



ŁOTWA SYSTEM

Riga home solar energy storage





Overview

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 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%.

Who is responsible for the energy transition in Latvia?

Local authorities are responsible for municipal energy supply and renewable energy projects, with Latvia's energy transition guided by the National Energy and Climate Plan and the Energy Strategy 2050.

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 .



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SUNOTEC's 400MW Solar & 600MWh BESS Project Supercharges Latvia's Energy

Oct 22, 2025 · SUNOTEC builds massive solar and battery storage project in Latvia, boosting renewable energy, energy independence, and economic growth. A game-changer for Latvia's ...

Energy Storage Revolution: How Riga is Leading the Charge ...

Future-Proofing Through Policy Innovation Riga's municipal code now mandates 2-hour storage capacity for all new solar installations over 50kW. This forward-thinking regulation created a ...

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

Jun 19, 2025 · Latvia's Energy Strategy 2050 outlines major changes in renewable energy production and storage, with significant investments planned in wind, solar, biomass, and ...

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 ...

Smart building EnVElope with solaR Energy STorage (EVEREST) , Riga

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

Jun 19, 2025 · Latvia's Energy Strategy 2050 outlines major changes in renewable energy production and storage, with significant investments ...

European Energy Secures EUR37.9 Million Financing for Latvia's ...

Nov 11, 2025 · European Energy has announced the successful securing of EUR37.9 million in long-term project financing from Luminor Bank to develop a hybrid solar and battery energy storage ...

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Riga Energy Agency (REA) is a municipal agency founded in 2007 for the purpose of planning, management, monitoring and coordination of energy- and climate- smart and sustainable ...

European Energy secures financing for hybrid solar and storage ...

Nov 10, 2025 · European Energy has secured EUR 37.9 million of long-term project financing for a hybrid solar and battery storage project in Saldus, Latvia. Once operational, it will be among ...

SUNOTEC seals Latvian hybrid solar investment in landmark ...

Jul 8, 2025 · SUNOTEC acquires 400 MWp solar-plus-600 MWh storage project in Latvia, targeting grid connection by 2027 and bolstering the country's expanding clean-energy ambitions.



Latvia solar storage: Impressive EUR37.9M Boost Secured

Nov 21, 2025 · Danish renewables company European Energy has secured EUR37.9 million in financing for a major hybrid solar and energy storage project in Latvia, a landmark

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