



## RWE identified potential improvements in Serbian electricity supply

# CASE STUDY

RWE identified that the refurbishment and better optimisation of the existing generation portfolio, minimisation of transmission and distribution losses and improvement of collection rates would be a more effective option for the Serbian electric utility, rather than continuing the construction of Kolubara B power station.



## The need for our expertise

Kolubara B power station, Serbia, was a 700MW lignite-fired power plant. Its construction started in the early 90s but was interrupted shortly after the break up of Yugoslavia due to the lack of a stable financial structure. In order to cover the increasing demand for electricity in Serbia, RWE was invited to conduct a study on the feasibility of investment in the lignite plant and eventually to assist in raising the finance in order to complete the power station.

## Putting our expertise into action

An RWE team consisting of specialists in mining, power plant operation, electricity supply, finance and strategy, thoroughly surveyed the entire electricity value chain in Serbia including exploration, coal mining, generation, transmission, and distribution. Serbia's interaction with its neighbouring countries and the entire Balkan peninsula was also investigated. In close co-operation with EPS, the Serbian state-owned utility, RWE conducted a detailed study and identified areas for improvement.

## The difference we made

RWE's expertise enabled EPS to understand the technological advancements in mine and power plant optimisation and the commercial approach required to ensure effective investments in the new power plant. The benchmarking exercise undertaken by RWE recommended investment in minimising losses in transmission and distribution and improvements in efficiency at existing power plants, rather than the continued construction of Kolubara B power station.

## RWE Power International

Electron

Windmill Hill Business Park  
Whitehill Way, Swindon  
Wiltshire, SN5 6PB  
United Kingdom

Stuettgenweg 2  
50935 Koeln  
Germany

T +44 (0)1793 892900  
F +44 (0)1793 892421

T +49 (0)221 4801300  
F +49 (0)221 4801350

E [rwepi@rwe.com](mailto:rwepi@rwe.com)  
I [www.rwepi.com](http://www.rwepi.com)