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European energy storage orders next year



Overview

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MUNICH, Germany (Wednesday 7th May 2025): New analysis reveals another year of record installations for European* battery storage, despite slower year-on-year growth, according to the latest European Market Outlook for Battery Storage. 15% growth. Battery storage forecast. Drivers for battery.

Since 2020, the Commission publishes yearly progress reports on the competitiveness of clean energy technologies that present the current and projected state of play for different clean and low-carbon energy technologies and solutions. The 2025 report highlighted the urgent need to quickly deploy.

The latest edition of the European Market Monitor on Energy Storage (EMMES) reveals rapid expansion in energy storage capacity in Europe, reaching 89GW by the end of 2024. The report, now in its ninth edition, compiled by the European Association for Storage of Energy (EASE) and LCP Delta tracks.

Brussels, 15 October 2024 – The Energy Storage Coalition calls on the European Commission to implement a comprehensive Action Plan on Energy Storage, a crucial step to ensure Europe meets its energy transition goals. As the EU enters a new five-year term, it faces critical challenges in.

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 edition of the European Market Monitor on Energy Storage (EMMES) from trade association European Association for Storage.

New analysis reveals another year of record installations for European battery storage, despite slower year-on-year growth, according to the latest European Market Outlook for Battery Storage of SolarPower Europe. 21.9 GWh of battery energy storage systems (BESS) was installed in Europe in 2024. How many battery energy storage systems were installed in Europe in 2024?

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 Europe's total battery fleet to 61.1 GWh. However, the annual growth rate slowed down to 15% in 2024, after three consecutive years of doubling newly added capacity.

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.

How many megawatts of energy storage were installed in Europe in 2024?

Historic and forecasted megawatt installs of energy storage across Europe. Image: EASE / LCP Delta. A total of 11.9GW of energy storage across all scales and technologies was installed in Europe in 2024, bringing cumulative installations to 89GW.

What does 2024 reveal about energy storage in Europe?

So what does it reveal?

2024 was a record year for new energy storage deployments in Europe, with 12GW/21.9GWh increases in the total capacity. These were comprised of 4.9GW/12.1GWh increases in front-of-the-meter capacity and 7.1GW/9.8GWh increases in behind-the-meter 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.

How big is Europe's energy storage capacity?

The European Market Monitor on Energy Storage reveals rapid expansion in energy storage capacity in Europe, reaching 89GW by the end of 2024.

European energy storage orders next year



European Market Outlook for Battery Storage 2025-2029

The European Market Outlook for Battery Storage 2025-2029 analyses the state of battery energy storage systems (BESS) across Europe, based on data up to 2024 and ...

What will be the energy storage demand in europe next year

The future of energy storage in Europe in 2020 remains positive as the energy transition progresses. Although the market contracted in 2019 to 1 GWh, with a cumulative installed base ...



EU Plans Proposing Extension of Gas-Storage Goals to 2027

The main target is for EU underground storage sites to be 90% full by November, with intermediate thresholds for February, May, July and September. Maintaining ...

Europe Energy Briefs - Europe's energy storage ...

The study highlights the recent Clean Industrial Deal with new state aid rules and the Affordable

Energy Action Plan as promising for driving energy storage deployments in Europe - particularly from 2027 ...



European orders for energy storage demand next year

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.

Who are the key players driving EU storage deployment in 2024?

Italy, Germany, Spain, France and Ireland expected to be the leading EU countries for storage deployment between now and 2031 Tamarindo's Energy Storage Report ...



Energy storage: 5 trends to watch in 2025 , Wood Mackenzie

The scene is set for significant energy storage installation growth and technological advancements in 2025. Outlook and analysis of emerging markets, cost and ...

Europe's battery energy storage boom: Record ...

Revenue stacking models - where batteries participate in energy arbitrage, grid balancing, and capacity mechanisms - are already demonstrating viable business models in several markets. Strategic role in ...



2025, Batteries and hybridization year

Europe will increase sixfold its installed storage capacity. Growth winds are blowing in Europe too. In this regard, The European Energy Storage Association (EASE) projects an exponential growth, ...

Chinese Energy Storage Products Cool Down From Soaring ...

In 2023, the sales of Chinese energy storage products experienced a sharp decline in the European market, marking a drastic turn of events.



European Energy, OX2 emerge as storage winners ...

Denmark's European Energy and Sweden's OX2 AB are two of the winners in Poland's capacity market auction for the 2029 delivery year, according to preliminary results unveiled. Renewables Now is your ...

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, ...



Surge in Energy Storage Orders: Exceeding 247GWh from ...

While excess production capacity and a shrinking overseas demand for energy storage pose challenges, 11 leading companies have defied the odds. In the first 11 months of ...

Energy storage Europe situation and future trends

The situation of the energy storage Europe The demand can be seen from the perspective of orders at the end of the year, and there is no problem from the perspective of delivery to the second quarter of next year. Electricity ...



EUR-Lex

Notes that a cost-efficient energy transition towards a highly energy-efficient and renewable-based energy system for a climate-neutral economy requires a well-developed and smart energy grid, ...

EU parliament committee backs softer gas storage ...

A European Parliament committee voted on Thursday in favour of plans that would lower targets on filling gas storage, agreeing with concerns from member states the goals have driven prices higher.



Surge in Orders for Energy Storage Batteries from Leading ...

Explosion of Orders for Energy Storage Battery Companies such as CATL, EVE Energy, and BYD Amid the rapid transformation of the global energy landscape, the energy ...

EU parliament committee backs softer gas storage rules

A European Parliament committee voted on Thursday in favour of plans that would lower targets on filling gas storage, agreeing with concerns from member states the ...



Energy Storage Export Boom: Nearly 100GWh Orders in Q1, ...

According to CNESA Datalink's global energy storage database (incomplete statistics), overseas orders exceeded 150GWh, primarily from Americas, Europe, Australia, ...

Europe's Battery Storage Strategy at Crossroads as Policy ...

Europe's ambition to become a global hub for energy storage system (ESS) manufacturing is facing a sobering reality check. As the Clean Energy Associates' (CEA) Q2 ...



The European Association for Storage of Energy

On 2 July 2025, the European Commission published guidance on renewables, grid infrastructure and network tariffs. The communication aims to accelerate the rollout of grids, storage infrastructure and design future ...

EU agrees to loosen gas storage rules , Reuters

The European Union's member states have reached an agreement with the EU Parliament to loosen the EU's rules on filling gas storage, following concerns that earlier rules on this risked inflating



The European renewables market is driving the battery storage ...

The battery storage capacity in Europe is expected to increase five-fold between now and 2030. This will bring increased returns for energy companies, traders, and project ...

Energy Outlook 2025: Energy Storage

Last year, we shared the European Commission's series of recommendations on energy storage, which includes policy actions to achieve greater deployment of storage in the EU (list of recommendations ...



European energy storage: a new multi-billion-dollar ...

How we produce and consume electricity is changing fundamentally. In Europe, the capacity of renewable energy sources is growing very rapidly, while traditional power plants are slowly being ...

Europe's Battery Storage Hits 21.9 GWh Amid ...

Europe's battery energy storage market will grow quickly in the next few years, but not fast enough. By 2025, new installations will add 29.7 GWh, a 36% increase from the year before. By 2029, total capacity ...



Chinese EVs Battery Companies Secure Overseas Energy Storage Orders

In a move that underscores their global prowess, several Chinese EV battery companies are securing a slew of overseas energy storage orders as the demand for energy ...

EU plans 2025 energy storage package

The European Commission has announced a European Grid Package, to be launched in the final quarter of the year, which will focus on driving energy storage capacity to encourage investment in clean energy ...



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SolarPower Europe Report: European Battery Storage Expands ...

In 2024, Europe added 21.9 GWh of battery energy storage systems (BESS), marking the eleventh straight year of record-setting installations and raising the continent's ...

Action Plan on Energy Storage , Energy Storage ...

The growth of renewable energy sources is a vital step towards achieving the EU's climate and energy goals. Along with grid expansion & optimisation, the EU's ambition depends on expanding energy storage capacity to meet ...



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