



EMC Group

Spanning Power Globally

Since 1953



Asia | Europe | North America | South America | Africa



Our Vision

Setting the standard of excellence in modern power system globally.

Our Mission

To be a global provider of outstanding, end-to-end integrated solutions in transmission lines, sub-stations, industrial power distribution projects and railway infrastructure projects through best in class technology, supported by experienced professionals, thereby enhancing scalability, providing clean energy, expanding business and empowering lives.

Our Values

- > Integrity
- > Teamwork
- > Outstanding value to customers
- > Committed to all stakeholders
- > Willingness to learn
- > Good Corporate Citizenship



Synonymous With Power

- > EMC Limited (Formerly known as Electrical Manufacturing Company Limited), established in 1953, is the leading modern power system company in India.
- > Now having its foot-print globally
 - > In Europe through its subsidiary companies TecnoLines S.r.l based in Italy and REYGA, Spain and REGAENER, Peru and Chile specialised in executing EHV Transmission line projects on turnkey basis in Europe, Africa and South America.
 - > In North America through its manufacturing operation specialized in manufacturing transmission, sub-station & other structures at Tulsa, Oklahoma, USA.
- > Offers complete turnkey solutions in the field of power transmission systems (transmission lines, EHV substations & associated sub-systems).
- > Covers the entire voltage range in industrial sector from 11 kV to 765 kV, HT & LT distribution systems including rural electrification (up to consumer metering).
- > Turnkey projects execution in railway sector - Overhead electrification & Traction, sub stations and infrastructure through its subsidiary Quatro Rail Tech Solutions Limited executing signaling and Telecommunication, Train Protection Warning System (TPWS) in railways, metro railways & freight corridors.
- > Manufacturing facilities located at Kolkata, Raipur & Naini in India, Tulsa, Oklahoma in USA have best in class plant and technology.
- > Tower testing station is located at Naini, Allahabad and capable to handle tower testing up to 500 kV including destruction tests.
- > Installed and operates 5 MW PV Solar power plant at its premises in Uttar Pradesh, North India since March, 2012 and supplying power to National Grid.
- > Has ventured in to Rooftop Solar power projects on large Industrial units on BOOT basis and seeking opportunities for mega Solar Projects and Parks.



One-stop Shop For Turnkey Solutions

EMC offers total turnkey solutions complete with design, engineering, erection, testing & commissioning including auxiliary subsystems such as lighting & illumination, fire protection systems for:

Transmission

- > Transmission line projects including 765 kV
- > EHV sub-stations (both GIS & AIS) including 765 kV

Distribution

- > Rural Electrification
- > Distribution projects including R-APDRP, DDUGJY and IPDS projects

Balance of Plant (BOP)

- > Industrial power distribution systems
- > Plant electrification and Illumination packages for integrated steel & power plants

Solar Power Projects & Solar Parks

Smart Cities & Smart Integrated Industrial Townships

Railways

- > Electrification
- > Signalling, Telecommunication, Safety & Security Systems
- > SCADA
- > Civil & Infrastructure
- > Automatic Fare Collection Systems



Our Sectors

- > **Power Transmission and Distribution Services**
- > **Railways**
- > **Industrial Sectors**
- > **Defence**
- > **Solar Power**
- > **Smart Cities**



Product Lines

- > **Transmission Line Towers**
- > **Substation Structures**
- > **Aluminium Alloy Extrusion, Aluminium Alloy Forging and Steel Forging for defence & two-wheeler**



What Is The EMC Advantage?

Over 6 decades of professional experience

Leading turnkey power system solutions provider

One of few companies in India capable of undertaking and successfully executing extra high voltage projects.

One of the few companies globally capable of helicopter based Tower Erection & Stringing

Offers comprehensive turnkey solutions with design engineering, erection, testing and commissioning, including all auxiliary systems such as lighting & illumination, fire detection & fire fighting systems

One of few Indian EPC players having successfully commissioned Gas Insulated Sub-stations (GIS) projects on turnkey basis.

In-house facilities to design and manufacture:

- › Towers
- › Conductors suitable for power transmission and distribution
- › Insulator hardware fittings and accessories
- › Non-ferrous extrusion, forgings and die castings

Design and Testing of Towers for Destruction Tests and having in-house Test Bed

Constructed over 16,000 kilometers of transmission lines of up to 765 kV

Consistently exhibited strong time-bound execution capabilities both domestically and abroad across uncharted geographical terrains, challenging climatic and topographic conditions

One of few Indian EPC players qualified and executing 765 kV transmission lines

- › Railways business in the following areas:
- › Overhead Electrification (OHE)
- › Metro Rail Projects including Mono Rail Project.
- › Dedicated Freight Corridor Railway Projects

- › Smart Integrated Industrial Townships (SIITs)
- › Smart Cities

- › Solar Power Generation
- › Solar Park
- › Roof Top Solar Power

About Tecnolines

Established in 1956, Tecnolines Srl specialises in executing EHV Transmission Line projects on a turnkey basis across Europe and Africa

Tecnolines Advantages

- Specializes in providing EPC services for Transmission lines ranging from 110-400kV
- Has certified manpower and best in class equipments
- Pre-qualified in all Utilities across Europe (including Scandinavian Countries) and Africa.

Turnkey Projects

- Preliminary path analysis
- Preliminary design, permits, landowner management
- Detailed design
- Supply of all materials
- Civil works and masts installation
- Conductors stringing/sagging
- Final check and acceptance



About ASC, Inc.

Since 1970, ASC, Inc. (formerly, Advanced Steel & Crane Inc.) has provided Transmission and Substation steel structure and components to major Electrical & Power Utilities as well as many Rural Electrical Co-operatives across the United States and Canada.

ASC Advantages

- On Time delivery
- Fair and Competitive Pricing
- Quality Products
- TOP NOTCH Customer Service

Product Lines

- Substations & Transmission Structures- Our Transmission and Substation Poles and Structures can be built from client provided drawings or designed and detailed by us. The structures can be tubular or lattice type. Material for the structures fabricated are as per the requirement of the client. The quality of steel used is primarily of ASTM standard unless specified otherwise.
- Fabricated and Assembled foundation cages including anchor bolts.
- Steel Fasteners of any grade for structures.
- Galvanized or painted structures.
- PV Solar panel mounting steel structures.
- Custom made lattice structures for Transmission and Distribution systems.
- Steel Derricks for the Oil and Gas Industry.
- Overhead bridges and cranes.
- Aluminium Structures.
- Aluminium connectors for substations.



EMC Group Projects



www.emcpower.com

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