



# STRUCTOVOLT

*EMPOWERING TOMORROW'S INFRASTRUCTURE TODAY*

At STRUCTOVOLT, we power progress by bridging the gap between heavy industrial manufacturing and high-voltage EPC execution. Built on a foundation of precision engineering, strict safety compliance, and robust fabrication capabilities, we deliver comprehensive, turnkey solutions for national power transmission, telecom connectivity, and industrial infrastructure.

**Structovolt**



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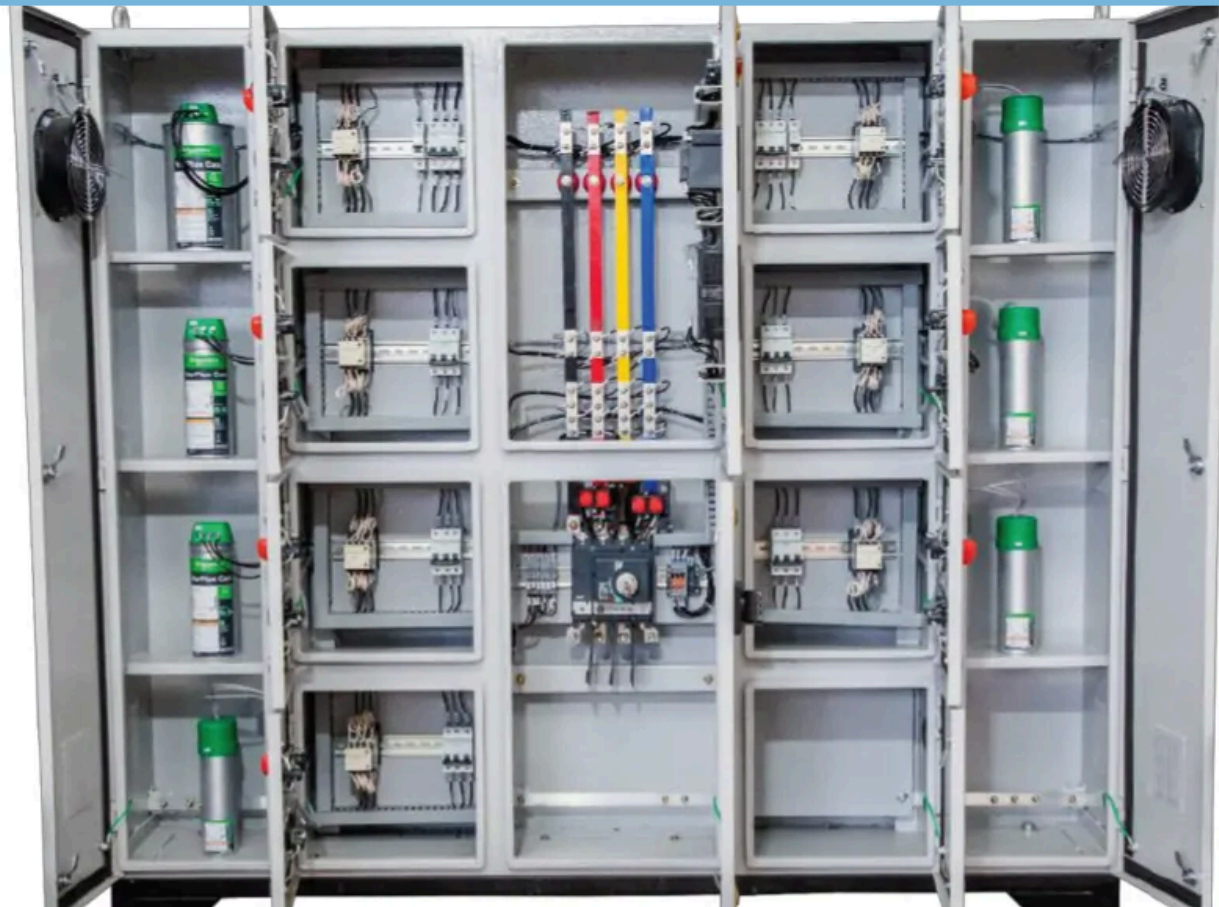
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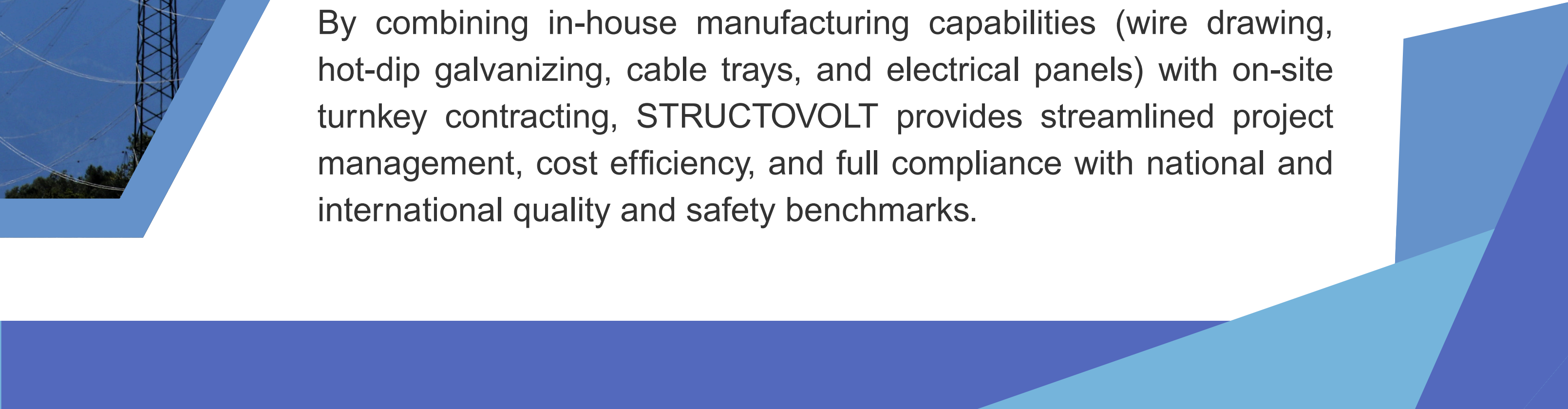




# INTRODUCTION

STRUCTOVOLT is an integrated engineering, manufacturing, and EPC (Engineering, Procurement, and Construction) solutions provider. We deliver end-to-end infrastructure for electrical power transmission, industrial electrical networks, telecommunications, and heavy-duty structural manufacturing.

By combining in-house manufacturing capabilities (wire drawing, hot-dip galvanizing, cable trays, and electrical panels) with on-site turnkey contracting, STRUCTOVOLT provides streamlined project management, cost efficiency, and full compliance with national and international quality and safety benchmarks.



# HIGH-TENSION (HT) TRANSMISSION

**EMPOWERING GRID RELIABILITY WITH PRECISION LINE ERECTION, STRINGING, AND TURNKEY**

STRUCTOVOLT delivers comprehensive Engineering, Procurement, and Construction (EPC) solutions for high-voltage and extra-high-voltage (EHV) transmission power corridors across India. We manage every phase of transmission line deployment—from initial route profiling and foundation engineering to tower erection, stringing, and final grid synchronization.

## **VOLTAGE CAPACITIES & TOPOLOGIES**

- High Voltage (HV): 33 kV, 66 kV, and 132 kV transmission networks
- Extra High Voltage (EHV): 220 kV, 400 kV, and 765 kV long-distance corridors
- Circuit Configurations: Single Circuit (S/C), Double Circuit (D/C), and Multi-Circuit (M/C) layouts



# ELECTRICAL TURNKEY PROJECTS

**COMPLETE EPC SOLUTIONS, CUSTOM CONTROL PANELS & INDUSTRIAL POWER DISTRIBUTION.**

We provide turnkey electrical contracting services for manufacturing facilities, industrial parks, solar plants, and heavy infrastructure projects. By integrating in-house manufacturing of HT/LT distribution panels and cable tray management systems with on-site contracting, we ensure faster delivery and uncompromised build quality.



## **ELECTRICAL TURNKEY PROJECTS (EPC):**

- Substation Construction: Turnkey indoor/outdoor sub-station setup (11 kV / 33 kV), including power transformers, switchgears, and lightning arresters.
- Industrial HT/LT Cable Management: Underground trenching, cable tray laying, termination, and jointing of heavy-duty armored power and control cables.
- Plant Electrification: Complete electrical layout engineering, internal wiring, busduct installation, and backup power integration.

# PANEL MANUFACTURING

**COMPLETE EPC SOLUTIONS, CUSTOM CONTROL PANELS & INDUSTRIAL POWER DISTRIBUTION.**

We provide turnkey electrical contracting services for manufacturing facilities, industrial parks, solar plants, and heavy infrastructure projects. By integrating in-house manufacturing of HT/LT distribution panels and cable tray management systems with on-site contracting, we ensure faster delivery and uncompromised build quality.

## **CUSTOM ELECTRICAL PANEL MANUFACTURING:**

- Power Control Centers (PCC) & Motor Control Centers (MCC): Fully compartmentalized industrial motor and power distribution units.
- HT/LT Distribution Panels: Robust switchgear enclosures designed for high fault-level endurance.
- Automatic Power Factor Correction (APFC) Panels: Microprocessor-controlled power optimization units.
- Feeder Pillars & Control Desks: Weatherproof outdoor distribution boxes and customized PLC/automation control panels.



# TELECOM INFRASTRUCTURE & TOWER ERECTION

**BUILDING SCALABLE, ROBUST, AND RELIABLE CONNECTIVITY NETWORKS.**

STRUCTOVOLT acts as a full-service infrastructure partner for telecom tower companies and network operators. We execute civil works, structural tower erection, hardware integration, and site electrification across urban, rural, and remote terrains.

## TOWER CATEGORIES

- Ground-Based Towers (GBT): 3-legged and 4-legged tubular and angular lattice towers ranging from 30m to 60m+ heights.
- Roof-Top Towers (RTT) & Poles (RTP): Lightweight, structurally reinforced towers and customized monopoles designed for urban rooftops.
- Site Survey & Structural Assessment: Soil testing, structural load validation for rooftops, and layout drafting.
- Civil Foundations & Structural Assembly: Heavy-duty raft/isolated footing casting, base-plate leveling, tower assembly, and verticality alignment.



# MANUFACTURING, WIRE DRAWING & GALVANIZING

**IN-HOUSE ENGINEERING, CORROSION PROTECTION, AND HIGH-STRENGTH STEEL SOLUTIONS.**

Located in the Khuskhera Industrial Area (Rajasthan), our manufacturing facility is equipped with automated machinery for wire drawing, hot-dip galvanizing, and structural fabrication. In-house manufacturing guarantees total quality control, shorter turnaround times, and direct pricing advantages.

## MANUFACTURING CAPABILITIES & PRODUCT LINES

**WIRE DRAWING & GALVANIZED IRON (GI) WIRE**

**STRUCTURAL HOT-DIP GALVANIZING**

**OUTDOOR LIGHTING INFRASTRUCTURE**

**TRANSMISSION RIGGING HARDWARE**



# BUSINESS MODELS, INFRASTRUCTURE

**In-House Engineering, Corrosion Protection, and High-Strength Steel Solutions.**

**Flexible Partnership Models Backed by Modern Infrastructure and Reliable Leadership.**

## ENGAGEMENT & CONTRACTING MODELS

- EPC & Turnkey Execution: End-to-end execution of projects covering site surveys, material procurement, civil casting, tower erection, line stringing, and statutory grid testing.
- Product-Based Supply Contracts: Bulk manufacturing, wholesale supply, and trading of GI wires, cable trays, street light poles, electrical panels, and line accessories.
- Technical Manpower & Setup Services: Deployment of certified electrical engineers, safety supervisors, line riggers, specialized tools, and heavy machinery for site installation.





# STRUCTOVOLT

## Manufacturing Plant & Office Locations



### Head Office:

**103, First Floor, Sunsquare Plaza (Near DHL Office), RIICO  
Chowk, Bhiwadi, Rajasthan, India**



### Mailing Address:

**Sector 6, Plot No. 487, UIT, Bhiwadi, Rajasthan, India**



**STRUCTOVOLT PVT LTD**

# THANK YOU

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