

British energy storage support policy

Could a new energy storage scheme help the UK achieve energy independence?

The UK is a step closer to energy independence as the government launches a new scheme to help build energy storage infrastructure. This could see the first significant long duration electricity storage (LDES) facilities in nearly 4 decades, helping to create back up renewable power and bolster the UK's energy security.

What is the long duration energy storage Investment Support Scheme?

Long Duration Electricity Storage investment support scheme will boost investor confidence and unlock billions in funding for vital projects. The UK is a step closer to energy independence as the government launches a new scheme to help build energy storage infrastructure.

What is the British Energy Security Strategy (BESS)?

The government therefore committed in the British Energy Security Strategy (BESS) to encouraging all forms of flexibility with sufficient large-scale, long duration electricity storage to balance the overall system by developing appropriate policy to enable investment, with this consultation setting out the proposed approach.³

What is the European Commission doing about energy storage?

The European Commission in 2020 published a study on energy storage, which summarized some previous studies and reports, explored current and potential energy storage markets in Europe, and set out policy and regulatory recommendations for energy storage.

What if the UK has a strong energy storage industry?

If the UK establishes a strong domestic energy storage industry, it can export storage capacity and technologies. Storage would reduce the UK's dependence on costly, polluting and uncertain fossil fuel imports. Great Britain currently has 2.8 gigawatts (GW) of LDES across four Pumped Storage Hydro (PSH) facilities in Scotland and Wales.

What is the future of energy storage in the UK?

The UK's energy storage market continues to experience strong growth. In 2024, operational capacity of energy storage resources was 4.6 GW/5.9 GWh, which was projected to increase to 7.4 GW/11.6 GWh by the end of 2024. Moreover, the future looks promising, with total planned capacity for energy storage projects of 85 GW/175 GWh.

On 23 May 2023, we announced our first debt transaction in battery storage, with a £62.5 million commitment to support the development of multiple new storage and grid stability facilities ...

The UK should not lose out on an opportunity to become a leader in utility-scale BESS (pictured), argues Nick Bradford of Atlantic Green. ...



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To drive forward investment in clean, home-grown energy production, Labour will create a new publicly-owned company, Great British Energy. It will be owned by the British people and ...

On 10 October 2024 the UK Government gave the green light to a cap and floor scheme to help bring long duration energy storage (LDES) projects to market. ...

A £9.1 billion package of support including a £150 non-repayable Council Tax rebate for the majority of households in England from April, with comparable provision in the devolved ...

By Kristyn Annis Chair, Energy Storage Canada Partner, Border Ladner Gervais, Toronto February 19, 2024
The last three years have seen utility-scale energy storage ...

The UK government is working to enable market access for storage. Its anticipated flexibility roadmap, along with the new cap-and-floor investment support scheme, is ...

Legislation & Policy Hydropower, or water power, is one of the most reliable, predictable and least environmentally intrusive of all the renewable energy technologies.

16 Information Latest News As Government confirms Great British Energy's commitment to community and local energy, CfR assesses progress towards the policy ...

This policy brief considers the role large-scale electricity storage will need to play in a GB electricity system supplied largely by wind and solar. The analysis of the amount and type of ...

Great British Energy will increase domestic clean energy production and public ownership of clean energy assets, build stronger UK supply chains, create jobs, and drive long ...

How many pumped storage hydro schemes are there in Great Britain? Great Britain currently has 2.8GW of LDES capacity across four pumped storage hydro schemes in Scotland and Wales. ...

Large-scale electricity storage This policy briefing explores the need for energy storage to underpin renewable energy generation in Great Britain. It assesses ...

The current energy policy of the United Kingdom is the responsibility of the Department for Energy Security and Net Zero (DESNZ), after the Department ...

This statement may be of interest to any persons, groups or organisation with an interest in the energy system. Feedback is being sought on the strategic priorities and policy outcomes set ...

Large-scale electricity storage This policy briefing explores the need for energy storage to underpin renewable energy generation in Great Britain. It assesses various energy storage ...

Clean Energy Group works with a diverse array of stakeholders across the country to support the development of state, regional and federal policies that will unlock the ...

The UK's energy landscape is evolving rapidly, with policy shifts, regulatory developments, and clean energy goals shaping the sector. In our recent TalkPower webinar, ...

Introduction 1. The power to designate a Strategy and Policy Statement (SPS) for energy policy in Great Britain was introduced by the Energy Act 2013. This is the first time that ...

What is the long duration energy storage Investment Support Scheme? Long Duration Electricity Storage investment support schemewill boost investor confidence and unlock billions in funding ...

Great British Energy's investment strategy is taking shape In an interview at Innovation Zero in April 2025, Great British Energy's interim CEO ...

As the UK transitions to a low-carbon economy, the BESS has played an integral role in supporting a cleaner energy transition. The capability of these technologies to support ...

Policies and targets confirmed in 138-page government plan to decarbonize Great Britain's electricity generation by 2030. Solar and storage to ...

Introduction: A plan for Britain's energy security This plan sets out the steps the government is taking to ensure the UK is more energy independent, secure and resilient. ...

Discover the evolving policies and regulations of the European Union and United Kingdom, with both issuing landmark legislation in the ...

Detailed roadmap on "cap and floor" mechanism urgently required to boost investor confidence in Long Duration Energy Storage (LDES) ...

Ekus Energy, the UK battery platform of Macquarie's Green Investment Group (GIG), has acquired a 1-GW/2-GWh portfolio of battery energy storage system (BESS) projects ...

This paper employs a multi-level perspective approach to examine the development of policy frameworks around energy storage technologies. The paper focuses on ...

Other barriers that were mentioned include: the lack of regulatory definition for storage, that increased deployment of flexibility reduces the revenues for each new storage system, existing ...

Detailed roadmap on "cap and floor" mechanism urgently required to boost investor confidence in Long

Duration Energy Storage (LDES) and vital Pumped Storage ...

The UK government has launched its consultation on its proposals for kickstarting investment into long-duration energy storage (LDES).

Several other provisions enter into force after 26 December 2023, and these include CCUS and hydrogen transport and storage licensing and revenue support, Ofgem's net ...

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