

6 MEGAWATT EWERS STATION IN THE YORK QUARTER - WARM LIVING FOR 1,800 PLANNED RESIDENTIAL UNITS



The boiler house for the York Quarter

Photos: Klaus Eickmeyer

Initial situation

The city of Münster has converted the former York barracks site into the York Quarter. With a 6 megawatt plant, we supply around 1,800 residential units on approx. 300,000 m² of residential and commercial space.

We obtain the 80 °C heat required for the new development from the return flow of the district heating network of Stadtnetze Münster. The network is separated by three 2,000 kW transfer modules which pump the water into the separate district heating network of the York Quarter. In order to maintain the required pressure, this process is supported by three further pumping modules.

Hydraulic diagram and technical drawing of the station on page 2.

If you have any questions, please do not hesitate to contact us.



The primary side with the three transfer modules



York Quarter residential area

Photo: pde-porr.com

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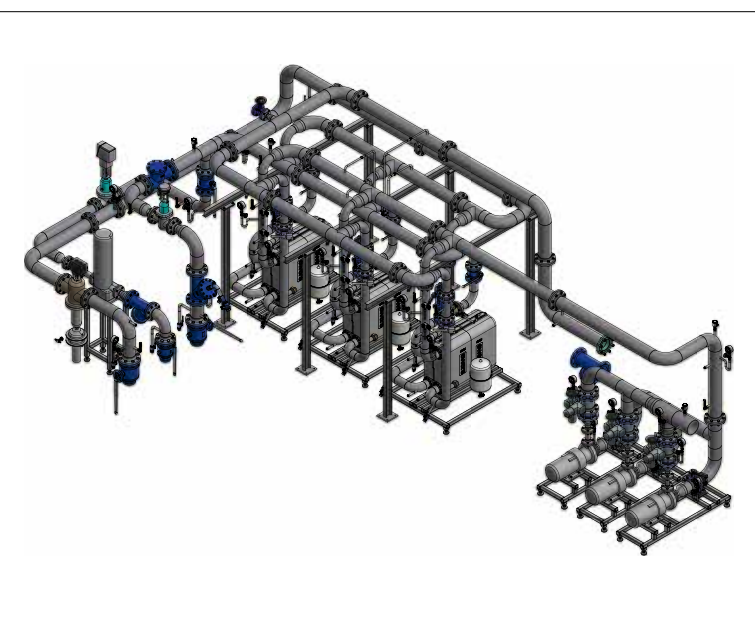


The secondary side with three pump modules to maintain the pressure

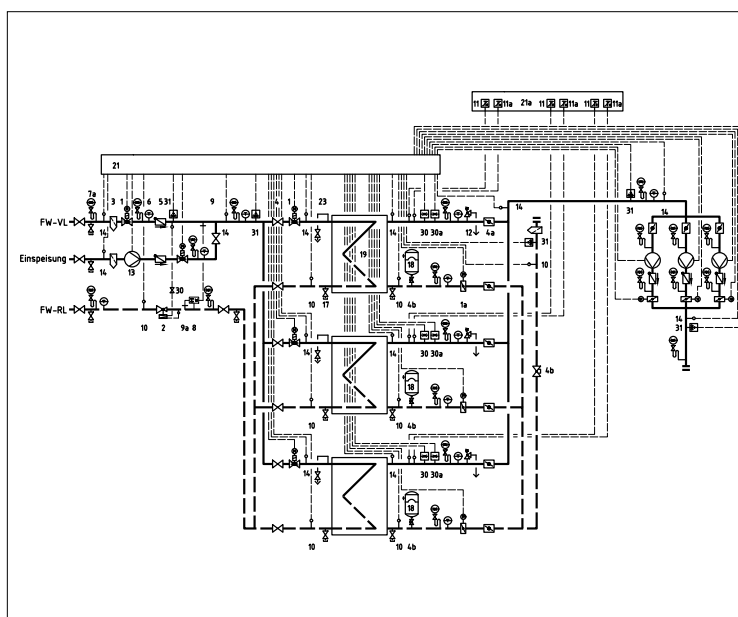
The ewers solution

Total power of the station

- Power: 6 MW
- Nominal width: DN125 / DN150
- Pressure stage: PN16 / PN6
- Temperatures: Primary 130/50 °C
Secondary 80/40 °C



Technical drawing of the station in full



Hydraulic representation of the station

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