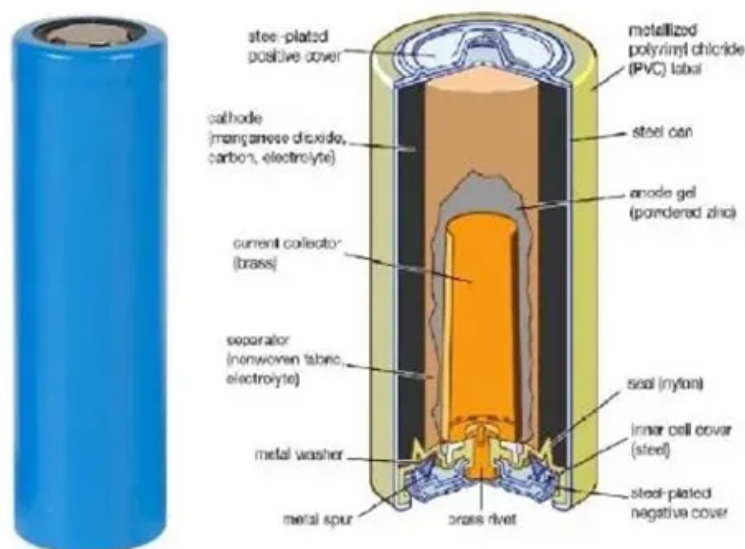


EU Energy Storage Projects





Overview

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. How many energy storage projects are there in Europe?

The goal is to list all planned and operational energy storage projects in Europe by location and technology. The dashboard can be filtered by country, project status and technology. It lists 32 countries and is led by Germany, with 472 projects. It is followed by the United Kingdom (455 projects), Spain (147 projects) and Italy (112 projects).

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.

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 is the European Commission doing about energy storage?

The European Commission in 2020 published a study on energy storage, which summarized some previous studies and reports, explored current and potential energy storage markets in Europe, and set out policy and regulatory recommendations for energy storage.

How is the EU advancing energy storage technologies?



The EU is advancing several key projects and initiatives in the energy storage field to boost renewable energy integration, stabilize the grid, and support clean energy goals. These initiatives and projects highlight the EU's commitment to advancing energy storage technologies and integrating renewables into the energy grid.

What are EU energy storage initiatives?

EU energy storage initiatives are a key part of advancing energy security and the transition toward a carbon-neutral economy, improving energy efficiency, and integrating renewable energy sources into electricity systems, and can play an integral role in balancing power grids and saving surplus energy.



EU Energy Storage Projects



[List of the 200 largest battery project developers in Europe \[2025\]](#)

Get access to our list of the most important European renewable energy developers that realize battery storage projects (like Enso Energy, Cero Generation etc.) as an excel file. ...

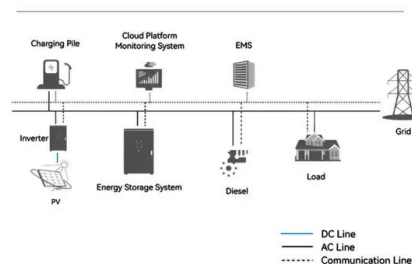
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[New report: European battery storage grows 15% in 2024, EU energy](#)

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 ...

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System Topology



[14 GW of energy storage capacity under construction in Europe](#)

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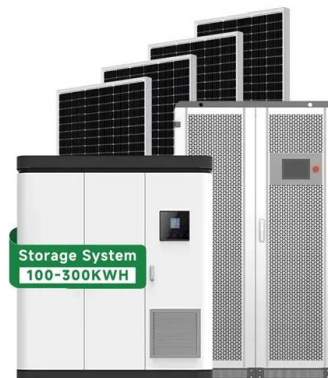
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[Top 10 BESS Developers in Europe , PF Nexus](#)

Explore how Europe's BESS landscape is transforming with significant developments in battery storage capacity. Learn about the key players and countries leading ...

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[New EU Tool Tracks Real-Time Energy Storage Across Europe](#)

A new interactive platform--the European Energy Storage Inventory --has been launched to provide near real-time insights into energy storage deployment across the EU, ...

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European ecosystem to advance innovation in energy storage devices New energy storage technologies are fundamental for more balanced and flexible grids, for back-up ...

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[EU launches real-time dashboard for energy storage expansion](#)

The goal is to list all planned and operational energy storage projects in Europe by location and technology. The dashboard can be filtered by country, project status and technology.

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[Energy storage market analysis in 14 European ...](#)

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[New EU Platform Highlights Over 1771 Energy Storage Projects](#)

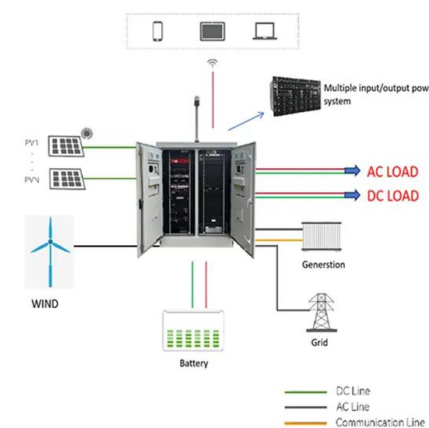
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Energy storage

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The dynamics of the European energy storage market are not limited to individual major projects, but also includes significant developments in the field of home storage and ...

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[Energy Storage in Europe: Trends, Projects, and Outlook for 2025](#)

State of the Energy Storage Market in Europe in 2025 The European energy storage sector is experiencing dynamic growth, aligning with global trends. In 2024 alone, ...

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[Who are the key players driving EU storage deployment in 2024?](#)

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[Key Projects, Initiatives and Market , JRC SES](#)

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[What are the EU energy storage projects? , NenPower](#)

The paramount goal of energy storage projects within the European Union focuses primarily on facilitating the transition to renewable energy. By effectively managing the ...

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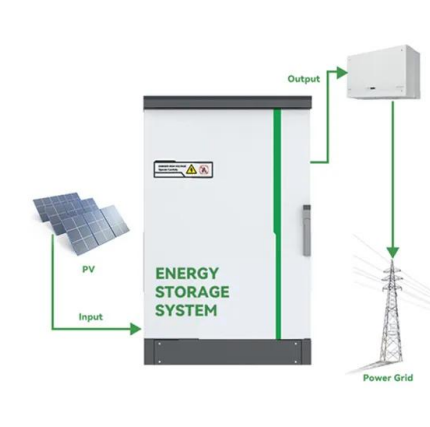




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[Energy storage in Europe: Poised for greater role in power system](#)

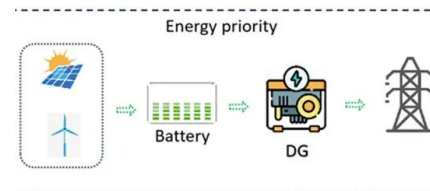
The European Union (EU) energy system is undergoing a profound transformation characterised by an increasing share of renewable energy sources (RES), several more ...

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[Europe installed 10GW of energy storage in 2023](#)

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

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[Europe installed 12GW of energy storage in 2024](#)

A total of 11.9GW of energy storage across all scales and technologies was installed in Europe in 2024, bringing cumulative installations to 89GW. According to the ninth annual ...

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