



UNDERGROUND POWER LINES

HORIZONTAL DIRECTIONAL DRILLINGS

Expansion medium voltage power lines Plattling, Germany



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Client: Bayernwerk Netz GmbH

On behalf of Bayernwerk Netz GmbH, MAX STREICHER GmbH & Co. KG aA carried out drillings for several new 20,000 volt cable connections in Plattling. The project was complex, as the pipelines were partly laid 20 m underneath the river Isar. It was realised by the use of the self-developed, fully electric driven horizontal directional drilling rig HDD80-E.

In total STREICHER carried out three drillings, each of it taking ten days and having a construction progress of about 500 meters per decade. The cable line was put into operation in May 2021.

Regarding the pipeline works, the power supply provider Bayernwerk Netz GmbH paves the way for the renewable energy supply of the region. The construction of the pipeline is an important step into the energy future, as a modern and flexible supply line serves as infrastructure for electricity from renewable sources. More than 330,000 plants for renewable energies are already connected to the power supply of Bayernwerk.

Project details

Client	Bayernwerk Netz GmbH
Scope of work	Execution of horizontal directional drillings
Location	Plattling - crossing of the river Isar
Total length	About 1,500 m 3 drilling sections with a length of 500 m each
Pipe diameter	DA 250
Plants	1 HDD plant 80 t (HDD80-E, self-development)
Construction period	March 2021 – May 2021



Challenges

- Laying and welding of the pipeline for the insertion

Location:
Plattling, Germany