

High-voltage Electrical Substations

Your key concerns:

Electrical substations are a key component in-between the electrical power generation installation and the transmission network. It is thus obviously of crucial importance that the different components that comprise the substation, function in a safe and reliable manner.

Our solution:

- Specialized maintenance activities on different substation components:
 - Isolated phase bus ducts (IPB)
 - Generator circuit breakers (GCB)
 - Air Insulated switchgear, breakers, isolators
 - Medium voltage circuit breakers
 - Power transformers (UT & UAT) combined with divers electrical measurements
- Periodic control, inspection and calibration of protection relays which guarantees their correct functioning for all brands of substations' equipment.
- Assistance with the realization and commissioning of modifications and improvement projects related to electrical high voltage equipment
- OEM independent RCA's (Root Cause Analysis) in case of incidents on high voltage installations, in close collaboration with other HV peer experts within ENGIE.

Benefits for your business

- Complete maintenance organization and management of the HV substation equipment by one integrated team of OEM-independent specialists
- We cover all types and brands of protections including generator and grid protections



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Our added-value



As part of ENGIE, one of the largest power generation companies worldwide, EMS has built up extensive know-how over many decades in operation and maintenance solutions, enabling us to improve the reliability and profitability of production assets.

Our customer references

EMS is able to handle complex interventions on every type of power transformer or GCB based on our 60 years of experience and practice on our ENGIE power plants, both thermal and nuclear power plant, and external industrial customers.

- ◆ TOTAL fina: 150 kV
- ◆ BP Chembel: 150 kV
- ◆ Aleris: 150 kV
- ◆ Sappi: 150 kV
- ◆ Sikel: 150 kV
- ◆ Praxair
- ◆ Degussi
- ◆ Evonik
- ◆ Cristal computing

20

field service specialists

10

experts

More than

150

industrial & power plants covered

More than 60 years' experience to help you face your challenges!



For more information
Contact our cooperation team
email at ems.services@engie.com
engie.com