



Latvian buildings should install solar energy systems





Overview

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Latvia aims to increase renewable energy sources (RES) to 50% by 2030, but lacks specific solar targets in its current National Energy and Climate Plan (NECP). While a revised NECP draft has clearer goals, concerns remain about low targets on PV installations (from 19,000 microgenerators in 2023 to.

According to the National Energy and Climate Plan for 2021-2030 (<https://>), it is necessary to ensure resources, and especially fossil and non-sustainable resources significant reduction of consumption and simultaneous transition to.

Residents of apartment buildings in Latvia will soon have the opportunity to significantly save on electricity bills. The Ministry of Climate and Energy (KEM) has developed a new support program that is expected to be approved by the government by the end of the current year. According to the.

Several factors contributed to this growth, including a surge in electricity prices, at times surging more than tenfold, and the implementation of renewable energy (RE) use support measures to facilitate the acquisition of RE systems. Furthermore, 2023 witnessed numerous amendments to Latvia's.

Our portfolio includes cutting-edge renewable energy solutions—such as wind turbines, solar systems, and sodium and lithium-based energy storages —designed for both residential and industrial use. We also guide our clients through the entire grant application process, from early-stage investment.

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.



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Will we save money and stay warm?

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

Energy storage systems are an essential element of Latvia's path towards a sustainable and energy-independent future. The importance of these technologies is being ...



Frontiers , The potential of multiapartment rooftop PV systems as

Through extensive research, a model has been developed, employing a thoroughly tested simulation program for evaluating the generation capacity of photovoltaic systems. This ...

From potential to progress: Latvia's renewable energy landscape

As mentioned, Latvia already has significant advantages in renewable energy development, particularly thanks to hydropower plants and the future potential for wind and ...



Solar Panel Installation in Latvia: Is It Worth It in the Baltic

Many assume Latvia's northern latitude and cloudy winters make solar power impractical. But thanks to high-efficiency monocrystalline panels, falling costs, and generous EU/Latvian ...

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

For the analyzed typical PV system designed for a standard five-story apartment building, the most likely value of the LCOE provides a basis for assessing the profitability of ...



[TRANSLATION: Latvia Rooftop Solar Country Profile](#)

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[ENERGY EFFICIENCY IMPROVEMENT SUPPORT ...](#)



Therefore, the owners of private buildings may apply for the state support from 2021 to install solar panels, small wind generators or undertake any activities to increase energy efficiency at ...



[Guidelines for the Installation of Photovoltaic Systems](#)

The developed guidelines promote a common understanding of the requirements of regulatory acts in the use of renewable energy resources and energy construction in the ...

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

As Latvia strengthens its commitment to renewable energy and energy independence, an increasing number of government-backed subsidies and loan programs are ...





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