



# Riga energy storage project landed





## Overview

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Hanersun has announced the commissioning of a 1.15MWh commercial energy storage project in the Latvian capital Riga. The project, featuring five units of the company's HNESS 230-L liquid-cooled cabinets, highlights its increasing role in advancing Europe's renewable energy.

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icity per year. This project is part of the Freeport's plan to transform the area into a hub for solar electricity production, energy storage. Through smart use of large-scale energy storage, parties can be connected more quickly at lower social costs, using more sustainable.

Let's face it – storing renewable energy is like trying to catch sunlight in a jar. That's where the Riga Pumped Hydro Energy Storage Project comes in, aiming to become Latvia's ultimate energy safety net. Nestled in the Daugava River basin, this €800 million marvel (slated for 2028 completion).

Energy company Latvenergo said February 18 it is investing heavily in battery systems with the stated intention of becoming the the Baltic market leader in battery energy storage systems (BESS). "A growing demand in the energy market for battery energy storage system (BESS) technologies is.

Client: AS Latvenergo, Rolls Royce Solutions GmbH Year: 2024 – 2025 Location: Latvia LEC, in cooperation with a partner, is constructing a battery energy storage system (BESS) with a total capacity of 8.4 MW / 16.8 MWh at the TEC-1 site in Riga. LEC is responsible for project management and design.

Riga's aging power infrastructure currently operates at 92% peak capacity during



winter months, with renewable integration rates lagging behind EU averages by 18% [3]. The problem's crystal clear: we're trying to power a 21st-century smart city with mid-20th-century grid technology. Wait, no—it's.



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

In November 2024, Utilitas Wind Ltd inaugurated Latvia's first storage battery system with a capacity of 10 MW and 20 MWh in Targale, ...

### [One of the largest solar parks in the Baltics to be ...](#)

Today, on 9 September, an agreement was signed between the Freeport of Riga Authority and the Lithuanian company SNG Solar on ...



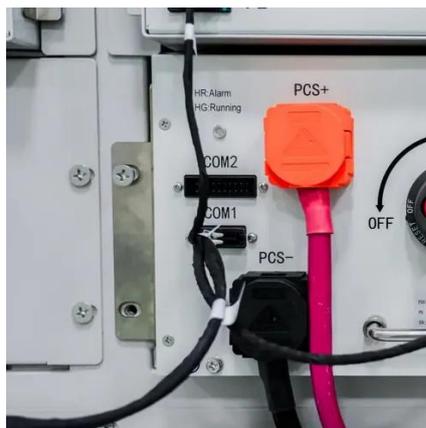
### [Construction of Battery Energy Storage System \(BESS\) Park at TEC-1, Riga](#)

LEC, in cooperation with a partner, is constructing a battery energy storage system (BESS) with a total capacity of 8.4 MW / 16.8 MWh at the TEC-1 site in Riga.



### [Hanersun strengthens European presence with](#)

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### [Major solar park set to transform port of Riga into ...](#)

This deal marks the beginning of a major solar energy project at the port of Riga, which will include the installation of solar panels, the ...



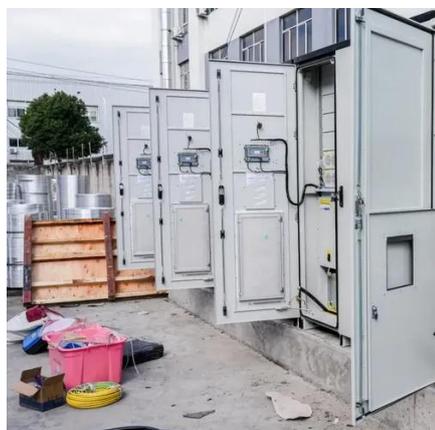
### [Energy Storage Revolution: How Riga is Leading the Charge in ...](#)

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!



### [Major solar park set to transform port of Riga into green energy hub](#)

This deal marks the beginning of a major solar energy project at the port of Riga, which will include the installation of solar panels, the production and storage of renewable ...



## **Riga energy storage**



Amsterdam, January 12, 2024 - GIGA Storage is pleased to announce the development of the Green Turtle project, a groundbreaking energy storage project with 600 MW of power and ...



### [Riga power grid energy storage plan announcement column](#)

Where is a 100 MW solar facility being built in Riga? The 100 MW solar facility will be constructed on a 177.2-hectare site in Spilve Meadows, on the left bank of the Daugava River in Riga. This ...

### [The Riga Pumped Hydro Energy Storage Project: Powering ...](#)

That's where the Riga Pumped Hydro Energy Storage Project comes in, aiming to become Latvia's ultimate energy safety net. Nestled in the Daugava River basin, this EUR800 ...



### [Land Lease for Battery Storage: Powering the ...](#)

Discover the potential of your land for energy storage. Learn about land leasing opportunities for battery storage projects, financial ...

### [Riga Pumped Hydro Energy Storage Project , C&I Energy Storage ...](#)



The Air-Cooled Energy Storage Project: Your New Climate-Friendly Power Buddy Let's cut through the jargon: An air-cooled energy storage project works like your refrigerator's ...



### [Construction of Battery Energy Storage System \(BESS\) Park at ...](#)

LEC, in cooperation with a partner, is constructing a battery energy storage system (BESS) with a total capacity of 8.4 MW / 16.8 MWh at the TEC-1 site in Riga.

### [riga dedicated energy storage battery](#)

5 · This is currently the world's largest sodium-ion battery energy storage project and marks a new stage in the commercial operation of sodium-ion battery energy storage systems, Hina ...



### [Riga Energy Storage Solar Power Company](#)

Riga special energy storage battery usage , Solar Power This paper provides a comprehensive review of the research progress, current state-of-the-art, and future research ...

### [Latvenergo invests in plans to become the Baltic market leader in](#)



Latvenergo, a state-owned energy company based in Latvia, plans are to expand its generation portfolio with the development of battery energy storage systems (BESS), ...



### [Latvenergo plans 250 MW of energy storage by 2030](#)

Latvian state-owned utility Latvenergo AS has decided to invest in a new business area in its portfolio with plans to install 250 ...



### [Latvenergo positive about Baltics' battery-powered future](#)

The first BESS projects are being implemented in Latvia and at Latvenergo production sites - starting with the smaller-scale BESS at Latvenergo AS CHPP-1 and ...



### [The Riga Pumped Hydro Energy Storage Project: Powering ...](#)

Let's face it - storing renewable energy is like trying to catch sunlight in a jar. That's where the Riga Pumped Hydro Energy Storage Project comes in, aiming to become Latvia's ...



### [Latvenergo invests in plans to become the Baltic ...](#)



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**1075KWHH ESS**

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

In November 2024, Utilitas Wind Ltd inaugurated Latvia's first storage battery system with a capacity of 10 MW and 20 MWh in Targale, next to the existing wind park.



[Battery Storage Land Lease Requirements](#)

The increasing demand for land suitable for solar and battery storage projects has driven up lease rates in recent years, especially ...



the latest subsidy policy for energy storage projects Sweden Looks to Stimulate Residential Storage with New Subsidy The program has a budget of \$270 million, 75% of which is set to ...

[One of the largest solar parks in the Baltics to be built in the Port](#)



Today, on 9 September, an agreement was signed between the Freeport of Riga Authority and the Lithuanian company SNG Solar on the lease of land in the Port of Riga in the ...



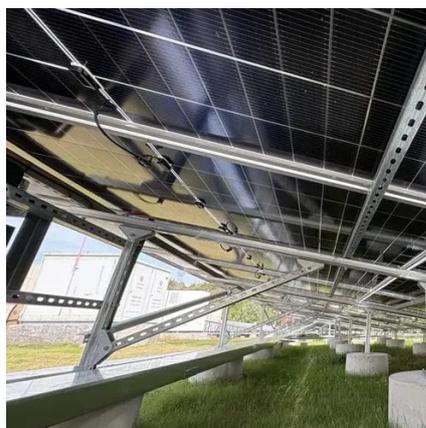
### [Riga Photovoltaic Charging Pile Energy Storage Powering ...](#)

As cities like Riga embrace renewable energy solutions, photovoltaic charging piles with integrated energy storage are emerging as a game-changer for urban infrastructure. This ...



### **Riga energy storage**

GIGA Storage realizes large-scale sustainable energy storage. Through smart use of large-scale energy storage, parties can be connected more quickly at lower social costs, using more ...



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## Contact Us

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