

SolarTech Power Solutions

Southern Europe s new energy storage policy



Overview

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 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.

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.

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.

How big will energy storage be in the EU in 2026?

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. Different studies have analysed the likely future paths for the deployment of energy storage in the EU.

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ESS



Regulatory policies for enhancing grid stability through ...

Sep 3, 2024 · Battery Energy Storage Systems (BESS) have emerged as a crucial technology for mitigating these challenges by providing grid services such as frequency regulation, load ...

Recommendations on energy storage

Energy storage is a crucial technology to provide the necessary flexibility, stability, and reliability for the energy system of the future. System flexibility is particularly needed in the EU's ...



A European Market Design for Energy Storage

Jul 22, 2025 · "Energy storage is the underestimated cornerstone of the energy transition," says André Wolf, cep energy expert and author of the study. "Without a targeted storage strategy, ...

European Market Outlook for Battery Storage 2025-2029

May 7, 2025 · 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 ...



How Energy Storage Can Solve Southern Europe's Grid ...

Nov 3, 2022 · This is the first deep dive in our four-part series that explores why energy storage is key to addressing southern Europe's grid flexibility challenges, which are currently being ...

Energy policy: general principles

Parliament supports the diversification of energy sources and routes of supply. It has stressed the importance of the gas and electricity interconnections through central and south-eastern ...



New report: European

battery storage grows 15% in 2024, EU energy



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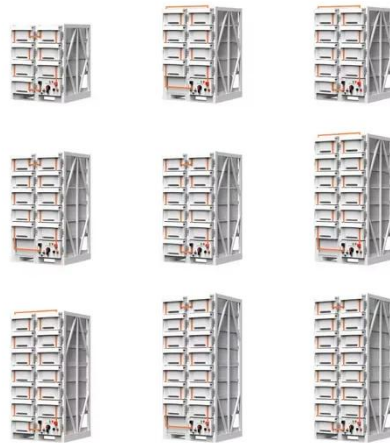
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6 days ago · Commercial and industrial (C& I) energy storage can significantly lower electricity costs, increase efficiency, and aid decarbonisation, but customers' safety concerns must be ...



Europe's Energy Storage Revolution: Powering a Sustainable ...

Why Europe's Energy Storage Demand Is Surging Let's face it - Europe's energy landscape looks like a jigsaw puzzle missing half its pieces right now. With renewable integration hitting record ...



Energy storage policy analysis and suggestions in China

Moreover, it addresses the recent change in the direction of the energy-storage policy for the State Grid and China Southern Power Grid and analyzes the primary problems existing in ...

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