



Siemens Switchgear Factory Frankfurt

Electrical Functional Testing of Secondary Circuits for 8DJH Medium-Voltage Switchgear

Project Description

- The project involved carrying out electrical functional and protection tests on the secondary circuits of 8DJH medium-voltage switchgear, including the verification of current and voltage transformer circuits.
- In addition, systematic fault analyses, modifications and corrections of wiring, schematic and protection diagrams, as well as the preparation of technical test and fault reports, were performed.



The Siemens Switchgear Factory in Frankfurt is an international center of excellence for gas-insulated medium-voltage switchgear, setting global standards in quality, reliability, and technological innovation.

Role & Scope

- Electrical testing of secondary circuits
- Systematic fault analysis
- Quality assurance through comprehensive documentation
- Modification and correction of wiring, schematic, and protection diagrams

Highlights & Benefits

Thanks to extensive expertise in medium-voltage switchgear technology and strong coordination skills, the INP specialists made a significant contribution on site, effectively supporting both the local project team and the customer throughout the project.

Technical Components

- 8DJH Gas-Insulated Switchgear (GIS) for electrical power distribution up to 36 kV
- Suitable for a wide range of applications, including primary and secondary distribution, customer substations, and electrical substations

REFERENCE



Customer: **Siemens Energy**

Location: **Frankfurt, Germany**

Project Duration: **+12 Months**

Services: **Electrical Functional Testing**