

UK energy storage deployment had the highest annual installed capacity in 2022 at 569MW/789 MWh. Image: Solar Media Market Research. The graphic above shows the built capacity of energy storage in the UK by project size by year where 2022 deployment levels exceeded the 2021 annual installed capacity of 617MWh.

Map of energy storage facilities in the UK, with information provided by research organisations and from the Department for Business, Energy and Industrial Strategy (BEIS). [View Database](#)

Government will unlock investment opportunities in vital renewable energy storage technologies to strengthen energy independence, create jobs and help make Britain a clean energy superpower

The United Kingdom added around 800 MWh new utility energy storage capacity this year. Furthermore, the country's energy storage pipeline increased substantially by 34.5GW. Around 2.4GW/2.6 GWh of battery energy storage sites have been connected in total by the end of 2022.

Utility-scale energy storage activity in the UK saw strong growth during 2021, with annual deployment growing 70% compared to 2020. Additionally, the pipeline of future projects increased by 11 GW (across 225 sites) to over 27 GW by the end of 2021.

Energy storage is a high priority for the UK Government and a key component of the government's push towards a net zero carbon economy. The government is investing more than \$4 billion in low-carbon innovation, as the UK aims to end its contribution to climate change entirely by 2050.

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Battery energy storage systems (BESS) are gaining popularity in the United Kingdom as a means of storing excess energy generated from renewable sources such as wind and solar for later use. Additionally, BESS can help to stabilise the grid and increase the ...

The UK is known to be one of the world's most active markets for battery energy storage. In 2022, the market saw a record 800 MWh of new storage capacity being added. This took the UK's operational energy storage capacity to ...

There has been a shift in the pipeline for current and future long duration electricity storage (LDES), from over 7.2GW in December 2023 to 10.5GW in May 2024. In January, the Government published its long-awaited consultation on the cap and floor revenue stabilisation mechanism for LDES.

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