

Latest on Belgium energy storage projects





Overview

Where is the battery energy storage project located in Belgium?

Once completed, the four-hour battery energy storage project will operate under a 15-year contract with Elia, Belgium's electricity grid operator, and be located next to Engie's gas power plant in Vilvoorde. From pv magazine ESS News site.

Is totalenergies developing a second battery storage project in Belgium?

Download the Press Release (PDF) Antwerp, April 3, 2024 – On the occasion of Belgian Energy Minister Tinne Van der Straeten's visit to TotalEnergies' Antwerp refinery battery storage project, the Company announced the development in Belgium of a second similar project. The new project will be developed on the site of TotalEnergies' depot in Feluy.

How can Giga storage help facilitate the nuclear phase-out in Belgium?

Our ambition is to help facilitate the nuclear phase-out by achieving 2025 GW of battery storage in Belgium before 2030. GIGA Storage specializes in large-scale energy storage, investing in projects for optimizing energy supply and ensuring grid stability.

Why is Belgium's storage fleet growing so fast?

Belgium's storage fleet is growing at a fast pace, not the least due to the opportunity to secure contracted revenues via its CRM auctions. On the last day of October, system operator Elia published the results of the CRM auctions held this year, showing that a total of 450 MW of BESS had secured contracts.

When will totalenergies start-up in Belgium?

Start-up is expected at the end of 2025. These two projects, which represent a global investment of nearly €70 million, will bring TotalEnergies' storage capacity in Belgium to 50 MW / 150 MWh. These battery storage sites play a key role in the resilience of the electricity system, providing flexibility and



helping solve grid congestion problems.

How did the energy crisis affect Belgian nuclear power?

“In 2022, the energy crisis led to a partial reversal of the Belgian nuclear phase-out. The lifetimes of the nuclear reactors of Doel 4 and Tihange 3, with a total capacity of 2.1 GW, were extended until 2035. This reduced the need for additional capacity in the Belgian power system.



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[Belgian capacity auctions catalyze 1.1 GW of battery storage](#)

Over the past four auction rounds, a total of 13 new large-scale BESS projects were selected, with ENGIE, Storm, and GIGA Storage securing the largest contracts.

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[TotalEnergies Launches New Battery Storage Project in Belgium](#)

The new project will be developed on the site of TotalEnergies' depot in Feluy. It will have a power rating of 25 MW and capacity of 75 MWh, thanks to the forty Intensium Max ...

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[Energy Storage in Belgium and Europe](#)

With over 2 GW of projects in development and a CAGR nearing 30% through 2030, Belgium is outpacing many European peers in energy storage growth. In our latest deep ...

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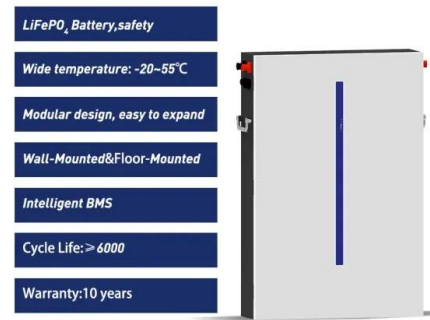


[Belgium electrochemical energy storage project bidding](#)

Who won a capacity market auction in Belgium? Image: Tinne Van der Straeten via Twitter. New-build battery storage projects from three developers totalling 357MW were among resources ...



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[Integrated Power & Renewables: TotalEnergies Launches in ...](#)

A First Flagship Energy Storage Project in Belgium After commissioning four battery parks in France offering total energy storage capacity of 130 MWh, this project will be the Company's ...

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[Sweco to design one of Europe's largest battery ...](#)

Sweco will deliver the design of the civil engineering and electrical engineering works of the battery energy storage system (BESS). Construction ...

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[Belgian fund invests in 600-MWh battery storage project , Energy](#)

I4B - The Belgian Infrastructure Fund has invested EUR 30 million (USD 34.6m) in a 600-MWh battery energy storage system (BESS) project in Belgium, one of the country's ...

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[ENGIE and NHOA Energy break ground on 400 MWh ...](#)

Kallo, 14 May 2025 - NHOA Energy, the global provider of utility-scale energy storage systems, today celebrated with ENGIE the groundbreaking of a 400 ...

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[Energy storage market analysis in 14 European ...](#)

The European Energy Storage Market Monitor (EMMES) updates the analysis of the European energy storage market (including household storage, industrial ...

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[Sweco to design one of Europe's largest battery energy storage ...](#)

Sweco will deliver the design of the civil engineering and electrical engineering works of the battery energy storage system (BESS). Construction is set to begin in the ...

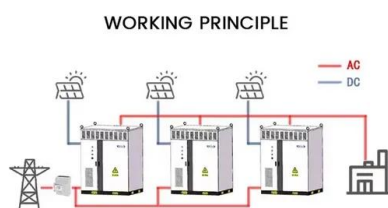
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[Colossal battery park in Belgium to store energy to power ...](#)

Green Turtle, situated on the Rotem industrial site in Belgium's northwestern Limburg province, was originally planned as a 600 MW battery storage park for renewable ...

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[Engie breaks ground on 800 MWh battery in Belgium](#)

Once completed, the four-hour battery energy storage project will operate under a 15-year contract with Elia, Belgium's electricity grid operator, ...

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ENGIE and NHOA Energy break ground on 400 MWh battery project in Belgium

Kallo, 14 May 2025 - NHOA Energy, the global provider of utility-scale energy storage systems, today celebrated with ENGIE the groundbreaking of a 400 MWh battery energy storage ...

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[Engie starts building 800MWh BESS in Belgium](#)

A render of the project in Vilvoorde. Image: Engie. Multinational utility and IPP Engie has launched construction on a 200MW/800MWh battery ...

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[Eneco's largest battery will see the light of day in 2024](#)

By fully deploying battery energy storage, Eneco is contributing to a future-proof, reliable and affordable energy system in Belgium. With this project, Eneco is ...

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[TotalEnergies Launches New Battery Storage Project ...](#)

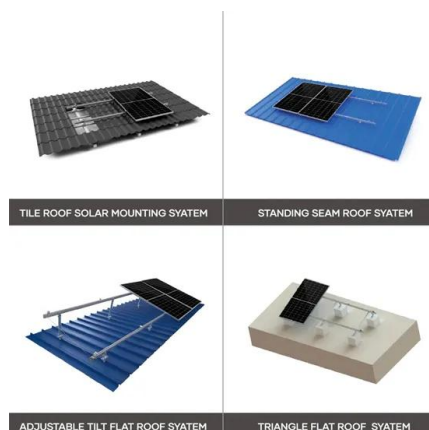
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[ESG closes financing for 75-MW battery system in Belgium . Energy](#)

Energy Solutions Group (ESG) announced today that it has completed project financing for a 75-MW/300-MWh battery energy storage system (BESS) under construction in ...

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Belgium to host one of the largest battery energy storage projects ...

"This first storage project in Belgium - our largest in Europe - will help ensure the stability of the Belgian and European grids to allow for greater development of renewable energies.

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[Belgium's 2027-28 capacity market auction](#)

New-build battery storage projects from three developers totalling 357MW were among resources awarded contracts in Belgium's latest capacity market auction. Belgian grid ...

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[Belgian capacity auctions catalyze 1.1 GW of battery ...](#)

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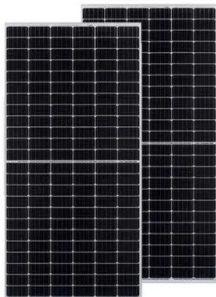
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