

## Investment in the transmission grid

# Red Eléctrica starts construction works this Monday, 16 March on a key underground line to support Murcia's socio-economic growth

Redeia's subsidiary will invest €55.3 million in the new Espinardo substation and an 11.2 km, 220 kV double-circuit line connecting it to the Murcia and El Palmar substations.

### Murcia, 11 March 2026

Red Eléctrica, Redeia's subsidiary responsible for the transmission and operation of the Spanish electricity system, will commence construction works on Monday 16 March on the new underground transmission line between the new Espinardo substation and the Murcia (Patiño area) and El Palmar substations. This strategic investment aims to ensure Murcia's socio-economic growth over the medium and long term, amid rising energy demand.

The initiative consists of a new 220 kV substation and a 220 kV double-circuit line, featuring an 11.2 km underground route. With an investment of €55.3 million, the new infrastructure will enhance power transfer from the transmission grid to the distribution network. This will contribute to improving the quality and security of the current and future electricity supply in the capital and its metropolitan area, supporting both organic growth and the connection of new supplies. In short, this infrastructure is decisive in enabling the city's transformation through new projects and creating a more reliable, modern and efficient electricity system.

Following approval by the Regional Ministry of Environment, Universities, Research and the Mar Menor last December, planning the line has required close coordination with the City Council since April 2025, given its technical complexity. To minimise the impact on the city and accelerate the process, additional resources and equipment will be deployed on-site to streamline progress and complete surface-level works within the first months of the project.

The new line project, alongside the new 220 kV Espinardo substation – to be located at the site of the existing distribution substation – forms part of the current Electricity Transmission Grid Plan. According to the initial execution schedule, these infrastructures are estimated to be in service by the final quarter of 2027.