

### BmHKW Leonberg - Wood Incineration Plant

**LOCATION:** Leonberg, Germany (Baden-Württemberg)

**SYSTEM/TECHNOLOGY:** Siemens S7

**SERVICES:** Commissioning, Project management, Documentation, As-built status and data recording, Basic-engineering and pre-engineering, Detail engineering

**INDUSTRY BRANCH/TYPE OF PLANT:** Green Energy, Power Generation, Power plants

**CLIENT:** EnBW Energy Solutions GmbH

#### Project description

EnBW Energy Solutions GmbH is part of the EnBW Group and combines expertise with products for the rapidly growing market segment of "energy-related services". It plans, finances and builds energy systems and combined heat and power plants, as well as supplying the useful energies.

The wood-fired combined heat and power plant in Leonberg has been operating since 2003 and supplies various facilities in the vicinity with district heating and electricity. The district heating boiler (district heating capacity: 4.1 MW) had a control system that was difficult to operate, meaning it was unreliable in use, which explains why its renewal by a modern and proven control system had become necessary. INP International Projects receive the order to reconfigure the control system with Siemens S7, visualize the entire plant in WinCC and create a connection to the district heating control center. Furthermore, various measurements were retrofitted as the basis for subsequent optimization work.

#### POINTS OF CONTACT



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