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Exchange on the use of French energy storage containers in rural areas





Overview

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.

Why is electricity storage a strategic source of revenue?

By storing electricity produced when it is abundant (and cheap) and feeding it back into the grid when demand is high (and therefore at higher prices), storage is becoming a strategic source of revenue. Several countries are actively supporting this dynamic through targeted measures.

Can a local authority regulate a battery energy storage system?

The local authority (Prefect) may take ad hoc regulation for individual installations or regional general binding rules for BESS. Some regions have already implemented regional BESS-specific regulations. Project for national ordinance regarding outdoor battery energy storage systems using Li technologies (work in progress).

What is electricity storage & why is it important?

Electricity storage plays a key role in balancing power grids, providing flexibility to grid operators. In France, the current storage capacity includes nearly 5 GW of pumped hydro storage and 1 GW in battery systems.



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Présentation PowerPoint

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