

Which energy sources are used in Latvia?

Latvia has underground gas storage facilities at the Inčukalna UGS, with a capacity of 4.47 billion m³. Natural gas companies include Latvijas Gāze. Renewable energy includes wind, solar, biomass and geothermal energy sources. Almost half of the electricity used in the country is provided by renewable energy sources.

What is Latvia's energy demand?

Latvia's energy demand is dominated by an ageing building stock, which accounts for nearly half of total final consumption, with residential buildings alone accounting for a third of total consumption.

Does Latvia have a gas storage facility?

Gas Storage Latvia owns the only functioning gas storage facility in the Baltic States, the Inčukalna 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

How much electricity does Latvia use per capita?

In 2018, electricity consumption per capita was 3731 kWh. Latvia has adopted the EU target to produce 50% of its energy from renewable sources by 2030. The 2021-30 plan set a target of reducing greenhouse gas emissions by 65% compared to 1990. There is a target of being carbon neutral by 2050.

Can Latvia achieve energy savings by renovating its building stock?

Latvia could achieve considerable energy savings by renovating its building stock. Latvia holds considerable potential to accelerate energy efficiency outcomes in the buildings sector, which will go a long way toward meeting climate targets and lowering energy bills.

World leaders attending COP29 next month have been encouraged to sign a pledge to collectively increase global energy storage capacity to 1,500GW by 2030. The ...

Managed by Augstsprieguma tīkls (AST), Latvia's electricity network has 1,346 km of 330 kV lines and 3,893 km of 110 kV lines, with projects like a third link to Estonia and ...

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Latvia: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the ...

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of ...

Global installed energy storage capacity by scenario, 2023 and 2030 - Chart and data by the International Energy Agency.

This paper considers the potential for energy storage in Latvia and Lithuania ... signaling seriously lacking transmission capacity between both countries. Latvia and Lithuania, on the other hand, ...

Managed by Uutilitas, Latvia's largest wind energy producer, this project combines wind energy generation with advanced storage capabilities. The Tērgale Wind Park, ...

Latvia's gas storage capacity greatly exceeds its national consumption. For that reason, based on the Gas Storage Regulation (3), Latvia's filling (3) Regulation (EU) 2022/1032 of the European ...

On November 1 Latvia's largest wind energy producer Uutilitas Wind opened the first utility-scale battery energy storage battery system in Latvia with a total power of 10 MW and capacity of 20 ...

oLatvia reacted swiftly to the Russia military invasion of Ukraine by replacing Russian gas imports with new regional arrangements. Energy security is guaranteed by access to regional LNG ...

It is adding BESS to solar projects it has already been developing and the total energy storage capacity planned is close to 1GWh, across 25 sites. ... Investment firm Niam Infrastructure and developer Evecon ...

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From 1 January 2023 Latvia banned the import of natural gas from Russia. The replacement comes from connections to LNG terminals, the Klaipėda LNG terminal in Lithuania, and from 2024 the recently-opened Inkoo LNG terminal in Finland. JSC Conexus Baltic Grid is the natural gas transmission system operator in Latvia. International transmission pipelines are 577 km long, consisting of the Riga-Pahneva, Pleskava-Riga,

Izbors...

On November 1 Latvia's largest wind energy producer Utilitas Wind opened the first utility-scale battery energy storage battery system in Latvia with a total power of 10 MW and capacity of 20 MWh in Targale, Ventspils region.

A render of one of two BESS projects that Evecon and Corsica Sole will build in Estonia. Image: Evecon. Bids have been received by Latvia's grid operator AST for an ...

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Estonian renewable power and heat producer Utilitas has inaugurated the first utility-scale battery energy storage system (BESS) in Latvia, a 10-MW/20-MWh facility. ...

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