



# Estonia high performance energy storage battery customization

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.

Will Eesti Energia install a grid-scale battery energy storage system?

Eesti Energia, a utility based in Estonia, will install the country's first grid-scale battery energy storage system (BESS).

How does Eesti Energia's battery work?

According to Eesti Energia board member Kristjan Kuhi, the battery is able to respond very effectively to fluctuations in the power system. "This modern capacity significantly reduces the costs of balancing the Baltic electricity system and thus the end price for the consumer," Kuhi said.

What is Eesti Energia's Energy Plan?

'We are honoured to contribute to Eesti Energia's energy plan for desynchronisation (disconnecting from Russia's grid) in the Baltic countries,' said Kyuwon Heo, Head of Grid ESS Europe at LG Energy Solution. Estonia is targeting an exit from electricity production from shale gas and a 40% renewable energy mix by 2030.

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.

Where will a battery energy storage system be built?

The battery energy storage system (BESS) will be built at the Auvere industrial power plant complex in Ida-Viru county and will help balance the country's grid, state-owned utility Eesti Energia said today (30 January).

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complexes with a combined capacity of 200 MW and a total storage capacity of 400 ...

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This battery solution will help maintain the stability of the electricity system following desynchronisation and mitigate price fluctuations caused by the intermittency of non ...

When it starts operating in early 2025, it will provide the necessary energy storage options to stabilize the grid and support renewable energy during peak loads. This is a pilot ...

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