
Latvian Solar Ecosystem

Does Latvia have solar energy?

So far, however, the development of solar energy in the country has been rather limited.

According to Latvia's grid-operator Sadales tīkls AS, which is a subsidiary of Latvenergo, there was just 1.3 MW of renewable energy power installed under net metering at the end of 2016.

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.

What is the state of Environment (SoE) in Latvia?

The SOE reflects the overall state of environmental health of the country. The currently SOE (National Report on the State of Environment of Latvia 2008-2011) was prepared in 2012 and published on the internet in 2013.

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

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 ...

Latvia leads Europe in green energy with 43.5% renewables - solar parks, wind farms and sustainable use of natural resources

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

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 ...

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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.

Scoring System This country profile highlights the good and the bad policies and practices of solar rooftop PV development within Latvia. It examines and scores six key areas: ...

Renewables company European Energy announced October 3 it is ready to start construction of its first solar park in Latvia.

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