

Will electricity be the cornerstone of Latvia's energy transition?

Electricity will be the cornerstone of Latvia's energy transition. Latvia's hydro-dominated electricity system provides a favourable starting point to use clean electricity to decarbonise other economic sectors and meet the target of 57% renewables in total final consumption by 2030.

Does Latvia need liquefied natural gas?

For natural gas, Latvia will become heavily reliant on liquefied natural gas (LNG) supply as well as (soon to be expanded) gas storage. Meanwhile, Latvia will remain fully dependent on oil imports, and will have to manage supply diversification efforts (without Russian supply) accordingly. Latvia 2024 - Analysis and key findings.

How can wind and solar power projects help Latvia?

Bringing wind and solar power projects online will also help reduce Latvia's dependence on natural gas imports and can contribute to lower electricity prices; current efforts to develop offshore wind will support this outcome.

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.

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.

Can Latvia reduce oil consumption?

Around 95% of transport energy demand is met with oil products, indicating that Latvia has potential to both lower oil consumption and to switch from oil to alternative sources. Latvia's car fleet is relatively old and uptake of electric vehicles (EVs) to date has been slow.

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.

Relocatable and scalable energy storage offering allows for incremental substation capacity support during peak times, which delays the capital expenditure associated with equipment upgrades ; Compact, pre-tested and ...

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Europe's most powerful battery energy storage systems to be installed in Latvia for the security of the energy system ... Europe's most powerful battery energy storage systems to be installed in Latvia for the security of the energy system ...

Read more about large-scale battery storage "The battery storage systems are very important for our future energy system. I am delighted that they are being supplied by one of the world's most renowned manufacturers of energy storage systems," says Rolands Irklis, CEO of AST. Read more about solar projects in Latvia

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FlexPower is able to place your battery on all short-term electricity markets. In particular, this includes: day-ahead spot, intraday auction, intraday continuous, ancillary services: primary control reserve (fcr), secondary control reserve (afrr), and tertiary control reserve (mfrr).

The 6.25MWh Tener battery energy storage system (BESS) unveiling in April made headlines for two reasons. One was its high energy density, part of an industry move towards packing ever more capacity into 20-foot units, and the other was the firm's claim that the BESS would see no battery degradation for the first five years of operation.

FLEX programmas parstavji sniegs noradījumus un atbalstu ASV vizas sanemsanas procesa. Kas organizē šo programmu? American Councils for International Education organizē kandidātu izvērtēšanu, atlasī, informatīvos pasākumus, un celojumu dokumentus FLEX programmas ietvaros. American Councils ir starptautiska bezpeļņas ...

Flex (NASDAQ: FLEX) and Musashi Energy Solutions a group company of Musashi Seimitsu Industry Co., Ltd. (Tokyo Stock Exchange Prime Market: 7220), announced an extensive collaboration to supply Flex-designed and manufactured Capacitor-based Energy Storage Systems (CESS) featuring Musashi's Hybrid SuperCapacitor (HSC) technology. These ...

A battery energy storage system is a highly flexible asset that can reduce energy costs and contribute to energy security. With the price of lithium-ion batteries hitting a record low in 2023, battery energy storage systems have evolved into a cost-effective, reliable energy solution for many types of organizations including workplaces ...

Energy storage systems: Providing a reliable power option Consumers, commercial and industrial applications, and power grids all know the value of ESS as a backup energy source. These systems can store power from solar, wind, or the power grid for later use and can range in size to be small enough to hang on your garage wall or large enough to ...

Germany-based Rolls-Royce has been awarded a contract to supply two large-scale battery energy storage systems to Augstsprieguma tikls (AST), Latvia's transmission system operator, with a ...

ABB's fully digitalized energy storage portfolio raises the efficiency of the grid at every level with factory-built, pre-tested solutions that achieve extensive quality control for the highest level of safety. ... ABB eStorage Flex 20 - Fully integrated Energy Storage System (English - pdf - Data sheet) ... Latvia - Latvian; Lithuania ...

In collaboration with Renewable Energy Systems (RES), Flex has also completed the first successful installation of an energy storage solution for the US Department of Energy's National Renewable Energy Laboratory (NREL) at its National Wind Technology Center (NWTC) in Boulder, Colorado.

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