

SolarTech Power Solutions

Latvia 105MW energy storage project



Overview

Managed by Utilitas, Latvia's largest wind energy producer, this project combines wind energy generation with advanced storage capabilities, setting a new standard for renewable energy infrastructure in the country. 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 .

Why are energy storage systems important in Latvia?

Energy storage systems are an essential element of Latvia's path towards a sustainable and energy-independent future. The importance of these technologies is being recognized and invested in by a growing number of companies and public institutions.

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 .

Are new wind farms a good investment for Latvia's energy security?

I am pleased that the bar has been set high for developers of new wind farms, which also plays an important role in the context of Latvia's energy security,"

said Climate and Energy Minister of Latvia, Kaspars Melnis. Given the total investment in the project, the OP Corporate Bank provided loan financing.

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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