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## Latvian tunnel uses photovoltaic energy storage containers for fast charging

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.

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.

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%.

VENTSPILS, Latvia, Nov. 6, 2024 /PRNewswire/ -- On November 1, 2024, Targale Wind Park held its grand opening, unveiling Latvia's first major energy storage facility. Hoymiles, as a key ...

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 ...

The Targale Wind Park, initially launched in 2022 with an annual generation capacity of 155 GWh, has recently integrated a utility-scale energy storage system to enhance grid stability. ...

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 ...

The launch of the Targale energy storage system marks a significant leap forward for Latvia's clean energy transition. It enhances the stability of the national grid, strengthens ...

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