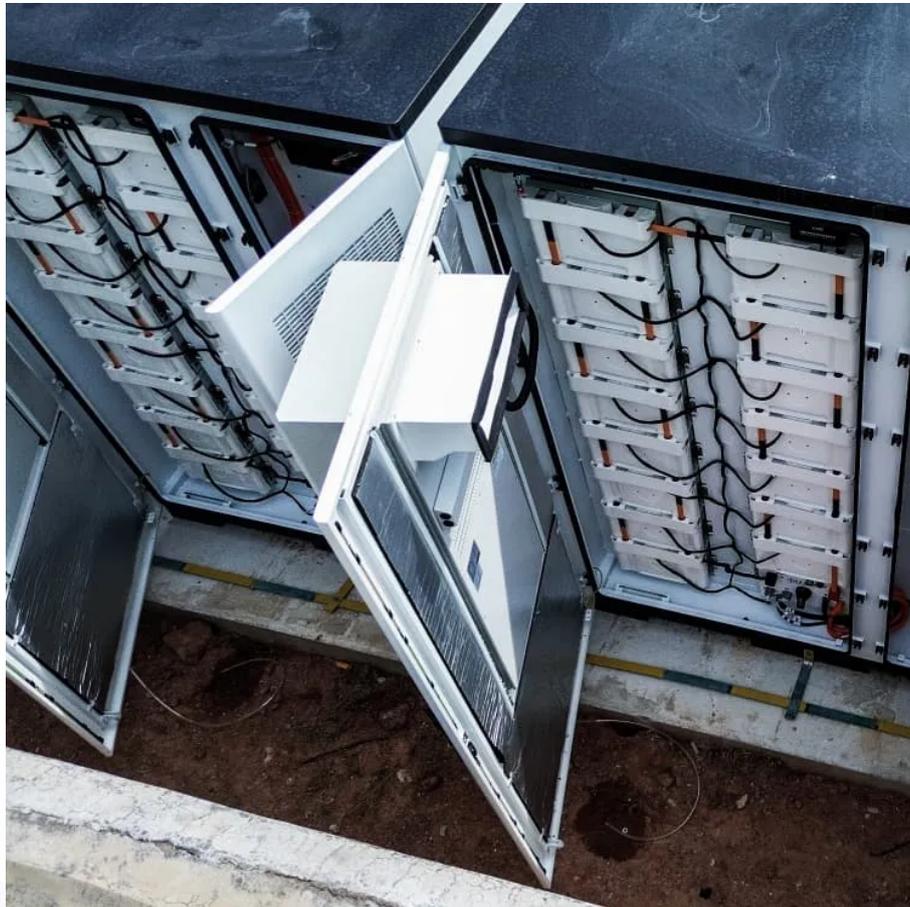


## Kongres Container

# BESS price for Estonian energy storage building



## Overview

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mpares BESS and PHS systems, exploring their effects on market prices and renewable integration. In its second phase, the project forecasts component-based electricity prices—including taxes, network tariffs, and ree storage scenarios were modelled for 2030, 2035, and 2040, combining BESS and PHS.

You've probably noticed the headlines: Battery energy storage system (BESS) prices in Tallinn have fallen 45% year-over-year, with recent projects hitting €0.11/Wh ( $\approx$ \$0.12/Wh). But what's driving this unprecedented price erosion?

Let's unpack the market forces reshaping Estonia's energy landscape.

The Biggest Battery Energy Storage System (BESS) in Estonia Estonian energy company Eesti Energia has inaugurated the nation's largest battery energy storage system (BESS) facility at the Auvere industrial complex in Ida-Viru County, the capacity is 26.5 MW/53.1 MWh system The battery energy.

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. The 26.5 MW/53.1 MWh system was developed to boost the stability of the regional electricity grid and mitigate high peak.

Around the beginning of this year, BloombergNEF (BNEF) released its annual Battery Storage System Cost Survey, which found that global average turnkey energy storage system prices had fallen 40% from 2023 numbers to US\$165/kWh in 2024. This was the biggest drop since BNEF began its surveys in 2017.

Connecto, in cooperation with Smartecon, helped construct the Raba Solar Park. Sunly, in collaboration with Metsagrupp, is developing a 16 MW / 32 MWh battery energy storage system (BESS) next to the 45 MW Raba Solar Park in Pärnu County, Estonia. The total project cost is US\$7.6 million. The.

## **BESS price for Estonian energy storage building**

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