



RWE's Operations and Maintenance (O&M) support helps to achieve commercial optimisation

CASE STUDY

RWE's O&M support ensured the economic and safe operation of the Kosovo power station unit B2. This was done to the highest industry standards, whilst exceeding the power station's projected availability and empowering its staff to run the power station to its full potential.



The need for our expertise

Following RWE's completion of a substantial overhaul of Kosovo power station unit B2, our staff remained on-site to provide operations, maintenance and training support to the Kosovan operators and engineers. The work included further enhancement of major plant areas, including feeders and control systems. This was to secure the improvements already achieved in Kosovo B2's availability.

Putting our expertise into action

A team of up to 10 RWE engineers was present on-site from the beginning of the project, providing O&M support and guidance to the local managers, engineers and craftsmen. To ensure effective operation of the plant, we adapted our working style in order to integrate effectively with the Kosovan workforce.

Criticality analysis and condition monitoring techniques were introduced to show the benefits of moving away from the previous 'fire fighting' style of maintenance. Our staff worked with each of the shift teams, providing around the clock guidance for critical operations and unit start-ups.

We also carried out extensive operational reviews, including an analysis of combustion problems on unit B2. This resulted in several recommendations for corrective actions, some of which, such as operational techniques, could be addressed immediately, whilst others needed to become part of the planned outage and investment strategy for the future.

The difference we made

The impact of RWE's work has resulted in an increased availability from less than 30%, to more than 75%.

RWE's O&M support and guidance resulted in improved availability, re-establishment and revision of planned maintenance schedules, improvements in tube leak repair techniques and turnaround times, procedures and record keeping.

By applying RWE's O&M expertise, Kosovo B2 is now able to sustain a reliable supply of electricity. Its competent staff have been empowered with a broad understanding of the technical and commercial capabilities required to run a power station to its highest potential. This has greatly improved the reliability of the Kosovan electricity system and contributed to the rebuilding of their economy.

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