

## Energy storage zambia

Turkish developer YEO and Zambian sustainable energy company are constructing a 60 MW solar plant with a 20 MWh battery energy storage system in southern Zambia.

Turkey's YEO is partnering with Zambian sustainable energy company GEI Power to develop a 60 MW/20 MWh solar plant with battery storage in Choma district, southern Zambia.

The facility has been touted as Zambia's first solar plant with battery storage. Valued at approximately \$65 million, it is scheduled to reach commercial operations in September 2025 and serve at least 65,000 households with electricity. GEI Power Managing Director Ignatius Anayawa said that feasibility studies, environmental impact assessment and grid impact studies have been conducted.

Zambian Ministry of Energy Permanent Secretary Francesca Chisangano Zyambo has urged the two parties to move quickly to commission the project, as the facility will be important for mitigating power shortages in the country.

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Africa GreenCo revealed that the MOU was formally signed by ZESCO's Managing Director, Engineer Victor Benjamin Mapani, and GreenCo's CEO, Mrs. Ana Hajduka-Shields, on 26th February 2024.

The energy trading company says the public-private collaboration on BESS deployment in Zambia signifies a significant milestone in advancing the objectives outlined in the recently launched Zambia Integrated Resource Plan (IRP).

"By synergizing our efforts, we're actively contributing to the realisation of the IRP's vision, particularly in ensuring a smooth integration of renewable energy sources into the national grid," Hajduka adds.

Through the MOU, Africa GreenCo hopes to facilitate energy storage projects that align with



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Zambia's IRP goals which aims to establish a sustainable and diversified power future for the country. The energy trading company said the MOU represents a substantial step towards enhancing the country's energy infrastructure and facilitating the integration of renewable energy sources into the national grid.

Discussing the partnership, ZESCO's Managing Director, Eng. Victor Mapani, expressed enthusiasm with the collaboration, stating, "We are pleased to partner with GreenCo Power Storage Limited in this endeavor to explore the integration of battery energy storage systems into Zambia's power infrastructure."

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