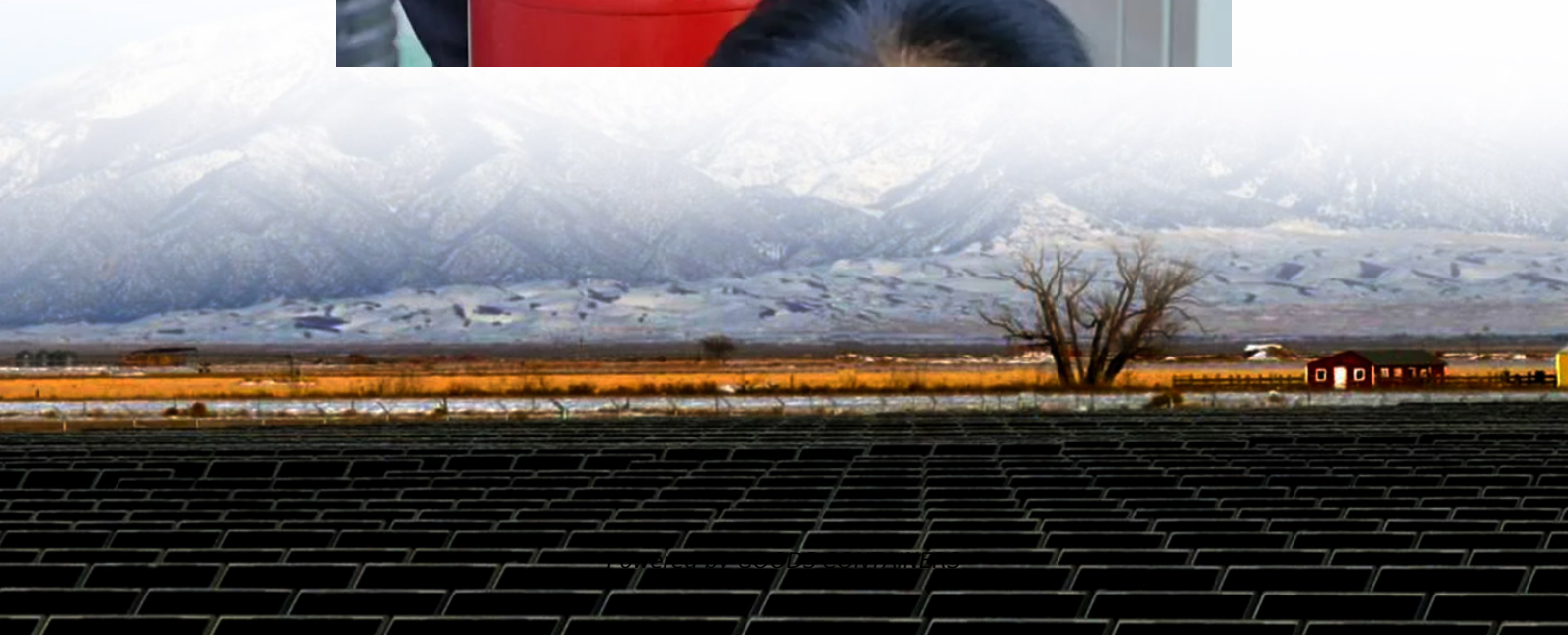


# **Battery energy storage project construction in the Netherlands**





## Overview

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What is a fast battery energy storage system (BESS)?

Credit: RWE. RWE has commenced construction of an ultra-fast battery energy storage system (BESS) at its Moerdijk power plant in the Netherlands. The system, designed with an installed capacity of 7.5MW and a storage capacity of 11 megawatt hours (MWh), aims to enhance grid stability by providing or absorbing electricity within milliseconds.

How will Vattenfall manage a battery energy storage system?

Vattenfall will manage and optimize half of the system's capacity under an eight-year contract. Return has launched construction works on the 100 MW / 200 MWh Antares battery energy storage system (BESS) in Waddinxveen, in the western Netherlands. The project is set to go live mid 2026 and play a critical role in stabilizing the Dutch grid.

What is the Moerdijk battery storage project?

The Moerdijk battery storage project is a strategic component of the system integration solutions for OranjeWind, a collaborative offshore wind project between RWE and TotalEnergies.

What is a battery energy storage system?

A battery energy storage system of this size is a premiere for the Netherlands. The installation can store green electricity from offshore wind farms for more than 200,000 households. With a storage capacity of 1,400 MWh and an energy capacity of 350 MW, the BESS is also one of the largest projects in Europe.



## Battery energy storage project construction in the Netherlands

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### RWE starts construction of utility-scale battery storage project ...

Feb 7, 2024 · RWE is further expanding its battery storage business worldwide. The company has now started construction of its first utility-scale Dutch battery storage project with an installed ...

### Return starts construction Antares: mega battery energy storage ...

Apr 24, 2025 · "With Antares, we're demonstrating how smart, flexible storage can unlock the full potential of renewable energy while ensuring grid stability." "Battery storage projects such as ...



### Green light for utility-scale battery storage project in Delfzijl

Jun 2, 2025 · GIGA Storage, a Dutch and Belgian battery storage developer, has reached financial close for its utility-scale Battery Energy Storage System (BESS) project GIGA ...

### Construction starts on first big battery to directly connect to ...

Apr 24, 2025 · Dutch energy storage firm Return has started construction on the 100 MW/200 MWh battery energy storage system in Waddinxveen, which will be the first project of the size ...



### **GIGA Storage completes EUR300 million financing and starts construction**

Amstelveen, 2 June 2025 - GIGA Storage, the leading Dutch and Belgian battery storage developer, in which InfraVia invested in 2024\*, announces it has reached financial close and ...



### [RWE Begins Construction of Ultra-Fast BESS in Netherlands](#)

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Oct 20, 2025 · GIGA Storage has launched Amsterdam's largest battery project, "Giraffe" battery energy storage system (BESS) in Westhaven, marking a major milestone in the city's ...





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### **Pioneering for largest battery energy storage system in the Netherlands**

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