

Why is energy storage important in the EU?

It can also facilitate the electrification of different economic sectors, notably buildings and transport. The main energy storage method in the EU is by far 'pumped hydro' storage, but battery storage projects are rising. A variety of new technologies to store energy are also rapidly developing and becoming increasingly market-competitive.

Does the EU have a strategic energy storage system?

The EU's energy system is developing other energy. Combined with the effect of the EU energy crisis, the development of oil storage and nuclear energy development in France and Germany is used to analyze the strategic energy storage and development in the EU. Table 9. The oil storage system in EU member countries.

4.1.1. France

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.

What does the European Commission say about energy storage?

The Commission adopted in March 2023 a list of recommendations to ensure greater deployment of energy storage, accompanied by a staff working document, providing an outlook of the EU's current regulatory, market, and financing framework for storage and identifies barriers, opportunities and best practices for its development and deployment.

How big is Europe's energy storage capacity in 2024?

This report highlights Europe's rapid expansion in energy storage capacity, which reached 89 gigawatts (GW) by the end of 2024. In 2024, EASE has been instrumental in shaping policies for the evolving energy storage sector.

How much energy storage will Europe have in 2022?

Many European energy-storage markets are growing strongly, with 2.8 GW (3.3 GWh) of utility-scale energy storage newly deployed in 2022, giving an estimated total of more than 9 GWh. Looking forward, the International Energy Agency (IEA) expects global installed storage capacity to expand by 56% in the next 5 years to reach over 270 GW by 2026.



European energy storage channel strategy research



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