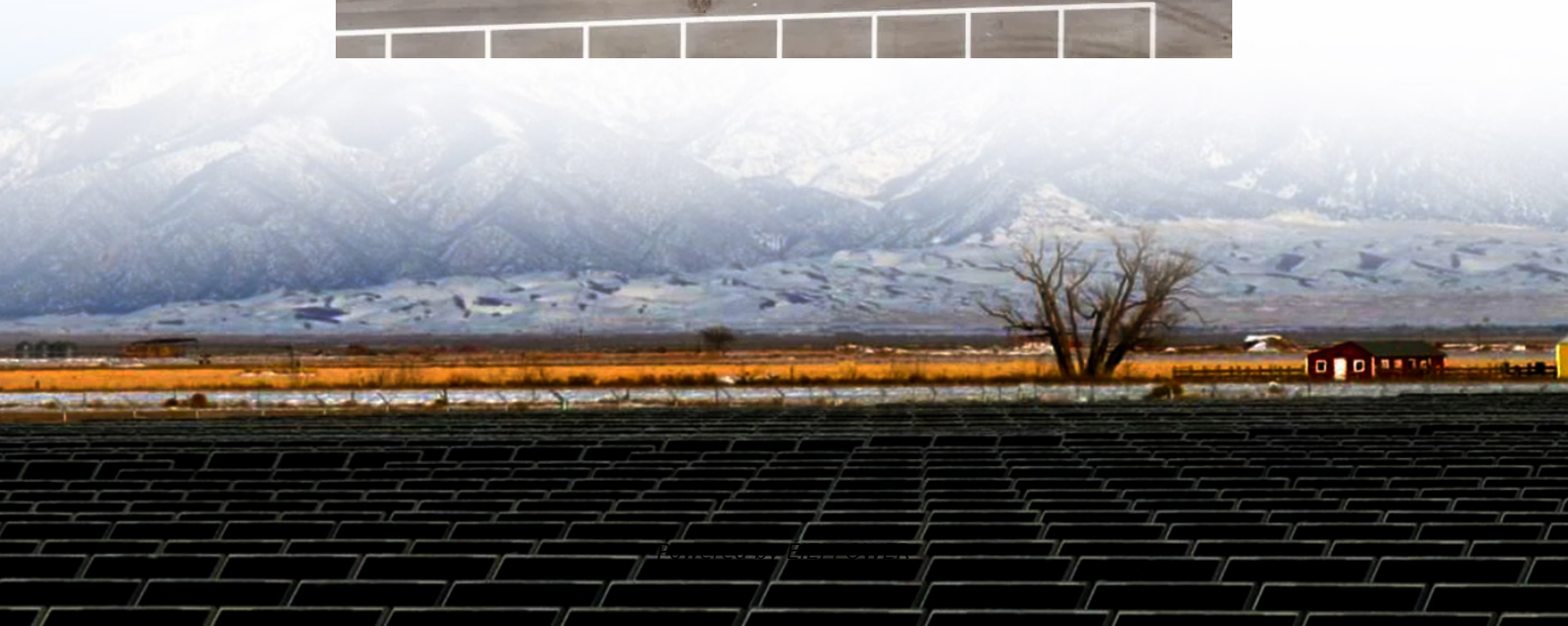


Distributed energy storage installations in Europe





Overview

A total of 11.9GW of energy storage across all scales and technologies was installed in Europe in 2024, bringing cumulative installations to 89GW. How big is energy storage in Europe?

Pumped-hydro storage (PHS) dominated the market, accounting for 53 GW of total capacity. Meanwhile, electrochemical storage reached 35 GW, with many installations in homes and businesses. The rate of energy storage adoption varied across European countries in 2024.

What is the European energy storage inventory?

A new interactive platform delivers real-time clean energy storage insights as Europe shifts toward sustainable energy sources. Energy storage helps to balance supply and demand. The European Energy Storage Inventory is the first of its kind at European level to show all forms of clean energy storage solutions.

How many energy storage projects are there in Europe?

There are 147 energy storage projects under construction in Europe, with a total capacity of 14 GW, according to the European Energy Storage Inventory, launched by the European Commission. The European Energy Storage Inventory comprises operational, under construction, permitted, and announced energy storage projects across Europe.

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.



Distributed energy storage installations in Europe



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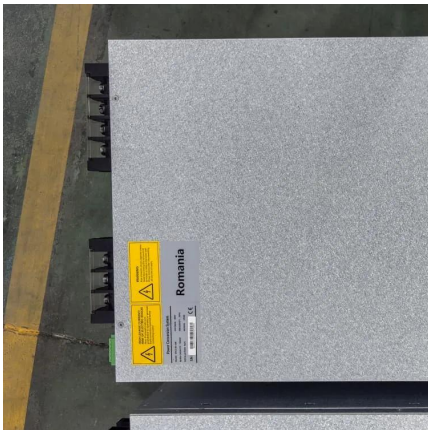
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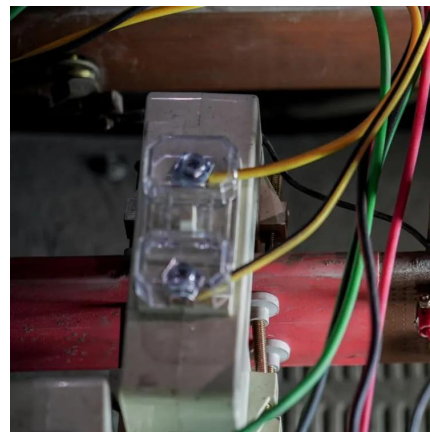


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