

Kongres Container

Latvian Smart Solar Power System



Overview

How many solar farms are there in Latvia?

Expanding portfolio of solar projects Ignitis Renewables' portfolio of solar farms in Latvia currently consists of two solar farms already under construction – the 94 MW Vārme solar project in Kuldīga municipality and the 145 MW Stelpe solar project, which consists of two separate sites in Stelpe and Bārbale parishes in Bauska municipality.

When will Ignitis Renewables start a solar farm in Latvia?

The completion and commercial operation of these solar farms is planned for 2025. The current investment in the development of solar projects by Ignitis Renewables in Latvia is estimated at around EUR 284 million, which includes both construction and project development costs.

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%.

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.

How much money does Ignitis Renewables invest in Latvia?

The current investment in the development of solar projects by Ignitis Renewables in Latvia is estimated at around EUR 284 million, which includes

both construction and project development costs. Over the next few years, the Ignitis Group plans to invest a total of around EUR 700 million in Latvia.

What is Latvia's first storage battery system?

In November 2024, Utilitas Wind Ltd inaugurated Latvia's first storage battery system with a capacity of 10 MW and 20 MWh in Targale, next to the existing wind park.

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