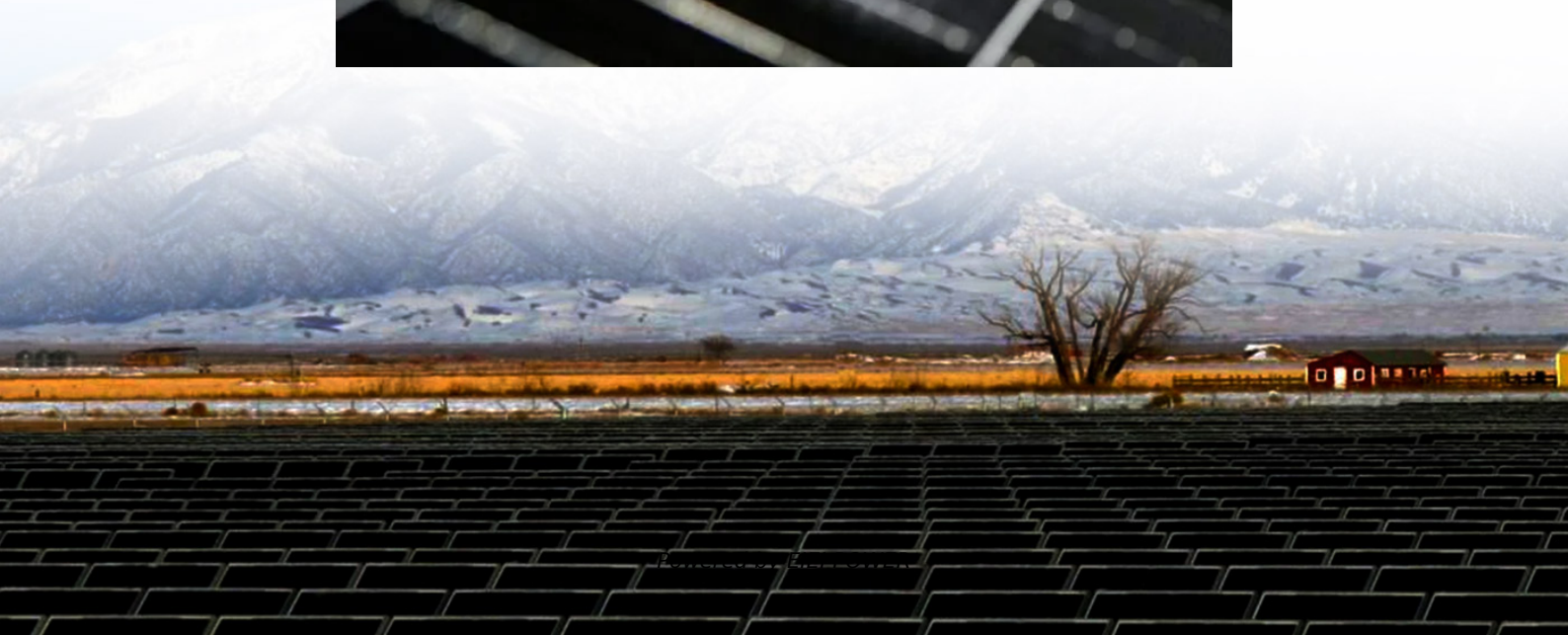


# Latvia Energy Storage Power Generation





## 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 [3]. Where is the first battery energy storage system in Latvia?

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.

What is the main source of renewable electricity in Latvia?

Hydroelectric power is the main source of renewable electricity in Latvia, followed by solar, wind and biomass cogeneration plants. In 2024, solar power in Latvia grew over 3.1 times to 6.7% of total electricity, becoming the third-largest source, while wind reached a record 38 GWh and hydropower, despite a 16% drop, still provided 54%.

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 .

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.



## Latvia Energy Storage Power Generation

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### [Executive summary - Latvia 2024 - Analysis](#)

Nov 5, 2025 · Executive summary Latvia's energy transition is poised for renewed momentum. The IEA peer review of Latvia took place 18-25 September as part of Latvia's accession to the ...

### [Latvia's path to energy transition: Expanding ...](#)

Jun 19, 2025 · In Latvia, renewable energy sources account for a significant portion of the country's electricity generation, with a target of 57% by ...



### [Latvia: Latvenergo to deploy ...](#)

Feb 24, 2025 · A solar PV plant in Latvia that Latvenergo deployed via subsidiary Elektrum. Image: Latvenergo. Latvia state-owned utility and ...

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

Feb 25, 2025 · Latvenergo, Latvia's leading energy company, plans to install 250 megawatts



(MW) of energy storage capacity by 2030. This ambitious ...



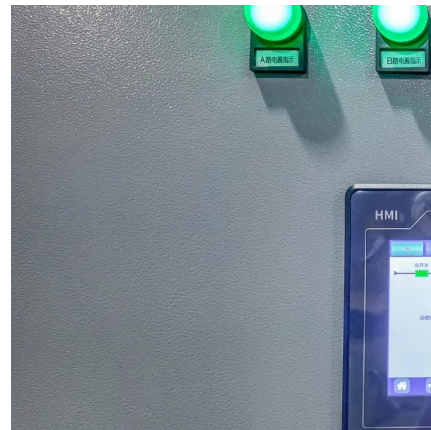
### Energy Storage Container Production in Latvia: Powering the ...

The Latvian Energy Puzzle: Why Storage Containers Matter Now Latvia's renewable energy capacity grew by 18% last quarter, but here's the kicker - nearly 30% of that potential gets ...



### Latvia

Dec 5, 2025 · Latvia 2024 This Energy Policy Review was prepared in partnership between the Government of Latvia and the IEA. It draws on the IEA's extensive knowledge and the inputs ...



### [Latvenergo invests heavily in battery systems, plans to ...](#)

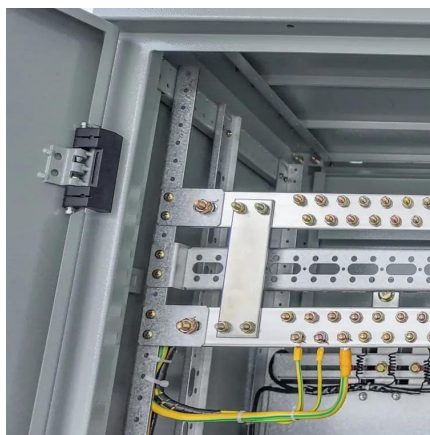
Feb 18, 2025 · A growing demand in the energy market for battery energy storage system (BESS) technologies is developing currently, and the trend is expected to remain stable in the future. ...





### Latvia: Latvenergo to deploy 250MW/500MWh BESS by 2030

Feb 24, 2025 · A solar PV plant in Latvia that Latvenergo deployed via subsidiary Elektrum. Image: Latvenergo. Latvia state-owned utility and power generation firm Latvenergo intends to ...



### **Hoymiles Powers Latvia's Largest Energy Storage Project at ...**

Nov 6, 2024 · T?rgale, Latvia -- On November 1, 2024, T?rgale Wind Park held its grand opening, unveiling Latvia's first major energy storage facility. Hoymiles, as a key technology ...

### CHINA'S ACCELERATING GROWTH IN NEW TYPE ...

Jun 13, 2024 · Local governments have also introduced a series of policies to promote the construction of new type energy storage in conjunction with new energy power generation. In ...



### **Latvia**

Nov 21, 2025 · Electricity generation Another important form of transformation is the generation of electricity. Thermal power plants generate electricity by harnessing the heat of burning fuels or ...



## ENERGY PROFILE Latvia

Avoided emissions from renewable power is calculated as renewable generation divided by fossil fuel generation multiplied by reported emissions from the power sector.



## **Construction of energy storage power generation project in Latvia**

About Construction of energy storage power generation project in Latvia video introduction  
Our solar container solutions encompass a wide range of applications from residential solar power ...

## **Energy**

Latvia: In Latvia, electricity generation in the Energy market is projected to reach \*\*\*\*bn kWh in \*\*\*\*. Definition: The energy market is a broad term that encompasses all forms of energy





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

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 ...

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### **Latvian Grid Energy Storage Project: Powering a Sustainable ...**

Discover how Latvia's innovative energy storage initiatives are reshaping grid stability and renewable integration. This deep dive explores technical breakthroughs, market trends, and ...

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

Jun 19, 2025 · In Latvia, renewable energy sources account for a significant portion of the country's electricity generation, with a target of 57% by 2030 [1]. Hydroelectric power is the ...



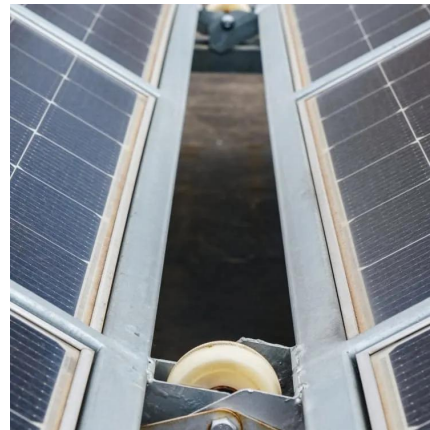
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### **Riga energy storage**

Riga Energy Agency (REA) is a municipal agency founded in 2007 for the purpose of planning, management, monitoring and coordination of energy- and climate- smart and sustainable ...



### [ASOTO , Bespoke power generation & energy ...](#)

Power generation and energy storage, we deliver high-quality modular solutions designed to meet your project's unique requirements.





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

Feb 25, 2025 · 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 ...



## [Latvia Energy Market Report , Energy Market ...](#)

Dec 4, 2025 · Highlights Latvia targets a share of 61% of renewables in the final energy consumption in 2030. The power market is dominated by ...

## [Latvia: Energy Country Profile](#)

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 ...



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

Nov 8, 2024 · The recent decision of Latvia, Estonia, and Lithuania to synchronize their power grids with the European grid further underscores the importance of flexible energy solutions ...



## **Niam and Evecon to collaborate on 84 MWp solar-storage projects in Latvia**

Sep 13, 2024 · Swedish real asset investment firm Niam and Estonian renewables developer Evecon have decided to partner in Latvia on the deployment of 84 MWp of solar power ...



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