

PRESS RELEASE

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Invinity Energy Systems selected for multiple UK LDES Cap & Floor bid applications

Flow Batteries Europe (FBE) strongly welcomes the UK's Cap & Floor Scheme for Long Duration Energy Storage (LDES) and the promising role it is already playing in accelerating deployment of flow battery technology.

Invinity Energy Systems' announcement that 9 UK developers have selected its ENDURIUM vanadium flow batteries for their LDES Cap & Floor bids highlights the value of this scheme. These project proposals, each at or above 400 MWh, demonstrate that Cap & Floor mechanisms are unlocking market confidence and investment in proven, non-lithium energy storage technologies.

This is a major win for the flow battery sector. The Cap & Floor framework provides essential revenue certainty, allowing developers and manufacturers to scale with confidence, supporting grid resilience, clean energy integration, and domestic job creation. Flow batteries, with their durability and safety, are ideally suited to meet the UK's long-duration storage needs, and the Scheme is rightly rewarding this.

The fact that multiple UK developers, including major players such as Frontier Power, have integrated flow batteries into their bids is clear evidence that Cap & Floor-style mechanisms directly support energy system flexibility and industrial growth.

Europe must follow the UK's lead

This announcement is further proof that Europe must introduce a similar Cap & Floor mechanism to ensure a strong and sovereign LDES industry. Europe is at risk of lagging behind if it does not implement long-term revenue certainty frameworks for storage technologies like flow batteries. Europe is still facing increasing costs of curtailment, and without long duration storage, this will continue.

After facing costs of £402m for curtailment from 2020-2021 of mostly renewable energy in the UK, the Cap & Floor mechanism is now able to help deal with these costs. This gives Europe a clear reason to follow suit. Regulatory tools such as this are not only effective, they are essential to meeting Europe's decarbonisation and strategic autonomy goals, as well as reducing significant curtailment costs.

FBE continues to urge EU policymakers to act decisively by introducing a robust LDES revenue model at EU level, similar to the UK's Cap & Floor Scheme. The time to accelerate flow battery deployment is now.

Jonathan Marren, Chief Executive Officer at Invinity said: *"Since this LDES scheme was first launched, the Invinity team has been engaging closely with numerous developers to submit*

A united voice for flow batteries

high quality bids ahead of the deadline. We are delighted with the positive feedback that we have received from our partners, with significant quantities of our UK made vanadium flow batteries being proposed for this important scheme as a result. Should these bids be successful, we believe the build out of our ENDURIUM batteries across the country will not only help to lower energy costs for consumers but also help to provide wider economic benefits across the UK as we scale our operations.”

[Read the announcement by Invinity](#)



The UK's Energy Minister, Michael Shanks MP recently visited Invinity Energy Systems' manufacturing facility to see firsthand the potential of their flow battery technology.

About Flow Batteries Europe:

[Flow Batteries Europe \(FBE\)](#) is an international non-profit association aimed at accelerating decarbonisation in Europe and globally by increasing the deployment of energy storage and flexibility solutions through flow battery technology. FBE represents flow battery stakeholders with a united voice to shape a long-term strategy for the flow battery sector.

About Invinity:

Invinity Energy Systems plc (AIM: IES) manufactures vanadium flow batteries for large-scale, high-throughput energy storage requirements of business, industry and electrical networks. Founded in 2020 through the merger of two flow battery industry leaders: redT energy plc and Avalon Battery Corporation, today the company has more than 190 MWh of systems deployed, contracted for delivery or awarded for projects across more than 90 sites in 17 countries. Invinity is active in all major global energy storage markets and has operations in the UK, Canada, USA and China.

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