

# CATALOGUE

Transforming Vision into Voltage

# About Us

We are an **ISO 45001 : 2018, 14001 : 2015** and **ISO 9001 : 2015** certified manufacturer of Electrical Transformers up to 15 MVA 33kV class.

Our organization is BIS certified having a production capacity of over 240 MVA per annum spread over an area of 30,000 Sq. Ft. located in West Bengal , India.

Founded on the principles of integrity and innovation, we have grown to become a market leader in specialized transformers. Our journey has been marked by a relentless pursuit of excellence and we are committed to meet the evolving demand of the T&D energy sector.



**Solid Engineering  
Solutions**



# Our Journey

We started with limited resources and our early days were driven by long hours, uncertainties & constant hustle. However, along with our team we have been able to deliver value to our customers & have achieved 16X growth since we started in 2011.

**Solid Engineering**  
Solutions





As a leading manufacturer of high-quality transformers, we are committed to deliver **reliable, efficient, and sustainable** solutions that power the world forward.





Trust in our technology to safeguard  
your operations and reduce downtime,  
giving you **peace of mind** for years to come.

# Why Choose Us ?



**ENERGY EFFICIENT**



**INNOVATIVE SOLUTION**



**SOLID INDUSTRY  
REPUTATION**



**CUSTOMER SUPPORT**





# Product Range



**3 Phase Power Transformer**

**5MVA to 15 MVA**

Up to 33 KV Class



**Neutral Earthing Transformer**

**1500 A FAULT CURRENT**

Up to 33 KV Class



**3 Phase Distribution Transformer**

**1 MVA to 2.5 MVA**

Up to 33 KV Class



**Dry Type (VPI)**

**10 KVA to 1000 KVA**

Upto 11 KV class



**3 Phase Distribution Transformer**

**10 KVA to 1000 KVA**

Up to 33 KV Class



**Arc Furnace Transformer**

**1 MVA to 15 MVA**

Up to 33 KV Class



**Compact Substation**

**10 KVA to 1000 KVA**

DRY TYPE (VPI)



**Special Duty Transformer**

**500 KVA to 12.5 MVA**

Up to 33 KV Class



# In-house Testing Lab

**NABL** calibrated testing equipments for electrical transformers up to 15,000 KVA 33000V.

Transformers Type Tested from **CPRI & ERDA** as per latest IS & IEC standards.



# In-house Tank Manufacturing facility

State of the art facility to manufacture & test transformer tanks as per IS & IEC standards.

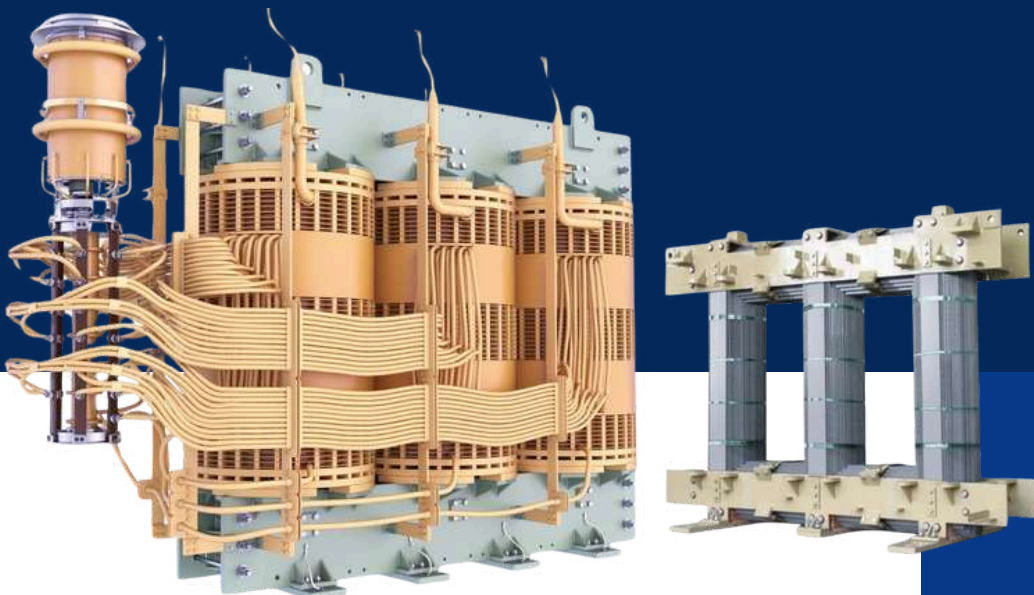




# In-house **PICC** manufacturing facility

We are the only transformer manufacturer in eastern India to have an in-house PICC ( Paper Insulated Copper Conductor) manufacturing plant.

The captive consumption from our PICC plant helps us reduce **lead time & provides cost optimization over our peers.**



## **Core Coil Assembly**

We specialize in the precise core & coil assembly process, ensuring exceptional performance and reliability in every transformer.

**Solid Engineering**  
Solutions

# Neutral Grounding Transformers

Neutral grounding transformer (NGT) also known as Earthing Transformer, is an electrical device used to

- Provide a grounding path
- Limit Fault Currents
- Stabilize system voltage

It is generally a **ZIG-ZAG** type transformer designed to provide a path for zero-sequence currents without creating significant impedance for the power system's normal operations.





# LT Transformers



LT Transformer, also known as Station Service Transformer is a specialized electrical device used to supply power for the auxiliary needs of the substation. We have the highest market share in supply of Station Service Transformers in India.



# GOVERNMENT / POWER UTILITIES

## Customer List



TELANGANA VIDYUT SHAKTI



BSPTCL





# EPC TURNKEY CONTRACTORS

# Customer List



TECHNO ELECTRIC &  
ENGINEERING CO. LTD.



KALPA-TARU<sup>®</sup>



SIEMENS



**VOLTAS**



**TATA HOUSING**

# Milestones

2011 : Company  
Incorporated

2016 : Successfully completed  
type test of **33KV Earthing  
Transformer** for WBSETCL

2024 : Received approval  
from **PGCIL**

2023 : Successfully commissioned our  
2nd unit for manufacturing **Power  
transformers** at Howrah, West Bengal.

2013 : Successfully completed  
Type Test of **33KV Station Service  
Transformers** for WBSEDCL





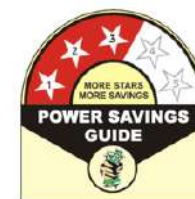
# Certifications



## Type Tested From



## Approvals & Licenses



## EXPORTING WORLDWIDE



**Corporate Office :** EM3 Bengal Eco Intelligent  
Park Unit 11 , 15th floor, Sector V, Salt Lake  
Kolkata 700091, West Bengal, India

**Works Address 1 :** Ganesh Complex, NH6  
Bombay Road, Panchla, PO Raghudevapur,  
Uluberia, Howrah 711322, West Bengal, India

**Works Address 2 :** Budge Budge Trunk  
Road, Chakmir, Maheshtala  
Kolkata 700142, West Bengal, India



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