

Grid-scale energy storage riga



Overview

Hybrid systems combining solar, wind, and hydrogen storage in single-container solutions. As we approach Q4 2025, industry watchers are keeping tabs on Latvia's first gigafactory for battery cells. When operational, it'll slash import costs by 60% and create 800+ skilled jobs. IGC-backed SIA Baltic Energy Reserve has signed a share purchase agreement with SIA Solar Energy Fund relating to a portfolio of battery energy storage system (BESS) development projects in Riga. The portfolio consists of three development-stage projects with secured land rights and grid connection. The system adopts an integrated design combining advanced liquid-cooled battery cabinets with a 3MW power conversion and step-up solution, forming a compact and efficient all-in-one architecture. ZFS Riga LLC, an affiliate of Zeeland Farm Services Inc.



Article Content

Energy M& A in Europe 2026: Seven deal realities to

Latvia | Infinite Grid Capital-backed Baltic Energy Reserve acquires 45 MW battery storage development portfolio in Riga from Solar Energy Fund,

How cheap is battery storage?

The latest capex and Levelised Cost of Storage (LCOS) for large, long-duration utility-scale Battery Energy Storage Systems (BESS) across global markets outside China and the US

Global energy storage market surpasses 100 GW

Large-scale utility projects capture majority of new capacity installations Utility-scale projects account for 82% of 2025 installations. This

Latvia's path to energy transition: Expanding renewable

Given Latvia's high share of renewable electricity, the need for electricity storage technologies will increase significantly. However, there are

Energy Storage Revolution: How Riga is Leading the Charge in Grid ...

As we approach Q4 2025, Riga's storage capacity is projected to triple, potentially eliminating the need for one natural gas peaker plant entirely. Now that's what we call powering progress!

GM eyes new battery type to grow data center, energy storage

GM is expanding efforts to capitalize on the expected growth of energy storage and data centers and the development of next-generation sodium-ion batteries.

Riga Energy Storage | GEO BESS

Summary: The Riga battery energy storage project represents a critical step in advancing renewable energy integration and grid stability in the Baltic region. [PDF Version]

Battery Energy Storage Systems: Key to Renewable

Battery energy storage system (BESS) can address these supply-demand gaps by providing flexibility to balance supply and demand in real-time.

CO2 Batteries That Store Grid Energy Take Off Globally

It was built to help solve one of the energy transition's biggest challenges: the need for grid-scale storage that can provide power for more than

Latvia adds big batteries to complete grid sync with Europe, two major ...

The addition of two utility-scale battery energy storage systems (BESS) in Latvia marks the final milestone in synchronizing the Baltic power grids with continental Europe, according to the

Baltic energy startup ENGYcell secures funding / Article

ENGYcell develops integrated battery energy storage and management systems for commercial, industrial, and utility-scale applications. Its

Finance News in Energy Industry | ESS News

Revera takes final investment decision on 800 MWh BESS near former UK nuclear plants Carlyle-backed developer to build grid-scale battery energy storage system (BESS) in North

Latvia: first BESS opens ahead of Russia grid uncoupling

The battery storage system will be connected to the transmission grid this autumn and will enable surplus wind power generated at times of high production to be stored and outputted to the

Wenergy Advances Latvia Deployment with 3MW / 6.17MWh Energy

By delivering scalable and grid-oriented BESS solutions, Wenergy continues to support Europe's energy transition, enabling more resilient, flexible, and low-carbon power systems.

Riga Energy Storage Project: Powering a Sustainable Future with

As Europe accelerates its transition to renewable energy, the Riga energy storage project has emerged as a pivotal initiative. This large-scale battery storage system is designed to stabilize Latvia's power

Grid-Scale Projects News | ESS News

Stay updated on the latest news about large-scale energy storage projects and applications in the grid sector.

Energy Storage Market Size, Share & Industry Growth Report 2035

Energy Storage Market Research Report By Technology (Lithium-ion Batteries, Flow Batteries, Lead-Acid Batteries, Sodium-Sulfur Batteries), By End Use (Residential, Commercial,

Energy storage

Technology costs for battery storage continue to drop quickly, largely owing to the rapid scale-up of battery manufacturing for electric vehicles,

10 Top Grid-Scale Battery Storage Companies

Top grid-scale battery storage companies provide the hardware and software solutions necessary to stabilize clean energy networks.

IGC Expands into Latvia with 45 MW BESS Portfolio

In Latvia, IGC is building a presence in energy storage and working with local partners to support the development of grid-scale BESS aligned with long-term system needs. Further details

China BESS installations in December surpass US 2025 total

In December 2025, more than 65 GWh of grid scale battery energy stationary storage (BESS) entered operation in China. This exceeded the total installed in the US for the whole of 2025

IGC adds to portfolio 45 MW of battery projects in Latvia | Energy ...

The portfolio comprises three development-stage projects with secured land rights and grid connection permits. The assets are located in Riga. IGC is an investment platform focused on

Riga energy storage

Backed by BlackRock's Diversified Infrastructure business, Jupiter Power has a strategic and established portfolio of utility-scale energy storage projects operating or in construction in the U.S.,

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Scaling battery storage to make full use of the power grid

Optimizing the use of battery storage could help energy companies meet rising demand while also managing prices and accelerating the energy

Contact Us

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