
What are the benefits of energy storage solars in Latvia

What is Latvia's Energy Strategy 2050?

Latvia's Energy Strategy 2050 outlines major changes in renewable energy production and storage, with significant investments planned in wind, solar, biomass, and biogas, as well as in energy storage technologies like batteries and subsurface systems to ensure supply stability .

When will battery energy storage systems be installed in Latvia?

The most recent update regarding BESS installations is that in Tume and Rezekne, Latvia's transmission system operator "Augstsprieguma tikli" (AST) in June 2025 installed battery energy storage systems with a combined capacity of 80 MW and 160 MWh, which will undergo testing until October 2025.

What is the main source of renewable electricity in Latvia?

Hydroelectric power is the main source of renewable electricity in Latvia, followed by solar, wind and biomass cogeneration plants. In 2024, solar power in Latvia grew over 3.1 times to 6.7% of total electricity, becoming the third-largest source, while wind reached a record 38 GWh and hydropower, despite a 16% drop, still provided 54%.

What is Latvia's recovery and Resilience Plan?

Latvia's Recovery and Resilience Plan plays a key role in the energy transition, supporting economic recovery through major investments in renewables like wind, solar, and biomass, as well as initiatives such as a 60 MW Battery Energy Storage System by 2026 and cross-border projects to synchronize with Continental Europe .

The Latvian Energy Puzzle: Why Storage Containers Matter Now Latvia's renewable energy capacity grew by 18% last quarter, but here's the kicker - nearly 30% of that potential gets ...

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Businesses seeking energy independence amid rising global fuel prices. With longer daylight hours in summer and improving storage systems, solar energy continues to ...

A 84 MW of solar and 26 MW of energy storage portfolio will be installed in Latvia under the Niam-Evecon partnership. Discover the full project details here.

Highly renewable energy mix: Latvia consistently ranks among Europe's leaders in renewable energy use, with major growth in wind, solar and bioenergy. Strategic location for regional ...

Energy storage systems play a critical role in ensuring a continuous flow of energy on the grid, especially by storing energy generated from inherently intermittent sources such ...

The hybrid solar and battery project offers a dual benefit to Latvia's energy landscape. The

solar park provides a large-scale source of clean electricity, reducing the ...

A solar PV plant in Latvia that Latvenergo deployed via subsidiary Elektrum. Image:
Latvenergo. Latvia state-owned utility and power generation firm Latvenergo intends to deploy
250MW/500MWh of BESS ...

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