

# Latvian solar energy storage power supply production plant





## Overview

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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%.

Does Latvia have solar energy?

So far, however, the development of solar energy in the country has been rather limited. According to Latvia's grid-operator Sadales tīkls AS, which is a subsidiary of Latvenergo, there was just 1.3 MW of renewable energy power installed under net metering at the end of 2016.

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.

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.



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### [Latvenergo invests heavily in battery systems, plans to ...](#)

A growing demand in the energy market for battery energy storage system (BESS) technologies is developing currently, and the trend is expected to remain stable in the future.

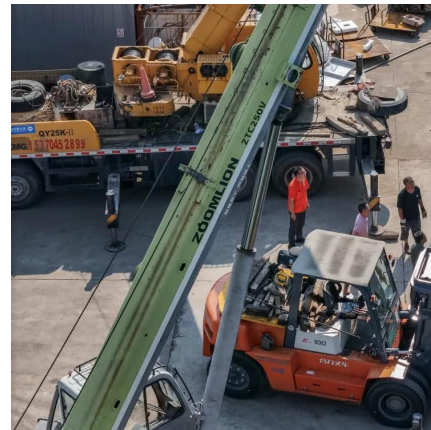
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### [Latvia solar storage: Impressive EUR37.9M Boost Secured](#)

Such green financing is essential for covering the significant upfront costs associated with sourcing solar panel raw materials and constructing large-scale power plants. ...



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## Danish Sun Energy sells large-scale co-located park with 400 ...

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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 ...

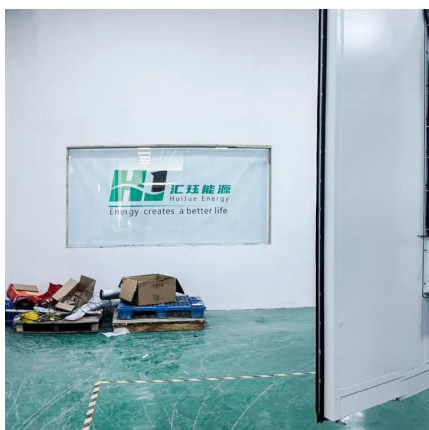
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## Latvia: Latvenergo to deploy ...

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 ...

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

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 main source of renewable electricity in ...

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## Danish Sun Energy sells large-scale co ...

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

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 ...

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