

## Global PV Storage Insights

# BESS project financing options in Netherlands 2025



## Overview

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Netherlands' climate minister has allocated €100 million in subsidies to the deployment of 'time-shifting' battery storage with solar PV projects for next year, an acceleration of a larger €400 million-plus programme.

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Netherlands' climate minister has allocated €100 million in subsidies to the deployment of 'time-shifting' battery storage with solar PV projects for next year, an acceleration of a larger €400 million-plus programme. Minister for climate and energy policy and D66 party leader Rob Jetten announced.

Amsterdam —Global law firm Dentons has advised a consortium of six banks - ABN AMRO, Rabobank, ING Bank, Triodos Bank, Santander CIB, and ASR - on the €350 million loan to Lion Storage for the project financing of Project Mufasa. With 350MW capacity Mufasa is the largest battery energy storage.

The Dutch market offers strong revenue potential for BESS, driven by volatile electricity prices and growing flexibility needs. Deployment is accelerating, but challenges remain - from high grid fees and limited connections to an unfavorable regulatory framework. Still, new opportunities are.

February 28, 2025: Lion Storage said on February 17 it had reached financial close for its Mufasa BESS project in The Netherlands. Lion, part of the Return energy group, said Mufasa is the largest utility-scale BESS project in the country to be fully funded through 100% non-recourse project.

Explores the Dutch power market and status of BESS amid the recent opening of PICASSO, with insights from local asset developer S4 Energy. This article examines the structure of the Dutch energy market, focusing on renewables and BESS (battery energy storage systems) and identifying opportunities.

Dutch energy storage developer Lion Storage, part of Return, announces that project Mufasa—one of the largest battery energy storage systems (BESS) in

the Europe—has successfully reached Financial Close. extensive experience financing energy transition projects. Set to become operational in H1. What is the biggest Bess project in the Netherlands?

As the largest BESS in the Netherlands and one of the largest energy storage projects in Europe, it sets a new standard for balancing and securing power grids. Mufasa is the largest utility-scale battery storage project in the Netherlands to be fully funded through 100% non-recourse project financing of over EUR 350 million. The closing of Project.

What challenges do Bess investors face in the Netherlands?

Moreover, the limited availability of new grid connections due to severe grid congestion poses additional challenges for potential BESS investors. Flexibility needs in the Netherlands are high, driven by the increasing share of intermittent renewable energy and lack of alternative storage technologies.

Will Bess be available in the Netherlands in 2024?

Building a business case for BESS in the Netherlands has been a major challenge for the industry, as detailed in interviews with developer-operator SemperPower (Premium access) and developer Lion Storage, with SemperPower saying that virtually no new grid-scale BESS would come online in 2024.

How much Bess will be online in the Netherlands by 2030?

Without subsidies, transmission system operator TenneT expects about 2GW of BESS to be online in the Netherlands by 2030, much lower than the 9GW it forecasts it needs. See Jetten's letter announcing the accelerated deployment of the funds (in Dutch) [here](#). This isn't just another summit – it's our biggest and most exhilarating Summit yet!.

What balancing services does the Dutch Bess project use?

Dutch BESS projects mainly participate in two balancing services: Frequency Containment Reserve (FCR) and automatic Frequency Restoration Reserve (aFRR). The Dutch TSO, TenneT, uses these services as the primary and secondary restoration services, respectively, as explained in RaboResearch's report on the Dutch electricity sector.

What is the €100 million Bess scheme?

The €100 million (US\$106 million) allocation is part of a €416 million package for PV co-located battery energy storage system (BESS) technology that was initially to total €41.6 million a year, starting in 2025, for ten years. The 2025 programme is set to open on 1 January 2025, and more details will be released to the House later this year.

## BESS project financing options in Netherlands 2025

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### [20250602 InfraVia x Giga Storage](#)

GIGA Storage reaches financial close on a c. EUR300m financing package and starts the construction of a 300 MW / 1.2 GWh battery storage project in Delfzijl, Netherlands ...

### **Lion Storage closes finance on 1.4 GWh merchant ...**

Lion, part of Dutch renewables investor Return since 2023, also said the project would be the largest BESS in the Netherlands completely funded by non-recourse finance. Backers, led by Australia's Macquarie Capital, ...



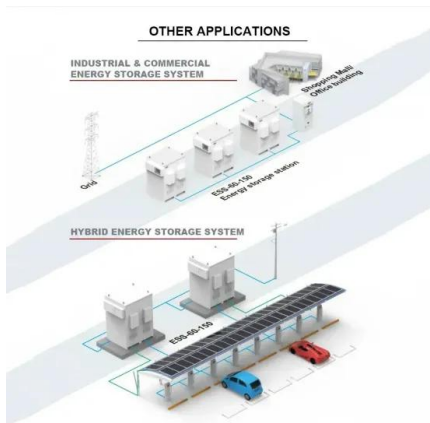
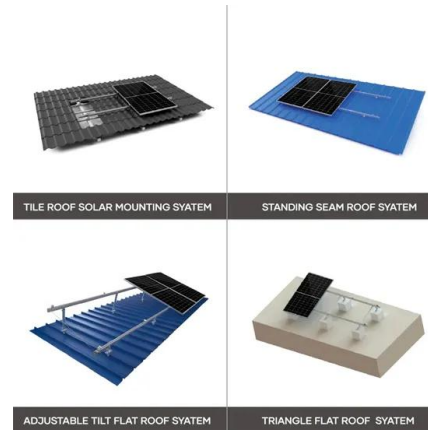
### [Backup power for Europe](#)

Battery Energy Storage Systems (BESS) are key to integrating variable renewable energy sources like solar and wind. This report examines the factors influencing ...

### **Making project finance work for battery energy storage projects**

Why securing project finance for energy storage projects is challenging It has traditionally been

difficult to secure project finance for energy storage for two key reasons. Firstly, the nascent ...



## Lion Storage Completes Financing For 1.4GWh Battery Energy ...

Project Details and Significance - Lion Storage, a leading provider of energy storage solutions, has announced the successful completion of financing for a substantial ...

## BESS in Germany 2025 and Beyond: Use Cases, ...

BESS in Germany 2025 and Beyond: Use Cases, Business Models and Financing Considerations by Mohit Sharma 2 Cases Energy Infrastructure Private Debt Private Equity



## Outlook 2025: The future of the utility-scale BESS market

The rapid evolution of the utility-scale battery energy storage systems (BESS) market in Australia, Europe and the US has seen the emergence of a wide range of offtake products. These arrangements offer opportunities for ...

## Germany's first tolled BESS secures project financing

Nofar described the closure of the Stendal BESS project financing as a significant milestone. It said that over the past couple of years, it has secured around ILS 4 billion (\$1 billion) in financial agreements for projects ...



## Finance milestone for Netherlands' Mufasa BESS

February 28, 2025: Lion Storage said on February 17 it had reached financial close for its Mufasa BESS project in The Netherlands. Lion, part of the Return energy group, said Mufasa is the ...

## Netherlands allocates EUR100m for PV co-located BESS ...

Netherlands' climate minister has allocated EUR100 million in subsidies to the deployment of 'time-shifting' battery storage with solar PV projects for next year, an acceleration of a larger EUR400 million-plus programme.



## Lion Storage closes finance on 1.4 GWh merchant battery in Netherlands

Lion, part of Dutch renewables investor Return since 2023, also said the project would be the largest BESS in the Netherlands completely funded by non-recourse finance. ...

## Europe's largest battery storage project secures approval

Netherlands-based developer Giga Storage has obtained the irrevocable permit for the construction of a 600 MW/2,400 MWh battery energy storage system (BESS) project in Belgium.



## [Europe drives BESS market strength](#)

Lion Storage announced its BESS project 'Mufasa', with a capacity of 364 MW/1,457 MWh, which will be the largest BESS in the Netherlands. JLR develops energy storage system with its second life Too ...

## Backup power for Europe - part 6: Dutch BESS capacity

As the increasing demand for grid capacity continues to outpace grid expansion, BESS projects participating in congestion management (in Dutch) can offer much needed ...



## Two landmark financing deals for UK BESS total GBP ...

Constantine Energy Storage closes GBP 180 million financing deal for 9-asset UK battery energy storage system (BESS) portfolio, while Zenobe announces GBP 220 million finance deal for a standalone BESS in the ...

## 'BESS project financing is rapidly evolving,' says ...

CEFC head of solar and battery storage Niall Brady notes the use of virtual battery agreements with BESS assets in Australia, such as the Collie BESS in Western Australia (pictured). Image: Neoen. "Battery energy ...



## Dentons advises banking consortium on largest BESS in the ...

Dentons has advised a consortium of six banks - ABN AMRO, Rabobank, ING Bank, Triodos Bank, Santander CIB, and ASR - on the EUR350 million loan to Lion Storage for the ...

## Proforma Financial Model of BESS - Acelerex

Financing Costs: Interest payments and debt servicing, which can significantly influence the overall cost structure of a BESS project. Equity return requirements for investors, ensuring a ...

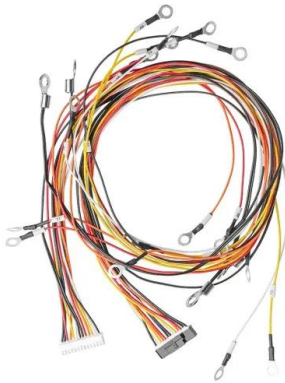


## CMS advise Fidra Energy on UK's largest battery ...

1 ??· CMS has advised Fidra Energy, a leading European battery energy storage system (BESS) platform headquartered in Edinburgh, UK, on the UK's largest BESS project, at Thorpe Marsh in South Yorkshire. The project ...

## Lion Storage's Mufasa redefines Dutch energy ...

Dutch energy storage developer Lion Storage, part of Return, announces that project Mufasa--one of the largest battery energy storage systems (BESS) in the Europe--has successfully reached Financial Close.



## ENGIE : BESS Development and Belgian Market

Impact For BESS, CRM represent between 10 to 20% of the revenue. Complex process, complex rules and additional liabilities can frighten BESS developers. Presence of a long-term contract ...

## Dentons advises banking consortium on largest BESS in the Netherlands

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## Mizuho Closes Landmark Financing for KKR and Infracapital's ...

This deal marks a significant milestone as the first BESS financing in EMEA for Mizuho, reinforcing the bank's commitment to supporting energy transition and ...

## TINC announces a strategic investment in the largest battery ...

Antwerp, February 18, 2025, 7:00 CET TINC, the infrastructure investor listed on Euronext Brussels, announces a EUR 61 million investment in Project Mufasa, one of the largest battery ...



## Navigating The Belgian Merchant Market: Financing Options For ...

Financing Options for a 270MWh BESS Project in the Belgian Merchant Market - Belgium's energy transition is accelerating, with a strong push towards renewable energy ...

## Netherlands' largest stand-alone Battery Energy ...

Dispatch, a Dutch battery developer, is going to construct the Netherlands' largest stand-alone Battery Energy Storage System (BESS) in the port area of Dordrecht. The system will be used for grid stabilization by storing ...



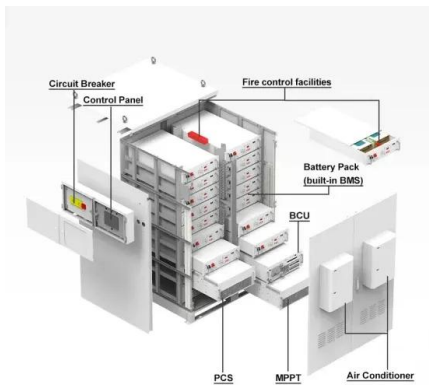
## [BESS in the Netherlands](#)

This article examines the structure of the Dutch energy market, focusing on renewables and BESS (battery energy storage systems) and identifying opportunities and ...



## "The addition of BESS can mitigate the risk of long-term PPAs"

Which are your preferred offtake options for BESS assets? When we have a standalone, grid-connected BESS, we look at tolling agreements or some profit-sharing ...



## Investment Analysis in BESS - Energy & Finance ...

The Investment Analysis in BESS Course is a live online program comprising 21 hours of instruction over 7 days. It provides an in-depth exploration of key aspects to consider when analyzing investments in Battery Energy Storage Systems ...

## BBDF 2025: Understanding BESS project bankability

Financing remains one of battery energy storage system's (BESS) biggest talking points, as bankability, risk mitigation, insurance, and more.



## GIGA Storage reaches financial close to construct battery storage project

Battery storage developer GIGA Storage has reached financial close and started the construction of the GIGA Leopard project, a 300MW-1.2GWh Battery Energy Storage ...

## Netherlands allocates EUR100m for PV co-located BESS in 2025

The EUR100 million (US\$106 million) allocation is part of a EUR416 million package for PV co-located battery energy storage system (BESS) technology that was initially to total EUR41.6 ...



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