

Councillors in Dorset, UK have reportedly approved one of the largest BESS projects in the world, from developer Statera Energy. The company's 400MW/2,400MWh Chickerell battery energy storage system (BESS) project was voted in favour of by six votes to two this week (29 July) at a Dorset Council meeting, according to numerous news reports.

Technologically, battery capabilities have improved; logistically, the large amount of invested capital and human ingenuity during the past decade has helped to advance mining, refining, manufacturing and deploying capabilities for the energy storage sector; and regulatory, governments around the world have been passing legislation to make battery energy storage ...

The Integrated National Energy and Climate Plan (Plan national intégré en matière d'énergie et de climat) provides the basis for Luxembourg's climate and energy policy. It describes the policies and measures to achieve the ambitious national targets for the reduction of greenhouse gas emissions (-55%), renewable energies (25%) and energy ...

On storage, the plan mentions that the energy storage market is practically non-existent today (currently around 20-25 MW installed battery capacity) but does not provide clear milestone and pipeline for future capacities. Grids The transmission capacity of cross-border high voltage lines already reaches 50%, far above the 15% EU target by 2030 ...

On 13 December 2024, the government launched an action plan to achieve clean power by 2030. The plan said that LDES was a "key enabler to a secure, cost-effective and low carbon energy system". It estimated that 4-6GW of LDES storage would be needed by 2030. ... Views on the government's proposals for a long-duration energy storage cap ...

Cruachan Dam, Scotland, an existing 440MW pumped hydro energy storage (PHES) facility, one of only four in the UK. Image: Drax Power. We take a look at the UK government's latest proposal for its long-duration energy storage (LDES) cap-and-floor scheme, how it differs from the initial programme, and get the views of LDES technology firm ...

A Luxembourg perspective. Plans for renewable energy in Luxembourg. In Luxembourg, a pivotal European hub for investment funds, the push towards renewable energy is met with a pressing need to upgrade power grids and storage facilities. The new government has prioritized these investments, signaling openness to public-private partnerships.

The Department for Energy Security and Net Zero (DESNZ) has reconfirmed its intention to introduce

financial support for long-duration energy storage (LDES) projects by way of a cap and floor mechanism, following consultation at the start of 2024. The technology-agnostic regime will provide financial support to projects that would otherwise not be able to progress, ...

o Regulation (EU) 2018/19993, forms the basis for Luxembourg's climate and energy policy for 2030. Addressing the following five dimensions, namely decarbonisation, including renewable ...

The government expects demand for grid energy storage to rise to 10 gigawatt hours (GWh) by 2030 and 20 GWh by 2035. What permissions do BESSs need? Installing a grid-scale BESS requires planning consent. ...

The German government has opened a public consultation on new frameworks to procure energy resources, including long-duration energy storage (LDES). Under the proposed Kraftwerkssicherheitsgesetz, loosely ...

Finally, in 2018, the French Government launched a "hydrogen plan" committing EUR100 million per year for five years, aimed at developing this technology and in particular its energy storage potential, in order to unlock longer-term storage opportunities. ... amendments to the Dutch regulatory framework are also likely to benefit various forms ...

The government has identified energy storage as an effective means to enable that trajectory. Studies from about three years ago from the national Electricity Authority (PUA), modelled a need for about 8GWh of storage, although more recent figures from the Israeli Green Energy Association put that at closer to a likely 10GWh of required storage ...

The report recommends that infrastructure plans and processes should be aligned with renewable energy deployment and should facilitate smart grid technologies such as demand-side response, batteries and other energy storage options. Luxembourg has generous support programmes for energy efficiency and renewable energy, two of the pillars of ...

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 Database Report by suggested the UK has more than 13.5GW of battery storage projects in the pipeline.

What are the objectives of the PNEC? This plan has 5 dimensions in which Luxembourg can act: research, innovation and competitiveness. In order to achieve the objectives of the Paris ...

Following October 2024's long-anticipated response (the "Response" - on which our commentary is available here) to its consultation on long duration energy storage in Great Britain ("LDES"), the Government ...

Government of Romania increases financial support for storage . The new coincides with the government increasing its financial support for energy storage via two schemes, both using funds from the EU's

Modernisation Fund. ...

Hungary's subsidy scheme for energy storage will drive huge growth in battery energy storage system (BESS) deployments over the next few years. Hungary has 40MWh of grid-scale BESS online today but that will jump ...

According to Stone, "if you look at how batteries are functioning in the UK Capacity Market, progress is already evident". "Short duration flexibility has a massive role to play in reducing the costs of the Great British energy system, saving £10 billion a year by 2050," Duncan Stone said this morning at the Energy Storage Summit 2025 in the UK.

Luxembourg city energy storage industry subsidies remains is still up in the air unless the government introduces subsidies or related profit models for distributed energy storage projects. As for centralized energy storage projects, as of the first half of 2023, the state-owned power ... Here are the new subsidies to reduce energy costs in ...

Following the Department for Energy Security and Net Zero's (DESNZ) October 2024 announcement on a proposed cap and floor regime for Long Duration Electricity Storage (LDES), Ofgem published its "call for input" ...

Iberdrola is one of Spain's largest utilities and is also active as an independent power producer (IPP) internationally. Image: Iberdrola. Utility and independent power producer (IPP) Iberdrola will deploy battery energy storage system (BESS) projects in Spain adding up to 150MW/300MWh, to be co-located with existing PV plants.

The Ministry of Energy and Spatial Planning, together with the ministries concerned, has put in place initial measures at national level in order to increase the security of energy supply in the ...

The balance and security of the renewable energy system will be ensured by sectoral coupling and, by 2050, by H2 technologies, e.g. Power-to-X. The following are some of the priorities for ...

Inside a PV module assembly plant in Spain. Image: Exiom. The Spanish Ministry of Ecological Transition (MITECO) has published the regulatory basis for the EUR750 million (US\$812 million) incentive scheme for renewables and energy storage manufacturing.

The energy transition involves the development of an intelligent and therefore more energy-efficient building stock, as well as the implementation of intelligent energy networks, which will ...

Energy storage systems benefit from the connection privilege for RES plants to the public grid. Electricity stored in a storage system qualifies for the feed-in premium (Marktprämie), which is granted to the

plant operator under the Renewables Act 2017 (EEG 2017) once the electricity is fed into the public grid. A specific provision of the EEG 2017 ensures that the EEG surcharge is ...

The European Commission has approved a EUR699 million (US\$760 million) state aid scheme in Spain to support the deployment of up to 3.5GW of energy storage. The scheme was approved this week (17 March) under the EU's Temporary Crisis and Transition Framework (TCTF), its programme to help economies in light of Russia's invasion of Ukraine in ...

Spain has increased its energy storage target by 2030 to 22.5GW in the latest update of its National Energy and Climate Plan (NECP). The Spanish government, through the Ministry of Ecological Transition (MITECO), has passed a royal decree that updates the country's NECP targets between 2023-2030. ... The country aims to launch a manufacturing ...

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