

Kongres Container

Large-scale energy storage project construction in the Netherlands



Overview

Almere, the Netherlands, 28 January 2025— Alfen, an energy solutions specialist in Europe, has signed an agreement with FlevoBESS to deliver a 31.6MW/126.4MWh battery energy storage system, one of the first large scale 4-hour systems in the Netherlands. Why does the Netherlands need energy storage?

“As the Dutch energy transition efforts accelerate, the demand for flexibility is growing also. The challenges to our electricity grid have never been greater. Without adequate energy storage, the Netherlands risks increasing grid instability and security of supply risks,” Lion Storage said in its announcement.

What is RWE's first large-scale battery storage project?

RWE's first large-scale battery storage project in the Netherlands is a major step towards a reliable electricity supply in an increasingly green national energy system. Through this, RWE is actively helping to further stabilise the Dutch electricity grid.

Will Giga storage be Europe's largest project?

Strategically positioned at the connection between the Netherlands, Belgium, and Germany, this 700 MW/ 2,8 GWh project should be the largest in Europe.” says Vincent Menager, Investment Director at InfraVia, which invested in GIGA Storage in 2024. “We are very pleased with the outcome of the debt raising exercise.

Where is a new energy grid located in the Netherlands?

Located near Dronten, in Flevoland, a central part of the Netherlands, the system will support the region’s ambitious energy transition goals by stabilising the grid, enabling renewable integration, and preparing for future expansions to 204MWh by 2028.

What is the Eemshaven battery project?

The Eemshaven battery project is RWE's first large-scale battery storage project in the Netherlands with an installed capacity of 35 megawatts (MW) and a storage capacity of 41 megawatt hours (MWh). That is equivalent to powering 3000 EV chargers at once. 110 lithium-ion battery racks are installed at the Eemshaven power plant.

Will Alfen deliver a 4 hour battery energy storage system in the Netherlands?

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