



Currently operating energy storage projects

How many energy storage projects are there in the world?

It has 9.4GW of energy storage to its name with more than 225 energy storage projects scattered across the globe, operating in 47 markets. It also operates 24.1GW of AI-optimised renewables and storage, applied in some of the most demanding industrial applications.

What will energy storage be like in 2035?

Energy storage installations globally will keep gaining momentum over the next decade as other markets pick up pace. BloombergNEF expects cumulative energy storage capacity in 2035 to reach 2 terawatts (7.3 terawatt-hours) - eight times the level in 2025. Utility-scale projects continue to dominate applications.

How can energy storage support the global transition to clean electricity?

To support the global transition to clean electricity, funding for development of energy storage projects is required. Pumped hydro, batteries, hydrogen, and thermal storage are a few of the technologies currently in the spotlight.

Why is energy storage important?

Energy storage plays a pivotal role in the energy transition and is key to securing constant renewable energy supply to power systems, regardless of weather conditions. Energy storage technology allows for a flexible grid with enhanced reliability and power quality.

China continued its high-growth energy storage market expansion in July 2025, with 1,556 new energy storage-related projects filed for registration, according to the Energy Storage...

Below is a list of the top 20 operational electrochemical energy storage projects worldwide, ranked by their energy storage capacity in megawatt-hours (MWh), showcasing the cutting-edge...

From the UK to the UEA and USA to Australia, Energy Digital Magazine runs through 10 of the most impressive energy storage projects worldwide. Energy storage plays a pivotal role in the ...

New data reveals the top five companies by US operating capacity - plus a list of five major projects scheduled to go live this quarter. The US energy storage market is one of the dynamic ...

Following similar pieces in 2022/23, we look at the biggest energy storage projects, lithium and non-lithium, that we've reported on in 2024.

Discover the world's biggest battery storage projects of 2025, including BYD's 12.5 GWh system in Saudi Arabia, Greenergy's 11 GWh Atacama project, and more shaping the global energy ...

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U.S. energy storage capacity will need to scale rapidly over the next two decades to achieve the Biden-Harris Administration's goal of achieving a net-zero economy by 2050. DOE's ...

Latest news on energy storage projects, BESS, capacity expansion, and regulatory updates across Europe, US & Canada, Latin America, and Asia Pacific. Discover how energy storage ...

Global energy storage additions are on track to set another record in 2025 with the two largest markets - China and US - overcoming adverse policy shifts and tariff turmoil.

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