



SOLUTION NOTE

SONZIER 125 / 20 kV SUBSTATION

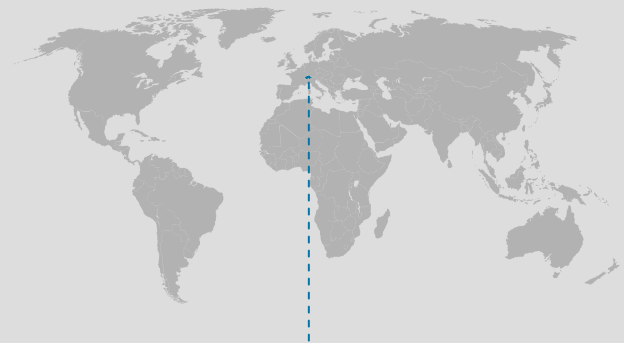
Romande Energie (Switzerland)

SONZIER 125 / 20 kV SUBSTATION SOLUTION

Romande Energie is a western Swiss utility focusing activities on three different business strategies: network operation, energy production-trade and renewable energy. The company's headquarters are in Morges and owns over 9.300 km of electrical distribution power lines and produces over 500 GWh of energy annually.

Romande Energie is now a days renewing its 80 MVA Sonzier power substation to enhance performance, safety and the quality of energy supply.

DUE TO » 2011
CLIENT » Romande Energie
LOCATION » Sonzier, Switzerland
SOLUTION » Complete Substation Solution
SEGMENT » Utility (UTI) - Transmission & Distribution



ORMAZABAL ORMACONTAINER:
 TURNKEY MOBILE MEDIUM VOLTAGE (MV) CONTAINER UP TO 36 KV

Enclosure Type:
 Metallic

Installation:
 No need for civil works

Transportation:
 No need of special transport



ORMAZABAL CPG.0:
 FIXED MOUNTED, SINGLE BUSBAR,
 GAS INSULATED SWITCHGEAR UP TO 36 KV

Switchgear Type:
 Circuit Breaker Panel (V)

Electric Data:
 24 kV – 1600 A – 25 kA

Scope of Supply:
 12 Cubicles



ORMAZABAL Substation Solutions:
 Protection Relays and Communications, Current (CT) & Voltage (VT) Transformers, Cable Connectors and Accessories

THE CHALLENGE AND THE SOLUTION

The challenge of this particular project was to provide custom made switchgears according to our customer's needs and delivering the complete solution in a very short time frame.

Engineering, installation & commissioning of the project was accomplished with the support of our local partner Sigmaform and only took a few hours. On the same day Ormazabal's Medium Voltage switching container was servicing the 80 MVA Sonzier power substation.

Thanks to Ormazabal Solution, the client obtained the following benefits:

- No need for civil works or special transport during the transportation and installation
- Tailor made solution
- Plug & Play philosophy: Upgrades and reconfigurations of electrical schemes in minimum time
- Ultra safe switchgear, internal arc tested according to international standards