

Introduction to the use of Latvian smart energy storage cabinets

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.

How much energy does Latvia use?

Interestingly, Latvian energy consumption presently stands at only 2GW. Notably, major players in the energy sector are actively exploring hydrogen technologies for use as energy storage units, with the prospect of later utilization in various processes.

Why is Latvia a smart energy destination?

Latvia has easy access to raw materials thanks to its advantageous geographic location. Smart energy requires careful managing of how resources are acquired, stored, and transported to the final destination in the most efficient and environmentally friendly way. We are set here as Latvia has excellent logistics infrastructure.

Are new wind farms a good investment for Latvia's energy security?

I am pleased that the bar has been set high for developers of new wind farms, which also plays an important role in the context of Latvia's energy security," said Climate and Energy Minister of Latvia, Kaspars Melnis. Given the total investment in the project, the OP Corporate Bank provided loan financing.

Can Latvia reach zero net emissions by 2050?

Latvia has finished the National Energy and Climate Plan for 2030 (NECP) and has set plans to reach zero net emissions by 2050. Currently, we are the 17th greenest country in terms of greenhouse gas emissions in the EU (Eurostat, 2022). We are shifting more and more towards renewable energy resources.

What are the benefits of a low-voltage AC-side cabinet integration?

Low-voltage connection for AC-side cabinet integration, ensuring zero energy loss
Four-in-one Safety Design: "Predict, Prevent, Resist and Improve" Predict: AI-powered big data analytics for 8-hour advance fault prediction Prevent: High-precision detection provides 30-minute early warnings

Latvian power storage manufacturers are reshaping Europe's renewable energy landscape with cutting-edge battery systems and grid stabilization technologies. Discover how these solutions ...

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