Infrastructure in Canarias

Red Eléctrica completes the new 66 kV San Isidro substation in Granadilla de Abona

The 66 kV San Isidro substation enhances the meshing of the transmission grid in southern Tenerife and enables the integration of renewable energy.

The new substation, involving an investment of €6.8 million, is included in the list of projects eligible for funding by the European Union – NextGenerationEU – under the Recovery, Transformation and Resilience Plan.

Tenerife, 6 July 2026

Red Eléctrica, the Redeia subsidiary responsible for the operation and transmission of electricity in Spain, has completed the construction of the new 66 kV San Isidro substation in Granadilla de Abona. This will enhance the meshing of the transmission grid in the southern part of the island, improve security of supply and facilitate the integration of renewable energy in the municipality.

The 66 kV San Isidro substation is a strategic project developed using GIS (gas-insulated switchgear) technology. This enables it to be integrated compactly within a building, reducing both its land footprint and its visual impact. The facility has four bays dedicated to the Arona and Granadilla lines, as well as to other functions. Additionally, the project includes an approximately 200-metre double-circuit 66 kV electricity transmission line, designed to provide incoming and outgoing connections for the substation from the existing 66 kV Granadilla–Arona line.

The project, which forms part of the current electricity planning cycle, represents an investment of €6.8 million and is included in the list of initiatives eligible for funding by the European Union – NextGenerationEU – under the Recovery, Transformation and Resilience Plan.

Through the development of this infrastructure, Red Eléctrica reinforces the grid structure at a key point in southern Tenerife, thereby increasing the system's flexibility and its capacity to respond to incidents. Thus, the company is advancing its commitment to Canarias and continues to execute the essential infrastructure included in the electricity planning for the archipelago.

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