

# **BESS power station production by Belgium Communications**





## Overview

---

Where is ENGIE building a Bess project?

Engie has started construction on a 100MW/400MWh capacity market contract-winning BESS project in Kallo, Belgium, provided by NHOA Energy.

What is the Bess Vilvorde project?

The BESS Vilvorde project is in line with the Group's commitment to developing large-scale flexibility solutions, an essential link in the integration of renewable energy production. It will contribute to ENGIE's goal of achieving 10 GW of installed battery capacity worldwide by 2030.

What does Bess stand for?

In a significant stride toward a cleaner and more flexible energy future, global energy leader ENGIE, in collaboration with NHOA Energy, celebrated the groundbreaking of a major battery energy storage system (BESS) in Kallo, a district in Beveren, Belgium.

When will Bess Vilvoorde be launched?

BESS Vilvoorde will be launched in two phases, with the commissioning of 100 MW of batteries in September 2025, and a further 100 MW in January 2026. ENGIE is also developing two other BESS projects in Belgium for which the Group has already obtained permits, in Kallo (100MW / 400 MWh) and Drogenbos (80MW / 320 MWh).



## BESS power station production by Belgium Communications

---

ENGIE starts construction of one of Europe's ...

Jul 5, 2024 · The BESS Vilvorde project is in line with the Group's commitment to developing large-scale flexibility solutions, an essential ...

---

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.

---

NHOA Energy to Build 320 MWh BESS for ENGIE in Belgium

3 days ago · NHOA Energy has been awarded by ENGIE a contract for the supply, commissioning and long-term service of an 80 MW/320 MWh battery energy storage system ...

---

NHOA Energy, ENGIE to develop BESS facility in Belgium

2 days ago · NHOA Energy and ENGIE have announced plans to develop a new 80 MW/320 MWh battery energy storage system (BESS) at ENGIE's Drogenbos power station near ...

---

ENGIE & NHOA Start 400 MWh Battery Project in Belgium

ENGIE and NHOA Energy Break Ground on Landmark 400 MWh Battery Storage Project in Belgium In a significant stride toward a cleaner and more flexible energy future, global energy ...

---

ENGIE and NHOA break ground on Belgian ...

May 19, 2025 · This ambitious project follows ENGIE's recent success in the Belgian grid operator Elia's fourth Capacity Remuneration Mechanism ...

---

Engie's 400 MWh Belgian battery taking shape

May 15, 2025 · French state-backed utility Engie has broken ground on the second of the battery energy storage systems (BESS) awarded it by Belgian grid operator Elia under a national plan ...

---

NHOA and Engie break ground on 400MWh ...

May 15, 2025 · Image: NHOA / Engie Utility and power generation firm Engie has started construction on a 100MW/400MWh BESS project in Belgium, ...

---

ENGIE starts construction of one of Europe's largest battery ...

Jul 5, 2024 · The BESS Vilvorde project is in line with the Group's commitment to developing large-scale flexibility solutions, an essential link in the integration of renewable energy ...

---

Impressive Belgian battery storage: 800 MWh is essential

Nov 21, 2025 · Impact on Renewable Energy Integration with Belgian battery storage By providing essential grid-balancing services, the Vilvoorde BESS enables greater integration of



variable ...

---

#### NHOA and Engie break ground on 400MWh Belgium BESS

May 15, 2025 · Image: NHOA / Engie Utility and power generation firm Engie has started construction on a 100MW/400MWh BESS project in Belgium, for which it has enlisted system ...

---

#### ENGIE and NHOA break ground on Belgian BESS project

May 19, 2025 · This ambitious project follows ENGIE's recent success in the Belgian grid operator Elia's fourth Capacity Remuneration Mechanism (CRM) auction. Under the terms of their ...

---

#### ENGIE, NHOA Greenlight 320 MWh Battery Storage (BESS) ...

3 days ago · ENGIE and NHOA have confirmed a partnership to build a 320 MWh battery energy storage system (BESS) at Drogenbos, Brussels. This project is ENGIE's third battery storage ...

---

## Contact Us

For technical specifications, project proposals, or partnership inquiries, please visit:

<https://walmerceltic.co.za>

## Scan QR Code for More Information





<https://walmerceltic.co.za>