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Latvian solar power base station

Overview

The solar park in Tārgale will significantly boost Latvia’s solar energy generation, strengthening its position in the renewable energy market as well as contributing to the country’s energy independence and increasing the share of renewables in the overall energy mix.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.

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.

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 .

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A solar PV plant in Latvia that Latvenergo deployed via subsidiary Elektrum. Image: Latvenergo. Latvia state-owned utility and ...

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

Laipni ludzam Solar Energy Latvia! Vieta, kur Jusu velmju istenosanai nepieciesama tikai viena pietura. Mes piedavajam augstakas klases ...

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

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In Latvia, renewable energy sources account for a significant portion of the country's electricity generation, with a target of 57% by ...

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The overall solar generation capacity in Latvia currently stands at 600 MW. The solar park in Targale will significantly boost ...

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Discover how Latvia is advancing its renewable energy goals with a EUR150M investment in the Baltic's largest solar park and another 100 MW facility.

Latvia is taking a major leap forward in its renewable energy transition with the development of a hybrid 65 MW solar park and a 92 MWh battery energy storage system ...

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The overall solar generation capacity in Latvia currently stands at 600 MW. The solar park in Targale will significantly boost Latvia's solar energy generation, strengthening its ...

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To date, Latvia has lagged behind its neighbors in the construction of solar energy parks. In 2023, Estonia's solar power capacity reached 822 MW, Lithuania's 1,165 MW, while ...

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A solar PV plant in Latvia that Latvenergo deployed via subsidiary Elektrum. Image: Latvenergo. Latvia state-owned utility and power generation firm Latvenergo intends to ...

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Variable Renewable Energy Sources (vRES, solar PV and wind)1 capacity in Latvia has grown from 100 MW in 2022 to over 420 MW in 2024 (Figure 1). The huge interest from ...

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