



Gasunie Deutschland GmbH & Co. KG

Client

Gasunie Deutschland GmbH & Co. KG

Construction time

09/2022 - 12/2022

Order value net

4,100,000 €

Contractor

FRIEDRICH VORWERK SE & Co. KG
Bohlen & Doyen Bau GmbH

Own work

Civil engineering and pipeline construction,
engineering, Steel construction

Subcontractor services

Pressure test

Features

Above-ground cable on sleeper route with cable route from the Jetty to the transfer station to SH Netz

Contact

www.friedrich-vorwerk.de

Connection line for the LNG terminal in Brunsbüttel

In 2022, VORWERK has been commissioned by Gasunie Deutschland with the construction of the two connecting pipelines for the new LNG terminal in Brunsbüttel. By the end of 2022, the first floating LNG terminal at the Brunsbüttel site will be put into operation at the Brunsbüttel site. In order to ensure a rapid feed-in of the imported liquefied gas into the gas grid, a new, approximately 3 km long section of pipeline (ETL 185 in nominal diameter DN600) from the Brunsbüttel port area to the existing gas pipeline from Schleswig-Holstein Netz, which will connect the terminal to the European gas pipeline European long-distance pipeline network.

Completion of ETL 185 is scheduled for mid-December. Up to four billion cubic metres of natural gas per year are then to be per year into the natural gas interconnected system. This corresponds to about 40 percent of the technical capacity of the planned floating terminals. With the transported 2.7 million average households under optimal conditions.

From the beginning of 2023, the transmission system operator Gasunie is planning to an additional, approximately 55 km long transmission pipeline (ETL 180) from Brunsbüttel to Hetlingen with a nominal diameter of DN800, which, in the future, will be able to transport much larger quantities of regasified liquefied petroleum gas into the existing natural gas network.

The two pipeline sections ETL 180 and ETL 185 are being built by an equal joint venture consisting of the FRIEDRICH VORWERK Group (FRIEDRICH VORWERK and Bohlen & Doyen Bau) as well as the Austrian HABAU Group (PPS Pipeline Systems and HABAU).