

Red Eléctrica boosts industry, rail network, and renewable integration in Extremadura with significant investment in the region's transmission grid

Red Eléctrica will invest over 200 million euros in improving Extremadura's transmission grid to boost industry, drive ecological transition, and support the region's railways

The railways that will benefit from these sub-stations include the high-speed line connecting Madrid with Lisbon and the line connecting Mérida with Puertollano and Castile-La Mancha.

Mérida, 04 July 2024

Red Eléctrica, Redeia's subsidiary responsible for the transmission and operation of the electrical system in Spain, has completed processing and is progressing with the development of six new strategic sub-stations in Extremadura. These are essential for new industrial projects, supplying new regional railways, and promoting Extremadura's ecological transition through the integration of energy from new renewable projects.

These 400 kV sub-stations are located in Fuentes de Cantos, Maguilla, Quintana de la Serena, Fuente del Maestre, Don Álvaro (Badajoz), and Zarzón (Cáceres).

The most cutting-edge sub-station at this moment is the 400 kV Fuente de Cantos, expected to be completed after the summer. Similarly, the Maguilla (formerly Llerena), Quintana de la Serena, and Fuente del Maestre sub-stations are also under construction, planned to be ready this year. Finally, the Don Álvaro and Zarzón sub-stations have just finished their processing and are estimated to be operational by 2025.

These investments by Red Eléctrica in Extremadura will harness the region's high renewable resource potential. Furthermore, they serve as a crucial lever for the system's progress in integrating new renewable energies, positioning Extremadura as a key actor in meeting the goals of the National Integrated Energy and Climate Plan.

Additionally, the Quintana de la Serena and Don Álvaro sub-stations will also be essential for supplying future rail corridors projected in Extremadura, significantly contributing to the region's infrastructure development and rail network electrification. Overall, Red Eléctrica's investments in Extremadura will help develop the high-speed line connecting Madrid with Lisbon and the line connecting Mérida with Puertollano and other cities in Castile-La Mancha.

Lastly, Red Eléctrica has already begun processing two new 400 kV sub-stations—Guadiana and Río Caya—along with the lines connecting San Serván, Guadiana, and Río Caya. Thanks

to these infrastructures, it will be possible to connect and supply large industrial customers in the Río Caya area so that they can carry out their production activities. These strategic actions are crucial for consolidating the Southwest Iberian Logistics Platform in Badajoz.

In total, Red Eléctrica will invest over 200 million euros in improving Extremadura's transmission grid in the coming years. Its goal is to boost the region's economy, drive its ecological transition, and promote sustainable mobility, territorial cohesion, and equal opportunities through the electrification of rail transport.