

## SolarTech Power Solutions

# BESS containerized generator in Antwerp Belgium



## Overview

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What is the new Bess project?

The new project will be almost identical as the one launched in March last year and should go live by end-2024. The new BESS will be installed on the site of TotalEnergies' depot in Feluy, Hainaut province, and will consist of 40 Intensium Max High Energy lithium-ion containers.

What is totalenergies' largest Bess project in Europe?

It is TotalEnergies' largest BESS project in Europe and builds on a series of units in neighbouring France deployed and commissioned by Saft, which it acquired in 2016, totalling 130MWh. These include a 61MWh system completed in late 2021, the largest in France, and a 25MWh system completed a few months later.

Where will a 100 mw Bess gas plant be installed?

An initial, 100 MW BESS was due to be installed by September last year in Vilvoorde, north of Brussels, with a second 100 MW phase due in January. That site is based at an Engie gas plant and the French utility is also developing an 80 MW/320 MWh BESS in Drogenbos, in Belgium's Flemish region.

How will totalenergies benefit from a Bess project?

It will benefit from the existing land and grid connection of the refinery, which is one of the largest oil refineries in Europe. It is TotalEnergies' largest BESS project in Europe and builds on a series of units in neighbouring France deployed and commissioned by Saft, which it acquired in 2016, totalling 130MWh.

How does totalenergies work in Belgium?

nergies and electricity in BelgiumIn Belgium, TotalEnergies is a major player in the entire electricity value chain. As an electricity supplier, the company has a portfolio of 450,000 BtC sites and around 100,000 BtB sites. To supply them

with energy, TotalEnergies relies in particular on the Marchienne-au-Pont CCGT power plant (430 MW).

Why did Elia get a Bess contract?

Elia awarded the contract for the 100 MW/400 MWh BESS near the village of Kallo, in the fourth round of Belgium's CRM, a procurement program introduced by the government because of the planned decommissioning of nuclear power plants this year.

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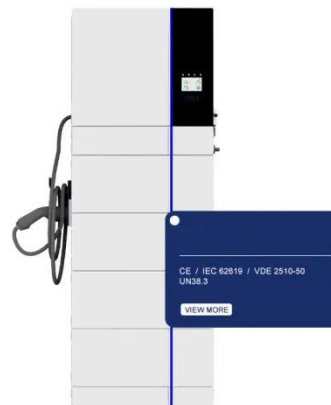


### Integrated Power & Renewables: TotalEnergies Launches ...

May 15, 2023 · Integrated Power & Renewables: TotalEnergies Launches in Belgium Its Largest Battery Energy Storage Project in Europe Paris, May 15, 2023 - TotalEnergies has launched ...

### White paper BATTERY ENERGY STORAGE SYSTEMS ...

Jun 24, 2024 · The majority of newly installed large-scale electricity storage systems in recent years utilise lithium-ion chemistries for increased grid resiliency and sustainability. The ...



### Brussels energy storage power manufacturer

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## ENGIE : BESS Development and Belgian Market

Oct 21, 2024 · Vilvoorde BESS - Where are we? Auction in T-1 and T-4 up to 2024, plus T-2 as from 2025. Technology agnostic (derating factor). Volume fixed every year by Belgian ...



## TotalEnergies plans battery energy storage

## farm at Antwerp ...



May 19, 2023 · TotalEnergies SE is collocating what will become Belgium's first battery-based energy storage system (BESS) at the operator's 338,000-b/d integrated refining and ...

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