

# Uganda 9 billion wind and solar energy storage project



## Overview

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Located in Kapeeka, in the central Ugandan district of Nakaseke, the project will be developed by Energy America's regional development subsidiary, EA Astrovolt. It will be equipped with technology designed for tropical and equatorial climates. The Government of Uganda has authorized the development of a 100 MWp solar PV and 250 MWh battery storage project. A major solar-plus-storage has been approved by the Government of Uganda, with the project set for Kapeeka Sub-County, Nakaseke District, approximately 62 kilometers northwest of. As Uganda accelerates its renewable energy transition, hybrid wind-solar-storage power stations are emerging as game-changers. This article explores how these innovative projects address energy access challenges while aligning with global climate goals. The battery storage component.

## Uganda 9 billion wind and solar energy storage project



### [US company to deliver 100-MWp solar project plus storage in Uganda](#)

The project, authorised by the government via the issuance of a Gazetted Policy Direction, will be located in Kapeeka Sub-County, Nakaseke District. The approval marks the start of phase one of a ...

### [Uganda Solar Project: 100 MW Plant & Battery Storage Approved](#)

Uganda has approved a major 100 MW solar project paired with a 250 MWh battery storage system--a landmark initiative for solar energy in Uganda. This ambitious project is designed ...

114KWh ESS



### [Uganda Approves Energy America 100 MW Solar + 250 MWh BESS ...](#)

By partnering with Energy America and EA Astrovolt, Uganda will harness world-class clean energy technology, foster local employment and skills development, and accelerate our transition to a modern and resilient ...



### [Uganda Approves Landmark 100 MW Solar and Battery Storage Project ...](#)

In a major step toward transforming its energy sector, the Government of Uganda has approved the development of a 100-megawatt (MW) solar photovoltaic power plant coupled with a 250 megawatt-hour ...



[Uganda approves 250 MWh co-located BESS project led by Energy ...](#)

Engineered for tropical and equatorial conditions, the proposed technology aims to optimize for grid stability, off-peak power delivery, and operational resilience in demanding ...

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### ENERGY STORAGE SYSTEM

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled

A diagram of the ESS unit showing its internal structure with two vertical green channels. The unit is labeled 'ESS' at the top. There are two yellow warning triangles at the bottom corners.

[Uganda greenlights EA Astrovolt 100MW/250MWh PV-BESS plant PV ...](#)

Located in Kapeeka, in the central Ugandan district of Nakaseke, the project will be developed by Energy America's regional development subsidiary, EA Astrovolt. It will be equipped ...



[Uganda announces 100MW solar/250 MWh BESS project in Nakaseke ...](#)

The project directly supports the goals of Vision 2040 and Uganda's National Energy Policy 2023, which prioritizes universal access to affordable, reliable electricity for all Ugandans.



### [Uganda Wind and Solar Energy Storage: Powering a Sustainable Future](#)

As Uganda accelerates its renewable energy transition, hybrid wind-solar-storage power stations are emerging as game-changers. This article explores how these innovative projects address energy access challenges ...



### [Notice on Grid Absorption Capacity and Interim Licensing Measures ...](#)

The new measures, issued under Section 9 of the Electricity Act, Cap. 157, are intended to ensure the stability, reliability, and security of Uganda's national electricity grid, while maintaining ...



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