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The proposed project will combine wind, solar, battery energy storage and green hydrogen to help local industry decarbonise. It includes an option to expand the connection to 1,200MW. Endesa will build five solar plants and five wind plants supported by a battery energy storage system.

Spanish utility group Endesa SA said on Wednesday that it has connected to the grid the first solar farm built within the perimeter of its demolished Andorra thermal power plant (TPP) in Spain's region of Aragon.

Of the 1,725 MW of renewable energy, 1,585 MW will be generated at what will be the largest solar plant under construction in Europe, 139 MW will be from wind and the project will have a large-scale storage system of up to 159.3 MW.

Spanish and Portuguese utility Endesa, part of Enel, has provisionally won 953MW of connection rights to build renewable energy resources and battery storage in the Spanish city of Andorra, possibly rising to 1,200MW.

In 2020 the plant was definitively closed down and we started the dismantling process and to draw up a plan for the region that includes the establishment of new industry and the development of renewable energy plants.

Of the project presented by Endesa for the Andorra junction, its innovative nature stands out in particular, as it proposes the hybridization of renewable solar and wind projects, energy storage and the development of green hydrogen projects to truly decarbonise the area's industries.

The former energy production in a coal-fired thermal power plant will now be replaced by solar, wind, green hydrogen and storage projects, with a total installed capacity of more than 1,800 MW of new renewable capacity.

Endesa's proposal for its Andorra energy hub in Spain is based on the hybridization of renewable technologies, storage and green hydrogen for the decarbonization of local companies.

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