

Riga Solar Energy Storage Container 80kWh





Overview

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%.

When will battery energy storage systems be installed in Latvia?

The most recent update regarding BESS installations is that in Tume and Rēzekne, Latvia's transmission system operator "Augstsprieguma tīkli" (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 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 .

Is Latvia ready for power to X & H2?

As can be seen, Latvia is currently focusing mainly on BESS, but research on the potential of power to x or power to H2 in Latvia is also being actively developed. Given Latvia's high share of renewable electricity, the need for electricity storage technologies will increase significantly.



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[Niam and Evecon to build Latvian solar-plus-storage portfolio](#)

Sep 13, 2024 · Image: Evecon. Clean energy investment company Niam Infrastructure and Estonian renewable power developer Evecon have announced plans to build a new solar-plus ...

[Solar Container , Large Mobile Solar Power Systems](#)

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[Energy Storage Container Production in Latvia: Powering the ...](#)

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 ...



[Riga Energy Storage Solar Power Powering Sustainable Futures](#)

SunContainer Innovations - Solar energy adoption in Riga has grown 42% year-over-year since 2020, according to Baltic Renewable



Energy Reports. But here's the catch - without proper ...



Latvia's path to energy transition: Expanding renewable energy ...

Jun 19, 2025 · In Latvia, renewable energy sources account for a significant portion of the country's electricity generation, with a target of 57% by 2030 [1]. Hydroelectric power is the ...

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