

## Press release

### Milestone for large battery storage project: RWE erects first batteries at Neurath power plant

- **RWE builds one of the largest battery storage systems in Germany at company's power plant sites Neurath and Hamm in North Rhine-Westphalia**
- **250 battery blocks with storage capacity of 84 megawatt hours planned for second half of 2024 in Neurath**

Essen, 18 December 2023

Construction work on RWE's largest battery storage project in Germany to date is making swift progress. With 690 battery blocks, a storage capacity of 235 megawatt hours and an output of 220 megawatts (MW), RWE Generation is building one of the largest battery storage systems in Germany. The batteries are being installed at the RWE power plant sites in Neurath and Hamm.

In Neurath (80 MW, 84 MWh), the firsts of 250 battery blocks on an area of 7,500 m<sup>2</sup> were recently installed after the foundations and underground cabling had been put in place. The blocks each contain eight modules with lithium-ion cells. In addition to the batteries, the necessary grid infrastructure will also be installed over the coming months. This includes high-voltage transformers as a link between 110-kV grid and battery.

**Karl-Heinz Stauten, Head of Power Plants, RWE Power:** "It is impressive to see how rapidly the battery storage system is taking shape. In just a few months' time, one of the largest battery storage facilities in Germany will be put into operation here at Neurath, an energy location steeped in tradition, together with the sister project in Hamm. This is good news in terms of the structural change in the Rhenish mining area and a reliable electricity supply in an increasingly green world of energy."

From the second half of 2024, the battery storage system is to provide control energy for balancing the electricity grid within seconds of being called upon. This means that the system will take out excess power from the grid and feed it back in when it is needed in order to keep the grid frequency at the required level. In addition, the storage facility will be deployed on the wholesale market, with electricity being stored when prices are low and returned when they are high. The system will also be virtually networked with RWE power plants in Germany, which will make it possible to control whether the storage units work alone or in conjunction with other power plants to supply balancing energy. The new battery storage system will thus optimise the dispatch of RWE's German power plant fleet across different technologies. RWE

# RWE

is benefiting from many years of expertise in the energy storage sector. The company has the capability to provide detailed planning, modelling as well as system integration and commissioning of the project in-house and under one roof.

## Battery storage@RWE

As a driver of the energy transition, RWE develops, builds and operates battery storage systems in Europe, Australia and the US. Currently, the company operates battery storages with an overall capacity of around 500 MW and is implementing battery storage projects with a capacity of over 900 MW worldwide. RWE is planning to expand its battery storage business to six gigawatts worldwide by 2030.

At the start of 2023, RWE commissioned its [megabattery](#) in Lingen and Werne with a capacity of 117 MW. In March, the company acquired UK solar and battery developers [JBM Solar](#) with an advanced battery project development pipeline of 2.3 gigawatts. RWE is planning, building and operating innovative [combined solar and storage plants](#) in its German opencast mining sites. In addition, the company has won the bid for a [long-duration battery storage system](#) (50 megawatts / 400 MWh) in Australia.

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## RWE

*RWE is leading the way to a green energy world. With its investment and growth strategy Growing Green, RWE is contributing significantly to the success of the energy transition and the decarbonisation of the energy system. Around 20,000 employees work for the company in almost 30 countries worldwide. RWE is already one of the leading companies in the field of renewable energy. Between 2024 and 2030, RWE will invest 55 billion euros worldwide in offshore and onshore wind, solar energy, batteries, flexible generation, and hydrogen projects. By the end of the decade, the company's green portfolio will grow to more than 65 gigawatts of generation capacity, which will be perfectly complemented by global energy trading. RWE is decarbonising its business in line with the 1.5-degree reduction pathway and will phase out coal by 2030. RWE will be net-zero by 2040. Fully in line with the company's purpose - Our energy for a sustainable life.*

## Forward-looking statements

*This press release contains forward-looking statements. These statements reflect the current views, expectations, and assumptions of management, and are based on information currently available to management. Forward-looking statements do not guarantee the occurrence of future results and developments and are subject to known and unknown risks and uncertainties. Actual future results and developments may deviate materially from the expectations and assumptions expressed in this document due to various factors. These factors primarily include changes in the general economic and competitive environment. Furthermore, developments on financial markets and changes in currency exchange rates as well as changes in national and international laws, in particular in respect of fiscal regulation, and other factors influence the company's future results and developments. Neither the company nor any of its affiliates undertakes to update the statements contained in this press release.*

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