

Emerson Provides RTUs to Increase Oil & Gas Production in Saudi Arabia

RESULTS

- Increased monitoring and availability at the wellhead
- Minimized production downtime to ensure the Hawtah field is viewed as a positive contributor to the total daily liquid hydrocarbon output
- Reduced future maintenance issues by having the availability of spare parts and therefore ensuring maximum uptime of the field



APPLICATION

Upgrade wellhead monitoring solution and improve the availability and certainty of required field data

CUSTOMER

One of the world's largest oil & gas producers

CHALLENGE

The Hawtah field in Saudi produces Arabian extra light oil. This in turn controls the sales volume and profitability of the client's production plan. Having obsolete RTUs and lack of spare parts result in losing part or all of Hawtah production that effects the overall volume and quality of exported finished oil products.

SOLUTION

By upgrading the RTUs and installing UPSs, this increases the monitoring solution. Mutual agreement on a single standard RTU design while utilizing the old RTUs cabinet minimizes the cost and execution schedule. Designing the solution to reuse the existing cabinets allows for most items to be pre-installed with a structured installation plan allowing a change out of 1-3 wellheads per day.

“By upgrading to Emerson RTUs, we were able to decrease production down time and ensure the Hawtah field is a positive contributor of total daily liquid hydrocarbon output.”

The Producer

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