

SolarInnovate Energy Solutions

New photovoltaic panel prices in Latvia



Overview

How many solar panels are installed in Latvia?

As of June 2023, the number of solar panels installed by the Latvian population and connected to AS "Sadales tīkls" reached 15,000 units, and their total capacity exceeded 120 MW - about 15% of the total electricity consumption in Latvia on a sunny day. Solar panels have a lifespan of more than 25 years.

Why did PV systems increase in Latvia in 2022 & 2024?

Share of PV systems installed capacities. In Latvia, the installed solar photovoltaic (PV) capacity in single-family homes significantly increased in 2022 and 2024. This growth was largely driven by the availability of state support programs, the introduction of a net metering system, and rising electricity prices .

How long do solar panels last in Latvia?

Solar panels require almost no maintenance during their lifetime. In addition, rain cleans the surface of the panels well. The payback period for correctly adapting to the consumption of solar panels is 4-7 years. Why are more and more people in Latvia installing solar panels and inverters?

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Does Lithuania have a solar power target?

In the Draft Updated NECP , Lithuania has raised its 2030 solar power capacity target by 500 %, aiming for 5.1 GW. Latvia aims to increase the share of renewable energy to 50 % by 2030, but the current NECP does not include specific solar targets.

How many solar PV installations are there in the EU?

In that year alone, 56 GW of solar PV were installed in the EU, with two-thirds

of these installations on rooftops, empowering consumers and protecting them from high electricity prices while reducing land use.

How much solar energy does the Baltic region have in 2022?

Between 2022 and 2024, the expansion of solar energy production across the Baltic region has exceeded even the most optimistic forecasts. By June of 2024, Estonia's total installed solar capacity reached 879 MW, Lithuania attained 1.2 GW, and Latvia added nearly 500 MW.

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

Jun 1, 2025 · The results show that rooftop PV systems are economically viable, with median LCOE values of 0.08 EUR/kWh for Latvia and Lithuania and 0.09 EUR/kWh for Estonia at a 6 ...

LevelTen Energy European PPA Price Index: Solar and Wind Prices ...

Apr 22, 2025 · In Q1 2025, P25 solar prices on LevelTen Energy's Market-Averaged Continental Index exhibited a flat trend in price movements, with prices rising by only 1%. This marks the ...



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