

Latvia PV Energy Storage in 2023

Will Latvia install a 400 MW solar power plant in 2023?

In May 2023, Latvian developer PurpleGreen Energy B announced plans for a 400 MW solar power plant near the Russian border. According to the International Renewable Energy Agency, Latvia had installed 353 MW of solar capacity by the end of 2023. This content is protected by copyright and may not be reused.

Will Lithuania build a 100 MW solar plant in Riga?

Lithuania's SNG Solar is set to build a 100 MW solar plant in the port of Riga, Latvia. Upon completion, the facility will be one of the largest solar projects in the Baltics. Lithuanian solar developer SNG Solar has signed an agreement with the Freeport of Riga Authority to construct a 100 MW solar plant in the port of Riga.

Does Latvia have a gas storage facility?

Gas Storage Latvia owns the only functioning gas storage facility in the Baltic States, the Incukalns underground storage facility (2.47 bcm), and has a key role in ensuring its security of supply. This facility is undergoing enhancement works expected to be completed by 2025, which aims to increase the working gas volume to 2.8 bcm.

How much gas storage does Latvia have in 2022?

Latvia fulfilled its gas storage obligations last winter, reaching 57.7% by 1 November 2022 (around 38 percentage points above its legal obligation), and ended the heating season with a filling gas storage at 40.12% by 2 May 2023. Graph 4: Storage levels in Latvia Source: JRC calculation based on AGSI+Transparency Platform, 2022

Where is a 100 MW solar facility being built in Riga?

The 100 MW solar facility will be constructed on a 177.2-hectare site in Spilve Meadows, on the left bank of the Daugava River in Riga. This project is part of the Freeport's plan to transform the area into a hub for solar electricity production, energy storage, hydrogen, and alternative fuel production, as well as an industrial and logistics park.

What happened to electricity consumption in Latvia in 2023?

It is now marginal in Latvia's energy mix (less than 1% and 0.1 Mt in 2023). Electricity consumption dropped by 7% between 2021 and 2023 (6.4 TWh). It increased slightly between 2013 and 2021. It had previously soared between 2000 and 2007 (around +6%/year). Services dominate electricity consumption (39%).

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Primary energy trade 2016 2021 Imports (TJ) 183 083 163 967 Exports (TJ) 89 344 86 248 Net trade (TJ) - 93 739 - 77 719 Imports (% of supply) 99 87 Exports (% of production) 82 76 Energy self-sufficiency (%) 59 60
Latvia COUNTRY INDICATORS AND SDGS TOTAL ENERGY SUPPLY (TES) Total energy supply in 2021 Renewable energy supply in 2021 31% 21% 3% ...

A roundup of the biggest projects, financing and offtake deals in the energy storage sector that we have reported on this year. It's been a positive year for energy storage in 2023, with new markets opening up and ...

Smart meter penetration is at 98%, but grid tariff increases in 2023 led to government intervention for temporary compensation measures and tariff revision. This country profile highlights the good and the bad policies and practices of solar rooftop PV development within Latvia.

Central Statistical Bureau data published on September 6 show that 6 388 GWh of electricity were generated in Latvia in 2023 (27.0 % more than in 2022), of which 4 963 GWh from renewable energy resources (renewables).

In Italy, a "Superbonus" subsidy scheme for energy technologies including energy storage and renewable heat is being phased out and lower rates were paid out in 2023. While LCP Delta had thought this meant the high ...

According to IRENA, Latvia only recorded 54 MW of installed PV capacity at the end of 2023, which is a sliver of Estonia's solar gains (535 MW) and Lithuania's (568 MW). But Aboltins, a...

Renewables developer European Energy will build a 115MW solar PV project in Latvia, which it says will be one of the largest projects in the country.

The total electricity distribution system-connected solar generation capacity was 300 megawatts (MW) at the end of 2023, three times the year before when it was about 100 MW, the State JSC "Distribution Network" (Sadales tīkls, ST) reported on February 8. Of the 300 MW, about 53% were micro-generation plants, and the rest were solar power plants.

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Estonian renewable energy company Sunly is building three solar parks in Latvia with a cumulative capacity of 225 MW. The projects are being developed as hybrid ...

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2023 also saw AU\$4.9 billion (US\$3.2 billion) in new financial commitments for utility-scale energy storage and hybrid projects with storage, an increase from AU\$1.9 billion (US\$1.2 billion) in 2022.

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Central Statistical Bureau data published on September 6 show that 6 388 GWh of electricity were generated in Latvia in 2023 (+27% than in 2022), 4 963 GWh from renewables. The amount of electricity produced from the latter has increased by 30.0 % (1 146 GWh), with wind- and solar power plants generating 92.5 % more electricity.

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