

Press release

13,400 solar panels on a lake: RWE commissions its first floating photovoltaic project

- **Innovative solar project in the Netherlands with an installed capacity of 6.1 megawatts peak in operation**
- **RWE continues to grow its Dutch renewables portfolio**

Essen, 1 July 2022



“We are dedicated to developing and implementing innovative solutions to advance the use of renewable energy. Our Amer floating photovoltaic project is the first of its kind for RWE, adding a new, promising technology to our portfolio. Realizing and operating this project deepens our knowledge about technical possibilities of floating PV, such as scalability and energy output.”

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

RWE, one of the world's leading companies for renewable energy, has commissioned its first floating photovoltaic (PV) project. The project consists of around 13,400 solar panels that float on a lake near the Amer power plant in Geertruidenberg, in the Netherlands' province of Noord-Brabant. The innovative solar field has an installed capacity of 6.1 megawatts peak (MWp). The floating project was the latest of three solar installations at the Amer power plant.

Roger Miesen, CEO of RWE Generation and Country Chair for the Netherlands: “With Solar Park Amer we demonstrate that it is possible to turn conventional asset sites into landmark projects that promote innovative solutions for a sustainable electricity system. The Netherlands are one of RWE's strategic core markets and we continue to contribute to the growth of renewable energy, as well as to CO₂ free, flexible capacity in the country.”

The solar panels float on a lake whose waters were once used as cooling water. The lake has not been used for that purpose for many decades, has no direct connection with the nearby Amer river and is therefore ideally suited for floating panels. To prevent the panels from drifting away in strong winds and colliding with the surrounding dike, they are anchored at 104 points to 52 concrete blocks sunk onto the bottom of the lake. These blocks weigh 4.6 tons each. A total of 25 kilometres of cable has been used to connect the panels electrically to the shore. The produced electricity is fed into the power station's grid.

Solar Park Amer

In 2018, RWE realised the first phase of Solar Park Amer, installing over 2,000 PV panels with 0.5 MWp on the roof of its power plant. In 2021, RWE further increased the capacity with ground-mounted PV installations. The 5,760 total panels have been in operation since last summer. With the commissioning of the floating project, the total capacity of Solar Park Amer has increased from 0.5 to 9 MWp. This is enough power to supply 2,300 average Dutch households.

Sustainable growth in the Netherlands

Besides its activities in solar, RWE has a well-established onshore wind business in the Netherlands. The company currently operates onshore wind farms with a total capacity of more than 330 megawatts (RWE's pro rata share) in the country. In the last two years, four new onshore wind farms with more than 115 megawatt capacity have come on line or are now in the final stages of commissioning.

Pictures of RWE's Floating PV project for media use are available at the [RWE Media Centre](#).



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RWE Renewables

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 €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.