
Western Europe energy storage power station construction in several phases

How many energy storage projects are there in Europe?

There are 147 energy storage projects under construction in Europe, with a total capacity of 14 GW, according to the European Energy Storage Inventory, launched by the European Commission. The European Energy Storage Inventory comprises operational, under construction, permitted, and announced energy storage projects across Europe.

How many battery energy storage systems were installed in Europe in 2024?

21.9 GWh of battery energy storage systems (BESS) was installed in Europe in 2024, marking the eleventh consecutive year of record-breaking installations, and bringing Europe's total battery fleet to 61.1 GWh. However, the annual growth rate slowed down to 15% in 2024, after three consecutive years of doubling newly added capacity.

What is the European energy storage inventory?

In March 2025, the Commission launched the European Energy Storage Inventory, a real-time dashboard that displays energy storage levels across different European countries. It is the first European-level tool of its kind and offers energy storage data across a full range of technologies.

How many megawatts of energy storage were installed in Europe in 2024?

Historic and forecasted megawatt installs of energy storage across Europe. Image: EASE /LCP Delta. A total of 11.9 GW of energy storage across all scales and technologies was installed in Europe in 2024, bringing cumulative installations to 89 GW.

Europe's energy storage at a glance, efficient and future-oriented. A comprehensive inventory of energy storage solutions. Data and facts for experts easily ...

International energy consultancy Wood Mackenzie has released groundbreaking research showing Europe's battery energy storage system (BESS) market is experiencing ...

The aim of the European Energy Storage Inventory is to record all European energy storage projects by status - in operation, planned and under construction -, by location and by technology. Most ...

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As of November 22 2025, both phases of the largest battery storage system in Europe have been completed and with the second phase awaiting commissioning.. The company is also building ...

The main energy storage method in the EU is by far "pumped storage hydropower", which works by pumping water into reservoirs when there is an electricity surplus in the grid - ...

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