



Loudwater BESS

Enabling more renewables in the UK grid



Quick facts

Location	Buckinghamshire, UK
Size/capacity	40MW/55MWh
To be commissioned	July. 2025
Partners	ESM Power, NHOA, Statkraft Energy
Purpose	Ancillary and balancing services to support local and National Grid



About Loudwater BESS

Located near High Wycombe to the west of London, Loudwater BESS is neatly tucked away next to a farm in a rural setting.

The BOP partner is ESM Power whilst the BESS is supplied by NHOA. Once operational, Statkraft Energy will trade the BESS on our behalf.

To harmonise with its surroundings, the equipment has been thoughtfully designed in a green color scheme, ensuring minimal visual impact.

Eku Energy's Role

- End-to-end project development including construction oversight and commercial structuring
- Procurement and negotiation of BESS supply, construction and Route to Market agreements
- Asset management of Loudwater BESS during long-term operations

For more information, visit ekuenergy.com/basildon



Announcement

2023



Development



Construction

2024



Operations

July 2025



We are proud to have partnered with NHOA Energy on the delivery of the Loudwater battery project. This milestone, along with the Basildon battery project, marks NHOA's exciting first venture into the UK market.

Ciara Lucas
Technical Lead EMEA