

## **PDEOZE PowerContainer**

# **Latvian Communications BESS Power Station Model**



## Overview

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Where are Bess projects being implemented?

The first BESS projects are being implemented in Latvia and at Latvenergo production sites – starting with the smaller-scale BESS at Latvenergo AS CHPP-1 and continuing with larger storage solutions, including at Riga HPP and Latvenergo AS CHPP-2. The procurement and selection of suppliers for the latter projects is currently in progress.

Will Bess be able to deploy storage capacity across Baltic states?

"Future projects will be carefully evaluated to strategically deploy storage capacities across the Baltic states in order to maximise the benefits for the security of supply and customers," the company added, giving a broad hint that it will also be looking to place BESS assets in Estonia and Lithuania.

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.

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.

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To get a better idea of the amount of energy stored, this is enough to power one electric car for 115 000 km, one household washing machine for 19 000 washing cycles or supply almost 3 000 households for ...

The Baltic region has been a hotspot of BESS activity over the last few years, driven by both increasing renewables and the process of uncoupling from the BRELL electricity grid operated by Russia, and ...

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These storage systems will help stabilize electricity prices in Latvia by storing excess electricity from the grid when supply exceeds demand and releasing it back when ...

The plans of the Group to invest in battery energy storage system technology by installing 250 MW of power with a capacity of 500 MWh by 2030 is an affirmation of the ...

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Estonian renewable power and heat producer Utilitas has inaugurated the first utility-scale battery energy storage system (BESS) in Latvia, a 10-MW/20-MWh facility.

AST, the Latvian transmission system operator, has selected Rolls-Royce Solutions to provide two battery energy storage systems (BESS) with a total output of 80 MW ...

Both BESS projects in Tume and Rezekne are due to be implemented in October 2025. Meanwhile, for the construction of BESS, both substations are being expanded, building ...

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Latvia's transmission system operator Augstsprieguma tīkls (AST) has commissioned two utility-scale battery energy storage systems (BESS) in Rezekne and Tume, ...

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