



Power & Distribution Transformer Solutions



A unit of **Sudarshan** Shiv Shakti Electricals



Since 1987

We trace our origins to one of the earliest transformer manufacturing and repair units in **Punjab**, with nearly four decades of uninterrupted operations. Our journey reflects deep field experience, generational knowledge, and a long-standing commitment to engineering excellence and institutional trust.





Dr. S.K. Aggarwal
Founder, Shiv Shakti Electricals

Our Legacy

Founded on Principles. Built with Purpose.

Our founder, **Dr. Sudarshan Kumar Aggarwal**, established Shiv Shakti Electricals with one unwavering belief:
work done honestly will always outlast work done quickly.

Over the years, that belief has powered:

- Over 100,000 transformers supplied and performing reliably
- Decades-long partnerships with PSPCL and key industry vendors.
- A reputation for transparent operations and sincere service

Today, STELOR proudly carries that legacy forward with renewed vision and precision.



Message from Leadership

“*We are trusted not because we promise the most but because we deliver exactly what we commit, every time.*”

We successfully participated in and fulfilled **50+ government tenders**, consistently meeting stringent technical, quality, and delivery benchmarks.

Our long-standing association with public utilities and institutional clients is built on:

- Transparent compliance
- Timely execution
- Zero compromise on specifications
- Ethical business conduct



**Mrs. Santosh Aggarwal
(CMD)**



**Dr. Arpita Aggarwal
(CEO)**

Our Scale & Infrastructure

One of the largest fully operational transformer units in North India

One of the Largest Transformer Facilities in Punjab, Stelor operates from a fully functional manufacturing and service facility spread across **80,000 square feet**, making it one of the largest transformer units in Punjab.

This scale enables:

- High-volume production
- Parallel execution of manufacturing and repair projects
- Robust quality control at every stage
- On-time delivery even for large and time-sensitive orders

Our infrastructure is designed not just for capacity, but for precision and process discipline.





Vendor Partnerships & Reliability

Your Reliable Partner in Power Solutions

We view vendors not just as clients but as partners in progress. Our vendor relationships are grounded in mutual trust, transparent processes, and consistent performance.

We ensure:

- **On-time manufacturing and delivery schedules**
- **Clear documentation and compliance with all standards**
- **Dedicated vendor support for installation and maintenance**

Our commitment to honest work ensures seamless coordination across procurement cycles and project lifecycles.



Product Portfolio

Distribution Transformers (6.3 to 2000 kVA)



- CRGO & amorphous core design with copper/aluminium windings
- Oil-filled, ONAN cooling for high efficiency
- Applications: Residential, industrial, and rural networks

Power & Special Purpose Transformers



- Furnace, isolation, and earthing transformers
- Renewable energy duty variants
- Designed for thermal and harmonic endurance
- OLTC Transformers

Dry-Type Transformers



- Cast Resin and VPI/VPE configurations
- Ideal for indoor and fire-sensitive environments

Compact Substations (CSS)



- Integrated HT/LT panels for urban infrastructure and smart grids

All units are manufactured and serviced in-house to ensure consistent quality and dependable delivery.



Engineering & Design Excellence

Precision Engineering. Proven Performance.

Our transformers are designed using advanced simulation tools and precision engineering methodologies. Each design undergoes multi-stage validation to ensure reliability and performance in demanding conditions.

- Optimized core and winding configurations
- Controlled temperature and energy efficiency
- Customized engineering per vendor requirements

Every transformer reflects our principle:
engineering built on honesty delivers enduring reliability.





In-house Facility

Diverse Offerings. Same Quality.



All key manufacturing and testing activities are handled in-house for better coordination and timely execution. Our facility includes:

- Core slitting unit
- Winding machines (HT & LT)
- Oil filter plant
- Drying ovens
- Oil storage tanks with a capacity of **50,000 litres**
- Loading cranes
- Dedicated testing yard with capacity for **500+ units**
- Digital generator set

Testing lab with all facilities

- Testing lab with all facilities, equipped with High Voltage and High Current equipment
- All tests according to PSPCL specifications
- As per **IS 1180: 2014** with latest amendments



Quality & Testing

Built To Deliver. Tested To Last.

Among the **Lowest Warranty Return Rates** in the Industry

Our transformers consistently demonstrate exceptionally low warranty return rates, a result of:

- Strict material selection
- Stage-wise inspection protocols
- Proven manufacturing practices
- Conservative, reliability-first design philosophy

Every transformer that leaves our facility reflects in long-term, trouble-free performance in the field.





Refurbishment & Repair Services

Sustaining Value Through Expertise

We offer end-to-end transformer refurbishment and repair services to help vendors maximize lifecycle value.

Our services include:

- **Core rebuilding, rewinding, and tank repair**
- **Oil filtration and dehydration**
- **Final testing and recommissioning**

Each refurbishment project follows the same strict quality principles as our new builds – because honest work extends beyond manufacturing to aftercare.





AMC & Support Services

Lifecycle Support for Every Vendor Partner

Through our **Annual Maintenance Contracts (AMC)**, we provide continuous reliability assurance.

Services include:

- Preventive maintenance and diagnostics
- Oil testing and load analysis
- Emergency breakdown assistance

Our AMC services strengthen long-term vendor confidence and operational uptime.





Industries & Markets We Serve

Diverse Applications. Consistent Trust.

With more than **100,000 transformer units** manufactured, repaired, and supplied, We stand among the highest-volume transformer suppliers in the region.

These transformers continue to operate across:

- **Utility distribution networks**
- **Industrial facilities**
- **Commercial and institutional installations**
- **Rural and urban infrastructure**

This scale of deployment is a testament to sustained demand, repeat customers, and enduring trust.



Partner with **STELOR.**

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STELOR

Built on Legacy. Proven at Scale. Trusted in the Field.

