

Kuwait Ministry of Water and Electricity (MEW) Retrofit MV Panels– Doha East Power Station, Kuwait



Main Facts

Customer: Kuwait Ministry of Water and Electricity (MEW)
Industry: Utility
Commissioning: 2009
ABB Product: Retrofit of MV Panels
Order volume: \$433 k

Customer Needs

- To upgrade existing 6 kV switchgear

ABB Response

- In common with previous MEW projects for Doha East Power Station, ABB suggested retrofitting of circuit breakers instead of new switchgear, since the panels were still in good shape
- Breakers are being retrofitted with ABB's well proven VD4 vacuum technology

Customer Benefits

- Guaranteed future support by ABB
- Customer has previous good experience in cooperation with ABB
- The system upgrade and integration of state-of-the-art technology will enable MEW to ensure maximum plant availability

The Story

- Doha East Power Station is one of the five Kuwait's main base load power stations
- The current MEW order forms part of a continuous upgrade project for Doha East Power Station.
- In course of the upgrading process, ABB has already implemented retrofit solutions with the exchange of 67 circuit breakers. As a result of the high level of customer satisfaction in previous projects, MEW has selected ABB once again for this contract.
- ABB is exchanging 10 x BBC SD <1250A and 6 x BBC SE >1600A high duty minimum oil circuit breakers, and replacing them with retrofit solutions equipped with VD4 vacuum circuit breakers
- In addition to the 16 switch trucks, ABB is also delivering 40 switch panel doors for the construction of the auxiliary compartments.
- The complete modernization of the power plant is still ongoing, and ABB expects to continue its involvement with Doha East, with the prospect of exchanging a further 47 oil circuit breakers.

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