

Iskenderun Bay

Coal-fired Power Station



Iskenderun Bay, Turkey

Worth US \$1.5 billion, the coal-fired power station has been the biggest German investment in Turkey so far. It covers 8 % of Turkey's energy demand.

Operator:

Isken (Iskenderun Enerji Üretim ve Ticaret A.S.), Adana, Turkey

Investor:

STEAG AG, Essen, Deutschland

Consortium leader - plant engineering:

Siemens AG Power Generation,
Erlangen, Germany

Application:

1,210 MW (2 x 605 MW)

Commissioned:

November 2003

Within a record period of 39 months, a power station with up-to-date process control and state-of-the-art KSB products was built.

2 LUV boiler recirculation pumps with integrated 10 kV wet rotor motor are essential parts of the boiler. With this pump type, KSB – a world market leader – makes a crucial contribution to maximum efficiencies and minimum life cycle costs (LCC). The power station does not only satisfy the national statutory limit values for environmental protection but also the stringent World Bank directives. More than 450 valves such as high- and low-pressure gate valves, swing check valves as well as various types of high-pressure valves make their contribution.

Our service engineers did not only see to trouble-free and on-schedule installation of the pumps and valves but also ensured trouble-free commissioning.





Iskenderun Bay, Turkey – Scope of supply and technical data:

Scope of supply:

Pumps:

2 x boiler recirculation pump LUV

Valves:

A total of about 450 valves:

- High-pressure gate valves ZTS and swing check valves ZRS
- Line blind valves VTS, DN 600 and 800
- High-pressure valves NORI 40, 160, 320 and NORI 500
- Low-pressure gate valves STAAL 40

Technical data LUV:

- Capacity: 1,064 m³/h
- Head: 205 m
- Pressure: 235 bar
- Temperature: 325 °C
- Input power: 750 kW



Mounting of line blind valves VTS, DN 600 and DN 800, at KSB works Pegnitz, Germany

Should you need more information, please do not hesitate to contact us:

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