

It's all about saving your money!



11KV AUTO SWITCHED CAPACITOR BANKS

Reactive Power Compensation and Improvement in Grid Power Quality

Benefits

- ▶ Improved KVA capacity utilisation of Power Transformers.
- ▶ Reduced Voltage Drops. Improved Voltage Regulation.
- ▶ Auto Controlled Voltage support for Grid.
- ▶ Full utilisation of installed capacity of generation, transmission and distribution leading to reduced fuel consumption.
- ▶ Reduction in line losses.
- ▶ Reduced electrical burden on cables and other electrical components.
- ▶ Overcompensation is prevented.

Salient Features

- ▶ Auto switched capacitor banks with ERDA certified Capacitors and Current Limiting Reactors/Harmonic Filter Reactors.
- ▶ Unbalance protection against partial capacitor failures.
- ▶ Lightning Arrestor for protection against surges.
- ▶ Fuses for short circuit protection for individual steps.
- ▶ FRAKO Germany make APFC relay (type RM 9606) with patented control characteristics.



These systems contribute to Grid Stability, Improved Power System Efficiency, reduced CO2 Emission and are a great asset serving the Nation in moving towards a Clean, Reliable and Efficient Electrical Power.

More Power by
Saving Energy

Major Projects (Executed/Under Process):

- ▶ Executed prestigious project for World Bank sponsored Haryana Vidyut Prasaran Nigum Limited (HVPNL).
- ▶ Around 100 MVAR, 11KV Auto Switched Capacitor banks for Bihar State Electricity Board under Govt. Of India BRGF scheme.
- ▶ 5MVAR, 11KV Capacitor Banks for various substations of Dubai Electricity and Water Authority (DEWA).
- ▶ Auto switched 11KV/6.6KV capacitor Banks for large industrial units.



36MVAR, 11KV Auto Switched Capacitor Banks

Some of our Major Clients of HT Capacitor Banks:



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