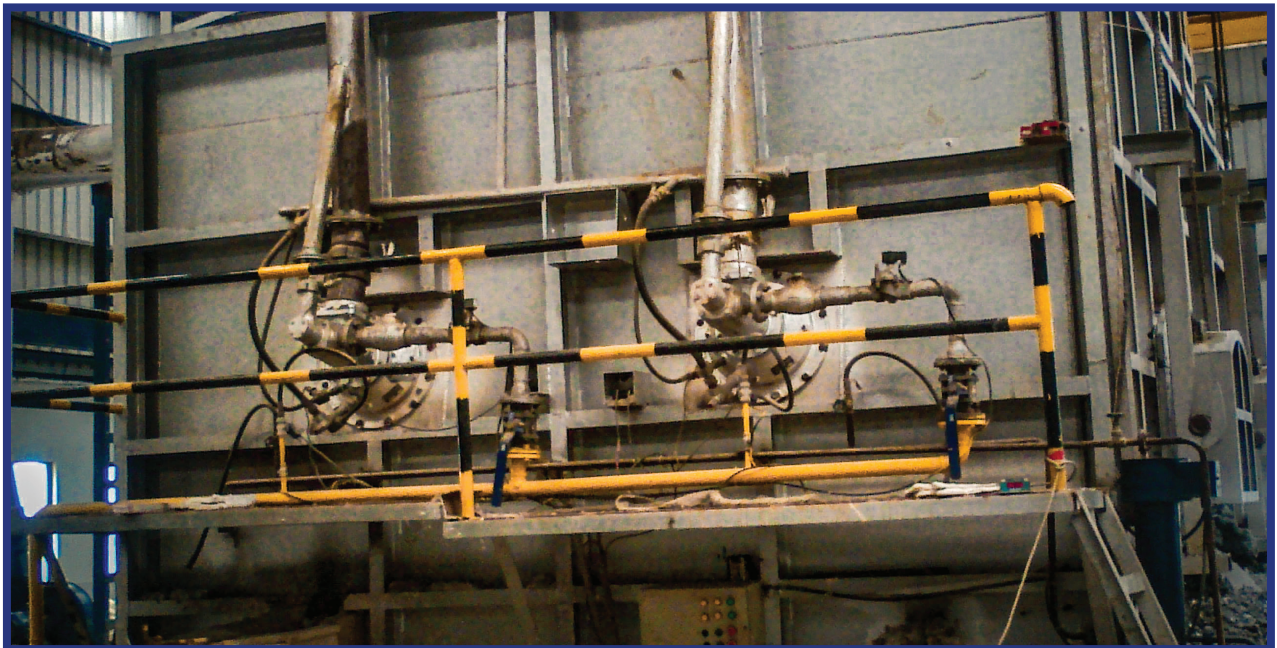
Pure aluminum wire rods, commonly referred to as EC-grade aluminum, are composed of aluminum with a minimum purity of 99.5%. This high level of purity ensures that the material retains its intrinsic properties, most notably its exceptional electrical and thermal conductivity. Typically, pure aluminum exhibits an electrical conductivity of approximately 61% of the International Annealed Copper Standard (IACS), positioning it as a superior conductor relative to many other metals.



AL59 Rods

An AL59 Rod is a type of aluminum rod made from an alloy that has 59% conductivity. It is used in electrical cables and systems because it can carry electricity efficiently while being lightweight and durable. The AL59 rod is stronger than regular aluminum, making it ideal for power lines and other applications where both strength and good electrical performance are needed.

Wire Rod Manufacturing





CABLES



LT Cables (Low Tension Cables)

LT cables are used to carry electricity at lower voltages, typically for power distribution in homes, schools, and small businesses. They are designed to handle lower electrical loads compared to high-voltage cables and are typically installed underground or overhead for safe electricity supply to consumers.

AB Cables (Aerial Bundled Cables)

AB cables are a type of power cable used for overhead electrical distribution. Instead of using separate wires, these cables have multiple insulated wires bundled together. This design makes them safer and more reliable, reducing the risk of accidents and making the installation process easier. AB cables are often used in residential areas and places with limited space or where safety is a concern.



MVCC - Medium Voltage Covered Conductor

MVCC - Medium Voltage Covered Conductors are developed to improve the reliability of the distribution of electricity. The concept of covered conductor has proven to be extremely functional and reliable. It consists of a conductor surrounded by a covering made of insulating material as protection against accidental contacts with other covered conductors and with grounded parts such as tree branches, etc. Medium voltage covered conductors are produced in voltage rating between 6.6KV to 33KV.

HT- High Tension or High Voltage Cables

HT- high tension or high voltage cables is used in premises, substations etc. HT cables is the medium of high voltage carrying from HT overhead line to substation or premises HT panel. It can be categorized s per voltage low voltage, Medium voltage, Extra high voltage



Cable Manufacturing





MANUFACTURING CAPABILITIES



Galaxy operates a high-capacity manufacturing infrastructure with an annual production capability of 60,000 MT, supported by state-of-the-art facilities in Sangli and Nagpur, Maharashtra. Strengthening its vertical integration, Galaxy boasts an in-house captive rod rolling mill with a 25,000 MT per annum output, ensuring a robust supply chain and operational efficiency. Leveraging cutting-edge technology and streamlined processes, Galaxy delivers precision-engineered, high-performance products that cater to global market demands.

With an unwavering commitment to quality, innovation, and industry leadership, Galaxy continues to set new benchmarks in manufacturing excellence, driving progress and reliability across the sector.

60K TPA
MANUFACTURING CAPACITY

25K TPA
ROD ROLLING MILL CAPACITY (TPA)

1000 +
DELIGHTED CUSTOMERS

10 +
EXPORTED COUNTRIES



QUALITY & TESTING

UNCOMPROMISING COMMITMENT TO QUALITY & PERFORMANCE

At Galaxy, quality is not just a process—it is a core principle embedded across the entire production lifecycle. From strategic raw material procurement to the final product dispatch, every stage undergoes rigorous quality assurance protocols, ensuring that excellence is engineered into the product, not just verified at the end.

Galaxy's product portfolio adheres to globally recognized standards, including IEC, ASTM, AS, SS, DIN, and EN, reinforcing our commitment to delivering precision-engineered, world-class solutions. Our products have undergone type testing up to 765 kV at prestigious institutions such as ERDA (India), TAG Corporation (India), and NETFA (South Africa) to prove to our exceptional performance, reliability, and compliance with industry benchmarks.



State-of-the-Art Manufacturing & Testing Infrastructure

Our ISO 9001:2008-certified manufacturing facilities are equipped with advanced metallurgical processing capabilities, including:

- In-house aluminium melting furnaces for precise alloy formulation.
- Continuous casting machines for superior metal integrity.
- High-precision rod drawing mills & coilers ensuring uniformity and strength.
- Specialized wire drawing, stranding, and heat treatment lines for enhanced conductivity and mechanical resilience.

To guarantee the highest standards, Galaxy operates fully equipped in-house testing laboratories, ensuring each product meets or exceeds regulatory and performance criteria before deployment.

Comprehensive Type Testing for Unparalleled Reliability

Galaxy conducts exhaustive type tests at NABL-accredited laboratories in India and other globally recognized facilities to validate material integrity, mechanical properties, and electrical performance. These tests include:

- ❑ Spectro Analysis – Ensuring precise material composition.
- ❑ Surface Condition Testing – Delivering flawless finishes for superior aesthetics and functionality.
- ❑ Ultimate Tensile Strength – Confirming structural durability under extreme conditions.
- ❑ Ampacity Evaluation – Verifying optimal electrical load-handling capabilities.
- ❑ DC Resistance Measurement – Ensuring high energy efficiency.
- ❑ Stress-Strain Analysis – Validating mechanical resilience and flexibility.
- ❑ RIV & Corona Testing – Guaranteeing high-voltage insulation performance and safety.
- ❑ Chemical Composition Tests – Assessing material purity and corrosion resistance.

Industry Leading Power Cable Testing Partnerships

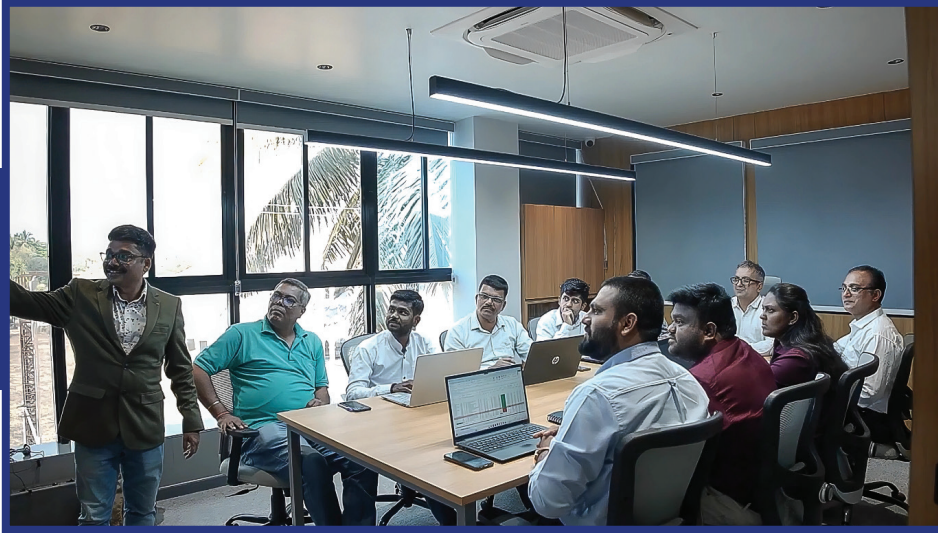
To uphold the highest quality and compliance standards, Galaxy collaborates with renowned third-party testing laboratories, ensuring every product meets stringent industry benchmarks. Our products undergo rigorous evaluation and validation at the following accredited testing facilities:

- ❑ KC India Testing Lab, Ghaziabad
- ❑ TAG Corporation Testing Lab, Chennai
- ❑ TVS Lab
- ❑ CPRI, Delhi (Central Power Research Institute)
- ❑ ERDA (Electrical Research & Development Association), Baroda
- ❑ GTL, Ghaziabad
- ❑ ELMEF Testing Lab, Indore





FUTURE PLANS



At Galaxy, we have a strong desire to be a key contributor to the power infrastructure in India and the Globe. We will also strive in its journey of Corporate excellence. To achieve this goal, we are working on the following initiatives:

Meeting Customers' growing needs - Expansion of our Capacities at Sangli as well as our strategically located Nagpur facility.

Getting closer to our Customers - Expansion of our Sales and Marketing teams at our Sangli and Pune offices and also have our representatives at various locations.

Diversify – Expand our spectrum of offerings by getting into more products like Communication cables, Telecom Cables, electrical wires etc.

Exceeding the best – Further investing in R&D infrastructure to excel in technology

Sustainability – Focus on Corporate Governance and Social responsibilities

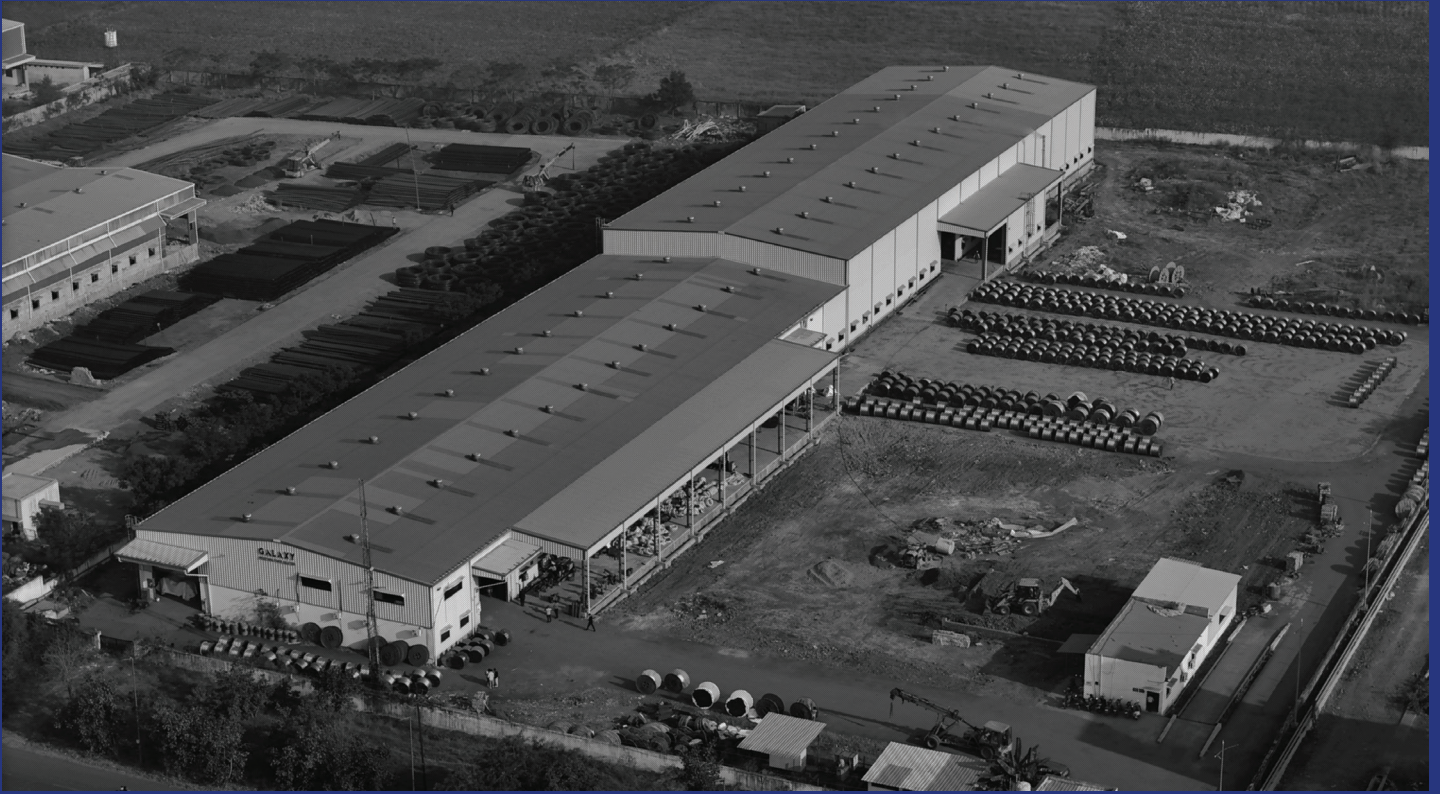
Going Public – Bring in Public participation in our growth journey

Best Places to work – Focus on best HR practices to make Galaxy a desired destination to work.



CLIENTS WHO TRUST US





GALAXY

REDEFINING POWER SOLUTIONS

Corporate Office

T1 & T2, 3rd Floor, Venkatesh Asset,
Sangli-Miraj Road, Near Ram Mandir,
SANGLI - 416 416 (MS) India.

Registered Office & Unit 1

Plot No.N-3, MIDC, Kupwad
Block Sangli - 416 436, (MS)
India.

Unit 2

Plot No. D-9, MIDC,
Umred Nagpur - 441 203
(MS) India.



Learn More

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