



MODERNIZATION SOLAR

Is there a market for energy storage power in the EU





Overview

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 is the demand for energy storage solutions in Europe?

The demand for storage solutions is expected to grow exponentially with the EU aiming for 42.5% renewable energy by 2030. Government policies and regulatory frameworks are instrumental in driving the Europe energy storage market.

How does energy storage work in the EU?

The main energy storage method in the EU is by far 'pumped storage hydropower', which works by pumping water into reservoirs when there is an electricity surplus in the grid - for example on a sunny or windy day - and releasing it when more energy is needed.

Which energy storage technology is the most popular in Europe?

Pumped hydro is the most widely used technology for energy storage in Europe and worldwide, but batteries and hydrogen have come into the spotlight over the last decade as a recent trend in the energy storage market.



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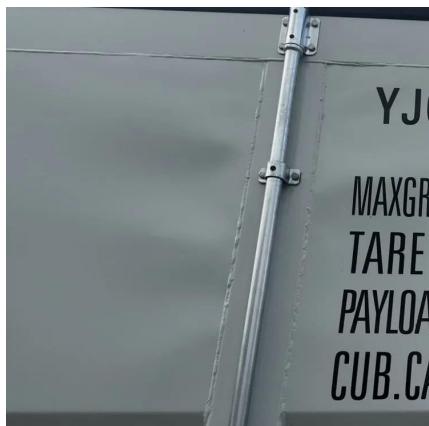


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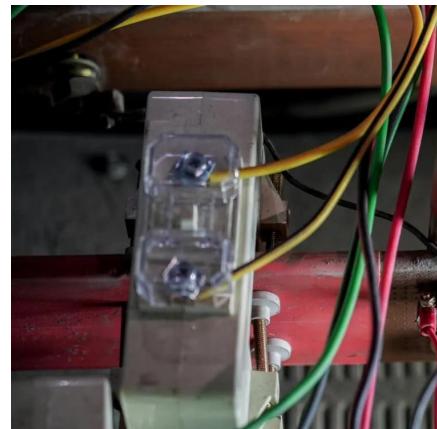
Energy storage

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