

# Total investment cost of backup power battery project in Belgium

Is TotalEnergies launching a second battery storage project in Belgium?

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 of a second similar project in Belgium. The new project will be located at TotalEnergies' depot in Feluy, featuring a power rating of 25 MW and a capacity of 75 MWh.

Why is TotalEnergies developing a battery energy storage system?

This project, located on the Antwerp refinery site, will benefit from the available land and the site's grid connection. It is a new step in TotalEnergies' development of battery energy storage systems (BESS) which strengthens the Company's presence across the entire electricity value chain in Belgium (production, storage, supply).

How much money will Saft invest in a lithium-ion storage project?

The project will utilize forty Intensium Max High Energy lithium-ion containers supplied by Saft, with start-up expected by the end of 2025. The combined investment for the two projects amounts to nearly EUR70 million. These initiatives will increase TotalEnergies' storage capacity in Belgium to 50 MW and 150 MWh.

How much money does TotalEnergies invest in Feluy?

The new project will be located at TotalEnergies' depot in Feluy, featuring a power rating of 25 MW and a capacity of 75 MWh. The project will utilize forty Intensium Max High Energy lithium-ion containers supplied by Saft, with start-up expected by the end of 2025. The combined investment for the two projects amounts to nearly EUR70 million.

Are batteries a solution to grid balancing?

Batteries are an effective response to the growing need for grid balancing. They can be deployed quickly, have a limited footprint and high reactivity. As a result, they can help meet the new challenges facing power grids today.

In Vilvoorde, on the outskirts of Brussels (Belgium), ENGIE's future 200-megawatt battery park will be capable of meeting the electricity consumption needs of nearly 96,000 households by 2025.

Financial close achieved for 100MWh battery energy storage project in Belgium. It's expected to be completed in the final quarter of 2022, connected to Belgium's high voltage grid. Financial ...

Paris - TotalEnergies has launched at its Antwerp refinery (Belgium), a battery farm project for energy storage with a power rating of 25 MW and capacity of 75 MWh, equivalent to the daily consumption of close to ...

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The Antwerp and Feluy projects, which represent a global investment of nearly EUR70 million (\$75.4 million), will bring TotalEnergies' storage capacity in Belgium to 50MW / 150MWh.

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.

TotalEnergies will have a 150 MWh total combined storage capacity in Belgium once the Feluy and Antwerp facilities are operational. Two projects reflect around \$75.79 ...

21.9 GWh of battery energy storage systems (BESS) was installed in Europe in 2024, marking the eleventh consecutive year of record breaking-installations, and bringing ...

The new project, with 25 MW of power and 75 MWh of capacity thanks to forty containers of Saft Intensium Max High Energy lithium-ion batteries, is scheduled for completion by the end of ...

The paper presents a cost comparison of thermal storage power plants (TSPP) with various conventional power plants. TSPP require less fuel and can better fulfill the ...

A digital illustration of the D-STOR battery storage project in Belgium. Image: BSTOR. Project owners BSTOR and Energy Solutions Group have started building separate BESS projects totalling 440MWh of capacity in ...

Centrica has completed the acquisition of an 18 MW battery storage project in Belgium from sustainable Venture Capital firm LRM. Commissioned in April 2018, the Terhills ...

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 ...

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 largest battery installation in ...

The rapidly evolving landscape of utility-scale energy storage systems has reached a critical turning point, with costs plummeting by 89% over the past decade. This dramatic shift transforms the economics of grid-scale ...

Eneco is investing in a major battery energy storage project in Wallonia. With the installation of a 50 MW/200 MWh of battery energy storage, sustainably generated electricity can be used more efficiently to balance Belgium's ...

A new 25 MW, 75 MWh battery storage project in Feluy will boost Belgium's storage capacity to 50 MW,

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150 MWh, aiding grid resilience and renewable energy growth. Completion expected by end of 2025.

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