

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 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.

Will energy storage revolutionize Europe in 2024?

The race to revolutionize energy storage stands at a critical turning point in 2024. As renewable energy adoption accelerates across Europe, the transformative potential of energy storage has never been more significant.

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.

Should energy storage be regulated in Europe?

As renewable energy continues to expand in Europe, energy storage must keep pace to ensure the grid remains flexible and stable. The Energy Storage Coalition urges the European Commission to develop an Action Plan on Energy Storage, providing much-needed regulatory clarity and supporting Member States in scaling up energy storage capacity.

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.

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The European Commission already issued guidelines for unlocking the potential of energy storage, but storage is only one tool in the flexibility toolbox. An EU action plan on ...

6 hours ago; Press Release, 12 September 2025 Honeywell Ionic(TM) Modular All-in-One battery energy storage system (BESS) is a scalable, plug-and-play solution designed for seamless ...

The Energy Storage Coalition urges the European Commission to develop an Action Plan on Energy Storage, providing much-needed regulatory clarity and supporting ...

The European Energy Storage Market Monitor (EMMES) updates the analysis of the European energy storage market (including household storage, industrial ...

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Beyond traditional lithium-ion batteries, breakthrough technologies like solid-state cells, hydrogen fuel systems, and gravity-based storage are reshaping how we capture and ...

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2 days ago; More than 50 utilities, hydropower suppliers and energy focused associations have already backed the initiative committing to support the rollout of pumped hydro storage in Europe.

With solar energy mainstreaming across the continent, now is the time for European decisionmakers to put batteries at the centre of a flexible, electrified, energy system.

The latest analysis from SolarPower Europe reveals that, in 2024, Europe installed 21.9 GWh of new battery energy storage systems (BESS), ...

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, ...

Our coverage of the Energy Storage Summit EU 2025, Europe's biggest industry conference, continues with Day 2.

Beyond traditional lithium-ion batteries, breakthrough technologies like solid-state cells, hydrogen fuel systems, and gravity-based storage are ...

The European Commission says it will introduce an energy storage package in 2025, as outlined in a new report on progress by member states toward 2030 clean energy ...

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The European Energy Storage Inventory, developed by the Joint Research Centre (JRC) of the European Commission, is a new interactive platform that maps and analyzes over 1771 energy ...

Discover how the EU Battery Regulation will impact battery manufacturers, importers, and the entire supply chain.

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 ...

Discover the evolving policies and regulations of the European Union and United Kingdom, with both issuing landmark legislation in the energy storage.

Exide Technologies has signed a new contract with an Italian foundry, specializing in structural castings for the machine and energy sectors, to deliver its Solition Mega Three, a ...

As Europe continues its transition to a more sustainable and resilient energy system, energy storage remains a critical enabler of renewable energy ...

The Energy Storage Coalition urges the European Commission to develop an Action Plan on Energy Storage, providing much-needed regulatory ...

Work on establishing new tripartite contracts in the EU is advancing rapidly, with Commissioner for Energy and Housing Dan Jørgensen confirming plans to start from the ...

The latest edition of the European Market Monitor on Energy Storage by LCP Delta and The European Association for Storage of Energy (EASE) highlights ...

No Energy Transition Without an Action Plan on Energy Storage Brussels, 15 October 2024 - The Energy Storage Coalition calls on the ...

The EU Battery Regulation contains articles about the restriction of substances, carbon footprint, recycled content, battery performance and durability, removability, safety of stationary battery ...

The International Energy Agency (IEA) said last month that grid-scale energy storage is now the fastest-growing of all energy technologies. It ...

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