

Latvian solar energy storage charging station





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 Latvia's first storage battery system?

In November 2024, Utilitas Wind Ltd inaugurated Latvia's first storage battery system with a capacity of 10 MW and 20 MWh in Targale, next to the existing wind park.

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.



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[Latvia: Latvenergo to deploy 250MW/500MWh BESS by 2030](#)

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 ...

[Hoymiles Powers Latvias Largest Energy Storage Project At ...](#)

The new energy storage system marks a major advancement for Latvia, which is working to stabilize its energy supply while supporting sustainable development. Hoymiles is ...



[SUNOTEC buys 400-MWp solar, 600-MWh ...](#)

Bulgarian-German renewable energy development and construction company SUNOTEC has acquired a project in Latvia that combines 400 MWp of solar capacity with 600 MWh battery storage from ...

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

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



[Targale Solar Park: 148 MW solar energy in ...](#)

The overall solar generation capacity in Latvia currently stands at 600 MW. The solar park in Targale will significantly boost Latvia's solar energy generation, strengthening its position in the renewable ...



[Latvia's path to energy transition: Expanding ...](#)

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 ...



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

Image: Evecon. Clean energy investment company Niam Infrastructure and Estonian renewable power developer Evecon have announced plans to build a new solar-plus-storage portfolio in Latvia.





[Niam, Evecon launch 110 MW Latvian solar storage initiative](#)

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.



[Hoymiles Powers Latvia's Largest Energy Storage Project at ...](#)

Targale, Latvia -- On November 1, 2024, Targale Wind Park held its grand opening, unveiling Latvia's first major energy storage facility. Hoymiles, as a key technology ...

[SUNOTEC buys 400-MWp solar, 600-MWh storage site in Latvia](#)

Bulgarian-German renewable energy development and construction company SUNOTEC has acquired a project in Latvia that combines 400 MWp of solar capacity with 600 ...



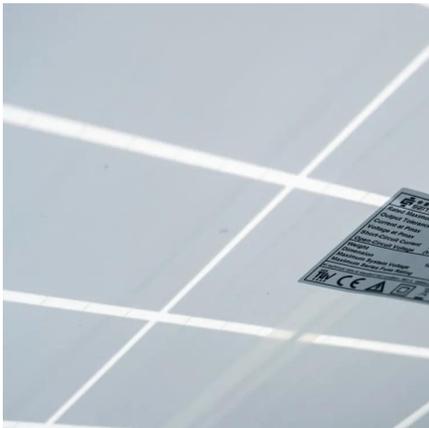
[Latvia: Latvenergo to deploy ...](#)

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 ...



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

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 ...



[Energy Systems , Invest in Latvia](#)

Latvia is among the TOP 3 EU countries in renewable energy share of total consumption. Strong growth in large-scale wind farms, solar installations and distributed energy systems. Rapid ...

[Targale Solar Park: 148 MW solar energy in Latvia's Ventspils ...](#)

The overall solar generation capacity in Latvia currently stands at 600 MW. The solar park in Targale will significantly boost Latvia's solar energy generation, strengthening its ...



[SUNOTEC seals Latvian hybrid solar investment in landmark ...](#)

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.



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