

**BLINK SOLAR**

# Latvian Gigawatt Solar



## Overview

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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.

Is Latvia ready for power to X & H2?

As can be seen, Latvia is currently focusing mainly on BESS, but research on the potential of power to x or power to H2 in Latvia is also being actively developed. Given Latvia's high share of renewable electricity, the need for electricity storage technologies will increase significantly.

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.

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### 94 MW capacity solar park inaugurated in Latvia

Ignitis opens its first solar park in Latvia with 94 MW, generating clean energy for 40,000 households.

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

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



### Ignitis Renewables expands green generation in the Baltics ...

Ignitis Renewables, an international green energy company, has completed its first solar project in Latvia where V?rme solar farm, located in the Kuld?ga municipality, has ...



## Ignitis Group completes 94MW solar PV ...

Lithuanian government-owned utility and renewables developer Ignitis Group has completed its first 94MW solar project in Latvia.



## Tērgale Solar Park: 148 MW solar energy in ...

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

## Latvia switches on 94 MW of solar - pv magazine International

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



## 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 ...

## V?rme Solar Farm: Latvia's Largest Solar ...

Latvia inaugurates the 94 MW V?rme solar farm, the largest in the Baltics. Learn how this massive project from Ignitis Renewables ...



## 94 MW capacity solar park inaugurated in ...

Ignitis opens its first solar park in Latvia with 94 MW, generating clean energy for 40,000 households.



## V?rme Solar Farm: Latvia's Largest Solar Project Powers Up

Latvia inaugurates the 94 MW V?rme solar farm, the largest in the Baltics.

Learn how this massive project from Ignitis Renewables powers up the grid with 99 GWh annually.



**1075KWHH ESS**



### **Electricity generated from solar and wind power up by 92**

Moreover, wind power and solar power plants generated 92.5 % electricity more. Driven by the active installation of solar panels and development of solar parks, the amount of ...

### **Ignitis Group completes 94MW solar PV project in Latvia**

Lithuanian government-owned utility and renewables developer Ignitis Group has completed its first 94MW solar project in Latvia.



### **Latvia's largest solar energy park so far comes online**

The largest solar energy park in Latvia has been opened in the Vērmē parish of

Kuldīga region. It is also the first such project connected to the Latvian high-voltage electricity ...



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

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 ...



## Tērgale 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 Tērgale will significantly boost Latvia's solar energy generation, strengthening its ...

## Latvia may boost solar power share in electricity to 10% this ...

Last year Latvia's installed solar power generation capacity grew rapidly to 661



megawatts (MW). The amount of energy produced at these plants tripled to 400 gigawatt ...



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## Contact Us

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