

New power station in Neurath by RWE

Sulzer Pumps will supply the biggest boiler feed pump in Europe

In January 2008, Sulzer Pumps will deliver the first main boiler feed pump for the new power station in Neurath, Germany (BoA 2 & 3). The Sulzer pump (type HPT) is the biggest turbo boiler feed water pump in Europe with a capacity of 4,100 m³/h and a head of 4,200 m. The booster and main pump combined deliver the design performance of 50,000 kW. The pumps are driven by a steam turbine.

RWE Power began the construction of these new blocks in the coal fired power station of Neurath using optimized techniques in January 2006 (BoA = Braunkohlekraftwerk mit optimierter Anlagentechnik). Neurath will be the most modern coal fired power station in the world.

The first pump will be on the test bed of Sulzer Pump (UK) Ltd. in Leeds in September 2007. The delivery of the first pump will be in January 2008 with the second pump following about six months later.

Both blocks together will have a performance of 2,200 Megawatt and an efficiency of over 43 %. The use of the most modern technology for power generation results in a significantly efficient exploitation of the lignite and makes a considerable contribution to environmental protection. The yearly CO₂ emissions will be reduced by six million tons. RWE invested 2.2 billion Euros in this project. The construction will take about four years so that the production will probably start in the year 2010.



HPT type pump in the power station Lippendorf

Note to the Editor

Sulzer Pumps develops and supplies centrifugal pumps worldwide. Intensive research and development in process-oriented products and special materials, as well as reliable service, help the division maintain its leading position in its focus market segments. Its customers come from the oil and gas, hydrocarbon processing, pulp and paper, power generation, water distribution and treatment sectors, as well as from specialized areas in the food and drink, metals, and fertilizer businesses. We are a leading global supplier of pumps to these selected markets, generating an annual turnover of some 1,000 million euros and employing more than 5,100 people worldwide.

Our worldwide reputation as a provider of advanced pumping solutions is earned every day at customer sites around the globe. We offer the pump industry's most extensive network of Customer Service Centers, ensuring that your every need is met with prompt local service.