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Latvia wind and solar energy storage power generation





Overview

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%.

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.

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.

Is Latvia ready for a green energy transition?

Solar and wind energy production alone experienced an impressive 92% surge in 2023 compared to 2022, and this momentum shows no signs of slowing down. Building on these achievements, Latvia has set ambitious targets for its green energy transition.



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[Green Energy in Latvia: The Rise of Solar and Wind Power](#)

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[Energy Storage Container Production in Latvia: Powering the ...](#)

The Latvian Energy Puzzle: Why Storage Containers Matter Now Latvia's renewable energy capacity grew by 18% last quarter, but here's the kicker - nearly 30% of that potential gets ...



[Latvia's Booming Renewable Energy Sector](#)

Building on these achievements, Latvia has set ambitious targets for its green energy transition. By 2030, we aim to source 57% of our total energy from renewable sources, with an ultimate ...

[Latvia's largest battery energy storage system unveiled](#)

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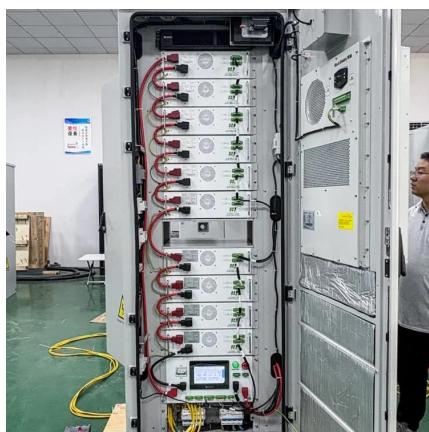


of 20 ...



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

Jun 19, 2025 · 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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[Electricity generated from solar and wind power up by 92](#)

Jun 9, 2024 · Moreover, wind power and solar power plants generated 92.5 % electricity more. Driven by the active installation of solar panels and development of solar parks, the amount of ...



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

Nov 6, 2024 · 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 ...



[Latvenergo Accelerates Energy Storage with 250 MW Target ...](#)

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