
London s largest energy storage project

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 the UK's largest solar installation?

In July, National Grid energised the 373MW Cleve Hill Solar Park in Kent -- currently the country's largest solar installation -- which is connected to an adjacent Cleve Hill substation. BESS have become central to the UK's efforts to balance an electricity system with growing amounts of intermittent renewable generation.

Why is Thurrock storage partnering with national grid?

National Grid Electricity Transmission director of customer and network development John Twomey said: "Battery storage plays a vital role in Britain's clean energy transition. Connecting Thurrock Storage, the UK's biggest battery, to our transmission network marks a significant step on that journey.

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