

Feasibility study & plant inspection

## Mine and Plant Rehabilitation



**Location**

Turkey



**Client**

EÜAS



**Expertise**

Mining Equipment, Lignite, Power Plant, Inspection, Site Rehabilitation, Tender Documents, Feasibility, Energy Efficiency

### Our Services

- Feasibility for rehabilitation and modernisation
- Preparation of technical tender documents
- Assistance during bid evaluation, bidder clarification meetings and contract award

#### Scope of inspection

- 6 excavators, 5 spreaders
- 5 tripper cars, 3 stackers
- 2 reclaimers, 1 ash stacker
- 1 bucket chain excavator
- Mill performance
- Boiler efficiency
- Air ingress testing



## Project description



The state owned electricity company in Turkey operates a Lignite Mine near-by Afsin-Elbistan. For a variety of reasons, rehabilitation works were planned at the mine and adjacent power plant to increase generation capacity and availability at the site.

RWE was appointed as lead engineer and consultant to support the modernisation of the site. Our services included the preparation of a feasibility study aiming to increase remaining lifetime and efficiency of the site, extensive inspection services at the site, and drafting of tender documents for the proposed rehab works. In addition we assisted the client in analysing technical bids and supported during bid evaluation and contract award.

The tender documents prepared by RWE enabled the client to invite tenders for a complex work program comprising > 150 projects. During the bid evaluation RWE ensured that all bidders provided the client with technically comparable information and documentation.



Europe & Central Asia

