
London Energy Storage Industrial Project

Is the UK ready for a new pumped storage hydropower facility?

"This is a historic moment for the UK's energy system. We've not built a new Pumped Storage Hydropower (PSH) facility in nearly 50 years, but with over 10GW and 200GWh of shovel-ready projects, the Hydropower sector stands ready to deliver.

What is long-duration electricity storage (LDEs)?

Long-Duration Electricity Storage (LDES) refers to energy storage systems that can store and release electricity for long periods, typically eight hours or more. These systems help balance the supply and demand of electricity, especially when using renewable energy sources like wind and solar, which can be unpredictable.

What is the future of battery storage in the UK?

Overall, battery storage in the UK is seeing sustained growth and shows a promising future. Over 70GWh of approved projects are due to be connected to just the transmission network by the end of 2030, well over the Clean Power 2030 goal.

Could 20GW of LDEs save the energy system £24 billion?

Government analysis has found that 20GW of LDES, the current target set for 2050, could save the electricity system £24 billion between 2030 and 2050, cutting household energy bills as additional cheap renewable energy reduces reliance on more expensive natural gas.

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 ...

Sungrow will supply 3.3 GWh of storage capacity to the largest UK BESS project to date. Head of UK Energy Storage Henry Xu talks big projects, narrow roads and local ...

London, UK - July 28, 2025 - Jinko ESS, global leading energy storage company and subsidiary of Jinko Solar Co., Ltd., has announced an agreement for a 140MWh grid-scale ...

A new energy company, ep Pixii, has been launched in London through a partnership between UK firm ep Group and Norwegian battery specialist Pixii. The joint ...

The first half of 2025 saw a 78% jump in project completions, a 25% increase in projects submitted for planning approval and a 49% jump in projects being approved. Clean Power ...

Ofgem has launched a new cap and floor investment support scheme, unlocking billions in funding to build major Long Duration Electricity Storage projects for the first time in ...

Further to the announcement of 19 November 2025, Invinity Energy Systems is pleased to confirm that construction of the 20.7 MWh Invinity Copwood VFB Energy Hub ...

The UK's battery storage sector is charging ahead at an incredible pace. Since 2020, operational capacity has increased by 509%, climbing from 1,128 MW to 6,872 MW in ...

In addition, Varco has launched Phase 2 of the project and selected Fluence to expand the site by an additional 85.5 MW / 201 MWh, to achieve a combined 142.5 MW / ...

