

ABB Power Systems

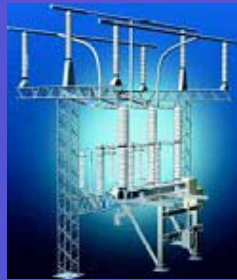


***Engineered
Packages***



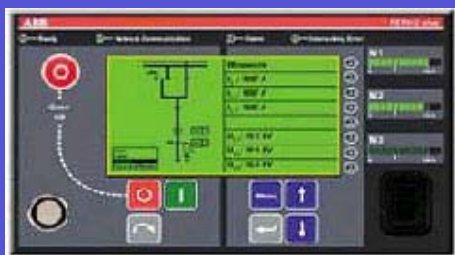
ABB

Engineered Packages



- In addition to providing turnkey substations, ABB also delivers engineered packages
- These packages consist of products plus the necessary engineering and commissioning to implement these products
 - HV/MV switchgear
 - Engineered control and protection system
 - Supervision of commissioning

Sidi Yacoub, Algeria, Sonelgaz



Customer's need

- A reliable partner to design and implement a control & protection system as part of a substation Sonelgaz was building themselves

ABB's response

- Numerical substation control system including protection and metering
- Auxiliary equipment
- Control and protection engineering
- Supervision for the commissioning of the control and protection system

Customer's benefits

- Sonelgaz was able to complement their own resources by using ABB's engineered control and protection package to achieve a fully functional substation





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in power and automation technologies
that enable utility and industry customers
to improve their performance
while lowering environmental impact