

ESG BESS 2025 – Abydos energy storage extension, Egypt

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The financing to support the integration of a 300MWh battery energy storage system at AMEA Power's Abydos I solar project in Egypt wins in the BESS category for the IJGlobal ESG Awards 2025.

[Abydos BESS](#) reached financial close in June and judges were impressed by its "well-embedded supply chain criteria back to raw materials" with another lauding it for being a "large scale and important project in region".

Yet another of the judges said: "The 300MWh Abydos BESS extension demonstrates success, innovation and impact as Egypt's first utility-scale battery energy storage system, enhancing grid stability and supporting renewable energy integration in the region.

"It is innovative in technological efficiency and I was impressed by the integration of ESG screening of the supply chain down to raw materials level."

This landmark 300MWh BESS is strategically located in the Aswan governorate and serves as an extension to AMEA Power's existing [500MW solar PV plant](#), which commenced operations in December (2024).

Integration of the BESS enhances grid stability and supports renewable energy integration in the region.

The project is structured to leverage a \$72 million debt financing package secured from the International Finance Corporation (IFC), underscoring strong investor confidence and commitment to sustainable energy development in Egypt.

This initiative marks a significant milestone in AMEA Power's portfolio and exemplifies the company's commitment to innovative clean energy solutions across Africa and the Middle East.

AMEA Power acted as the project sponsor and developer, leading all phases of structuring, financing, and delivery for Egypt's first utility-scale BESS.

As the submission states: "We spearheaded the technical integration with our existing 500MW solar PV plant to maximise renewable energy dispatchability and grid resilience.

"We pioneered a comprehensive supply chain ESG framework, embedding robust due diligence and risk management from the earliest procurement stages.

"Our team implemented a multi-tier supplier screening process – covering all critical suppliers and sub-suppliers down to raw material level – to ensure full alignment with international ESG standards, including the IFC Performance Standards.

“This proactive approach set a new benchmark for responsible sourcing in Africa’s energy sector, directly linking supply chain integrity to project bankability and long-term impact.”

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