



Maldon BESS

Enhancing grid stability in the UK



Quick facts

Location	Maldon, Essex, UK
Size/capacity	40MW/40MWh
Commissioned	September, 2024
Partners	ESM Power, Trina Storage (BESS supplier and construction), EDF (trading house)
Purpose	Ancillary and balancing services to support local and National Grid



About Maldon BESS

Constructed by Trina Storage and supported by leading independent connection provider (ICP), ESM Power Ltd, the Maldon BESS is capable of responding within 350ms, suited to deliver ancillary and balancing services to support both the local and National Grid. The project secured a long-term Capacity Market contract and is traded by EDF.

Maldon BESS is unique because it is Eku Energy's first commissioned project in the UK.

Eku Energy's Role

- End-to-end project development including commercial structuring
- Led a wide procurement process to deliver a competitive contractual structure for the project in a robust manner suitable for project finance
- Delivered the project to generate revenue through energy arbitrage and ancillary services via a 10-year Route to Market Agreement (RTMA) with EDF Energy

For more information, visit ekuenergy.com/maldon



Announcement

2020



Development

2021

2022



Construction

2023



Operations

Sept 2024



The Maldon battery energy storage system is Eku Energy's first project to reach commercial operation in the United Kingdom, and we are excited to be delivering critical energy storage capability to the UK network

Daniel Burrows
CEO, Eku Energy