Press Office
Phone: +34 91 213 11 02
Fax: +34 91 213 90 95
prensa@endesa.es
endesa.com


ENEL GREEN POWER ESPAÑA CONNECTS TO THE GRID ARAGON’S LARGEST WIND FARM

- The 50 MW Sierra Costera I wind farm, located in the towns of Mezquita de Jarque, Fuentes Calientes, Cañada Vellida and Rillo, in the province of Teruel, involved an investment of around 45 million euros and will be able to generate up to 141 GWh per year.

- Sierra Costera I is the first wind facility to enter into service out of those awarded to Enel Green Power España following the Spanish government’s third renewable energy auction held in May 2017.

- The connection to the grid of the facility is in line with Endesa’s strategy of decarbonising its generation mix, which involves reaching 8.4 GW of installed renewable capacity by 2021 for an overall investment of around 2 billion euros.

Teruel, October xxx, 2019 – Enel Green Power España (EGPE), Endesa’s renewable energy subsidiary, has connected to the grid its Sierra Costera I wind farm, which has a capacity of around 50 MW and is the largest facility of its kind in the Aragon region. The construction of the new facility, located in the municipalities of Mezquita de Jarque, Fuentes Calientes, Cañada Vellida and Rillo in the province of Teruel, involved an overall investment of 45 million euros.

Sierra Costera I is the first wind facility to enter into service out of the 540 MW of wind capacity awarded to EGPE in the renewable auction held by the Spanish Government in May 2017. The company is currently building around 470 MW of wind projects in Aragon, Castile-León, Andalusia and Galicia, as well as 254 MW of solar capacity awarded in the third renewable energy auction, held in July 2017. The construction of this renewable capacity will involve an investment of over 800 million euros through 2020 and will increase Endesa’s current wind and solar capacity by 52.4%.

This increase is in line with Endesa’s strategy aimed at decarbonising its generation mix, with the first milestone being 8.4 GW of installed renewable capacity by 2021 from the current 6.6 GW, involving an overall investment of around 2 billion euros.

Sierra Costera I is made up of 14 turbines and will be able to generate approximately 141 GWh a year, avoiding the annual emission of approximately 93,000 tonnes of CO₂ into the atmosphere.

The construction of the wind farm was based on Enel Green Power’s “Sustainable Construction Site” model, which included the installation of solar photovoltaic panels at the site to cover part of its energy requirements. Water-saving measures were also implemented, such as the installation of water tanks and rainwater collection systems. Upon completion of construction, both the photovoltaic panels and the water-saving equipment will be donated for public usage.
In line with the Creating Shared Value (CSV) model adopted by Endesa, which aims to combine business development and local community needs, the company has carried out sustainability projects such as the hiring of a local workforce for the construction of the plant and other work related to the project (e.g. catering and accommodation for workers). In addition, renewable energy training courses were set up for local residents. Endesa has also contributed to the replacement of public lighting with LEDs to improve public areas in Mezquita de Jarque and in Rillo.

Endesa currently manages around 6,688 MW of renewable capacity in Spain, of which 4,710 MW come from large hydropower. The remaining approx. 1,978 MW are managed by EGPE and consist around 1,800 MW from wind, approx. 98 MW from solar and about 79 MW from mini-hydro.

Enel Green Power is the company dedicated to the development and operation of renewables for Enel, the Group Endesa belongs to. The company develops and operates renewables across the world, with a presence in Europe, the Americas, Asia, Africa and Oceania. Enel Green Power is a global leader in the green energy sector with a managed capacity of over 43 GW across a generation mix that includes wind, solar, geothermal and hydropower, and is at the forefront of integrating innovative technologies into renewable power plants.