



CHENNAI POWER
ENGINEERING

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Electrical Power Infrastructure Engineering & Manufacturing

Design. Manufacture. Install. Commission. Support.

LT/HT Power Systems • Automation • Electrical Infrastructure • Mission-Critical Reliability

Reliable. Compliant. Future-Ready.

COMPANY OVERVIEW

Engineering Reliable Power Infrastructure for Modern Industries

About Chennai Power Engineering

Chennai Power Engineering (CPE) is a growing electrical engineering and industrial solutions company delivering reliable, compliant, and future-ready power infrastructure solutions across India.

With over 15 years of industry experience, CPE specializes in the design, assembly, supply, installation, testing, and commissioning of electrical panels, automation systems, power distribution infrastructure, and industrial electrical solutions tailored to client requirements.

Over the years, CPE has supported projects across industrial manufacturing, infrastructure, aviation, commercial buildings, residential developments, industrial plants, and emerging technology sectors through quality-driven execution, safety-focused practices, and long-term engineering support.

Our approach combines engineering expertise, practical execution capability, safety-first practices, and customer-focused delivery to ensure reliable electrical systems that support operational continuity and long-term performance.

Why CPE

15+ Years of Industry Experience

Custom-Built Infrastructure Solutions

ISO 9001, 14001 & 45001 Certified

Reliable Project Delivery

End-to-End Engineering Execution

Long-Term Technical Support

Strong Safety & Compliance Focus

Future-Ready Engineering Vision

Building Future-Ready Power Infrastructure

CPE is focused on evolving as a dependable engineering and manufacturing partner delivering reliable, compliant, and future-ready electrical infrastructure solutions across industrial, infrastructure, commercial, and mission-critical sectors.

INDUSTRIES & ENGINEERING EXECUTION

Industries We Serve



Industrial Manufacturing



Residential Townships



Airports & Aviation



Energy & Utilities



Railways & Infrastructure



Data Centers & IT Infrastructure



Commercial Buildings



Healthcare & Institutions

Engineering Capabilities

1) Power Distribution Systems

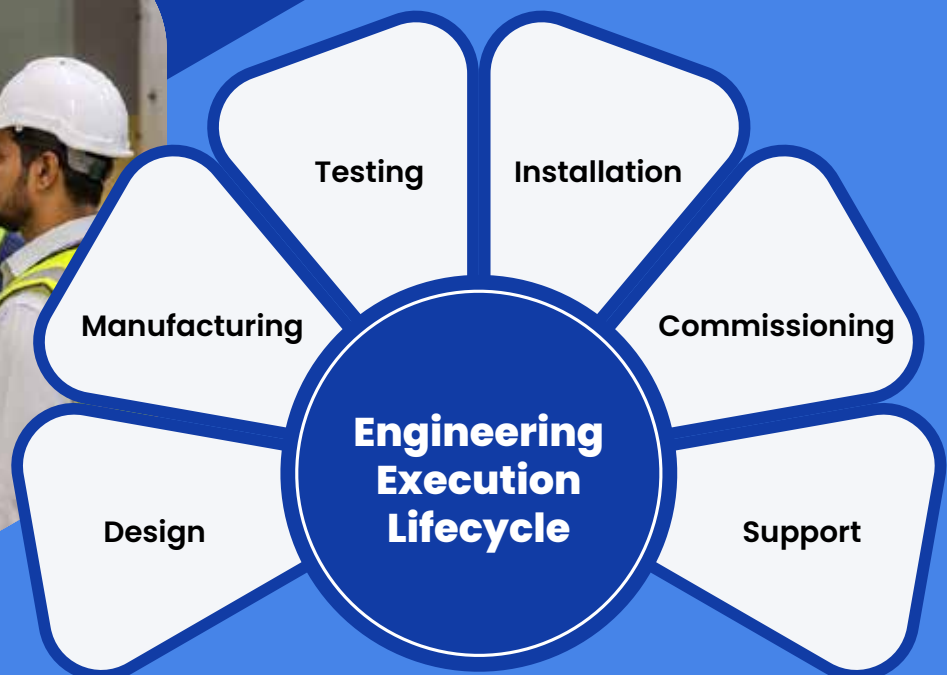
4) Electrical Infrastructure Systems

2) Automation & Control Systems

5) Installation & Commissioning

3) Backup Power Systems

6) Technical Audits & AMC Services



ELECTRICAL SOLUTIONS

Electrical Panels & Infrastructure Solutions

CPE delivers reliable and application-focused electrical infrastructure solutions engineered for industrial, commercial, infrastructure, and mission-critical environments.

Power Distribution Systems

LT Panels

Main Distribution Panels (MDP)

PCC Panels

Sub Distribution Panels (SDP)

MCC Panels

Custom Power Distribution Systems

ACB & MCCB Panels

Automation & Control Systems

PLC Panels

Process Automation Panels

VFD Panels

DG Control Panels

Motor Control Systems

Custom Automation Solutions

Backup & Power Quality Solutions

- APFC Panels
- AMF Panels
- DG Synchronization Systems
- Power Monitoring & Control Systems

Electrical Infrastructure Systems

- LV & MV Busducts
- Cable Tray Systems
- Industrial Power Routing Infrastructure



ENGINEERING EXCELLENCE & COMPLIANCE

Engineering Excellence, Safety & Sustainable Infrastructure

Quality & Compliance

CPE operates with internationally aligned management systems focused on quality, safety, environmental responsibility, and operational reliability.

Certifications

- ISO 9001 – Quality Management Systems
- ISO 14001 – Environmental Management Systems
- ISO 45001 – Occupational Health & Safety Management Systems



Sustainability & Energy-Conscious Engineering

CPE integrates energy-conscious engineering approaches through:

Optimized Power Distribution Design

Energy-Efficient System Planning

Reliable Infrastructure Architecture

Long-Term Operational Performance

Sustainable Engineering Practices

Mission-Critical Infrastructure Support

CPE supports high-reliability electrical infrastructure requirements across:

Data Centers

Industrial Facilities

Commercial Infrastructure

Utility & Energy Environments

Critical Operations Facilities

CLIENTS & PROJECT EXPERIENCE


Trusted Across Industrial & Infrastructure Sectors

Over the years, Chennai Power Engineering has supported projects across multiple industries through reliable engineering execution and infrastructure-focused electrical solutions.

Our Strengths



State-of-the-art manufacturing and testing facilities



Decades of engineering expertise



High-quality, certified components and materials



Custom-built designs based on consultant & client requirements



Strong focus on safety, durability & performance



Timely delivery and responsive customer support

Representative Client & Project Ecosystem

Trusted by leading industries for reliable and high-performance electrical solutions.

Project Exposure Includes

Industrial Manufacturing Facilities

Residential Township Projects

Airports & Aviation Infrastructure

Energy & Utility Facilities

Railway & Government Infrastructure

Industrial Plants & Processing Units

Commercial Developments

Technology & Industrial Ecosystems

Data Center & IT Infrastructure Support

Our Commitment

CPE continues to evolve as a dependable engineering partner capable of supporting both conventional electrical infrastructure and future-ready industrial ecosystems.

Through engineering discipline, execution reliability, compliance-focused practices, and customer-driven delivery, we aim to support industries with scalable and sustainable power infrastructure solutions.



Let's Power Your Next Project

Chennai Power Engineering Private Limited

Electrical Power Infrastructure Engineering & Manufacturing

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