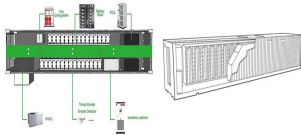
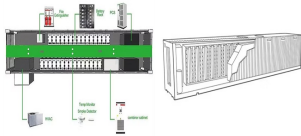


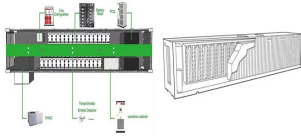
# WHAT ARE THE CHANGES IN THE UK'S ENERGY STORAGE POLICY



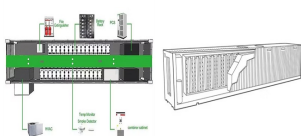
Should the UK invest in a strategic reserve of electricity storage? A strategic reserve of electricity storage is a critical investment to secure the UK's energy supply against future shocks, but the Government is still equivocating over whether it is necessary to invest in one. Since 2023, the Government has had a Department for Energy Security and Net Zero.



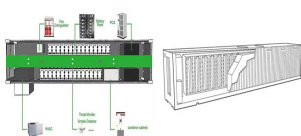
Why is the government removing market barriers to energy storage? In its response to EAC's report, published today, the Government has set out the steps it is taking to remove market barriers so as to support the rollout of energy storage projects at scale, in order to keep the lights on when renewable energy generation is low.



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.

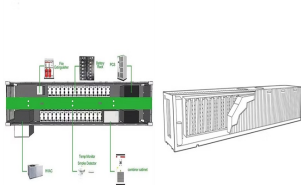


Why does the UK need long-term energy storage? In May, the predecessor Environmental Audit Committee (EAC) warned that the lack of long-term energy storage in the UK was driving the importation of gas so as to balance the nation's energy needs. Market, policy and regulatory barriers were all holding back the development of long-term energy storage.

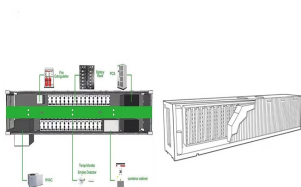


Does the UK have a framework for energy storage? Until the much-awaited Energy Act 2023 was issued, the UK legislative arsenal did not include a specific framework for energy storage.

# WHAT ARE THE CHANGES IN THE UK'S ENERGY STORAGE POLICY



Can long-duration energy storage improve energy security? The Committee's report on long-duration energy storage concludes that the Government must act fast to ensure that energy storage technologies can scale up in time to play a vital role in decarbonising the electricity system and ensuring energy security by 2035. Long-duration energy storage can reduce curtailment of renewables and grid congestion.



1 Introduction 1.1 Background. 1.1.1 There is an urgent need for new electricity generating capacity to meet our energy objectives. 1.1.2 Electricity generation from renewable ???



In March 2024, the House of Lords Science and Technology Committee said increasing the UK's long-duration energy storage capacity would support the UK's net zero plans and energy security. The government has ???



Where the clean power 2030 target comes from. The Labour party fought the 2024 UK election campaign on a manifesto pledging to "make Britain a clean energy superpower" with cheaper, zero-carbon electricity by 2030.. ???



The rise of responsible investing, together with a strong activist shareholder culture in the UK, benefits the renewable energy sector. The UK's independent Office for Budget Responsibility prices the UK's commitment to ???

# WHAT ARE THE CHANGES IN THE UK'S ENERGY STORAGE POLICY



Forecasts & consumption changes: As we move into 2024, weather forecasts are a key element in how the UK energy market is observed. Changes in the forecast have largely been driving the markets in the first couple of ???



Introduction. The UK's Energy White Paper marks the next chapter in UK energy policy development. It provides a framework for policy in the UK for many years to come. For the first time, the Government has sought to bring together energy ???



Energy Storage: The Act brings the missing clarity that was blocking investment by adding a clear definition for energy storage. It also amends the Electricity Act 1989 to state storage qualifies as a generation ???



Coal represents an insignificant part of the UK's energy mix, representing just 2.4 per cent of UK energy demand in 2023, down from 2.7 per cent in 2022. This is in line with UK Government energy policy, which for ???



Renewable energy development is set to accelerate further in 2025 as the government takes steps towards its ambitious decarbonisation targets and begins to implement the Clean Power 2030 Action Plan (CP30).. ???

# WHAT ARE THE CHANGES IN THE UK'S ENERGY STORAGE POLICY



Co-location with generation (particularly renewables) is also high on the energy storage agenda. Earlier this year, Western Power Distribution, a DNO, signed a contract with RES (a renewable energy company) to deliver an energy storage ???



The change in the law should make it much easier for energy storage schemes to get planning permission, to attract funding more easily, and enable them to be built more quickly. The recent UK Battery Storage Project ???



UK chancellor Rachel Reeves has delivered Labour's first budget since 2009, promising to "fix the foundations" of the economy through increased investment in areas including clean energy.. Announcing the budget in ???