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European Battery Energy Storage Cabinet





Overview

Are battery storage systems a good investment in Europe?

Battery storage systems (BESS) are poised for significantly higher profits across Europe, with Rystad Energy analysis suggesting potential increases of over 15% in some countries. The positive shift follows changes to the European Union's (EU) power pricing structure introduced in October, making the economics of BESS projects much more attractive.

How much battery storage capacity does the EU have?

Narrowing the scope to the European Union (EU), 18.5 GWh of BESS were installed across the bloc in 2024, equivalent to 85% of existing installations on the continent. As consequence, EU total operating battery storage capacity reached 49.1 GWh at the end of 2024.

How many battery energy storage systems did Europe¹ install in 2024?

In 2024, Europe¹ installed 21.9 GWh of battery energy storage systems (BESS), marking the eleventh year of record-breaking annual additions since 2013, when our records began. The latest additions take the total running European battery fleet to 61.1 GWh at the end of 2024.

What is battery energy storage system (BESS)?

This change offers Battery Energy Storage System (BESS) operators enhanced opportunities for arbitrage—buying electricity during low-price periods and selling it when prices are higher. Since its implementation, this new system has led to an average increase of 14% in arbitrage potential across European power markets.



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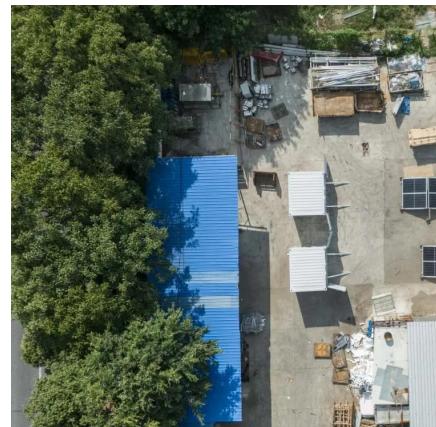
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