

Press release

RWE starts construction of large-scale solar project in Spain

- **92-megawatts project includes 240,000 bifacial modules**
- **Gazules will supply 20,000 homes**
- **Project will increase RWE's solar capacity in Spanish core market to approx. 250 MW**

Essen, 2 February 2023

RWE is taking big steps towards expanding its solar business in Europe. The company has started construction works on a 92-megawatt ac (MWac) ground-mounted photovoltaic project in Andalusia in the province of Cádiz. The "Gazules" project consist of two solar farms – Gazules 1 and Gazules 2 – with a rated capacity of 46 MWac each. Early construction works have already started on Gazules 1. Approximately 240,000 bifacial modules will be installed on a total area of 140 hectares. Bifacial solar cells consist of a double-sided module, which allows solar irradiance to be absorbed from the front as well as from the rear side of the module. A second glass pane on the rear side of the module ensures that refracted light is captured from the rear solar cells. Thus, increasing production and creating a higher efficiency module at the solar plant. Full commissioning of the entire project is expected by the end of 2023, after which Gazules will be able to supply the equivalent of 20,000 Spanish homes with green electricity annually.

At the end of last year, RWE already commissioned its 44-MWac Casa Valdes solar farm near Madrid. Two further solar projects, Puerta del Sol close to Casa Valdes and Las Vaguadas in the province of Badajoz, with a total of 54 MWac are in the commissioning phase. After the commissioning of Gazules at the end of this year, RWE will operate a solar capacity of approximately 250 MWac in Spain.

Katja Wünschel, CEO Onshore Wind and Solar Europe & Australia, RWE Renewables:

"The expansion of our Spanish solar business has taken off rapidly. Five new solar farms in less than two years is a great track record. RWE will contribute even more towards achieving the Spanish climate targets. Thanks to its excellent solar and wind conditions, Spain is an important core market for us."

RWE's Renewables business in Spain

RWE Renewables Iberia operates an installed onshore wind capacity of approximately 490 MW in Spain. In addition to the solar construction projects, RWE is building the Orkoien onshore wind project near Pamplona to test innovative technologies to further promote sustainability.

RWE

In line with its growth ambitions, RWE is preparing the wind and solar projects in the existing development pipeline to take part in the ‘Concurso de capacidad’, the Spanish tenders to access capacity for the electricity transmission grid.

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Pictures of Gazules site for media use (credit: RWE) are available at the [RWE Media Centre](#)

RWE

RWE is leading the way to a green energy world. With an extensive investment and growth strategy, the company will expand its powerful, green generation capacity to 50 gigawatts internationally by 2030. RWE is investing more than €50 billion gross for this purpose in this decade. The portfolio is based on offshore and onshore wind, solar, hydrogen, batteries, biomass and gas. RWE Supply & Trading provides tailored energy solutions for large customers. RWE has locations in the attractive markets of Europe, North America and the Asia-Pacific region. The company is responsibly phasing out nuclear energy and coal. Government-mandated phaseout roadmaps have been defined for both of these energy sources. RWE employs around 19,000 people worldwide and has a clear target: to get to net zero by 2040. On its way there, the company has set itself ambitious targets for all activities that cause greenhouse gas emissions. The Science Based Targets initiative has confirmed that these emission reduction targets are in line with the Paris Agreement. Very much in the spirit of the company's purpose: Our energy for a sustainable life.

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