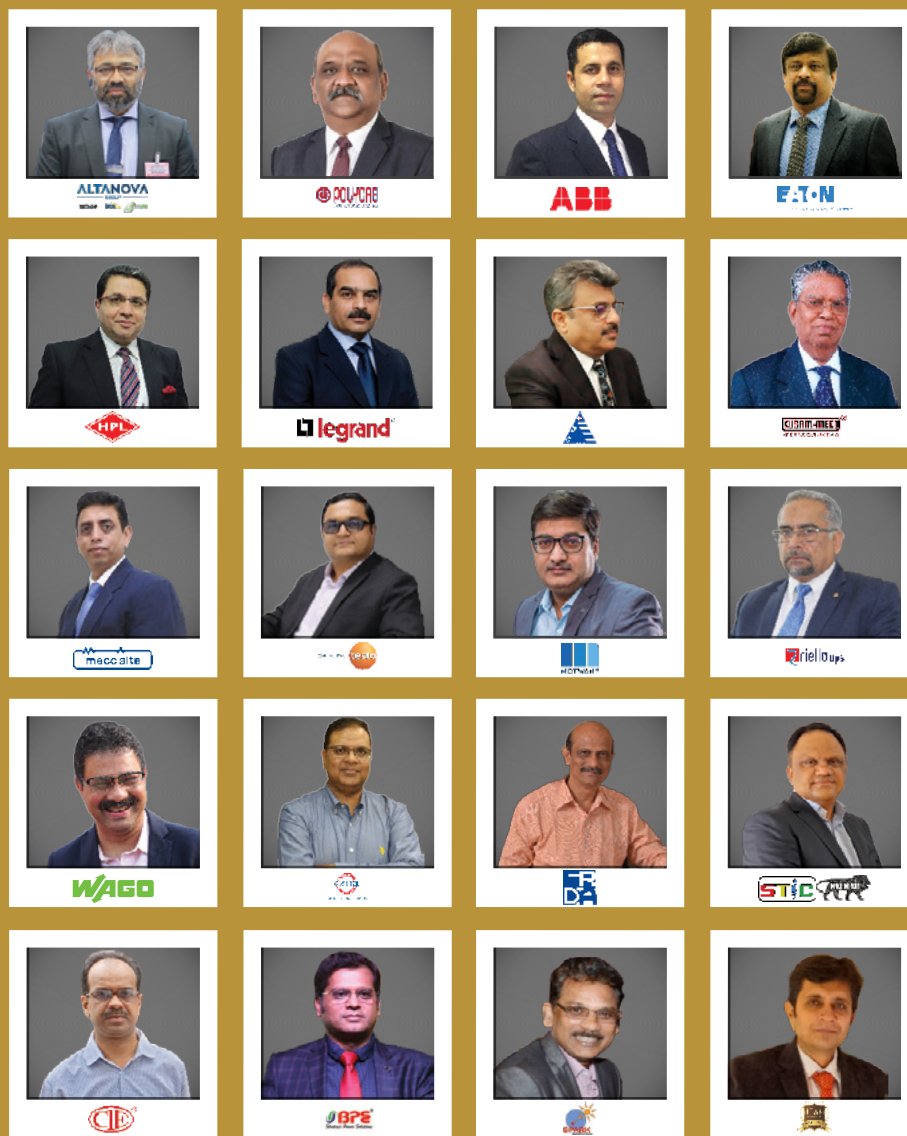


# ELECTRICAL MIRROR

An outlook of the electrical & power industry

[www.electricalmirror.net](http://www.electricalmirror.net)

English.Monthly.Date of Publication 5<sup>th</sup> of Every Month



Cover Story

Transformer

INSIDE

- ★ Testing & Measuring
- ★ Renewable Energy
- ★ Wire & Cables
- ★ Gensets

- ★ Case Study of the Month
- ★ Sub-station Automation
- ★ Lightning Protection
- ★ Earthing





# SHRIPAT TECH-INNOVATION CORPORATION

Each & Every Connection Contributes; Make them Reliable with us

EMAIL: sales@shripat-india.com, shripat2018@gmail.com

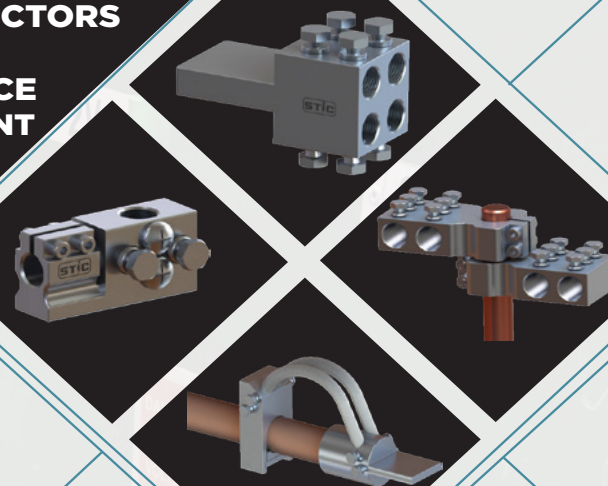
## TUSKER

A new smart generation of transformer terminals

## POWERKON

An innovative series of T&D substation connectors

### EXTENSION OF SERVICE LIFE OF ELECTRICAL EQUIPMENTS & CABLES/CONDUCTORS WITH PERFORMANCE ENHANCEMENT



**PATENT  
PENDING**

- ROBUST, HIGH AMPACITY, COMPACT ENGINEERED DESIGNS
- ENERGY EFFICIENT, LOW LOSSES, POWER SAVING SOLUTIONS
- O&M FRIENDLY, MAINTENANCE FREE PRODUCTS
- PROVEN, TESTED WITH TWO YEARS WARRANTY
- CERTIFIED TO LATEST STANDARD IS-5561:2018
- ECONOMICAL PRICES & ROI WITHIN A YEAR

INCREASED RELIABILITY - FIT & FORGET,

INCREASED REVENUE - AVOID BREAKDOWNS

INCREASED SAVINGS - MINIMIZE I<sup>2</sup>R LOSSES

**We are looking for  
State-wise dealers / sub-dealers**

#### TYPE TESTED



#### NEW SOLUTIONS PROVEN & CERTIFIED AT PROGRESSIVE UTILITIES & MAJOR OEMS



**TOSHIBA**  
Leading Innovation >>>



MADHYA PRADESH MADHYA KSHETRA  
VIDYUT VITARAN COMPANY LTD.

**adani**  
Electricity



**WIND WORLD**  
Clean Energy Forever

**Kanpur Electricity Supply  
Company Limited**  
A GOVERNMENT OF U.P. UNDERTAKING

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**Shripat Tech-Innovation Corporation, India is an ISO 9001-2015 certified Innovative Company engaged in Conceptualize, Design, Develop, Manufacture & Supply of various type of Specialized Electrical Connection Systems, Clamping products and customized solutions for Utilities, OEMs, Solar etc....**



**SHRINIVAS B. SHRIPAT**

**FOUNDER**

**SHRIPAT TECH-INNOVATION CORPORATION**

*"Electrical Connection Experts"*



## Q. Please enlighten us about the journey of Shripat Tech Innovation Corporation.

STIC Journey Started on 12<sup>th</sup> June – 2018 to cater CONNECT, CLAMP, PROTECT & MONITOR requirements of power sector, with optimistic belief that things are positive & will continue to be encouraging to us. We have experienced many unexpected positives & negatives in the past 3 years. However, we strongly kept ourselves into continuous improvement mode wherever possible. In Product front, we follow FIT, FORM, FUNCTION rules with customer delight factors like COMPACT FOOTPRINTS, LIGHT WEIGHT, ROBUST DESIGNS, EASY O&M etc.

We guarantee that our products will perform best at worst conditions with actual site installations, which has gained faith & confidence from user group. Our friends became our customers and some of our customers also became our friends which made our journey more interesting. We got new product approvals & orders from major customers like ADANI, TOSHIBA T&D, MPMKVCL, BESCOM, PSTCL, ACME, BMRL, OPG POWER, WINDWORLD and many more customers are major part of our journey till now. We are continuously looking for breakthrough opportunities in coming months.

## Q. How has the second wave of Covid-19 affected the electrical power industry?

The major setback is "Unexpected Rise in Raw Material Prices" which our industry is facing during & after second wave of COVID and on the other hand, price reduction pressures from customers. The situations are very challenging and it's difficult to handle this opposite trend. The low acceptability of new products in the Power Sector is also a concern, as major industries including utilities are trying to keep expenses at minimum due to reduction in their revenues.

## Q. What are the different products in your product list? Have you launched any new product recently?

We have various products which cater our theme of "Connect, Clamp, Protect & Monitor".

**Till now, we have following major products categories,**

1. TUSKER : A New Generation of Transformers Terminals – Patent Filed
2. KANGARU : Insulated Jumper Assembly – for MV & HV Lines
3. EASYCON : Shear Bolted Connectors – Complete Range 10-1000mm<sup>2</sup>
4. MVCC & LVABC Accessories
5. INSULATION Products
6. Solar IDT Transformer Terminals for Multi-Cable Connections

### NEW PRODUCTS:

Recently we have launched "POWERKON – Substation Connectors upto 400KV" and got 1st breakthrough at PSTCL for 220KV Circuit Breaker and Disconnector terminals and received one more order from major OEM for 66KV Power Transformer Connectors. We are expecting more orders for 400KV Equipment Terminals from major Generation Plant. POWERKON also include SMARTY, which is A WIRELESS COMMUNICABLE CONNECTOR with integrated temperature sensor. This product is under

final qualification stage.

## Q. Could you brief us about the performance of STIC and about the overall performance of the industry?

At initial stages, STIC was engaged in identifying issues of customers and then proposing the potential solutions. This approach has helped us to enter other energy segments like SOLAR, WIND, OEMs etc. The customers are looking for new products at economical price, which is a big challenge for us. Hence, we have taken cost reduction initiatives by optimizing the design and investing in improved manufacturing process.

We are working towards execution of orders as early as possible (ex-stock for some products), so that new orders can be served with best lead times. Major utilities have approved STIC make for our strongest positive approach - "Concept-to-Service under one-roof". We have provided many applicable and proven solutions to various issues of customer e.g. Special Terminal for Switch Fuse Unit at ADANI Electricity, Mumbai.

## Q. What are some of the new and promising technology trends that are shaping the Indian electrical equipment industry?

Trend is to produce Energy Efficient products to reduce environmental footprints and to initiate energy savings. Power sector is witnessing many technological changes such as IoT - Wireless Based Smart Technologies which are giving Real-Time Live Parameters, Bigdata Analysis Process, Predictive Data and many more updates. All these New Technologies will need smart equipment as well as smart components also which is a new trendsetter for electrical equipment industry.

## Q. How are government policies influencing the power & energy sector?

Recent government policies are supporting infrastructure growth. As part of this, new policies allows 100% FDI in power sector which has boosted the FDI INFLOW. The schemes such as DDUVGJY, IPDS, SAUBHAGYA are expected to augment the electrification across the country, which in-turn will provide a much required boost to electrical equipment/component industry.

## Q. How STIC is transforming itself to cater to the emerging needs of the Indian market?

STIC is already into energy efficient connectors which is the need of hour. Also, we have developed I-IoT Based Solution SMARTY which is a smart communicable connector with in-built temperature sensor. We have further plans to develop more smart components for smart equipment which will be a part of smart grid trend.

## Q. What will be the outlook of Indian Electrical industry in coming quarters?

Considering announcement in recent budget and expected increase in power demand, our industry is looking forward to strengthen the electrical infrastructure and increased renewable's share in the power generation matrix. In coming months, new power projects are expected to kick-start with bidding process. 