

The scale of solar energy storage in the EU





Overview

How much energy storage will Europe have in 2024?

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 estimated total of more than 13 GW. Different studies have analysed the likely future paths for the deployment of energy storage in Europe.

How many energy storage installations are there in Europe?

The total number is slightly higher than the 2024 figures released a couple of months ago by the European Association for Storage of Energy (EASE), which, in partnership with the consultancy LCP Delta tallied 21.1GWh of installations last year in its ninth annual European Market Monitor on Energy Storage (EMMES) report.

Should the European Commission adopt an energy storage action plan?

The European Commission must adopt an Energy Storage Action Plan within a broader Flexibility Package, to harmonise markets, remove regulatory barriers, and ensure storage is integral to national energy strategies.

How can European policymakers help the battery storage sector?

Recommendations
How can European policymakers help the battery storage sector
Battery storage systems are essential for strengthening the EU's energy security and competitiveness by enhancing flexibility, providing ancillary services to secure the grid, maximising the use of renewable energy, and effectively dealing with energy price



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