

# **Brussels largest energy storage project**





## Overview

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Where is the largest battery energy storage system in Europe?

The largest battery energy storage system in mainland Europe has gone live in Belgium, as Sungrow and ENGIE completed the first 400MWh phase of the 200MW/800MWh Vilvoorde project. Project: ENGIE Vilvoorde Battery Energy Storage System Capacity: 200MW / 800MWh (400MWh Phase 1 online)  
Location: Vilvoorde, Belgium.

What is the largest battery energy storage system in the world?

It is the site of the largest permitted battery energy storage system (BESS) on the continent at 2.8GWh, one of the largest under construction at 800MWh, and two under-construction projects announced last week will add another 440MWh to its growing operational capacity.

Why is battery storage important for Belgium's energy transition?

Upon completion of the second 400MWh phase by the end of 2025, the entire installation will be providing clean, stable power for about 96,000 homes and helping stabilize Belgium's power grid. Battery storage is one of the most vital, yet too often overlooked, pieces of the energy transition jigsaw," said Moritz Rolf, Sungrow Europe Vice President.

Is Belgium a good place to invest in battery storage?

Belgium is one of the most active and mature grid-scale energy storage markets in Europe, with diversified opportunities for monetising battery storage via flexibility markets and a supportive regulatory regime.



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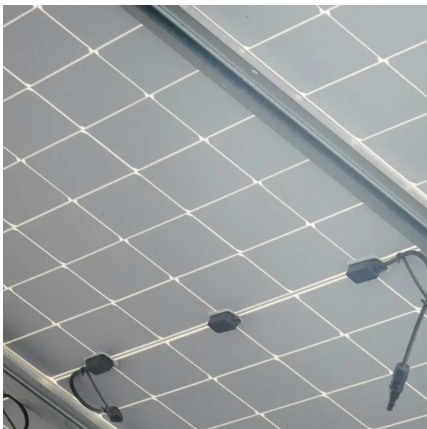


### [Construction starts on 440MWh of Tesla ...](#)

Jan 20, 2025 · A digital illustration of the D-STOR battery storage project in Belgium. Image: BSTOR. Project owners BSTOR and Energy Solutions ...

### [Belgium activates first 400 MWh stage of Europe's largest ...](#)

Oct 31, 2025 · Europe's largest grid battery project has completed the first phase of 400 MWh energy production, marking a significant milestone in Belgium's energy independence goals. ...



### ['Largest battery in mainland Europe' powers up in Belgium](#)

Oct 1, 2025 · Engie and Sungrow have commissioned the first 400 MWh phase of mainland Europe's largest battery energy storage system in Vilvoorde, Belgium, with full capacity due by ...

### [Update on Europe's Largest Battery Energy Storage System ...](#)

Nov 22, 2025 · The largest battery energy storage system in mainland Europe has gone live in Belgium, as Sungrow and ENGIE completed the first 400MWh phase of the 200MW/800MWh





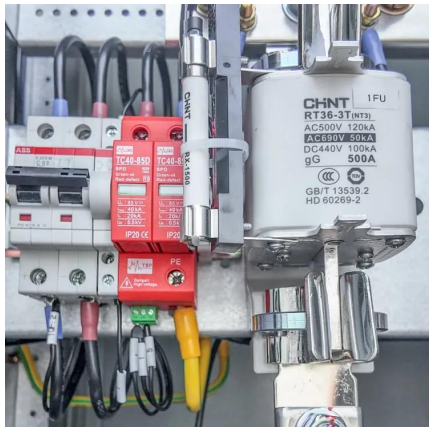
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## Construction starts on 440MWh of Tesla battery storage in Belgium

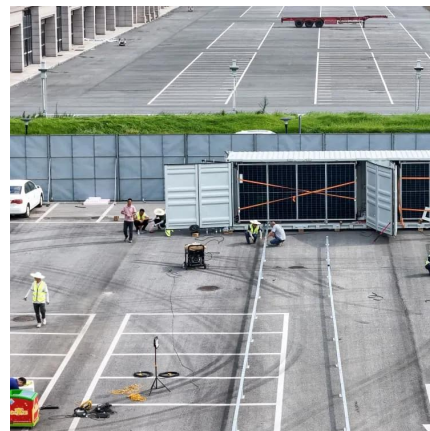
Jan 20, 2025 · A digital illustration of the D-STOR battery storage project in Belgium. Image: BSTOR. Project owners BSTOR and Energy Solutions Group have started building separate

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## Europe's Largest Battery Storage Project Sees First Phase ...

Europe's Largest Battery Storage Project Sees First Phase Activated by Sungrow and ENGIE Amsterdam, September 30, 2025 - The first 400 MWh segment of mainland Europe's most ...



## 'Largest battery in mainland Europe' powers up in Belgium

Oct 1, 2025 · Engie and Sungrow have commissioned the first 400 MWh phase of mainland Europe's largest battery energy storage system in Vilvoorde, Belgium, with full capacity due by ...





## [Sungrow and ENGIE complete first 400 MWh of Europe's largest ...](#)

Amsterdam, September 30, 2025 - Sungrow, global leading PV inverter and energy storage system (ESS) provider, today announced the successful grid connection of the first 400MWh ...

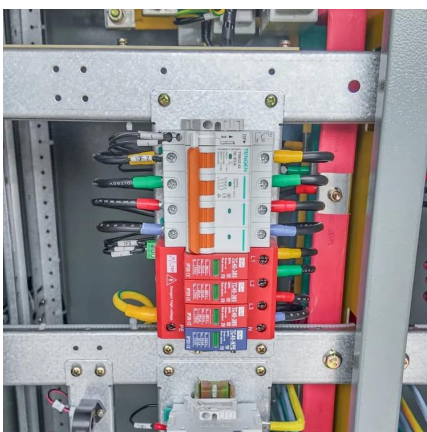


## [Belgium's Largest Battery Energy Storage System Goes Live](#)

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3 days ago · The project strengthens the strategic partnership with ENGIE and reinforces NHOA Energy's long-term commitment to the Benelux markets NHOA Energy, global provider of ...



## ENGIE and NHOA Energy Collaborate for 320 MWh BESS

3 days ago · ENGIE awards NHOA Energy a 320 MWh battery storage system in Belgium to enhance grid stability and renewable integration.



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