

# **Belgian wind power storage configuration**





## Overview

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Can offshore wind energy be used in Belgium?

Other forms of offshore renewable energy are being studied but are still at an experimental or demonstration stage. Since 2020, a total capacity of 2261 MW of offshore wind energy is operational in the Belgian part of the North Sea. The federal government decided to increase the capacity of offshore wind energy in 2021.

Why are energy storage projects taking off in Belgium?

Energy storage projects in Belgium and the surrounding Benelux region have taken off due to storage-friendly market rules and energy transition drivers—leading to an increased need for grid flexibility and good interconnection across other markets.

Does Belgium have a long-term energy and Climate Strategy?

Belgium has a long-term energy and climate strategy in place to meet EU's carbon-neutrality target by 2050.

How much electricity does the Belgian power grid produce a year?

significantly more. In 2022, a total production of 6.6 TWh was delivered to the Belgian power grid. In 2023, this increased to 8 TWh. This corresponds to the annual electricity needs of nearly 2.3 million households or about 10.2% of the total electricit to Remove BarriersWork to remove barriers to new wind energy



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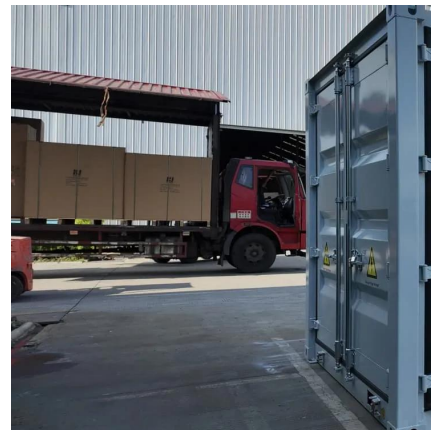


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