

# Power System



SWTS is an independent technical service provider, offering multi-discipline engineering and industrial products and services.

SWTS offers a one-stop solution to your electrical system and control needs. Our experienced team also continues to provide the necessary technical support throughout the entire life cycle of the equipment.



## Sectors



- Petrochemical
- Oil Refinery
- Pharmaceutical

- Steel
- Cement
- Pulp and Paper

- Utilities - Power Station
- Water

# SWTS: Power System

## Knowledge and Service Capabilities



### Packages

- MV/ LV Switchgear
- Motor Control
- Generator Control
- Load Shedding
- Load Sharing of KW and KVAR
- Auto and Manual Synchronising Control
- Import and Export of Power from/ into Grid
- Variable Frequency Drive
- Low Harmonics Multi-Pulse System
- SCADA System
- Transformer
- Motor

### Power System Study

- Short Circuit Analysis
- Arc Flash Study
- Device Evaluation Study
- Reactor Application Study
- Protective Device Coordination Study
- Load Flow Analysis
- Power Factor Correction Study
- Transient Motor Starting Study
- Power System Design
- VMS and PMS Topology Design
- Preliminary Design
- Detail Design
- Short Circuit Study
- Device Coordination Study
- Harmonic Study
- Harmonic Filter Design
- Harmonic Analysis
- Transient Stability Study
- Load Shedding Study
- Grounding System Study
- Electrical Energy Conservation Study
- Cable Sizing
- MV/ LV Switchgear
- Motor and Generator Control
- Load Shedding and Load Sharing Control
- Auto and Manual Synchronising Control
- Variable Frequency Drive
- DC Variable Speed Drive
- Power Management System



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Have any questions? We'd love to hear from you.



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