

ContainerPower Energy Solutions

Estonian outdoor energy storage company



Overview

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Baltic Storage Platform, a joint venture (JV), has broken ground on two new 200MW/400MWh battery energy storage systems (BESS) in Estonia. The JV between Estonian energy company Evecon, French solar PV developer Corsica Sole, and asset manager Mirova will develop the 2-hour duration systems, with.

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Evecon, an Estonian renewable energy company, and Corsica Sole, a French company, will build two battery energy storage systems with a total capacity of 200 megawatts in Harju County by 2025. The battery parks will be located in Kiisa in Saku Rural Municipality and Arukylä in Raasiku Rural.

□□□□ Estonia's first pumped hydro energy storage system, Zero Terrain Paldiski, is making waves with its unique design and ambitions to store enough power for all Estonian households. Supporting renewable energy with storage is essential, as it provides emissions-free energy, even when the wind is.

Estonia has laid the cornerstone for what will become the largest battery park in continental Europe, a major step toward synchronising the Baltic power grids with Europe by 2025; the project, led by Evecon, Corsica Sole and Mirova, aims to bolster energy security and support Estonia’s transition.

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. Where is Estonia's largest battery storage facility located?

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Why is energy storage important for Estonia?

Energy storage is also vital for meeting Estonia's goal of sourcing all its electricity from renewable sources by 2030. The country's climate minister, Yoko Alender, emphasised the role of storage systems in this transition, saying they would help ensure a "clean, reliable and affordable energy future" for Estonia.

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.

Should Estonia invest in battery parks?

Estonia's investment in large-scale battery parks highlights its strategic push for both energy independence and a more sustainable power grid. However, battery parks do have environmental impacts.

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