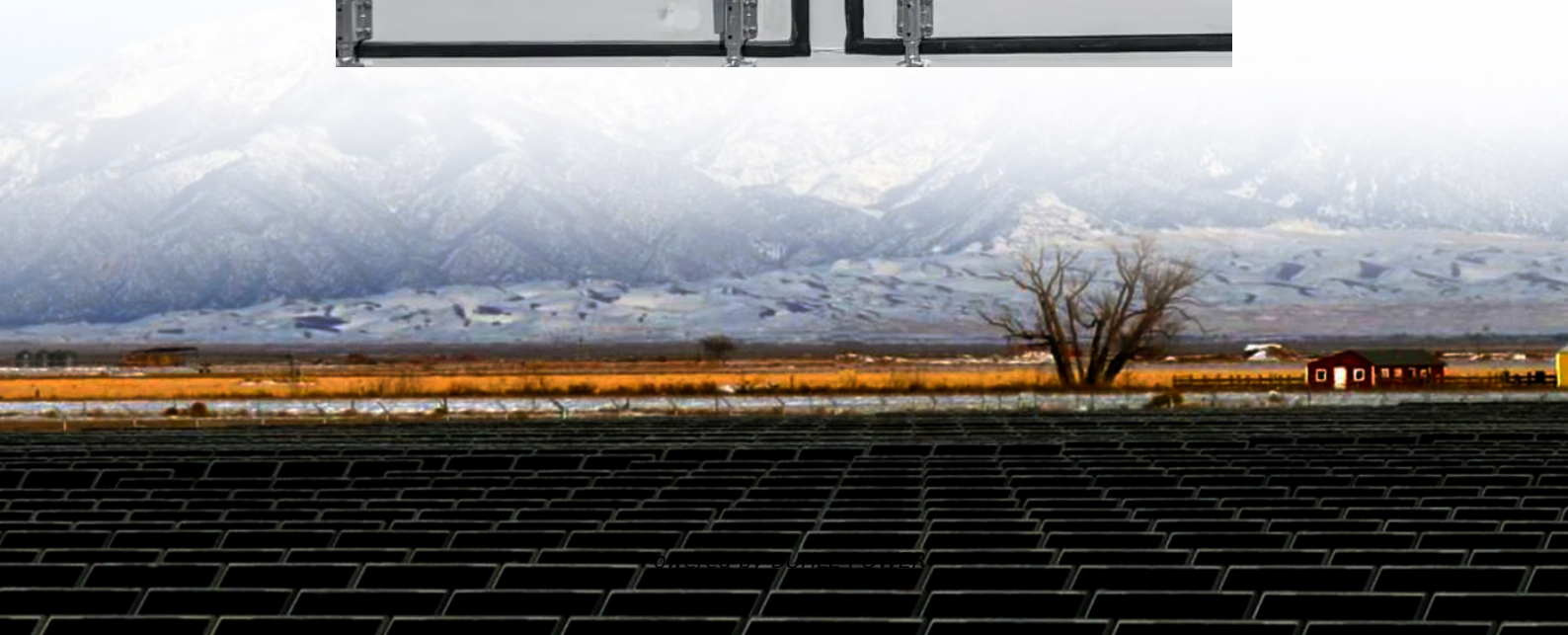


# **Belgian energy storage power station**





## Overview

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What is the largest battery storage project in Belgium?

Construction has started on what will be the largest battery storage project in Belgium at 25MW/100MWh when completed later this year. Nala Renewables' lithium-ion battery energy storage system (BESS) will come online at metals conglomerate Nyrstar's zinc smelting operation in Balen, in Belgium's Flemish region, by the end of 2022.

What is the energy storage project in Belgium?

The main energy storage project in Belgium is the construction and operation of an offshore "energy atoll" (essentially a manmade offshore pumped-storage facility), for which the Electricity Act has been modified in 2014 (see below), in order to support offshore wind-generated electricity production.

How many pumped storage hydroelectric power stations are there in Belgium?

Belgium has two pumped storage hydroelectric power stations: Coe-Trois-Ponts (1164 MW) and Plate-Taille (143 MW). Pumped storage stations are a net consumer of electricity, but they contributed 1.4% to the gross electricity production in 2010.

Who is delivering a battery energy storage system?

It will be delivered by Italian developer NHOA Energy. 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 to procure more grid electricity.



## Belgian energy storage power station

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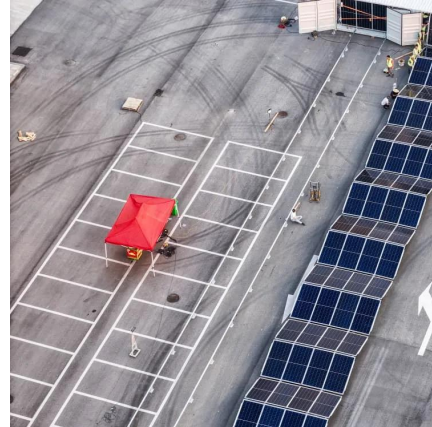
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The pumped-storage power station working together with the energy storage battery can increase the response speed more quickly, improve the fault ability, achieve multi-time scale ...



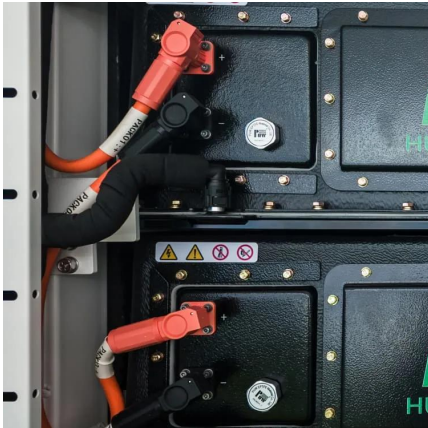
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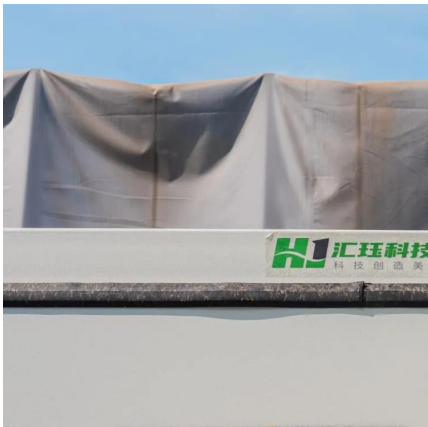


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