

European air energy storage news



Overview

Developer FuturEnergy Ireland has announced its intentions to build Europe's first iron-air battery energy storage system (BESS).

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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.

A total of 49.4GW/136.5GWh of grid-scale BESS came online in the first nine months of the year, up 36% compared to the same period in 2024. BESS asset management in the UK has moved beyond the rudimentary 'project delivery and basic O&M' approach, a speaker at the upcoming Battery Asset Management.

Spanish utility Iberdrola has acquired the 270MW/1,080MWh Tungkillo battery energy storage system (BESS) in South Australia from RES Group. Energy storage developers are securing significant capital and strategic partnerships, with ESS Inc launching a 50MWh iron flow battery pilot, Energy Vault.

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.

The EU is a proud champion of renewable energy. By 2023, almost a quarter of all the energy we consumed came from renewable sources – double the share in 2010, when it sat at 12.5%. Building on this progress and to keep the momentum, in 2023, EU countries set the binding target of achieving a share.

Daylight Energy, which offers distributed solar and storage solutions to homeowners, has raised USD 75 million (EUR 64.5m) in fresh funds to expand

its decentralised power network. Oct 16, 2025 Deals Grid Africa receives USD 14m to deploy solar-storage projects Grid Africa has obtained USD 14.

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Gaelectric's Larne energy storage project gets EUR ...

Gaelectric's compressed air energy storage (CAES) project in Larne, Northern Ireland is getting a EUR-90-million (USD 96m) EU grant as ...

UK government awards funding to longer-duration

The first awards of funding designed to "turbocharge" UK projects developing long-duration energy storage technologies have been made by the country's government.



European and American Air Energy Storage: Powering the Future with Thin Air

Ever wondered how Europe and America are turning thin air into a power source? Imagine storing excess wind and solar energy in what's essentially a giant freezer - that's the magic of air ...



[Energy Storage Insider](#)

4 ???· Ireland's commitment to clean energy and sustainable practices has gained significant

momentum recently. As the country strives to reduce carbon ...



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 ...

EU needs 500GWh-780GWh of BESS to meet 2030 ...

EU will not meet its 2030 clean energy targets unless cumulative battery storage deployments rapidly accelerate, SolarPower Europe has said.



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

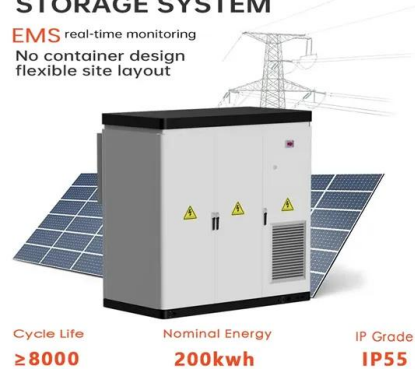
Revenue stacking models - where batteries participate in energy arbitrage, grid balancing, and capacity mechanisms - are already ...

Energy storage 'vital for carbon neutral Europe and Germany's ...

Calls have been made across Europe for recognition and support for the vital role that energy storage can play in decarbonisation, reducing air pollution and contributing to a ...

LIQUID COOLING ENERGY STORAGE SYSTEM

EMS real-time monitoring
No container design
flexible site layout



Cycle Life
≥8000

Nominal Energy
200kwh

IP Grade
IP55



Europe's renewables market powers battery storage ...

Europe's battery storage capacity is expected to grow around five-fold by 2030, bringing with it increasing returns for energy majors, project ...

In focus: Supercharging the transition with energy storage solutions

While renewable energy sources can't be depleted in the same way as fossil fuels, they are 'variable', meaning their availability fluctuates. That's where energy storage ...



UK unveils long-duration energy storage (LDES) ...

Energy-Storage.news' publisher Solar Media will host the 9th annual Energy Storage Summit EU in London, 20-21 February 2024. This year ...



Air isothermal compression technology for long term energy storage

Compressed Air Energy Storage (CAES) offers potential, but faces challenges including poor efficiency and reliance on fossil fuels. In this context, the EU-funded Air4NRG ...



ROUNDUP: Long-duration energy storage news in brief

This edition of our news in brief focuses on activities in long-duration energy storage, with Energy Dome, Malta Inc and Corre Energy.

From sunlight to stored power: how hot air could solve solar energy...

As the world shifts toward renewable energy, one major challenge remains: efficient energy storage. An EU-funded research team is exploring the use of compressed air to ...





ROUNDUP: Long-duration energy storage investments and assessments

9 June 2021: European Investment Bank-backed fund invests in compressed air and green hydrogen combo An Italian equity fund which counts the European Investment Bank among its ...

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 ...



Energy Storage Targets 2030 and 2050

EASE has published an extensive review study for estimating Energy Storage Targets for 2030 and 2050 which will drive the necessary boost in storage ...

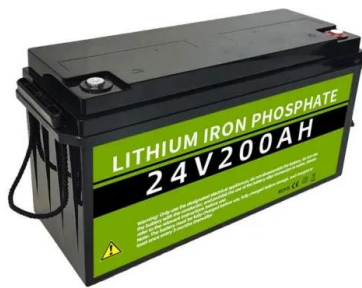
Energy Storage News , Today's latest by Renewables ...

Latest news on energy storage projects, BESS, capacity expansion, and regulatory updates across Europe, US & Canada, Latin America, and Asia ...



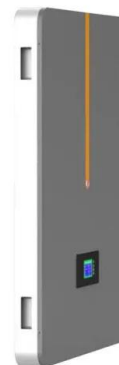
European Union votes to quicken standalone energy storage rollout

The European Union has voted to expand accelerated permitting for renewable projects to include standalone energy storage.



The Energy Storage Report 2024: Feature articles ...

The Energy Storage Report 2024 takes stock of the market in the US and Europe as BESS buildout accelerates. Image: Mortensen / Terra ...



Free access to new article on Economic Optimization of Liquid Air

The article Evaluating economic feasibility of liquid air energy storage systems in US and European markets (click here for free access until July 2, 2024) presents a general ...

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 ...



French compressed air energy storage system for ...

French multinational Segula Technologies has unveiled the Remora Stack, a sustainable renewable energy storage solution for industry, ...



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