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Belgium high voltage battery bank

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The battery energy storage system (BESS) park in Vilvoorde, Belgium, one of the largest in Europe, will cover 3.5 hectares - about the size of 3.3 football fields. The site will accommodate 320 battery modules, measuring ...

In cooperation with Belgian high-voltage grid operator Elia, the battery ensures that the ever-increasing volumes of variable solar and wind energy can be deployed in an efficient way and keeps grid power in balance.

Eneco is investing in a major battery energy storage project in Wallonia. With the installation of a 50 MW/200 MWh of battery energy storage, sustainably generated electricity can be used more efficiently to balance Belgium's electricity grid. The permit has been obtained, the battery ordered and preparatory study works are underway to have the ...

A first flagship energy storage project in Belgium. After commissioning four battery parks in France offering total energy storage capacity of 130 MWh, this project will be the Company's largest battery installation in Europe.

The proximity of the future high-voltage station ensures a short and direct connection of the battery park to the 380kV high-voltage grid, the backbone of the Belgian electricity grid. In the past, there were already plans for the realization of a battery park at this location by another energy company.

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BSTOR provides services along the whole project lifetime of battery assets from development (feasibility, sizing, business model, procurement) and financing (revenue sourcing and structuration, debt sourcing, equity supply), to ownership (lifetime cost and revenue management, decommissioning) and decommissioning (second life management).

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