

Press release

RWE to build large-scale storage at Hambach mine

- **236 megawatts capacity and 470 megawatt-hours storage capacity**
- **First battery containers have been delivered; commissioning is planned for 2027**
- **Large-scale storage system balances fluctuations in the electricity grid in fractions of a second**
- **RWE currently constructing around 1.7 Gigawatts of battery storage capacity in Germany**

Essen, 28 July 2026

RWE is continuing to expand its battery storage portfolio and is constructing a new large-scale storage facility on the site of the Hambach opencast mine. The battery storage facility is being built near the village of Niederzier in the district of Düren. Preparatory work on a three-hectare site began at the end of 2025. The first of a total of 128 lithium-ion battery containers have already been delivered. The large-scale storage facility will have a capacity of 236 megawatts (MW) and a storage capacity of 470 megawatt-hours (MWh). The facility is scheduled to come on stream in 2027.

Nikolaus Valerius, CEO RWE Generation: “In Germany alone, RWE is currently building large-scale storage facilities with a capacity of around 1.7 gigawatts. The battery storage facility in Hambach is also a powerful partner for wind and solar power. It will balance out fluctuations in the electricity grid in a fraction of a second. The site, situated in the heart of the Rhineland mining region, offers ideal conditions for this.”

Thomas Körber, a member of the RWE Power Executive Board responsible for lignite: “The Rhineland mining region remains an energy hub, and that is good news. In addition to renewable energy plants, we are building storage facilities on opencast mining areas that are no longer needed. This is an important contribution to the energy transition, directly from the opencast mine.”

The battery storage facility in Hambach will play a key role in ensuring the stability of the power grid by, among other things, providing balancing energy. Furthermore, the plant is designed to provide future grid-support services, such as inertia. At the Hambach opencast mine, RWE has already commissioned three solar power plants with a total capacity of around 50 MWac, as well as an integrated battery storage facility with a capacity of 4.1 MW/8.1 MWh. A few kilometres away, in the area earmarked for the future Manheimer Bucht development, RWE is constructing an additional 14.8 MWac solar park alongside a battery storage facility designed for 80 MWh capacity.



Battery storage at RWE

As a driving force behind the energy transition, RWE develops, builds and operates battery storage systems in the USA, Europe and Australia. The company currently operates battery storage facilities worldwide with a combined capacity of 1.7 gigawatts, while a further 2.5 gigawatts are under construction. As an integral part of its growth strategy, RWE plans to significantly expand its battery storage capacity worldwide.

Images for media purposes are available in the [RWE media library](#) (Image credit: RWE).

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RWE

RWE is leading the way to a modern energy world. With its investment and growth strategy, 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 more than 20 countries worldwide. RWE is one of the leading companies in the field of renewable energy. RWE is investing billions of euros in expanding its generation portfolio, in particular in offshore and onshore wind, solar energy and batteries. It is perfectly complemented by its global energy trading business. Thanks to its integrated portfolio of renewables, battery storage and flexible generation, as well as its broad project pipeline of possible new builds, RWE is well positioned to address the growing global demand for electricity, particularly driven by further electrification and artificial intelligence. 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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