

## **PDEOZE PowerContainer**

# **Estonia Valley Power Energy Storage Products**



## Overview

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Where is Estonia's largest battery storage facility located?

The flagship battery storage project commenced operations on February 1, only days before cutting ties with the Russian power grid. Estonian state-owned energy company Eesti Energia has inaugurated the nation's largest battery energy storage facility at the Auvere industrial complex in Ida-Viru County.

How will a battery energy storage park work in Estonia?

The battery energy storage park and its substation will be connected to the electricity transmission network using a 330kV AC underground cable, marking a first in Estonia. Baltic Storage Platform confirmed that the BESS will seek to ensure the stability and resilience of the Estonian electricity grid.

Who delivered the Eesti Energia project?

The project was delivered by energy solutions system integrator Diotech Group, which won Eesti Energia's international tender in 2023. It was supplied with battery technology from LG Energy Solution. Installation and connection work were carried out by Enefit Solutions.

What is Estonia's Auvere Bess project?

Estonia's Auvere BESS project is designed to participate in both the electricity exchange and other energy markets to ensure the security of electricity supply. According to Eesti Energia board member Kristjan Kuhi, the battery is able to respond very effectively to fluctuations in the power system.

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But here's the kicker - it's not just about energy storage. This project pioneers vehicle-to-grid (V2G) integration with Tallinn's electric bus fleet, creating what engineers call a "bi-directional ...

Baltic Storage Platform JV--a French-based independent solar power company, Corsica Sole, and Estonian major renewable energy developer Evecon, alongside Mirova, a ...

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Baltic Storage Platform secures a record EUR85.6mn (\$90.6mn) to develop two battery energy storage sites in Estonia, marking the first such financing in the Baltics based solely on ...

While short-term storage plays a vital role in balancing daily electricity demand, long-term storage solutions are needed to address increasing renewable energy production. For example, Energiasalv could ...

The Baltic Storage Platform joint venture - bringing together French independent solar power producer Corsica Sole, Estonia's leading renewable energy developer Evecon, and Mirova, an affiliate of Natixis ...

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Estonia's Energiasalv has secured EUR 11 million (USD 12m) in additional financing for its 500-MW/6-GWh pumped hydro energy storage project, including strategic investments from ...

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