

# **Cost of energy storage projects at Belgian substations**



## Overview

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Project owners BSTOR and Energy Solutions Group have started building separate BESS projects totalling 440MWh of capacity in Belgium, following financial close, both of which will use Tesla Megapacks. Belgium is one of the most active and mature grid-scale energy storage markets in Europe, with.

Tesla is set to provide Megapack batteries for a new energy storage project in Harmignies, Belgium, with a projected cost of \$87.4 million. The project will house a 75 MW/300MWh capacity within a former cement factory and is expected to be completed by the end of the year. Funding will be sourced.

The project consists of 82 Tesla Megapacks 2XL and can deliver 75 MW of power over a period of four hours. 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 (BESS) it is constructing in.

of tradition and innovation in energy storage. He has witnessed the progression from legacy lead-acid batteries to today's high-performance lithium-ion systems, and now to emerging technologies, outpacing many of its European counterparts. System operator Elia's capacity auctions have contracted 1.1 GW.

A partnership between BSTOR and Duferco Wallonie has begun construction works on a 50-MW/140-MWh battery energy storage system (BESS) in Wallonia, southern Belgium. The ESTOR-LUX battery energy storage park in Belgium. Image source: BSTOR. Located at a Duferco site in La Louviere, the D-STOR.

The rapidly evolving landscape of utility-scale energy storage systems has reached a critical turning point, with costs plummeting by 89% over the past decade. This dramatic shift transforms the economics of grid-scale energy storage, making it an increasingly viable solution for Europe's renewable.

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