



GermanSolarZA

Latvian Energy Storage Power Station Project





Overview

Where is the first battery energy storage system in Latvia?

On November 1 Latvia's largest wind energy producer Utilitas Wind opened the first utility-scale battery energy storage battery system in Latvia with a total power of 10 MW and capacity of 20 MWh in Targale, Ventspils region.

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 the main source of renewable electricity in Latvia?

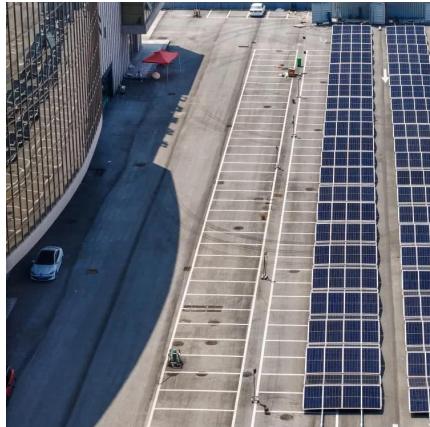
Hydroelectric power is the main source of renewable electricity in Latvia, followed by solar, wind and biomass cogeneration plants. In 2024, solar power in Latvia grew over 3.1 times to 6.7% of total electricity, becoming the third-largest source, while wind reached a record 38 GWh and hydropower, despite a 16% drop, still provided 54%.

What is Latvia's recovery and Resilience Plan?

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 a 60 MW Battery Energy Storage System by 2026 and cross-border projects to synchronize with Continental Europe .



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

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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The plan is to invest in battery energy storage system technology by installing 250 MW of power with a capacity of 500 MWh by 2030. The first BESS projects are being ...

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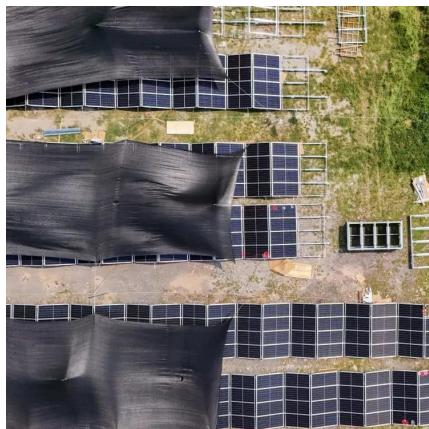
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[Latvia: Latvenergo to deploy ...](#)

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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Rolls-Royce has received an order from the Latvian transmission system operator Augstsprieguma tikls (AST) to supply a large-scale mtu battery storage system to secure the

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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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