

INNO VAT ING THE POWER

POWERTECH
INDIA



ABOUT US

Power Tech India is 30 Years old Reputed company specializing in Manufacturing, Trading & Export of all Electrical Goods. Established in 1985, we are today amongst the top companies working in this field. We have approximately 30,000 Sq. Feet Manufacturing & Warehousing facility in Unit - 1 and 20,000 Sq. Feet Warehousing Facility in Unit -2, located in the heart of NCR.

We provide a huge basket of products under one roof to meet various project requirements. The company principally competes on the basis of product quality and performance, reliability of supply, timely delivery, customer service and price.

Our manufacturing facility is having state-of-art manufacturing facilities like latest CNC Based Shearing Machine & Bending Machine, Powder Coating, Busbar Machines, Plate Wiring & Assembly Shop.

Power Tech India has established a long term relationship with Electrical Companies like L&T, Crompton Greaves, Siemens, Schneider & ABB for its range of Medium & High Voltage items like VCB, RMU, Transformers, and other Substation Equipments.





Consistent with the vision and values of the founder Mr.Sunit Rai Agarwal, Power Tech India, strives to strengthen Electrical Industry's industrial base through effective utilization of staff and materials. The means envisaged to achieve this are latest technology and best supply chain management, consistent with modern management practices.

“Our Company recognizes that while honesty and integrity are essential ingredients of a strong and stable enterprise, profitability provides the main spark for economic activity. We are constantly undergoing product portfolio expansion and introducing newer technologies and equipment.”

- Rohan Agarwal



“The vision of our company is to be the ‘Leading independent player in the Power Distribution Business.’ This we wish to achieve through a two pronged approach of developing a portfolio of products of World's best brands, thereby being able to provide a differentiated product offering to our customers and extensive focus on operational excellence thereby improving internal efficiencies in the system”

- Raghav Agarwal

EEPCINDIA



OUTDOOR SUB-STATION



A Substation or Switchyard, is a part of an Electrical Protection & Distribution system. Substations transform voltage from high to low, or the reverse, or perform any of several other important functions.

We Supply & keep in stock Outdoor Substation items from 11 KV upto 145 KV having a whole range of items :-

- Outdoor SF6 Breaker / VCB – ABB, Siemens, CGL, Schneider
- Current Transformers
- Voltage Transformers
- Isolators – Manual & Motorised
- Lighting Arrester
- CRP & Transformers
- Battery Bank & Battery Charger
- GI Gantry Structure

Our Expert Team also provides Turnkey solutions can also be provided for Complete SITC of Substations upto 132 KV for various Private Clients like Cement Industries, Paper Mill, Steel Industries, Power Plants etc.



Outdoor SF6 Breaker / VCB



Current Transformers



Voltage Transformers



Isolators - Manual & Motorised



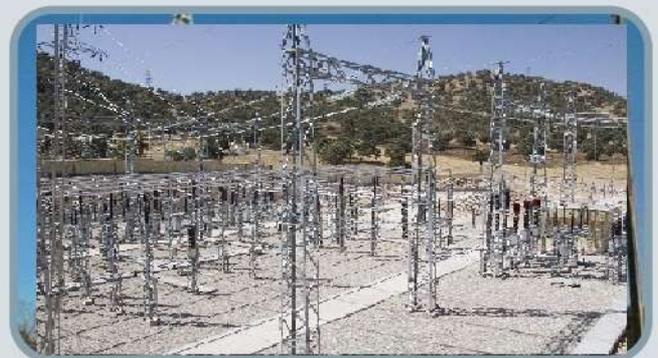
Lighting Arrester



Control & Relay Panels



Battery Bank & Battery Charger



CT, PT, LA & Other GI Gantry Structure

VACUUM CIRCUIT BREAKERS (HT PANELS)



A VCB panel is a type of circuit breaker where the arc quenching occurs in vacuum environment. VCB technology is ideal for medium voltage applications. Vacuum Circuit Breaker is renowned technology today and is also known as the most reliable current interruption technology for medium voltage switchgears.

| Item Name | Item Description | Brands Available |
|--|---|---|
| 11 KV VCB Panel – Indoor & Outdoor Type (Metal Clad) | Ratings : 800 Amps upto 2500 Amps | ABB, Crompton Greaves, Siemens, Schneider |
| 33 KV VCB Panel – Indoor & Outdoor Type (Metal Clad) | Ratings : 800 Amps upto 2000 Amps | ABB, Crompton Greaves, Siemens, Schneider |
| Porcelain Clad VCB – 11 KV & 33 KV | Outdoor Type, Porcelain Clad VCB with GI Gantry Structure | ABB, Crompton Greaves, Siemens, Schneider |

Our VCB Panels are designed based on 30 Years old experience in this segment. We keep in mind, its durability, operational safety, protections, client specific requirements and customizations.

We have developed a supply chain management in such a way, that more than 95% of our clients requirement's are fulfilled within 72 Hours of order placement, in case of standard orders.

12 KV Indoor VCB Panels



36 KV Indoor VCB Panels



Outdoor VCB Panels



LT PANELS

(LOW VOLTAGE PANELS)



We have complete in house facility for manufacturing of High Quality LV Panels and associated items.

Our group companies have complete type tested Panel from CPRI for 6300 Amps at 100kA Fault level and IP65 Enclosure ratings. Our Infrastructure has :

- **Designing** – Team of Expert Engineers & Autocad Designers for Load Calculations & designing
- **Fabrication** – CNC & Amada based Sheet Punching, Shearing & bending
- **Powder Coating** – In House, 9 Tank Powder Coating Process
- **Gasketing** – PU Gasketing
- **Busbar & Assembly** – Highly Equipped busbar, wiring & assembly Machines



| Item Name | Description |
|---------------------|--|
| PCC Panel | Power Control Centre is used for distribution and control of various power source used in an organization |
| MCC Panel | Motor Control Centre is various individual motor starters all powered from similar mains . |
| APFC Panel | Automatic Power Factor Control or APFC Panels are mainly used for the improvement of Power Factor. |
| Distribution Boards | A distribution board is a panel that divides an electrical power feed into subsidiary circuits, while providing a protective fuse or circuit breaker for each circuit in a common enclosure. |
| Rising Main | Rising Mains are a central bus bar system that enters the property - generally high rise flats and commercial buildings or hospitals etc - on the base floor and goes up to the floors to serve electricity to the areas that need power |

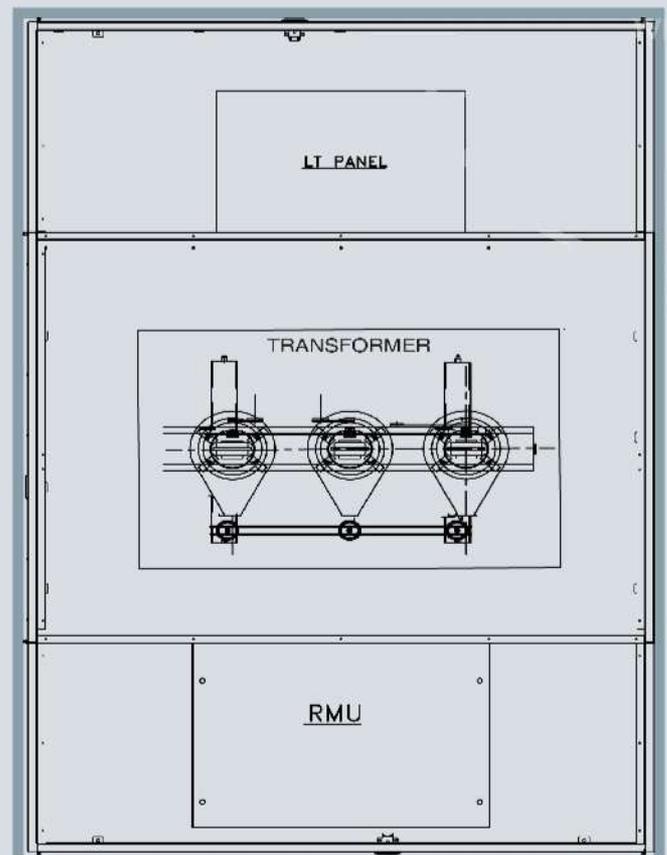


COMPACT SUBSTATIONS

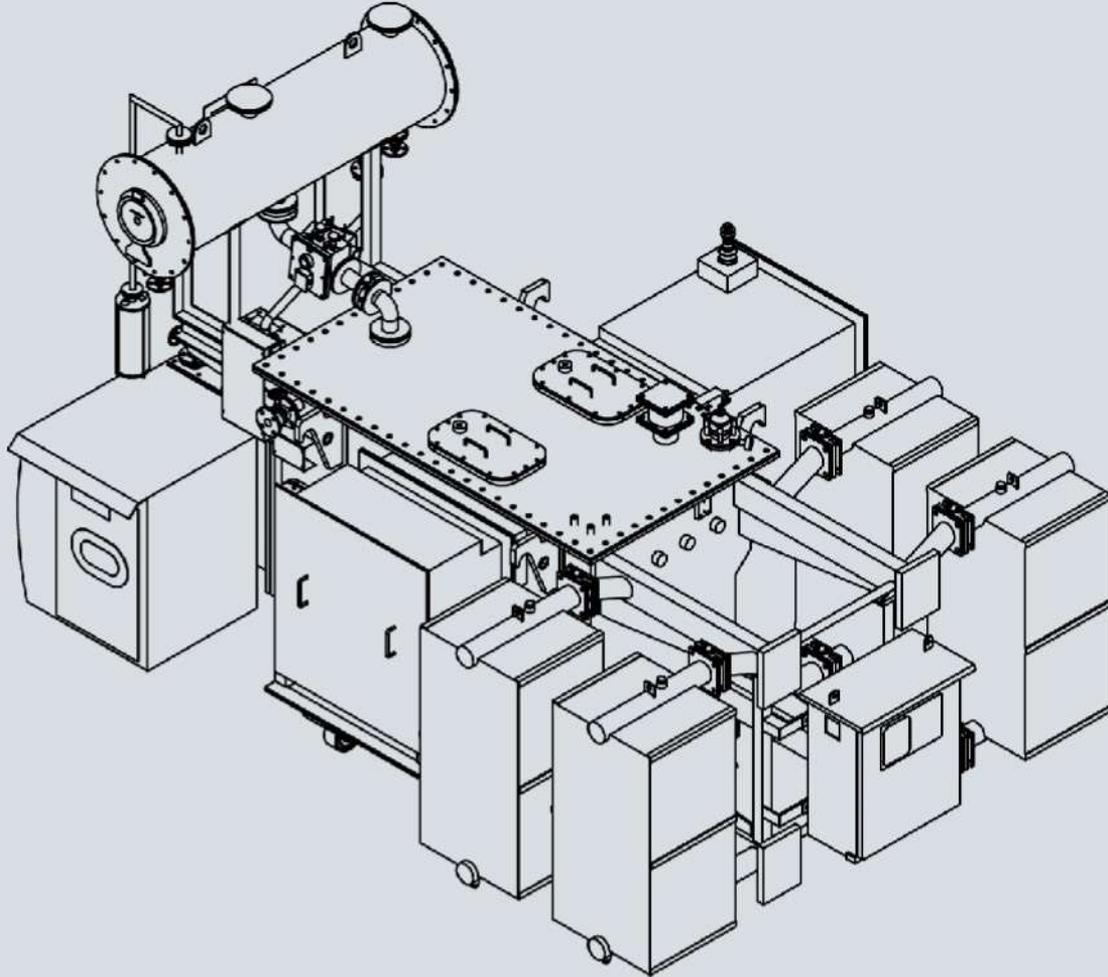


Compact Substation or Package Substation is a combined unit that consist of HT Switchgear (RMU or VCB), Transformer, LV Switchgear Panel consisting of MCCB or ACB along with all Interconnections i.e., HT Cable, LT Busduct, Earthing Arrangements

Our Company is manufacturing Compact Substations in 11 KV & 33 KV Range upto 2.5 MVA Ratings. We have successfully designed various combinations of CSS for many of our esteemed customers ranging from Builder segment, Industries, Government Utilities etc.



TRANSFORMERS



We are trading in Distribution & Power Transformers from 11 KV upto 132 KV Class till 50 MVA Range.

Power Tech has successfully supplied more than 500 Substations to various reputed clients in past 30 Years. We also keep a large stock of transformers of all reputed companies like Crompton Greaves, ABB, Siemens, Schneider, Voltamp, Kirloskar etc.



RING MAIN UNIT (RMU)

Brands : Lucy, Schneider, Siemens, ABB

Ring Main Unit (RMU) is a factory assembled, metal enclosed set of switchgear used at the load connection points of a ring-type distribution network. It is complete SF6 gas enclosed and has either LBS or VCB that acts as a circuit breaker. It is very compact in size as compared to conventional AIS Switchgears. It is available in 11 KV , 22 KV & 33 KV.

We keep a stock of large no. of RMU's of above mentioned brands.



Benefits of Ring Main Unit

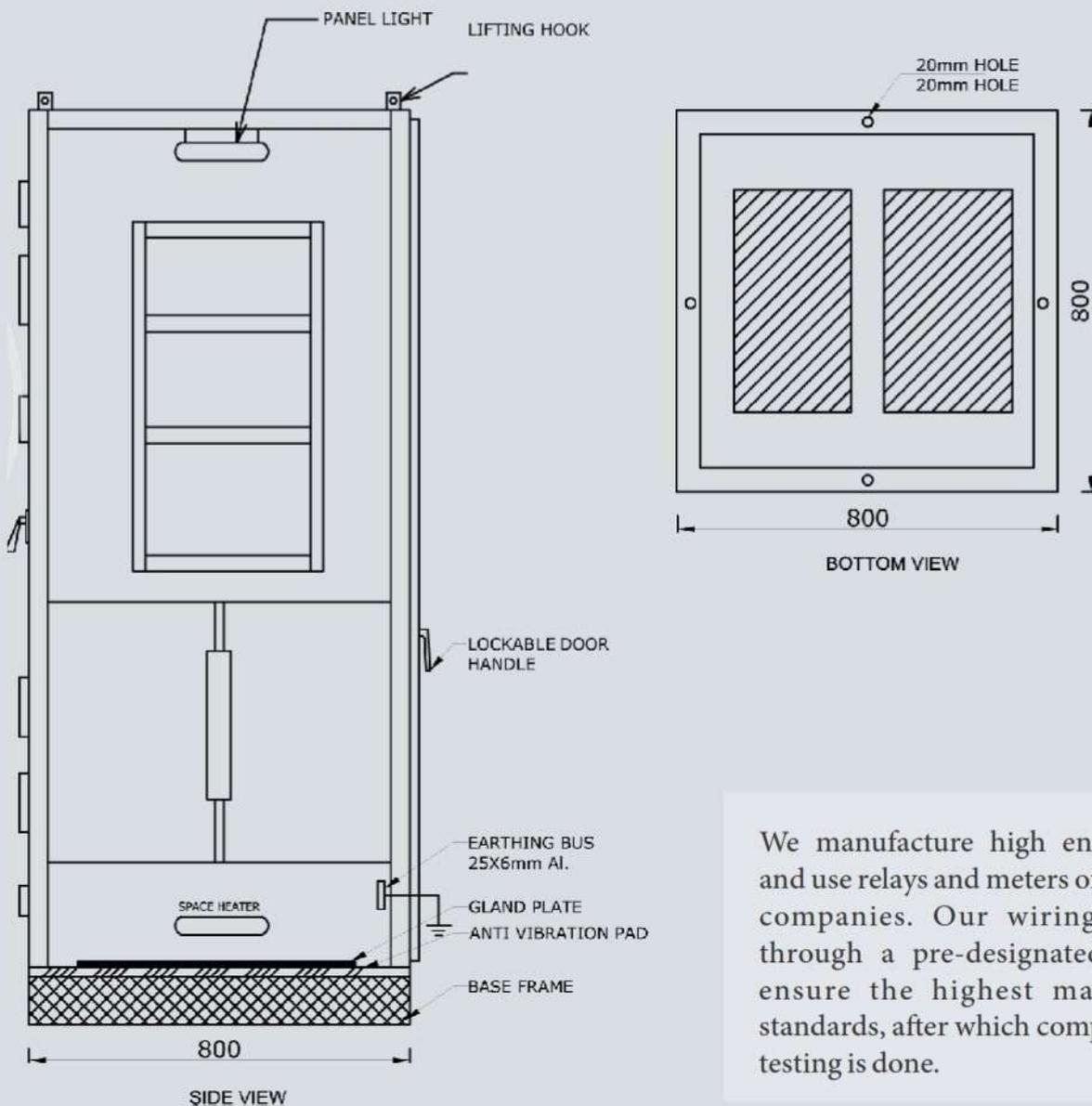
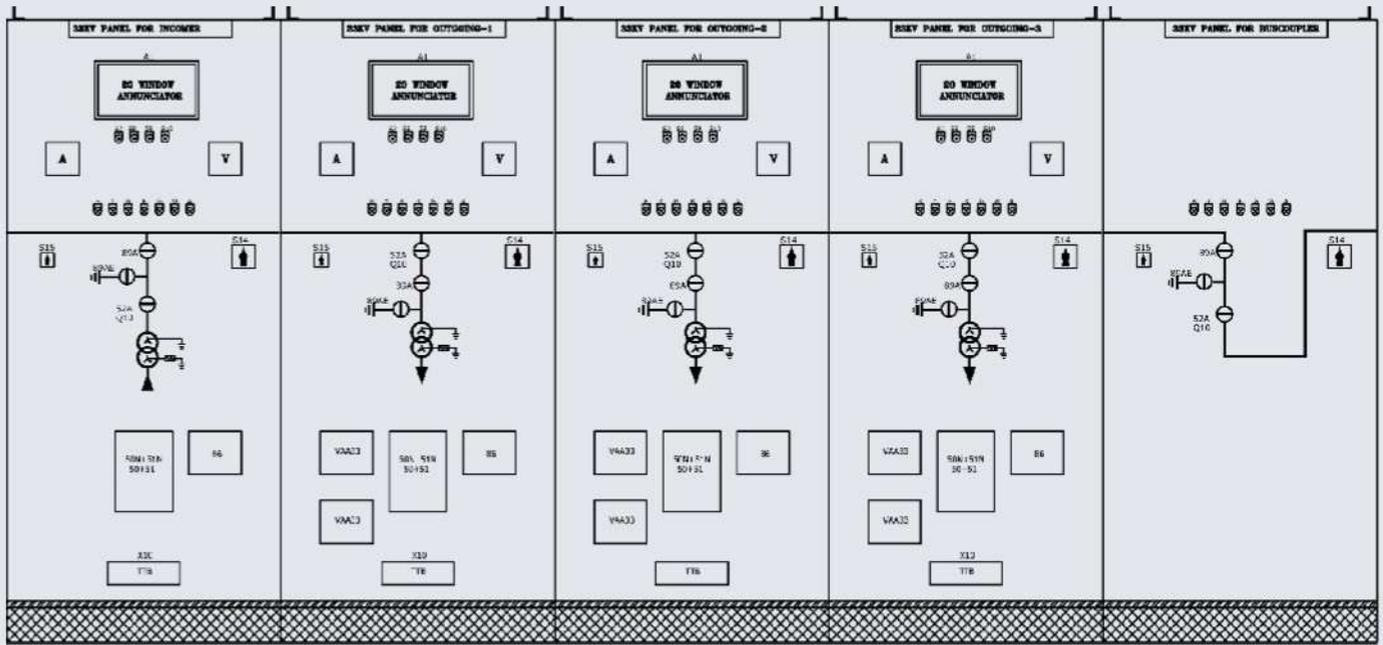
- Compact dimensions
- A wide range of functional units, easy to extend and upgrade
- Up to five modules in one common gas tank
- No live parts exposed
- Fully sealed for lifetime
- Climatically independent
- Designed and tested according to IEC
- High reliability and safety
- Safe and easy for operators in both maintenance and operating conditions
- All operations are carried out from the front of the switchgear



CONTROL AND RELAY PANEL

A control & relay panel is designed to provide to control the associated line or transformer through outdoor switchgear at various 11KV and 33KV zonal substations. These panels are used for the control & monitoring of electrical equipments such as transformers, generators and circuit breakers. Indoor Control panel for Outdoor VCB includes IDMT Numerical relay, Master Trip Relay, Trip circuit Supervision Relay, Indications & meters etc. These control & Relays panels are available in various combinations as single circuit or multi-circuit depending upon the customer requirements.





We manufacture high end fabrication and use relays and meters of only reputed companies. Our wiring team goes through a pre-designated process to ensure the highest manufacturing standards, after which complete in house testing is done.



POWERING THE WORLD SINCE 1985



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