



Energy storage ratio of latvian solar projects





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.

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In 2024, solar power in Latvia grew over 3.1 times to 6.7% of total electricity, becoming the third-largest source, while wind reached a record 38 GWh and hydropower, despite a 16% drop, still provided 54%. [2] Local authorities are responsible for municipal energy supply and renewable energy.

Danish renewables company European Energy has secured €37.9 million in financing for a major hybrid solar and energy storage project in Latvia, a landmark move for the nation's green energy transition. European Energy, a Danish leader in renewable energy, is spearheading a significant hybrid.

Variable Renewable Energy Sources (vRES, solar PV and wind)¹ capacity in Latvia has grown from 100 MW in 2022 to over 420 MW in 2024 (Figure 1). The huge interest from vRES developers during last years and growth in vRES capacities in Latvia is expected to continue as well as their technical impact.

Niam Infrastructure and Evecon have formed a partnership for the construction of up to 84 MWp of solar power and 26 MW of energy storage across 11 project sites in Latvia. This collaboration represents a substantial investment in the region's renewable energy sector, highlighting the strong growth.

Latvia's renewable energy capacity grew by 18% last quarter, but here's the kicker – nearly 30% of that potential gets wasted during low-demand periods [3]. With EU directives pushing for 45% renewable integration by 2030, the Baltic state faces a make-or-break moment. Enter energy storage.

SUNOTEC acquires 400 MWp solar-plus-600 MWh storage project in Latvia,



targeting grid connection by 2027 and bolstering the country's expanding clean-energy ambitions. SUNOTEC, the Bulgarian-German renewables specialist best known for building utility-scale PV parks across Europe, has taken full.



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[Niam, Evecon launch 110 MW Latvian solar storage initiative](#)

A 84 MW of solar and 26 MW of energy storage portfolio will be installed in Latvia under the Niam-Evecon partnership. Discover the full project details here.

[ROUNDUP: BESS projects in Sweden, Denmark ...](#)

Niam Infrastructure and Evecon will together deploy a solar-and-storage portfolio in Latvia that could have up to 26MW of BESS ...



[SUNOTEC seals Latvian hybrid solar investment in landmark ...](#)

SUNOTEC, the Bulgarian-German renewables specialist best known for building utility-scale PV parks across Europe, has taken full control of the 400 MWp Lazas Solar Park ...

[European Energy and Luminor finance hybrid solar project in Latvia](#)

Latvia already sources most of its electricity from renewables and rising solar deployment has increased demand for modern storage. Luminor



said the financing supported ...



[New PV and Energy Storage Projects in Latvia](#)

Swedish investment firm Niam and Estonian developer Evecon have formed a partnership to implement solar energy and energy storage projects in Latvia. Under this ...

[Latvia solar Power Station Energy Storage Project](#)

A 65 MW solar and 92 MWh storage project by European Energy, Sampension and Luminor in Latvia advanced the country's transition toward greater grid flexibility.



[Niam Infrastructure and Evecon partner up for 110 ...](#)

Niam Infrastructure and Evecon have partnered to build up to 84 MWp of solar power and 26 MW of energy storage across 11 sites in ...



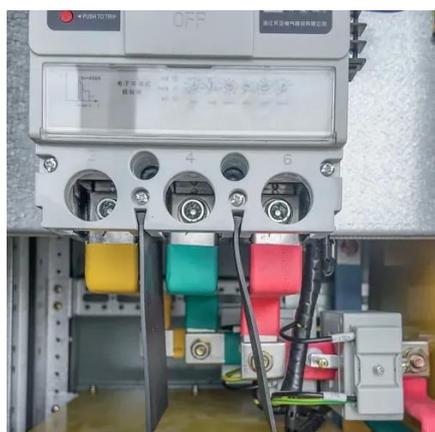
[Latvia solar battery: Impressive 65 MW Project to Stabilize Grid](#)

This project not only strengthens Latvia's energy grid but also serves as a model for integrating renewable generation with energy storage. To learn more about the ...



[Sunotec buys Latvian solar-BESS project from ...](#)

Bulgarian-headquartered solar engineering company Sunotec has acquired 100% of the SIA DSE Lazas Solar project, which combines ...



[Latvia's path to energy transition: Expanding ...](#)

In Latvia, renewable energy sources account for a significant portion of the country's electricity generation, with a target of 57% by ...



[Latvia's path to energy transition: Expanding renewable energy ...](#)

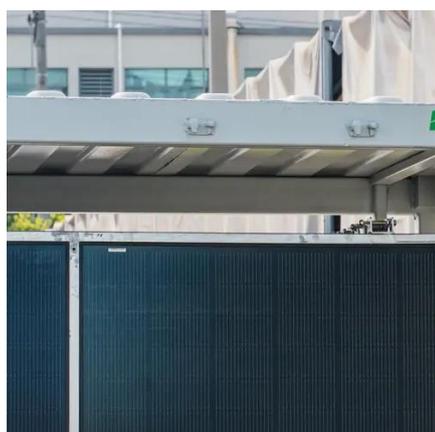
As can be seen, Latvia is currently focusing mainly on BESS, but research on the potential of power to x or power to H2 in Latvia is also being actively developed. Given Latvia's ...





[European Energy Sells Half of Latvian Solar Project](#)

European Energy and Sampension unite to boost Latvia's solar capacity with a 148MW park, advancing the nation's renewable goals by 2030. A promising partnership in ...



Latvia Archives

IPPs Greenvolt and European Energy have finalised financial deals for solar-plus-storage projects in Denmark and Latvia, while Olana and Energix have enlisted optimisers for ...

[Niam Infrastructure and Evecon partner up for 110 MW of solar & storage](#)

Niam Infrastructure and Evecon have partnered to build up to 84 MWp of solar power and 26 MW of energy storage across 11 sites in Latvia, marking a significant investment ...



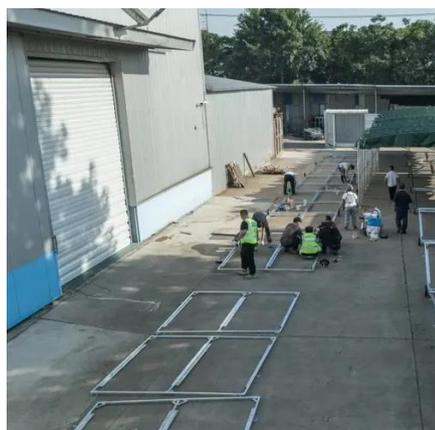
[Saules pane?i , Solar Energy Latvia , Latvia](#)

Iepaz?stiet Solar Energy Latvia, kas ir lab?kais saules ener?ijas iek?rtu pieg?d?t?js un uzst?d?t?js Latvij?. M?su uz??mums tika dibin?ts 2020. ...



Latvia's path to energy transition: Expanding ...

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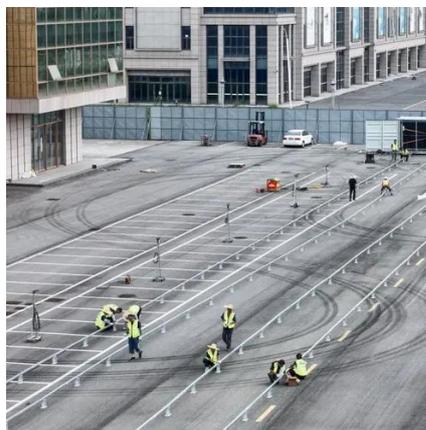


Energy Storage Container Production in Latvia: Powering the ...

Wait, no - it's not just about the hardware. Latvian engineers have sort of cracked the code on rapid deployment. Their containerized systems can be operational within 48 hours of delivery, ...

Integration of renewable energy in the Latvian grid

Based on simulations performed for various levels of vRES installed capacities, we evaluated the hosting capacity of the Latvian grid for each of the innovative measures in study.



Estimation of LCOE for PV electricity production in the Baltic ...

Currently, renewable energy sources (RES) account for <20 % of the energy produced and used in cities [7]. To address this, many cities aim to increase the use of solar ...



[SUNOTEC acquires 400MWp solar, 600MWh BESS project site in Latvia](#)

SUNOTEC has completed the purchase of SIA DSE Lazas Solar's solar and energy storage project in Latvia from Danish Sun Energy.





Contact Us

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