

1MWh Energy Storage Container for Mining in Estonia





Overview

Where is Estonia's largest battery energy storage system located?

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.

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.

How much does a Baltic electricity system cost?

The 26.5 MW/53.1 MWh system was developed to boost the stability of the regional electricity grid and mitigate high peak electricity prices for consumers. The project, which came with a price tag of €19.6 million, was commissioned on February 1 only a few days before the desynchronization of the Baltic electricity system from the Russian grid.



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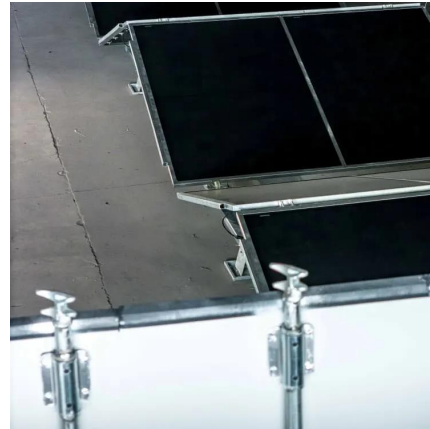
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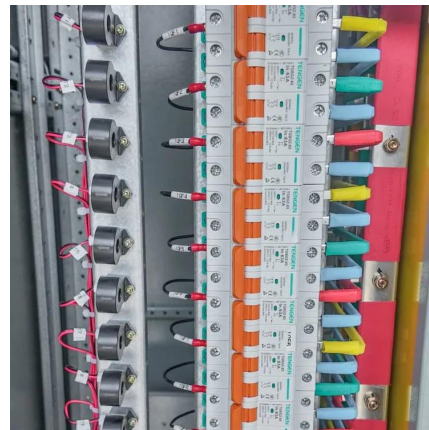
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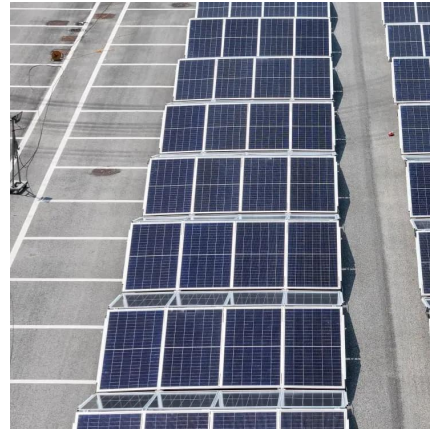
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