

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.

What is Latvia's Energy Strategy 2050?

Latvia's Energy Strategy 2050 outlines major changes in renewable energy production and storage, with significant investments planned in wind, solar, biomass, and biogas, as well as in energy storage technologies like batteries and subsurface systems to ensure supply stability.

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.

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%.

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The development of new technologies to improve the lifespan and efficiency of next-generation batteries is critical for sustainable energy storage. In this project, scientists from UL CFI's Energy Materials ...

Discover how Latvia's innovative energy storage initiatives are reshaping grid stability and renewable integration. This deep dive explores technical breakthroughs, market trends, and the strategic importance of battery ...

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 the most advanced hybrid ...

Latvenergo, Latvia's leading energy company, plans to install 250 megawatts (MW) of energy storage capacity by 2030. This ambitious target is part of a broader strategy to integrate renewable energy ...

The addition of two utility-scale battery energy storage systems (BESS) in Latvia marks the final milestone in synchronizing the Baltic power grids with continental Europe, according to the country's ...

Latvia's first utility-scale battery storage project has been commissioned, while Fotowatio Renewable Ventures has entered the Finland market.

Why Latvia's Energy Transition Matters Latvia's commitment to renewable energy and energy storage is more than just a climate strategy--it's a blueprint for economic resilience. With over 40% of its electricity already ...

The construction of the electricity storage battery system at the Targale wind park is a step towards the development of the frequency market in the region. "Such hybrid parks, combining different forms ...

Highly renewable energy mix: Latvia consistently ranks among Europe's leaders in renewable energy use, with major growth in wind, solar and bioenergy. Strategic location for regional energy interconnections, electric ...

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