



# Latvia plans to build energy storage projects





## Overview

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Latvia's Energy Strategy 2050 outlines major changes in renewable energy production and storage, with significant investments planned in wind, solar, biomass, and biogas, as well as in energy storage technologies like batteries and subsurface systems to ensure supply stability.

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Energy company Latvenergo said February 18 it is investing heavily in battery systems with the stated intention of becoming the the Baltic market leader in battery energy storage systems (BESS). "A growing demand in the energy market for battery energy storage system (BESS) technologies is.

A growing demand in the energy market for battery energy storage system (BESS) technologies is developing currently, and the trend is expected to remain stable in the future. Similarly to solar energy and electromobility, this is a strategically new business area for Latvenergo, which is aiming to.

Latvia state-owned utility and power generation firm Latvenergo intends to deploy 250MW/500MWh of BESS in the next five years. 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.

As part of its strategic commitment to maintaining a leading position in renewable energy across the Baltic states, Latvenergo Group plans to install 250 MW of battery storage with a capacity of 500 MWh by 2030. Latvenergo, a state-owned energy company based in Latvia, plans are to expand its.

Latvenergo, Latvia's leading energy company, plans to install 250 megawatts (MW) of energy storage capacity by 2030. This ambitious target is part of a broader strategy to integrate renewable energy sources more efficiently and ensure grid stability. With renewable energy generation being.

Financing agreement with Luminor supports European Energy's delivery of large-



scale hybrid renewable project in Latvia. European Energy has secured EUR 37.9 million of long-term project financing for a hybrid solar and battery storage project in Saldus, Latvia. Once operational, it will be among. What is Latvia's Energy Strategy 2050?

Latvia's Energy Strategy 2050 outlines major changes in renewable energy production and storage, with significant investments planned in wind, solar, biomass, and biogas, as well as in energy storage technologies like batteries and subsurface systems to ensure supply stability .

What is Latvia's recovery and Resilience Plan?

Latvia's Recovery and Resilience Plan plays a key role in the energy transition, supporting economic recovery through major investments in renewables like wind, solar, and biomass, as well as initiatives such as a 60 MW Battery Energy Storage System by 2026 and cross-border projects to synchronize with Continental Europe .

When will battery energy storage systems be installed in Latvia?

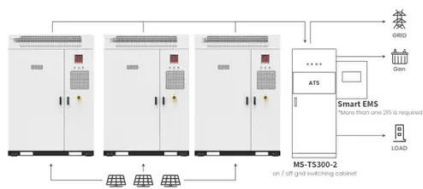
The most recent update regarding BESS installations is that in Tume and Rēzekne, Latvia's transmission system operator "Augstsprieguma tīkli" (AST) in June 2025 installed battery energy storage systems with a combined capacity of 80 MW and 160 MWh, which will undergo testing until October 2025.

Who is responsible for the energy transition in Latvia?

Local authorities are responsible for municipal energy supply and renewable energy projects, with Latvia's energy transition guided by the National Energy and Climate Plan and the Energy Strategy 2050.



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Application scenarios of energy storage battery products

### Niam Infrastructure and Evecon advance 110 MW Renewable Energy ...

The platform was initiated in June 2024 through a joint venture between Niam and Evecon, targeting up to 110 MW of installed capacity in solar PV and battery energy storage.



### Latvia's Energy Landscape Evolves with New Battery Storage Project

Latvia has taken a significant step towards a greener future with the commissioning of its first utility-scale battery energy storage system (BESS).

### European Energy secures financing for hybrid solar and storage project

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**Outdoor Cabinet BESS**  
50 kWh/500 kWh Battery Storage System  
Industrial and Commercial Energy Storage

- All In One**  
Integrating battery packs
- High-capacity**  
50-500kWh
- Degree of Protection**  
IP54
- Operating Temperature Range**  
-20~60°C (Derating above 50 °C)
- Intelligent Integration**  
Integrated photovoltaic storage cabinet
- Rated AC Power**  
50-100kW
- Altitude**  
3000m(>3000m derating)

### Latvia's path to energy transition: Expanding renewable energy ...

Given Latvia's high share of renewable electricity, the need for electricity storage technologies will increase significantly. However, there are also challenges, such as the need ...



The 10MW/20MWh BESS, ...



### [Latvia: Latvenergo to deploy 250MW/500MWh ...](#)

Latvenergo said it will build the battery energy storage system (BESS) projects in response to increasing demand for flexibility and to ...

### [Latvenergo Accelerates Energy Storage with 250 ...](#)

Latvenergo, Latvia's leading energy company, plans to install 250 megawatts (MW) of energy storage capacity by 2030. This ambitious ...



### [Latvenergo positive about Baltics' battery-powered future](#)

The first BESS projects are being implemented in Latvia and at Latvenergo production sites - starting with the smaller-scale BESS at Latvenergo AS CHPP-1 and ...



## Latvenergo Accelerates Energy Storage with 250 MW Target by ...

Latvenergo, Latvia's leading energy company, plans to install 250 megawatts (MW) of energy storage capacity by 2030. This ambitious target is part of a broader strategy to ...



## Latvenergo invests heavily in battery systems, plans to become ...

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## Latvenergo invests in plans to become the Baltic market leader in

Latvenergo, a state-owned energy company based in Latvia, plans are to expand its generation portfolio with the development of battery energy storage systems (BESS), ...



## [Latvenergo invests in plans to become the Baltic ...](#)

Latvenergo, a state-owned energy company based in Latvia, plans are to expand its generation portfolio with the development of ...



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## [Latvia's largest battery energy storage system unveiled](#)

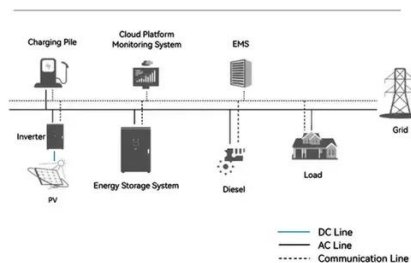
This autumn, the Battery Energy Storage System (BESS) will be connected to the Latvian electricity transmission system, contributing. The total project investments amount to ...



## [Latvia: Latvenergo to deploy 250MW/500MWh BESS by 2030](#)

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 ...

### System Topology





## Contact Us

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