

France bans solar container lithium battery storage stations





Overview

When will France enact EU regulations on batteries & waste batteries?

France enacted a law on 22 April 2024 implementing EU Regulation 2023/1542 on batteries and waste batteries, alongside other provisions adapting French law to EU regulations across various sectors. Article 14, which outlines due diligence obligations for battery operations, will enter into force on 18 August 2025.

How much battery capacity does France have?

In France, the current storage capacity includes nearly 5 GW of pumped hydro storage and 1 GW in battery systems. As flexibility needs grow in line with the energy transition, Clean Horizon estimates that battery capacity in the country will reach 6 GW by 2030.

How big will battery capacity be in France by 2030?

As flexibility needs grow in line with the energy transition, Clean Horizon estimates that battery capacity in the country will reach 6 GW by 2030. The storage business model in France is currently based largely on system services, in particular aFRR. But in the medium term, arbitrage on the wholesale markets will take over.

How much does solar energy cost in France?

That €0.04/kWh price for excess power from small solar arrays compares with an average electricity price in France of €0.2146/kWh. “We must continue to communicate with the general public so that they don’t abandon the idea of investing in solar energy,” said the Hello Watt renewable electricity supplier.



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A 72V lithium battery is a high-voltage energy storage unit with a nominal voltage of 72 volts, designed for applications requiring robust power output and efficiency. [pdf]

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