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## **Solar power generation energy storage pump in Latvian factory**

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 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.

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 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.

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 ...

The Collaboration of Niam, Evecon will also introduce 26 MW of energy storage linked to solar installations. (Photo Credit: Niam Infrastructure) Sweden-based Niam ...

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 ...

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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Such green financing is essential for covering the significant upfront costs associated with

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sourcing solar panel raw materials and constructing large-scale power plants. ...

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