
Latvian energy storage power station profit model

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%.

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.

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 .

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 deploy 250MW/500MWh of BESS ...

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 main source of renewable electricity in ...

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Why Energy Storage Operators Are Smiling (Most of the Time) energy storage power stations aren't just fancy battery boxes. These technological marvels have become money-making ...

This project is located in the Baltic Sea region of Eastern Europe and involves the expansion of an energy storage system while supporting its existing solar power station. It is primarily driven by ...

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 ...

Summary Rapid growth of intermittent renewable power generation makes the identification of
investment opportunities in energy storage and the establishment of their ...

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