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# European Union Large-Scale Energy Storage Power Station



## Overview

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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.

How big is Europe's energy storage capacity?

The latest edition of the European Market Monitor on Energy Storage by LCP Delta and The European Association for Storage of Energy (EASE), released today, highlights Europe's rapid expansion in energy storage capacity, which reached 89 gigawatts (GW) by the end of 2024.

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 11.9GW of energy storage across all scales and technologies was installed in Europe in 2024, bringing cumulative installations to 89GW.

When will Europe's energy storage capacity reach 10GW?

Europe has seen its first year when energy storage deployments by power capacity exceeded 10GW in 2023, according to consultancy LCP Delta.

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Energy storage markets Many European energy storage markets are growing strongly, with 4.9 GW (12.1 GWh) of utility-scale (front-of-the-meter) energy storage deployed in 2024, giving an ...

European battery storage installations set a new record in 2024 with 21.9 GWh added, bringing total capacity to 61.1 GWh despite a ...

Europe has seen its first year when energy storage deployments by power capacity exceeded 10GW in 2023. The eighth annual edition of the European Market Monitor on ...

European Energy Storage Inventory Real-time Energy Storage Dashboard Disclaimer: The European Energy Inventory Storage dataset is mainly based on public data and data from ...

Power storage capacity in the EU 2024, by technology Operational power capacity of energy storage installations in the ...

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