



# Niche to Diverse

## From Potential to Value



Techno Electric & Engineering Company Limited

# Diversifying for Growth

Imagine a future where power infrastructure goes beyond electricity to unleash limitless possibilities. For over four decades, we have driven this transformation with unmatched Engineering, Procurement, and Construction (EPC) expertise, shaping India's power landscape through generation, transmission, and distribution.

As architects of progress, we build on 40 years of engineering mastery while looking to the future. By embracing **Industry 4.0 technologies** and pioneering innovative solutions, **we are redefining the power sector**. In a world seeking **reliable, efficient, and sustainable energy**, we are ready to exceed expectations. Every project reflects our commitment to excellence, and every innovation brings us closer to a brighter, more powerful future.

**Welcome to the next generation of power infrastructure.**

**Welcome to Techno Electric and Engineering.**

## Major Domains of Operations

Domains	Category of Services	Capabilities/Offerings
EPC Services	Power Generation (Thermal/Renewable/Hydro)	<ul style="list-style-type: none"><li>Turnkey delivery of <b>conventional power plants up to 200 MW</b></li><li><b>Balance of Plant (BOP)</b> works involve complete EPC of auxiliary systems that support power generation</li><li>Deployment of advanced <b>Flue Gas Desulphurisation (FGD)</b> systems to reduce sulphur dioxide emissions</li><li>Specialised turnkey captive power plants, utilising <b>Waste Heat Recovery (WHR)</b> for power generation</li><li>Development and Management of <b>Renewable</b> (wind energy) projects</li></ul>
	Transmission	<ul style="list-style-type: none"><li>EPC for transmission sub-stations of capacity from <b>220 kV to extra high voltage up to 765 kV</b></li><li>Installation of <b>static synchronous compensators (STATCOM)</b> up to <b>300 MVar</b> to enhance grid stability and efficiency</li><li>Development of transmission infrastructure projects through Public-Private Partnerships (PPP)</li></ul>
	Distribution	<ul style="list-style-type: none"><li><b>Rural electrification projects</b>, expanding access to electricity in underserved areas</li><li><b>Digitisation solutions</b> for distribution companies, enabling <b>real-time monitoring</b> and <b>system optimisation</b></li></ul>



## Domains

## Category of Services

## Capabilities/Offerings

**Transmission and Distribution Infrastructure Assets**

Projects on DBFOOT and TBCB basis

- Collaborating with government and strategic partners for projects on a **Design, Build, Finance, Own, Operate, and Transfer (DBFOOT)** basis
- Engaging in **tariff-based competitive bidding (TBCB)** for transmission projects

**Data Centre**

End-to-end data centre solutions

- Statutory Approvals
- Design and Engineering
- Civil and Structural works
- MEP works
- Procurement of Long lead equipment
- Commissioning
- Marketing and Sales
- Operations and Maintenance

**Industrial Sector**

Industry-specific EPC services

- Offsite works for power intensive industries i.e. Aluminium/Refineries/Petrochem
- Power Distribution Systems to Power Intensive Industries
- Plant Piping Systems/Networks (HP/LP)
- Fuel Oil Handling Plant Process Industries
- Plant Electrical and Illumination System (MV/LV)
- Fire Protection System (Hydrant/Form)
- Naptha and Diesel-based system for Turbine-based Power Plant
- Water Intake & Treatment Systems



# A Legacy of Excellence

**1963**

Started operations as an EPC player

**1990**

Forayed into the power Transmission & Distribution (T&D) segment as an EPC player

**2009**

Became the first IPP in India to develop wind energy generating capacity

**2011**

Completed installation of a 111.9 MW wind power farm (Tamil Nadu)

**2006**

Started offering complete power plant solutions

**2010**

Became the first transmission utility to own and operate transmission assets under PPP Model

**1980**

Launched EPC turnkey services

## 2024

- Successfully concluded a qualified institutional placement of Rs 1250 crores with overwhelming response from large marquee domestic & global institutional investors, resulting in an increase in institutional stake from 27.17% to 33.94% between June and September 2024.
- Secured a contract from RailTel Corporation of India Ltd, to establish edge data centres across 102 cities
- Partnered with IndiGrid to collaboratively develop two of IndiGrid's greenfield Interstate Transmission System (ISTS) projects



## 2022

Forayed into Advanced Metering Infrastructure (DBFOOT Model)

## 2019

Launched EPC Services for FGD projects

## 2013

Bagged a transmission network at Patran, Punjab



## 2017

- Started a Transmission project at New Kohima, Nagaland
- Forayed into international markets, providing EPC solutions in the T&D space

## 2021

Forayed into the Data Centre industry

# Seasoned Leadership Driving Success

Our leadership team brings decades of experience in the power sector, with key executives skilled in engineering, project management, and finance. This diverse expertise contributes to a well-rounded and effective management approach.

<b>Mr. P. P. Gupta</b> Managing Director	<b>Mr. Ankit Saraiya</b> Whole-Time Director	<b>Mr. Kadenja Krishna Rai</b> Independent Director
<b>Ms. Avantika Gupta</b> Non-Executive Director	<b>Mr. James Raymond Trout</b> Professional Director	<b>Mr. Anjan Dasgupta</b> Independent Director
<b>Mr. Krishna Murari Poddar</b> Independent Director	<b>Mr. Shailesh Kumar Mishra</b> Professional Director	<b>Mr. Arun Duggal</b> Additional Independent Director
<b>Mr. S. N. Roy</b> Independent Director	<b>Ms. Dipali Khanna</b> Independent Woman Director	

## Nurturing Talent

At TEECL, we are more than just a workplace; we are a community where every individual's potential shines. We believe that exceptional achievements stem from exceptional care for our people. Our comprehensive health and safety programmes create a solid foundation for innovation to thrive.

We support ambition through robust professional development opportunities, empowering team members to navigate their own paths to excellence. Our dynamic engagement programmes foster collaboration, creativity, and meaningful connections at all levels. At TEECL, it is not just about building careers—it is about nurturing the whole person.

### Great Place to Work® Certification

We pride ourselves on being officially recognised as a Great Place to Work. This prestigious certification highlights our dedication to fostering a workplace for the collective well-being, growth and inclusivity of our people. We received this recognition for the duration of February 2025 to February 2026.

**Great  
Place  
To  
Work®**

**Certified**

FEB 2025-FEB 2026

INDIA

TM



# Forging Ahead with Strong Foundations

A combination of diverse strengths gives us a competitive advantage in India's power infrastructure space.

## Operational Excellence and Capabilities

### 450+ Projects Completed

Efficiently managed large-scale power projects with timely execution, including the Bhadla-II PS (765/400kV) in 24 months.

### Asset-Light Model

Efficient resource allocation and strategic partnerships help us remain agile and responsive to market changes, optimising our capital for sustainable growth.

### Strong Client Partnerships

- Over 50% of PGCIL-operated substations developed.
- Key Partner for NTPC Power Stations, meeting diverse project requirements.

### 25+ Years of Engineering Expertise

Average experience of our core engineering team, focused on disciplined and cost-effective project execution.

### Multi-Geographical Presence

Successfully delivered projects across India and internationally, including Afghanistan, Togo, Nepal, and Uganda, adeptly navigating diverse regulatory landscapes to mitigate revenue concentration risks.

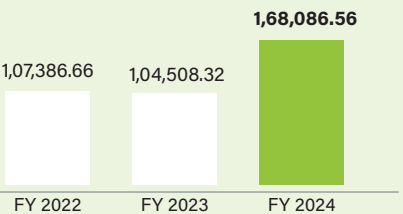
### Commitment to Excellence

As an ISO 9001:2015 certified company, we are committed to quality, compliance, and continuous improvement across all operations.

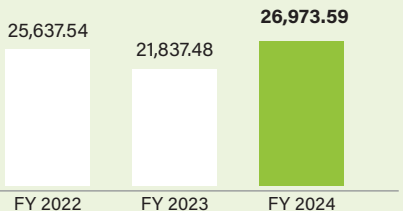
## Financial Strength and Growth Potential

### Sustained and Profitable Growth

#### Total Revenue from Operations (₹ in lakhs)

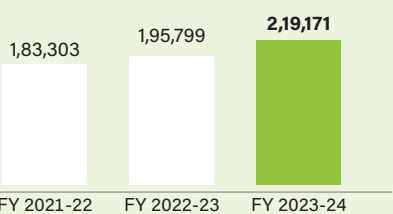


#### Profit After Tax (₹ in lakhs)



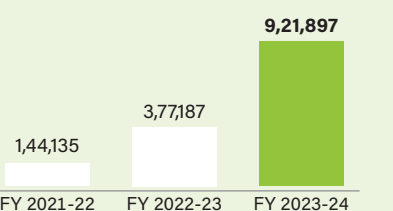
### Generating Consistent Shareholder Value

#### Net Worth (₹ in lakhs)



### Healthy Orderbook Driving Long-term Revenue Visibility

#### Order Book (₹ in lakhs)



### Strong Balance Sheet and Financial Strength

**₹2,19,171 lakhs**

Total Equity

### Zero Debt

### AA (Stable)

Long-term credit rating by ICRA

### A1+ (Reaffirmed)

Short-term credit rating by ICRA

# Marquee Projects across Key Domains

## EPC Services → Power Generation

We provide end-to-end EPC services for power generation, specialising in thermal, hydro, and renewable energy projects, ensuring high-quality and sustainable infrastructure delivery.



### Flue Gas Desulphurisation (FGD)

We have a strong foothold in FGD technology, emphasising our commitment to innovation and sustainability. This has helped us secure contracts for large-scale FGD projects.

- **Damodar Vally Corporation (DVC) – Bokaro-‘A’ Thermal Power Station**
  - Completed the EPC of a 500 MW capacity Flue Gas Desulphurisation (FGD) system and cleared the Performance Guarantee test
  - FGD System EPC
- **RRVNL – Kalisindh Thermal Power Project**
  - EPC package for FGD System at Kalisindh Thermal Power Project (KaTPP), encompassing Units 1 and 2 (2x600 MW) in Rajasthan, inclusive of a three-year Operational and Maintenance commitment
  - FGD System EPC with 3-year O&M commitment
- **RRVNL – Kota Super Thermal Power Station**
  - EPC Package for FGD System at Kota Super Thermal Power Station (KSTPS), spanning Units 5 (1x210 MW), 6 and 7 (2x195 MW) in Rajasthan, inclusive of a three-year Operational and Maintenance commitment
  - FGD System EPC with 3-year O&M commitment

● **Project** ● **Description** ● **Scope of Work**



### Renewable Projects

Our renewable power initiatives have significantly contributed to India's sustainable energy goals by generating clean and reliable power. From 2009 to 2013, we developed 207.35 MW of wind energy projects in Tamil Nadu and Karnataka, investing US\$200 million. Notably, our projects were among the first to secure registration under the UNFCCC for Carbon Credits.

### Way Forward

As India takes significant strides towards environmental stewardship, the Ministry of Environment, Forest and Climate Change (MoEFCC) made it mandatory for thermal power plants to install Flue Gas Desulphurisation (FGD) systems with an aim of reducing sulphur dioxide (SO<sub>2</sub>) emission. This ambitious mission, driven by a commitment to meet stringent environmental targets, enhance air quality, and address the detrimental effects of industrial emissions on public health. Valued at an estimated ₹98,946 crores, the FGD market highlights the critical need for sustainable solutions.

In this context, our ongoing projects to install FGD systems for power plants, valued at ₹1,900 crores, position us to meaningfully contribute to the nation's environmental goals. Additionally, with an ambitious annual target of ₹1,000 crores, we not only seek business growth but actively participate in realising the government's vision for cleaner and more sustainable power generation.



## EPC Services → Transmission and Distribution

The EPC services offered to the Transmission and Distribution sector represents our key strength and is the primary source of revenue generation.



### Marquee Projects

#### Domestic

Location	Project	Scope
1 Chhattisgarh	765 kV Substation	Extension with 13 Nos. 765 kV Bays, 5 Nos. 400 kV Bays, and auxiliary systems on an EPC basis
2 M.P.	765 kV Substation	Design and construction of 2x1500 MVA, 765/400 kV Substation with associated systems
3 Bikaner, Rajasthan	765 kV Substation	Design and construction of STATCOM installations and associated infrastructure
4 Lucknow (UP)	400 kV Substation and STATCOM Installation	Design and construction of 220/132/33 kV GIS Substations at various locations
5 Nalagarh (HP)	400 kV Substation and STATCOM Installation	Design and construction of 220/132/33 kV GIS Substations at various locations
6 Gwalior (MP)	400 kV Substation and STATCOM Installation	Design and construction of Substation Package-NAG-SS-01 under NER Power System Improvement Project
7 Assam	220 kV GIS Substation	Design, engineering, manufacture, testing, supply, and commissioning of GIS substations
8 Meghalaya	220 kV GIS Substation	Supply and service contract for the establishment of 765/400 kV GIS substation
9 Longnak and Longleng, Nagaland	132/33 kV Substation	Establishment of new 2X500MVA, 400/220 kV Substation under GOA Tamarar Transmission Project
10 Guwahati	132/33 kV GIS Substation	Turnkey contract for supply and construction of New/Augmentation of 33kV/11kV/LT lines
11 Gujarat	765 kV GIS Substation	Construction of 33/11 kV substations and distribution lines on a turnkey basis
12 Goa	400 kV Substation	Turnkey Rural Electrification works under Deen Dayal Upadhyaya Gram Jyoti Yojna (DDUGJY)
13 Tripura	Distribution System Improvement	
14 Jammu & Kashmir	Distribution Project	
15 Jharkhand	Rural Electrification	

#### International

Country	Project Description	Scope of Work
Uganda	132 KV double circuit Mbarara-Nkendao transmission line	Design, supply and erection of the transmission line and associated substations spanning 160 km for Uganda Electricity Transmission Company Limited
Afghanistan	500 KV Substation for Afghanistan Breshna Sherkat (DABS), Kabul	Design, supply, and construction of a 500 KV Substation, including HVDC Back-to-Back Voltage Source 500 MW converter station at Dashte Alwan
Togo	161kV transmission lines linking Kara, Mango, Dapaong, Mandouri, and Togo-Bénin border	Construction of transmission lines and associated substations, including extension of Kara substation and new 161/20kV substation at Mango

#### Contracts with MCA-Nepal

We have secured two contracts from the Millennium Challenge Account (MCA) Nepal for the construction of the following substations:

**400/220kV**

Substation at Ramate

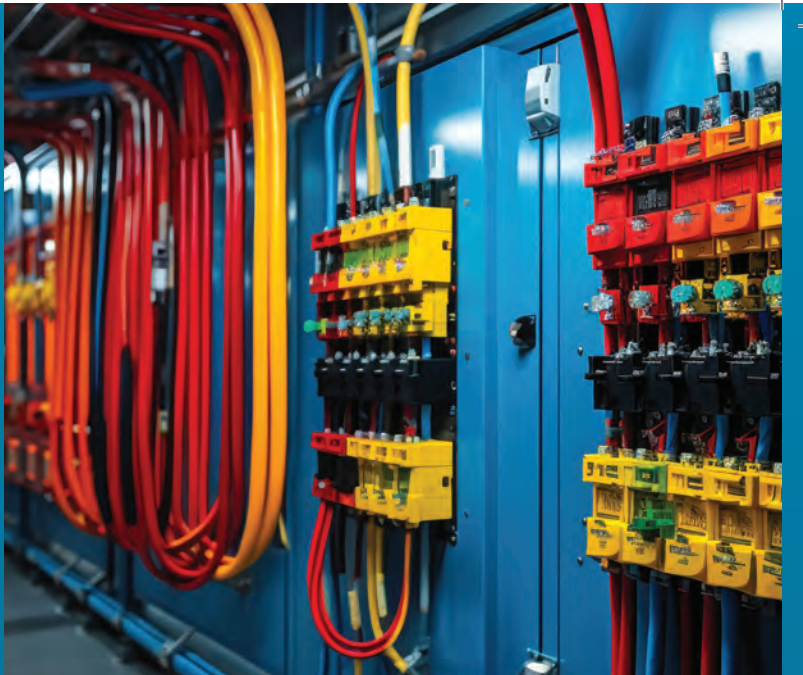
**400kV**

Substation at New Damauli

These projects are part of a larger initiative funded by the Millennium Challenge Corporation (MCC) to enhance Nepal's electricity grid, improve electricity reliability, and facilitate cross-border power trade with India.

# Transmission and Distribution Infrastructure Assets

To enhance **energy efficiency** and **optimise grid management**, we offer advanced solutions, including smart metering and future-ready transmission and distribution infrastructure.



## Advanced Metering Infrastructure (AMI) or Smart Metering

As a leading name in Advanced Metering Infrastructure (AMI), we play a significant role in empowering the nation to effectively manage its electricity consumption through implementation of advanced technologies such as AI and data analytics for improved system monitoring.

- **Jammu and Kashmir - Prime Minister's Development Programme**
  - Installation of 1.27 lakhs Smart meters, AMI Infrastructure, and Data/Disaster Recovery Centres
- **Jammu and Kashmir - DBFOOT Model**
  - Installation of 2.5 lakhs Consumer and System Smart Meters along with Operation and Maintenance for 10 years

- **Project**
- **Scope of Work**

## New AMI Projects

- **Tripura State Electricity Corporation Limited**
  - Install 427,013 smart meters with a value of ₹445 crores from June 2024 to June 2034 for TSECL
- **M.P. Paschim Kshetra Vidhut Vitran Co. Ltd.**
  - Install 553,013 smart meters with a value of ₹633.24 crores from December 2023 to December 2033 for MPPKVVCL
- **Jharkhand Bijli Vitran Nigam Limited**
  - Install 533,733 smart meters with a value of ₹662.53 crores from June 2024 to June 2034 for JBVNL
- **Jammu & Kashmir**
  - Install 727,584 smart meters with a value of ₹1,041.27 crores from June 2024 to June 2034 for RECPDCL

## Total Scope

Four contracts for a total of **2.2 million units** smart meters installation worth

**₹2,612 Crores**

## Way Forward

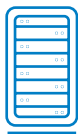
With the smart metering sector projected to exceed US\$2.5 billion by 2025 and an annual growth rate of 15%, we are witnessing the emergence of a new era in energy management. This growth is driven by proactive government policies and an increasing recognition of smart metering's vital role in creating a sustainable energy future.

As a key partner in the government's Smart Meter National Programme and the Revamped Distribution Sector Scheme (RDSS), we are actively contributing to the goal of deploying 10 million smart meters by 2025. This initiative is not just about new technology; it is about transforming energy distribution, monitoring, and consumption across the nation. Our cutting-edge Advanced Metering Infrastructure (AMI) solutions reduce distribution losses, enhance grid reliability, and provide insights into energy usage patterns. These solutions create an intelligent network for real-time monitoring, predictive maintenance, and dynamic load management.

The impact of our work extends beyond technology. Each smart meter deployed is a step toward a sustainable future, reducing carbon emissions and improving resource utilisation. As India advances toward energy modernisation, we remain committed to being innovators and enablers of change.

# Data Centre Projects

In our pursuit of creating next-generation data centres, we align our efforts with common goals encompassing **maximum uptime, reliability, sustainability,** and environmental friendliness. Our mission aims to establish data centres with a cumulative capacity of **250 MW** by FY30.



## Capabilities

We are building the heartbeat of tomorrow's digital world - data centres that do not just store information, but embody excellence. Our vision goes beyond servers and circuits; we are creating digital fortresses that deliver unwavering uptime while treading lightly on our planet.

By 2030, we will power 250 MW worth of dreams, innovations, and breakthroughs - all while championing a greener future. Because we believe the backbone of the digital revolution must also be a catalyst for environmental stewardship. This is not just about building data centres - it is about architecting a future where technology and sustainability work in perfect harmony.



## Vision

Enable every individual with access to the latest technology by delivering equitable and accessible digital infrastructure.



## Mission

To develop a robust, compelling and sustainable network of Edge Data Centres, seamlessly interconnected with Hyperscale Data Centres across the nation.

## Contract with RailTel

We have secured a contract with RailTel Corporation of India Ltd, a "Navaratna" PSU under Indian Railways, to establish edge data centres in 102 cities over the next five years. Positioned near railway stations, these centres will enhance digital connectivity and promote digital services in rural and semi-urban areas, driving India's digital economy. These data centres will support applications with low latency and high bandwidth needs, including digital skills, financial inclusion, digital literacy, health, AI/AR, IoT, content delivery, and cloud gaming.

### Chennai Data Centre

- 25,000 sqm built-up area, 2,408 racks (36 MW)
- Tier 3 design, water-cooled data centre with Adiabatic cooling towers, BESS enabled backup of 8 minutes, USGBC LEED Certified, 25% green space,
- Best-in-class PUE of 1.36, achieving WUE of 0.012 KL/KW, achieving CUE of 0.02 kg CO<sub>2</sub>/kwh

### EDGE Data Centre

- Distributed network of data centres across 102 cities
- These services will be spread across 23 out of 28 states in India, serving 40% of the population at just millisecond latency, enabling our customers to reach 515 million people

### Kolkata Data Centre

- Up to 20 MW capacity
- Leveraging downstream benefits from upcoming cable landing station in Digha. This facility will be a significant addition to the region's digital infrastructure

## Way Forward

As India stands on the cusp of its greatest digital transformation, at Techno, we have a vision to transform the data centre infrastructure by laying the digital foundations to empower a billion dreams. With a clear roadmap, we are establishing cutting-edge data centres across India's digital corridors, bringing global-grade computing power to every corner of our nation. Over the next five years, we will transform India's digital landscape with strategic investments in next-gen data centres, driven by advanced technology and our commitment to excellence.

### Our Data Centre Vision

FY 2024-25	FY 2026-27	FY 2025-29
Data Centre in Chennai with 36 MW Capacity	Data Centre in Kolkata with 20 MW capacity	102 Edge Data Centres in Strategic Partnership with RailTel Corporation of India



# Impact Beyond Business

As a responsible corporate entity, we have embarked on a transformative sustainability journey, integrating Environmental, Social, and Governance (ESG) principles into our corporate strategy. We aim to contribute significantly to societal betterment and environmental well-being through various ESG initiatives.

## ESG Focus Areas

### Environmental Stewardship

#### Adopting Clean Energy Practices

Investing in and transitioning towards clean energy sources to minimise our ecological footprint.

#### Mitigating Scope 2 and 3 GHG Emissions

Implementing strategies to reduce indirect emissions associated with our activities and supply chain.

#### Advancing Energy Efficiency

Innovating and adopting smarter approaches to enhance energy efficiency across our operations.

#### Championing Resource Efficiency

Developing a comprehensive plan to minimise waste creation and optimise resource usage.

#### Promoting Proper Waste Treatment and Disposal

Implementing responsible waste management practices to minimise our environmental impact.

#### Monitoring and Reducing Water Consumption

Leveraging smart technologies to track and reduce water consumption throughout our operations.

### Social Impact

#### Communities

##### Overall Empowerment

Our commitment to social responsibility extends to uplifting communities through targeted interventions in healthcare, education, and infrastructure development:

##### Investing in Community Well-being

Channeling resources into healthcare, education, and infrastructure projects to enhance overall welfare.

#### People

##### Ensuring Robust Health and Safety Standards

Prioritising the well-being of our workforce through rigorous health and safety measures.

##### Fostering Training, Skill Development, and Diversity

Providing opportunities for continuous learning, skill development, and promoting diversity.

##### Cultivating Talent Development and Retention

Creating an environment conducive to talent growth and long-term commitment.

### Governance Excellence

#### Upholding Ethical Corporate

Governance Adhering to the highest standards of corporate governance, ensuring transparency and ethical practices.

#### Ethical Business Conduct

Complying with all statutory laws and regulations, conducting business in an ethical manner.

#### Implementing ESG Risk Assessment Framework

Assessing ESG risks associated with suppliers and new investments to ensure alignment with sustainability goals.

#### Enhancing Tax Transparency

Striving for transparency in tax practices to align with our commitment to ethical and responsible business conduct.

# Corporate Social Responsibility

Businesses can make significant impact on society through their CSR initiatives. We are committed to uplifting communities and contributing to their well-being through targeted programmes spanning areas such as education, healthcare, food, art, culture and women empowerment, aimed at making a positive and lasting impact.

## CSR Focus Areas



### Education

Supporting quality education and skill development for underprivileged children.



### Healthcare

Providing medical assistance and enhancing access to healthcare services.



### Rural Development

Building infrastructure to support rural progress and improve living conditions.



### NGOs or Implementation Partners

We collaborate with various NGOs and implementation partners to design and execute impactful programmes that empower communities and address their specific needs.

IIM Ahmedabad

Kailash Satyarthi Children’s Foundation

Robin Hood Army

Antara Psychiatric Hospital and Rehabilitation Centre

Central Chinmaya Mission

Vivekananda Vidyavikash Parishad

Lions Club International

Friends of Tribal Society

Rotary Club of Delhi

Akshay Patra Foundation



# Key Clientele

## Strong Relationships



## International Clients



## Domestic Clients



# Awards and Recognition

**2024**

**British Safety Council**

Best Health, Safety & Environment  
Management for the Techno Data  
Centre Project



**2018**

**Jharkhand Bijli Vitran  
Nigam Ltd.**

100% Electrification in  
Dhanbad District



**2016**

**Institution of Engineers (India)**

IEI Industry Excellence Award for  
Demonstrating the Highest Order of  
Business Excellence



**2023**

**Kerala State Electricity  
Board Limited**

Excellence in Construction of 220kV  
GIS Station at Thalassery



**2018**

**NTPC**

Best HSE Performance at Kudgi Site



**2016-2013**

**Power Grid Corporation**

Best Performance & Safety Awards



**2022**

**Kerala State Electricity  
Board Limited**

Timely Completion of 220kV GIS  
Substation Kunnakulam-III



**2018**

**Power Grid Corporation of  
India Limited (PGCIL)**

Best Player in 765 KV AIS Substation  
Construction in India



**2014**

**Ministry of Power**

National Award for Meritorious  
Performance in the Power Sector



**2021**

**Kerala State  
Electricity Board**

Completion of 400 KV Bay Extension  
Works at Madakathara



**2016**

**North Bihar Power Distribution  
Co. Ltd. and Bihar State Power  
(Holding) Company Limited**

Certificate of Appreciation



**2008**

**Forbes**

Best Under a Billion: Top 200 Small and  
Mid-Cap Companies





**Techno Electric & Engineering Company Limited**

**Corporate office**

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Kolkata - 700 016