

What is liquid air energy storage (LAES)?

This process is known as curtailment, and the issue continues to grow as the UK introduces more wind power supply into the grid. Highview Power's liquid air energy storage (LAES) system provides a way to deliver more renewable energy into the power grid through its storage technology.

When will a liquid air energy storage plant start in the UK?

Highview Power has been backed by energy giant Centrica and the UK Infrastructure Bank to build the first commercial-scale liquid air energy storage (LAES) plant in the UK, at Carrington. The company says building work will start immediately and the plant, which got initial planning consent in 2021, should be operational by early 2026.

Could a £300m energy storage plant play a key role?

The backers of a pioneering £300m energy storage plant set for Greater Manchester say it could play a key role in the UK's net zero transition. Highview Power has announced it has secured investment from energy giant Centrica and the UK Infrastructure Bank to build the first commercial-scale liquid air energy storage (LAES) plant in the UK.

Is Manchester energy planning a large-scale 5mw/15mwh project?

The company has had a smaller-scale 5MW/15MWh project operational, also in Manchester, since 2018. It first revealed plans for a large-scale project in Carrington in 2019 which the then-CEO told Energy-Storage.news would start construction the following year.

A £300m energy storage plant that could create hundreds of jobs ...

A £300m energy storage plant that could create hundreds of jobs is being built in Carrington - and its backers say shows Greater Manchester is leading the way in helping the UK go ...

The backers of a pioneering £300m energy storage plant set for Greater Manchester say it could play a key role in the UK's net zero transition.

Mayor of Greater Manchester Andy Burnham officially marked the commencement of construction at Highview's 300MWh liquid air energy storage facility.

The UK's liquid cooling energy storage sector is poised to play a critical role in achieving climate targets. By improving efficiency, scalability, and reliability, this technology bridges the gap between ...

Energy storage specialist Highview Power has secured £300m to fund the construction of the UK's first commercial-scale liquid air energy storage (LAES) plant in Manchester, it announced ...

An engineering-led collaboration between Sulzer and Highview Power will help provide long-duration energy

storage at Highview Power's new facility at Carrington, Manchester, which will ...

A render of Highview's liquid air energy storage facility near Manchester. Image: Highview Power. Liquid air energy storage firm Highview Power has raised £300 million (US\$384 million) from ...

Highview, a global leader in long duration energy storage solutions (LDES) welcomed Andy Burnham, Mayor of Greater Manchester, to the official breaking of ground for its new facility - ...

Highview Power secured a £300 million investment to build the world's biggest liquid air energy storage facility in Carrington, Manchester. This marks a significant step towards the UK's net zero goals. The ...

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