

A-Core Container

**Estonian company that does
energy storage for
communication base stations**



Overview

Estonian operator Elisa said it equipped nearly 100 base stations with new lithium batteries integrated with an Artificial Intelligence (AI)-based energy management system in 2023. 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.

Is Estonia a 'historic' moment for the Baltic energy sector?

Karl Kull, CEO of Evecon, believes the groundbreaking represents a "historic"

moment for Estonia and the entire Baltic energy sector for two primary reasons. “First, this is an extremely important and real step to prepare the synchronisation of the Baltic countries.

What is Baltic storage platform?

Baltic Storage Platform is a joint venture between Evecon, Corsica Sole and Mirova, developing two battery storage parks in Estonia with a combined capacity of 400 MWh.

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