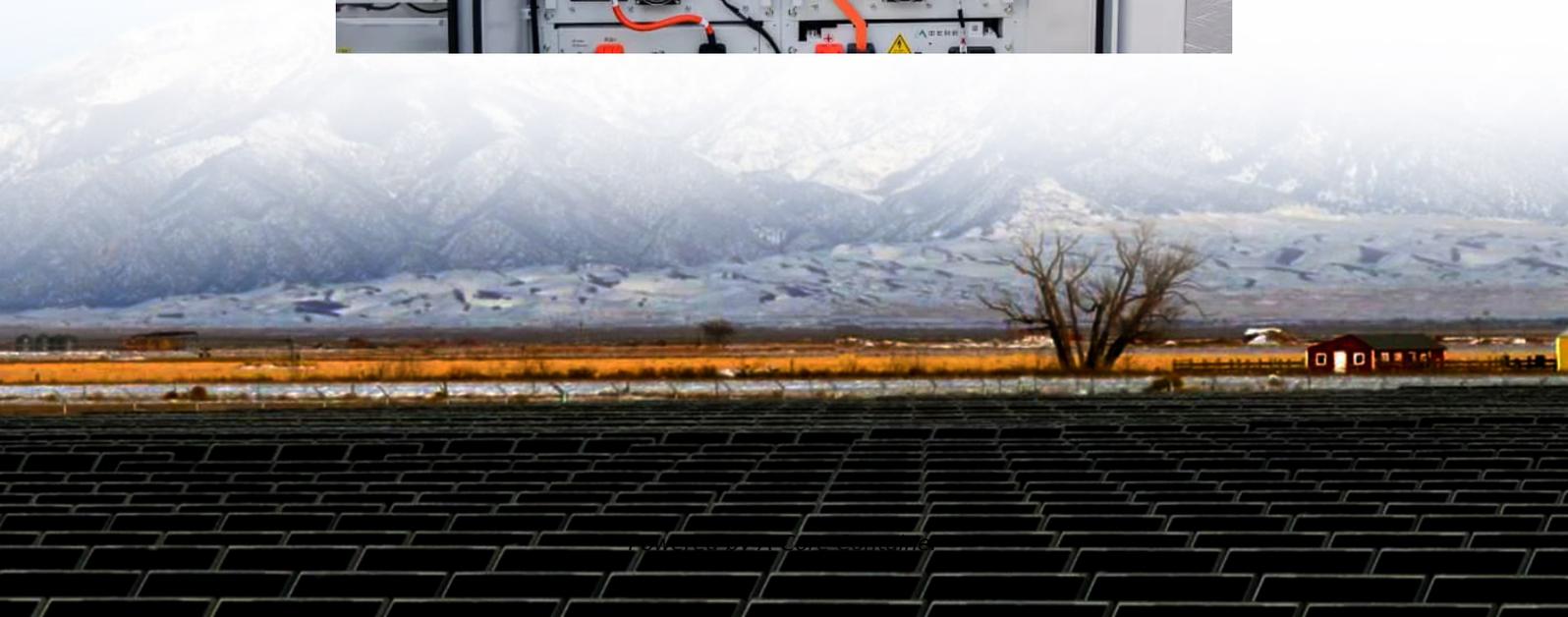


## A-Core Container

# UK voltage energy storage power station



## Overview

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As one of the largest battery energy storage projects in the UK, the project will be connected to the UK's highest voltage level grid, providing stable green electricity support for the local grid and enhancing grid flexibility and reliability. What is the UK's largest battery energy storage system?

National Grid has energised what is being billed as the UK's largest battery energy storage system (BESS), connecting the 300MW Thurrock Storage project to its transmission network at Tilbury substation in Essex.

How many battery storage projects are there?

The pipeline of battery storage projects has continued to grow steadily again, from 84.4GW in December 2023 to 95.5GW in May 2024. This edition of the EnergyPulse report on Energy Storage shows there is 8.7GW of batteries in operation and under construction and more than 30GW projects have now been consented.

What is tagenergy's 100MW battery project?

National Grid plugs TagEnergy's 100MW battery project in at its Drax substation. Following energisation, the facility in North Yorkshire is the UK's largest transmission connected battery energy storage system (BESS). The facility is supporting Britain's clean energy transition, and helping to ensure secure operation of the electricity system.

What is a Capenhurst battery energy storage system?

Capenhurst is a 100MW connection battery energy storage system. It employs lithium-ion batteries and has the capacity to store 107 MWh of electricity. Capenhurst delivers reactive power services to the grid and ensures power supply security for the Mersey region.

Can tagenergy energise a battery storage project?

A battery storage project developed by TagEnergy is now connected and

energised on the electricity transmission network, following work by National Grid to plug the facility into its 132kV Drax substation in North Yorkshire.

Why did statera energy energize Thurrock storage?

Tom Vernon, Statera Energy's CEO and Founder, said the project provides critical flexibility. "We are delighted that Thurrock Storage is now energized, following its successful connection to the grid by National Grid Electricity Transmission. Increasing BESS capacity is essential for supporting the grid."

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