



Press release

RWE supercharges U.S. battery storage platform with three new projects totaling 190 MW and 770 MW under construction

- **14 GW BESS projects in RWE’s U.S. renewables development pipeline**
- **Globally, RWE’s battery storage capacity now stands at about 700 MW, with more than 1 GW of battery storage projects under construction**

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RWE continues to deliver on its Growing Green Strategy, further expanding its green energy portfolio in the U.S. with the recent completion of three new battery energy storage systems (BESS) totaling 190 MW (361 MWh), and 770 MW (2280 MWh) BESS under construction. The three new BESS — Bright Arrow, Big Star and Mesquite 4 — bring RWE’s total U.S. battery storage capacity to about 512 MW (1370 MWh). Additionally, at 14 GW, BESS comprises more than a third of RWE’s 36 GW onshore wind, solar and battery storage development pipeline in the U.S. Globally, RWE’s battery storage capacity now totals about 700 MW, with more than 1 GW of battery storage projects under construction.

“Battery storage is growing even more critical to enable the rapid deployment of wind and solar projects, help stabilize the U.S. power grid and better ensure that enough electric supply is available to meet demand,” said Andrew Flanagan, CEO of RWE Clean Energy. “As part of our Growing Green Strategy, we’re planning to increase our battery portfolio globally to 6 gigawatts by 2030, and these three new systems are contributing to that goal.”

Battery energy storage systems supply flexible and affordable electricity when it is needed most, making them an ideal partner for renewables. The three new BESS are paired with solar, allowing them to store excess electricity that is generated and send it back to the grid at a later time. They include:

- **Bright Arrow:** 100 MW (200 MWh) battery storage with 300 MWac solar PV project in Sulphur Springs, Texas. The project came online in December, with an additional 200 MWac of solar scheduled to achieve commercial operation in spring 2024. The BESS will participate in the ERCOT market and the solar PV electricity output will be provided to an affiliate of NRG Energy, Inc.
- **Big Star:** 80 MW (120 MWh) battery storage and 200 MWac solar PV project in Bastrop County, Texas. Big Star is completing testing and is scheduled to achieve commercial operation in March 2024. The BESS will participate in the ERCOT market and the solar PV electricity output will be provided to a third party.



- **Mesquite 4:** 10 MW (40 MWh) battery storage and 52.5 MWac solar project in Maricopa County, Arizona, which is expected to come online later this month. The addition of Mesquite 4 brings the total operating capacity of the Mesquite Complex to approximately 530 MWac. The solar PV electricity output and BESS services will be provided to Modesto Irrigation District (MID).

RWE has leveraged its in-house solid technical battery energy storage experience and project design, modeling and system integration capabilities to ensure the operation of safe, high-performing and reliable assets. Additionally, the company markets its energy storage assets through its proprietary dispatch and optimization algorithms to extract maximum market value from its battery and renewable asset portfolio.

Battery storage@RWE

As a driver of the energy transition, RWE develops, builds and operates battery storage systems in Europe, Australia and the U.S. RWE is planning to expand its battery storage business to 6 GW worldwide by 2030.

At the start of 2023, RWE commissioned [a battery system](#) 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 GW. 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 MW / 400 MWh) in Australia. In the U.S., the company connected its [first utility-scale battery storage system](#) to the California electric grid in 2023. The 137 MWac (548 MWh) installed capacity BESS — the company's largest storage facility in operation to date — is collocated with a 150 MWac solar PV array at the Fifth Standard complex in Fresno County, California.

For more information, visit americas.rwe.com.

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RWE in the US

RWE is a top tier renewable energy company in the United States. With more than 15 years in the U.S. renewables business, the company has an outstanding track record in developing, constructing, and operating renewable energy facilities. The approximately 2,000-person RWE team in the U.S. is fully committed to forging ahead with the clean energy transition in North America. Together with our partners, we develop innovative solutions and drive technological progress for our customers to help re-shape the energy supply for future generations. RWE Clean Energy, a subsidiary of RWE AG, operates a renewable energy portfolio of more than 9 gigawatts (GW) installed capacity of onshore wind, solar, and battery storage, making it the number four renewable energy company in the U.S. and the country's second largest solar owner and operator, present in most U.S. states. RWE Offshore Wind Holdings, a subsidiary of RWE Offshore Wind, is also developing offshore wind on both the east and west coasts of the U.S., including the company's first commercial scale floating wind project. As part of the RWE Group's Growing Green strategy to expand globally its green portfolio to more than 65 GW of installed capacity and to invest globally more than EUR 55 billion gross by 2030, the company has earmarked up to EUR 20 billion to significantly increase its operating asset base in the U.S. This is backed by a project pipeline of 36 GW in onshore wind, solar and battery storage and more than 6 GW of offshore wind, which provides for one of the largest development platforms in the U.S.

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.

