

TURNKEY ELECTRICAL PROJECTS & SOLUTIONS

Reliable, Safe & Energy-Efficient Electrical Systems for Industrial & Infrastructure Projects

About Electrical Solutions

Comprehensive electrical solutions are essential for safe, efficient, and uninterrupted operations across industrial, commercial, and infrastructure projects. These solutions cover complete power distribution, control systems, and energy optimization—designed as per industry standards and regulatory compliance.

Applicable across **Residential & Commercial Buildings, Hospitality Chemical, Steel, Pharma, API, Water & Wastewater, Sugar, Food & Beverage, Dairy, Beverage, OEM, EPC, Automotive, Manufacturing, and Government Projects.**

Scope of Electrical Projects

Key Offerings

- LT Power Distribution Systems
- PCC (Power Control Center) Panels
- MCC (Motor Control Center) Panels
- APFC (Automatic Power Factor Correction) Panels
- Synchronization Panels (DG / Grid Synchronization)
- Electrical Infrastructure & Smart Electrical Systems
- Energy Monitoring & Management Systems

Supply | Installation | Services

1. Supply

- Switchgear (ACB, MCCB, MCB, Contactors, Relays)
- PCC, MCC, APFC & Synchronization Panels
- Power & Control Cables (LT/HT)
- Cable Trays, Trunking & Accessories
- Industrial Electrical Appliances:
 - Industrial Fans & Air Circulators
 - Air Coolers & Ventilation Systems
 - LED Lighting (Indoor / Outdoor / Street Lights)
- AC & DC Motors, VFD Drives & Soft Starters
- Smart Electrical Components & Energy Monitoring Devices

2. Installation & Commissioning

- Complete electrical installation & site electrification
- Panel erection, alignment & interconnection
- Cable laying, glanding, termination & dressing
- Cable tray fabrication & routing

- Earthing & Lightning Protection Systems
- Testing & commissioning of panels, motors & drives
- Synchronization system setup (DG & Grid)
- Load testing, trial runs & system validation

3. Services & Support

- Annual Maintenance Contracts (AMC)
- Preventive & breakdown maintenance
- Energy audits & power quality analysis
- Electrical system upgrades & retrofitting
- Troubleshooting & fault analysis
- Remote monitoring & reporting solutions
- Spares supply & lifecycle support

TECHNICAL CAPABILITIES & EXECUTION

Engineering & Design

- Single Line Diagrams (SLD)
- Load Calculations & System Design
- Cable Sizing & Routing Design
- Panel GA & Electrical Schematics
- BOQ / BOM Preparation

Compliance & Safety

- IEC / IS Standards Compliance
- Electrical Safety Norms & Regulations
- Proper Earthing & Protection Systems
- Quality Assurance & Testing Procedures

Expertise & Strength

- Authorized Electrical License Holder
- Experienced Team of Electrical Engineers & Technicians
- Support from Certified Electrical Auditors & Consultants
- Capability to handle Turnkey EPC Projects
- Strong focus on safety, quality & timely execution

Contact

 sales.ind@inducart.com

 www.inducart.com

Powering Industries with Safe & Intelligent Electrical Solutions