

Basic situation of new energy storage in Latvia

The new European Union Gas Storage Regulation dictates that Latvia will need to fill its gas storage facility to 35% of state consumption level by November 2022, as reported by representatives of Ministry of Economics. The ministry explains that when developing the new regulation the European Commission took into account Latvia's and Austria's unique situation. ...

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

The Latvia energy market report provides expert analysis of the energy market situation in Latvia. The report includes energy updated data and graphs around all the energy sectors in Latvia. ... Latvijas Gaze was unbundled in 2017: its transmission and storage operations were transferred to a new company named Conexus Baltic Grid, while gas ...

The largest energy storage battery system will provide energy storage to transfer the generated electricity to users when there is a shortage in the electricity system. The ...

This paper focuses on best practice project in Latvia - fully renewable district heating system assisted by solar collector system with thermal storage tank and woodchip boilers. The article demonstrates solar impact to district heating system (DHS) in the framework of the current situation of DHS in Latvia by creating simulation in TRNSYS ...

Niam and Evecon will deploy 84MW of solar power and 26MW of energy storage across 11 project sites in Latvia. Image: Niam Infrastructure. News from the Nordics and the Baltics, with BESS projects launched in Sweden, Denmark and Latvia by Centrica, Nordic Solar and Niam Infrastructure and Evecon.

Latvenergo said it will build the battery energy storage system (BESS) projects in response to increasing demand for flexibility and to synergise with its hydropower, gas-fired plants and solar and wind capacities under ...

Latvia's 2020 National Renewable Actions Plan targets a 40% share of energy generated from renewable sources in gross final energy consumption, 53% of heat consumption met by renewable sources and 60% of electricity demand met by electricity generate ... Carbon Capture Utilisation and Storage; Decarbonisation Enablers; Explore all. Topics ...

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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 80MW/160MWh BESS project while developers Corsica Sole and Everon will build a 200MW system in Estonia, as the Baltic region prepares to decouple from Russia's electricity system in ...

Its energy inflation at 48.8%, significantly exceeded the 36.9% reached in the euro area. Furthermore, with energy products comprising a larger share of Latvia's consumer spending its impact on consumer price inflation was bigger than in other countries. Besides the energy price shock, the supply of metal and

The study, ordered by Latvian transmission system operator JSC "Augstsprieguma tīkls" and carried out by Artelys, shows that innovative grid measures can help increase the hosting capacity of the grid by up to 40% in the best case. The increase of electricity demand in Latvia, especially hydrogen technologies, can allow to connect additional amounts ...

Generally, the primary energy mix of the Baltic States is relatively good diversified. As it is demonstrated in Fig. 3, petroleum products, solid fuels, renewable energies and gas take the leading positions of the Baltic energy consumption basket. The three Baltic States have high share of renewable energy sources in the energy mix in comparison with other countries of the ...

In Latvia, developer Utilitas Wind announced the official opening of a 10MW/20MWh battery energy storage system (BESS) last week (1 November) in Targale, a village in Latvia's north-eastern Ventspils region. The project is ...

The 10MW/20MWh project's opening event, attended by Latvia's energy minister Kaspars Melnis. Image: Hoymiles Power Latvia. In news from Europe's Baltic Sea region, Latvia's first utility-scale battery storage project ...

consumers of energy, whom the thermal energy is distributed and supplied from the heating source with or without the distribution pipeline system UL University of Latvia LEGMC Latvian Environmental, Geological and Meteorological Centre (State limited liability company) LNIFR Silava Silava Latvian National Institute for Forestry Research

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. ... Sungrow launches new C& I energy storage system. Apr 17, 2025. Zelestra starts building BKW-backed solar farm in Italy. Apr 17, 2025.

Installed at the Targale wind farm in Latvia's western municipality of Ventspils, the system can store up to 20 MWh and dispatch up to 10 MW of electricity. This fall, the facility ...

“A growing demand in the energy market for battery energy storage system (BESS) technologies is

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developing currently, and the trend is expected to remain stable in the ...

RIGA, Nov. 1 (Xinhua) -- Renewable energy company Utilitas Wind on Friday inaugurated the largest battery energy storage system (BESS) in Latvia to date, local media reported. Installed at the Targale wind farm in Latvia's western municipality of Ventspils, the system can store up to 20 MWh and dispatch up to 10 MW of electricity.

Hoymiles has announced the completion of Latvia's first major energy storage facility, in which it has played a pivotal role. The Targale wind park, managed by Utilitas, the country's largest wind energy producer, combines wind energy generation with advanced storage capabilities, setting a new standard for its renewable energy infrastructure.

Taking into account that Latvia has by the National Energy and Climate Plan committed to reach 100% renewable energy sources in final electricity consumption by 2030, development of the ...

Despite having grown over time and remaining twice as productive as the economy on average (Figure 1), Latvia's energy sector growth has decoupled from overall economic growth and the sector has gradually lost its ...

Managed by Utilitas, Latvia's largest wind energy producer, this project combines wind energy generation with advanced storage capabilities, setting a new standard for ...

Latvia has taken a significant step towards a greener future with the commissioning of its first utility-scale battery energy storage system (BESS). The 10MW/20MWh BESS, ...

POTENTIAL FOR ENERGY STORAGE IN LATVIAN AND LITHUANIAN PRICE AREA IN THE NORD POOL SPOT Karlis Baltputnis, Antans Sauhats, Olegs Linkevics Riga Technical University, Institute of Power Engineering, Azenes iela 12/1, Riga, LV-1048, Latvia Abstract This paper considers the potential for energy storage in Latvia and Lithuania

Hoymiles has announced the completion of Latvia's first major energy storage facility, in which it has played a pivotal role. The Targale wind park, managed by Utilitas, the ...

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