



BLINK SOLAR

Solar energy system applications in Latvia



Overview

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 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%.

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.

Solar energy system applications in Latvia



Latvia switches on 94 MW of solar - pv magazine International

Ignitis Renewables has started commercial operations at the 94 MW V?rme solar farm in western Latvia. The project is one of the country's largest PV installations to date.

Green Energy in Latvia: The Rise of Solar and Wind Power

Businesses seeking energy independence amid rising global fuel prices. With longer daylight hours in summer and improving storage systems, solar energy continues to ...



Latvia's path to energy transition: Expanding ...

Latvia's Energy Strategy 2050 outlines major changes in renewable energy production and storage, with significant investments ...

Latvia Energy Grants 2025: Solar, Wind, and Efficiency ...

Discover Latvia's 2025 energy grants and subsidies for solar panels, wind turbines, heat pumps, and energy efficiency improvements. Freen helps homeowners and ...



European Energy secures financing for hybrid solar and ...

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 ...

EBRD supports large-scale hybrid solar ...

The solar parks will be located in Valmiera, Kr?slava, Madona, and Saldus municipalities, and will integrate solar photovoltaic systems ...



T?rgale Solar Park: 148 MW solar energy in ...

The overall solar generation capacity in Latvia currently stands at 600 MW. The

solar park in T?rgale will significantly boost ...



Latvia to Build Baltic's Largest Solar Park in Major Energy Push

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.



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Customizable**



Latvia Energy Grants 2025: Solar, Wind, and ...

Discover Latvia's 2025 energy grants and subsidies for solar panels, wind turbines, heat pumps, and energy efficiency improvements. ...

Latvia switches on 94 MW of solar - pv ...

Ignitis Renewables has started commercial operations at the 94 MW

V?rme solar farm in western Latvia. The project is one of the ...



- TELECOM CABINET
- BRAND NEW ORIGINAL
- HIGH-EFFICIENCY



Estimation of LCOE for PV electricity production in the Baltic ...

Moreover, solar energy is the most accessible renewable energy for households, shielding consumers from volatile energy prices [3]. Recent studies highlight PV systems as ...

Latvia's path to energy transition: Expanding renewable energy ...

Latvia's Energy Strategy 2050 outlines major changes in renewable energy production and storage, with significant investments planned in wind, solar, biomass, and ...



T?rgale Solar Park: 148 MW solar energy in Latvia's Ventspils ...

The overall solar generation capacity in Latvia currently stands at 600 MW. The



solar park in T?rgale will significantly boost Latvia's solar energy generation, strengthening its ...

Latvia to get solar-power boost as energy company Sunly ...

Latvia is set to get more clean energy as a result of almost EUR 85 million in international financing for renewable-electricity provider Sunly. Estonia-based Sunly will use ...



Latvia to get solar-power boost as energy ...

Latvia is set to get more clean energy as a result of almost EUR 85 million in international financing for renewable-electricity provider Sunly. ...

EBRD supports large-scale hybrid solar energy rollout in Latvia

The solar parks will be located in Valmiera, Kr?slava, Madona, and Saldus

municipalities, and will integrate solar photovoltaic systems with wind power and battery ...



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