

# European energy storage direction

How does energy storage work in the EU?

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 - for example on a sunny or windy day - and releasing it when more energy is needed.

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 much energy storage has been installed in Europe in 2024?

A total of 11.9GW of energy storage across all scales and technologies was installed in Europe in 2024, LCP Delta has said.

Why is the EU a safe and secure energy system?

The EU aims to ensure the safe and secure use of civil nuclear energy, which generates almost 23% of the EU's electricity. A resilient EU energy system ensures secure supplies at any time, even during human-made accidents, natural disasters or other disruptions.

What are Europe's Energy Policy Priorities?

The EU's energy policy priorities include investing in clean energy, making energy affordable for households and companies, and ensuring access to secure and diversified energy supplies, including by eliminating Europe's dependency on Russian fossil fuels.

How can the EU ensure a just energy transition?

EU policies and local initiatives ensuring a just energy transition by engaging with and supporting citizens right across the EU. EU programmes, calls for tenders and private-public initiatives are available to finance energy projects. This call for evidence is open until 13 October 2025.





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