

# Belgian user-side energy storage project





## Overview

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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.

What is a 600 MWh power plant in Belgium?

The 600MWh facility, developed in partnership with Belgian energy company Luminus, is among the country's largest and aims to strengthen grid stability while facilitating the integration of renewable energy sources. The project supports Belgium's broader energy transition and is aligned with both national and European Union decarbonisation goals.

What does the Visé project mean for Belgium's energy infrastructure?

The Visé project is scheduled to play a vital role in Belgium's energy infrastructure once operational. It reflects increasing interest in battery storage across Europe as countries seek to optimise renewable energy use and modernise their grids.

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



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ENGIE and NHOA Energy Expand Their Partnership in Belgium ...

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 ...

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Belgium Advances Grid Resilience with ENGIE-NHOA 400 ...

May 19, 2025 · As Belgium prepares for the 2025 nuclear phase-out, grid reliability is emerging as a central challenge. The latest response comes from Kallo, Beveren, where ENGIE and NHOA ...

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I4B - The Belgian Infrastructure Fund invests ...

Jun 12, 2025 · The Belgian Infrastructure Fund is proud to announce the closing of the financing of a cutting-edge 600 MWh Battery Energy ...

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Update on Europe's Largest Battery Energy Storage System ...

As of November 22 2025, both phases of the largest battery storage system in Europe have been completed and with the second phase awaiting commissioning.. The company is also building ...

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ENGIE and NHOA Energy break ground on ...

May 14, 2025 · NHOA Energy will deliver the storage system, designed to enhance grid stability Kallo, 14 May 2025 - NHOA Energy, the global ...

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Energy Solutions Group finances 300 MWh Belgian battery

Jan 17, 2025 · Belgian clean power developer Energy Solutions Group (ESG) has announced it has completed the project finance for the 75 MW/300 MWh battery energy storage system ...

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I4B Backs 600MWh Battery Project in Belgium

Jun 16, 2025 · I4B - The Belgian Infrastructure Fund - has announced a EUR30 million investment in a major battery energy storage system (BESS) project in Visé, Belgium. The 600MWh facility, ...

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ENGIE and NHOA Energy Collaborate for 320 MWH BESS

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Energy Solutions Group finances 300 MWh ...

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

May 14, 2025 · NHOA Energy will deliver the storage system, designed to enhance grid stability  
Kallo, 14 May 2025 - NHOA Energy, the global provider of utility-scale energy storage ...

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Belgian fund invests in 600-MWh battery storage project , Energy

Jun 16, 2025 · 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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I4B - The Belgian Infrastructure Fund invests in one of Belgium...

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Belgian Fund Backs Flagship 600-MWh Grid Battery in Visé Project

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