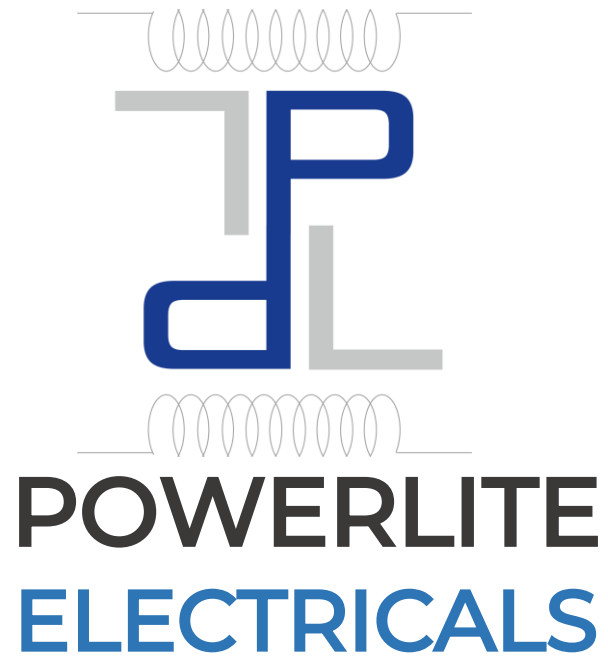


POWERLITE ELECTRICALS PRIVATE LIMITED

WE POWER THE WORLD



WE POWER THE WORLD



Vision

We want to set an ecosystem to strengthen our capabilities of Manufacturing, Repairing & servicing as a leader. Our motto is to satisfy valuable clients with our service facilities to meet client requirement with our products.

Mission

We not only want to satisfy our clients but to serve them our uniqueness which would also make us stand in this competitive market for them to "Value for Money".

BACKGROUND

Our journey began in 1982 as a proprietorship firm specializing in the repair and servicing of transformers. In 2002, we evolved into a manufacturer of medium and high-voltage transformers, securing a significant share in the Medium Range Distribution, high range Power and Solar Transformer markets. By 2007, we achieved a major milestone by introducing the manufacturing of packaged substations.

Today, with our state-of-the-art manufacturing facility at Spectrum Industrial Park, Kadi, we continue to be a trusted supplier to utilities, pharmaceutical, ceramics industries, multinationals, and local consultants. Since 2015, our ISO 9001 & ISO 14001 certifications have further reinforced our commitment to quality, enabling us to meet the stringent requirements of international markets. Our advanced infrastructure at Kadi ensures precision engineering, superior quality, and seamless scalability to serve evolving industry needs.





Design Capabilities

WE POWER THE WORLD

In a Recent years, We have executed a number of challenging design assignments for special transformers . The Successful design & production of these transformers were undertaken by qualified & experienced teams of design engineers who have excelled in offering customized solution. The Design process is carried out on an advanced inhouse engineering software's which facilitates quick executions of complex design.

Prestigious Assignments

POWER TRANSFORMER

We recently conducted a short-circuit dynamic withstand test on a 15 MVA, 66/11.55kV On-Load Tap Changer (OLTC) transformer for Gujarat Energy & Transmission Company Limited, along with all type tests, including full and chopped wave lightning impulse tests.

SPECIAL TRANSFORMER

We recently tested and supplied a 2 MVA, 11/2x0.690kV Off-Load Tap Changer Type Zig-Zag Transformer to M/s SSK Limited, a sugar mill in Pune, for their specialized application. The transformer was designed to meet their specific requirements and underwent rigorous testing to ensure reliability and compliance with industry standards before delivery.

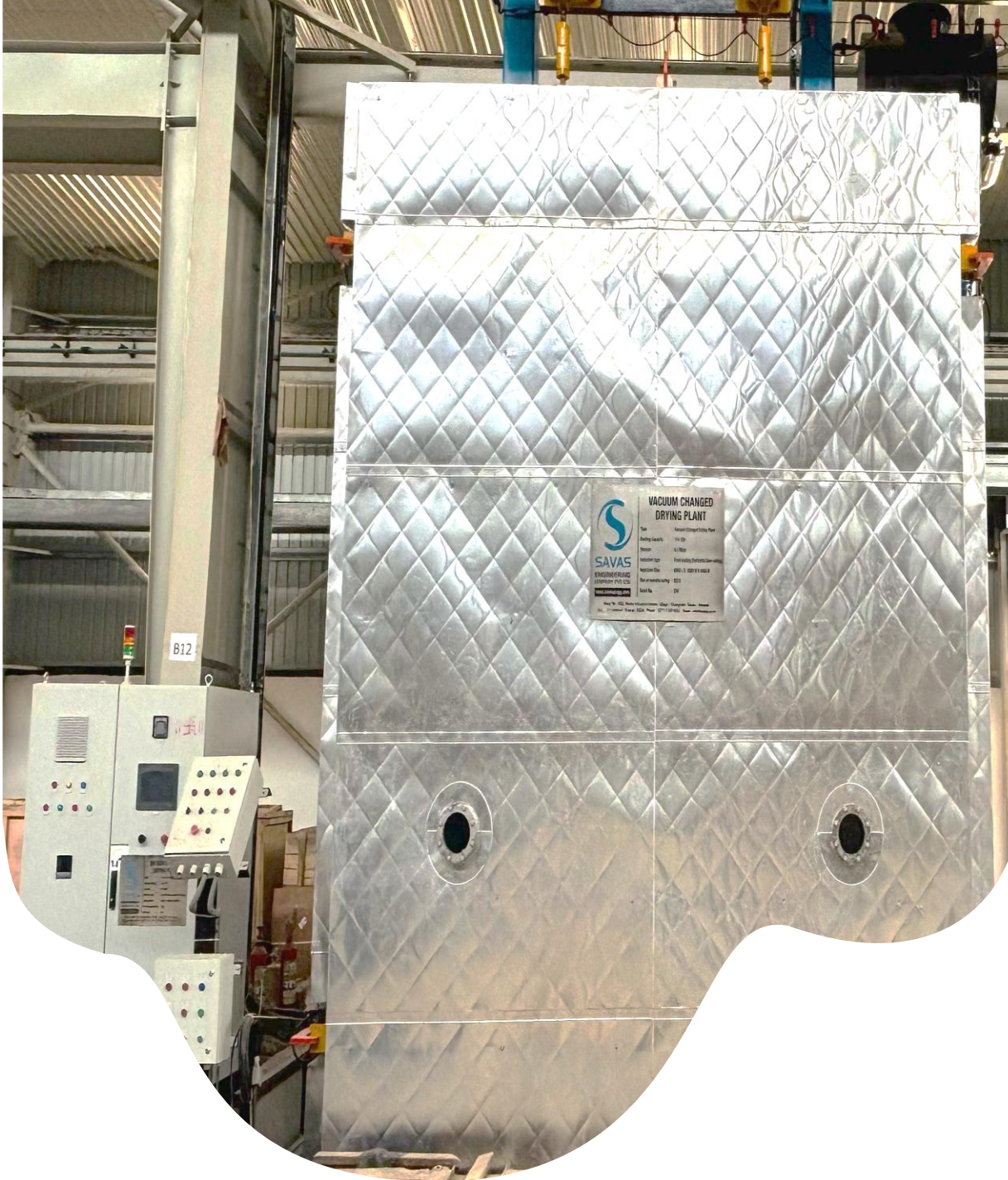
SKID MOUNTED PSS

We recently conducted a successful type test and supplied a 0.850 MVA, 11/0.800kV Off-Load Tap Changer Type Solar Inverter Duty (K4 Rated) Skid-Mounted Packaged Substation for a solar plant in Gujarat, marking its first deployment in the state.



Quality

- Quality is central to the performance & longevity of a transformer. At Powerlite Electricals Private Limited, the focus on quality begin with identification of Raw Materials , Regular Inspection, Testing and validation before it taken to the production.
- To create an excellent environment for production such as full equipped winding chambers, systematic core assembly process , indigenously developed and designed autoclaving process to ensure the creation of superior transformer which can measure up to the most rigid inspection checks and tests on sustainable basis.
- At Powerlite Electricals Private Limited, we believes in quality and always use superior grade for insulation called ABB Sigmacon 3.0 which is generally used in power transformers and special type of transformers.



Infrastructure

- Our state-of-the-art manufacturing facility is now located at Spectrum Industrial Park, Kadi, a key industrial hub. This advanced unit is equipped with all the necessary infrastructure to design, manufacture, and test transformers up to 200 MVA, 245kV Class, ensuring the highest standards of quality and reliability
- Otabu has certified our management systems, for their conformance to quality standards ISO 9001:2015, ISO 45001:2018, and BS OHSAS 14001:2015, which ensures the quality deliverables in terms of our products & services to our customers.
- Transformers designed, manufactured, repaired, and tested by us ranging from 250 KVA to 200 MVA (up to 220 kV class) are in successful operations throughout the length and breathe of India as well as in the cross the world.





Testing

- The Process of manufacturing and Repairing of transformer is critically depend on testing of raw materials, components and the final assembled products.
- Our facility is equipped with state-of-the-art testing capabilities to conduct all routine and special tests. We also have in-house infrastructure to perform temperature rise measurements on transformers up to **200 MVA**.
- Our advanced testing setup includes a **1400kV, 140kJ Impulse Generator** for high-voltage testing and a **Raytech Make Tan Delta testing kit**, which is used for specialized insulation testing, ensuring superior reliability and performance of our transformers.



Product Range

Distribution Transformers

- 250KVA , 11/0.433 & Above.
- Solar Inverter Duty Transformer
- Generator Transformer
- Converter Duty Transformer
- Pad Mount Transformer

Power Transformer up to 200 MVA, 245kV Class

- Generator Transformer
- Unit Auxiliary Transformer
- Station Auxiliary Transformer
- Power Transformer
- Auto Transformer
- Booster Transformer

Product Range

Furnace Transformers

- Arc Furnace Transformer
- Submerged Arc Furnace Transformer
- Induction Furnace Transformer
- DC Arc Furnace Transformer

Special Transformers

- Six Pulse Transformer with IPT
- Twelve Pulse Transformer with IPT
- Traction Transformer
- Earthing Transformer
- Earthing Reactor
- Booster Transformer



Product Range



Skid Mounted Packaged Sub - Station

- PowerLite Electricals' skid-mounted, prefabricated packaged substation provide permanent power solution for a Solar & Wind segments. Main benefits of Skid mounted packaged substations are Customers experience almost zero to low downtime, reduced risk and a simplified plug and play solution with our modular pre-designed units that are assembled and completely tested at the premises.
- skid mounted packaged substations are shipped in single pack model, configured to meet specific customer requirements and relevant standards.

Product Range

Packaged Sub-Station

- Compact Sub-Station (CSS/PSS) comprises of factory built sheet metal enclosure housing MV Switchgear, Transformer & LV Switchgear, and other site specific requirement.
- Space occupied by CSS will be only approx. 25% of the space required in case of open installment. CSS can be installed even in the basement & rooftop too.
- CSS answers many important consideration of aesthetics. safety, east and quick Installation.



Our Team



KINJAL PATEL
Managing Director

We have served our customers since 1982 with excellence we would carry it further with great care and also looking further to develop it through out India and also in outside countries.

**“Our Team is Our Strength and Our
Relation is Our Identity”**



MILIND SHAH
Chief Operating Officer

To be successful, you have to have your heart in your business, and your business in your heart. We are looking forward to developing our Business in other countries & also in different sectors. Our team is looking forward to it.



MIHIR PATEL
Chief Technology Officer

Growth is never by mere chance; it is the result of forces working together. We work as a Team and our work defines it better than our words. Our Team is our Strength and we together make the Company.

Global Customer



All India Institute Of Medical Sciences



Global Customer



Global Customer



HINDUSTAN ZINC



घर जैसी ही नमकीन

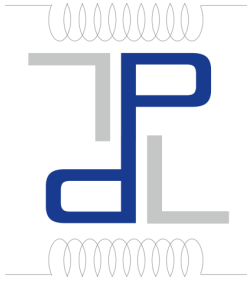


Red Bull



AVOCAB

WIRES & CABLES



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Thanks

