

## A-Core Container

# Estonia s largest energy storage project



## Overview

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On Wednesday, Eesti Energia opened Estonia's largest battery storage facility in the Auvere industrial complex in Ida-Viru County, which supports the stability of the region's electricity system and alleviates high peak electricity prices for consumers. 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.

Can storage systems help reduce energy consumption in Estonia?

Estonia's climate minister, Yoko Alender, emphasized the role of storage systems in this transition, stating, "Estonia has a clear goal – by 2030, the amount of electricity we consume must come from renewable sources.

Why is energy security important in Estonia?

As Estonia and its Baltic neighbors prepare for grid synchronization with the rest of Europe, energy security becomes a pressing issue. The ability to store and deploy energy as needed is crucial for balancing the power supply, especially as the region shifts towards renewable energy sources such as wind and solar.

Will Estonia become the largest Battery Park in continental Europe?

Estonia has laid the cornerstone for what will become the largest battery park in continental Europe, marking a crucial step toward synchronizing the Baltic power grids with the rest of Europe by 2025.

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.

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.

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