

Maintenance and Field Service API – Falconara Marittima, Italy



Main Facts

Customer: API Energia S.p.A.
Segment: oil refining and energy
Commissioning: June 2009
ABB products: apparatus repairing and refurbishment.

Customer Need

API facility of Falconara Marittima is a huge petrochemical installation. The power station manager was really worried about the very serious problems to the electrical system and the overall process when called ABB asking for an immediate action due to a circuit breaker failure.

ABB Response

ABB was able to respond immediately, addressing both the quickest solution and the spare parts availability. Parallel tasks allowed to win against the time:

- Circuit breaker shipment to ABB and spare parts research and pick-up
- Site survey and workshop apparatus repairing
- Panel restoring and circuit breaker shipment to site.

Customer Benefits

- Quick response
- Local support
- ABB expertise
- Extensive product knowledge.

The Story

API Group is active in the petrochemical segment and operates also in the projects development of industrial power plants. The oil refinery in Falconara Marittima (in the centre of Italy on the Adriatic Sea) is one of the most modern and technologically advanced refineries in Italy. It has been established in 1950 and covers today a surface of 700,000 m². It has a working capacity of 3,900,000 tons per year, equal to about 85,000 barrels per day.

The switchgear has been installed in 1997 at IGCC plant and is equipped with 33 HA circuit breakers and 14 VRC contactors; both apparatus have been phased-out from many years. The poles of a HA3 circuit breaker feeding a critical unit exploded on Wednesday 10th June evening, because at the end of its electrical life. The circuit breaker got the workshop the day after and it has been fully repaired and shipped back. An ABB field service engineer moved to site earlier, waiting for the apparatus and restoring the panel. The switchgear was in service once again on Friday 12th afternoon.

For more information please contact Service department at:

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