
Riga solar Power Station Energy Storage Solution

When will battery energy storage systems be installed in Latvia?

The most recent update regarding BESS installations is that in Tume and Rezekne, Latvia's transmission system operator "Augstsprieguma tikli" (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.

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 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 .

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.

EK SOLAR Photovoltaic and Energy Storage Project The combined solar and BESS facility, capable of delivering up to 1 GW of baseload power 24/7, will include a 5.2-GW solar plant and ...

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 ...

Let's talk about Riga's energy storage revolution - where medieval charm meets cutting-edge battery tech. As of 2025, Latvia's energy storage capacity has grown 300% since 2020, with ...

The Collaboration of Niam, Evecon will also introduce 26 MW of energy storage linked to solar installations. (Photo Credit: Niam Infrastructure) Sweden- based Niam ...

Energy storage batteries are revolutionizing how industries and households manage power. In this article, we explore how Riga's cutting-edge battery technology addresses critical challenges ...

Why Energy Storage in Riga Can't Wait: The Grid Stability Crisis You know how your phone dies right when you need directions? Now imagine that happening to an entire city. Riga's aging ...

SunContainer Innovations - Solar energy adoption in Riga has grown 42% year-over-year since 2020, according to Baltic Renewable Energy Reports. But here's the catch - without proper ...

RIGA SOLAR ENERGY STORAGE BATTERY Energy storage in solar thermal power stations can be achieved through thermal energy storage (TES) systems¹. These systems absorb ...

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