

TERNA: RATIONALISATION OF THE ELECTRICITY GRID BETWEEN DOLO (VE) AND CAMIN (PD) HAS BEEN AUTHORISED

An investment of €130 million to improve the reliability and quality of the electricity service

A new 16.5 km underground cable connection will allow for the demolition of 32 km of existing overhead lines

123 pylons will be dismantled and around 95 hectares of land will be freed up from electrical infrastructure

Rome, 11 January 2023 – Terna's project for the rationalisation of the electricity grid between Dolo (Venice) and Camin (Padua) was authorised by decree of the Ministry of the Environment and Energy Security, aimed at improving the reliability, quality of service and efficiency of the electricity grid in the area.

Terna, the company led by Stefano Donnarumma, has planned an investment of €130 million for the construction of a new 380 kV underground cable power line approximately 16.5 km long and the demolition of 32 km of existing overhead power lines. The new connection will make it possible to dismantle 123 pylons and free up approximately 95 hectares of land from electricity infrastructure. The municipalities involved in the project are Dolo, Camponogara, Stra, Fossò and Vigonovo in the Venice province and the municipalities of Padua and Saonara (the latter only involved in removal operations) in the Padua province.

The new underground cable connection will facilitate the safe management of energy exchanges between the areas of Venice and Padua and will increase the resilience of the North-Eastern grid, which is increasingly exposed to the effects of extreme weather events, in particular intense snowfalls and gusts of wind. At the same time, the work will make it possible to reduce grid losses, resulting in improved efficiency of the energy transmission service.

The project, which is part of the larger rationalisation of the high-voltage grid in the Venice and Padua areas, is one of the regional electricity grid development works provided for in the Memorandum of Understanding signed by Terna and the Veneto Region in 2019 and the result of many meetings and inspections with the Region and the municipalities involved, aimed at identifying shared solutions and defining the route.

The executive design of the project and procurement will begin shortly, which includes the purchase of materials and the awarding of construction contracts. Once this phase has been completed, work will begin which will involve about 20 companies and 200 workers and technicians.

Terna, which manages around 5100 km of high and extra-high-voltage lines in Veneto, is rolling out its 2021–2025 “Driving Energy” Business Plan which included investments for €370 million for the development and resilience of the regional electricity grid.