



**SolarTech Power Solutions**

# **Latvian zinc battery energy storage system**



## Overview

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Latvia's transmission system operator Augstsprieguma tīkls (AST) has commissioned two utility-scale battery energy storage systems (BESS) in Rēzekne and Tume, describing the milestone as the final step in synchronizing the Baltic power grids with continental Europe. 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 system in Latvia with a total power of 10 MW and capacity of 20 MWh in Targale, Ventspils region.

Why are batteries being installed in Latvia?

Operating synchronously with continental Europe, one of the most important functions is ensuring frequency regulation and balancing reserves. In order to ensure the required frequency regulation, batteries are being installed in Latvia.

What is battery energy storage system (BESS)?

The Battery Energy Storage System (BESS) is one of the most important projects in the synchronisation of Baltic power grids with the continental Europe electricity system in order to ensure operational stability and the reliable supply of electricity.

Will Latvenergo become Baltic leader in battery energy storage systems?

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).

Why are battery systems important for Latvenergo?

Battery systems play a crucial role in balancing the production volumes of Latvenergo and improving the flexibility of consumption. Chief Financial Officer of Latvenergo Guntars Balčūns: "This investment in battery systems is

an important step in the development of our energy sector and long-term sustainability.

### How will Latvenergo improve the security of supply?

The innovations and infrastructure of Latvenergo will not only strengthen the security of supply but also the development of the Baltic region.” BESS, or Battery Energy Storage System, is a technology that allows electricity to be stored with the objective of feeding it back into the grid at times of peak demand.

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