

# Uganda island solar





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### LOLWE ISLAND

EE is building a 600kWp Solar Plant (600kWh lithium-ion battery), with a fully integrated and remotely managed system - poised to be among the most advanced mini-grids in the world. The Lolwe mini-grid serves the entire island (approximately 15,000 people) for a total of 3,800 connections, both households and businesses.

### President opens Uganda's first solar thermal power plant

Residents on Bugala Island can now officially enjoy unlimited power supply following the launch of a solar thermal power plant constructed by Kalangala Infrastructure Services (KIS), a company contracted by the government of Uganda through a Public Private Partnership (PPP) to develop infrastructure on the Island.



### Section 11 Case study - Uganda

Island has a 1.6MW solar hybrid mini-grid to serve its 30,000 inhabitants. Kalangala Infrastructure Services (KIS) operates the project under a public-private partnership with the Government of Uganda, the government-funded InfraCo Africa, and the private infrastructure developer EleQtra. Financial support for projects operating in Uganda

### UGANDA: Engie commissions a 600 kWp solar mini-grid on Lolwe Island



Engie Energy Access, a subsidiary of the French group Engie, is commissioning a solar mini-grid on Lolwe Island in Uganda. This project, which will be followed by others, was implemented through a joint venture with Equatorial Power, a company based in the Ugandan capital Kampala.



### **Bukuzindu Hybrid Solar and Thermal Power Station**

Bukuzindu Hybrid Solar and Thermal Power Station is a 1.6MW hybrid solar and diesel fuel-fired thermal power plant in Uganda, the third-largest economy in the East African Community. [1]

### **Jinko Solar supplies C& I ESS in Bussi island, Uganda**

JinkoSolar, a global leading PV+ESS supplier, recently supplied a 400kwp - 250kw -945kWh ESS Solution to Bussi Island, Uganda. The project was installed by one of our partners Solargen Ventures (U) Ltd a renewable energy company that is a subsidiary of Africa Water Solutions.



### **Uganda: Winch Energy Bunjako Island mini-grids expected ...**

The three solar PV and battery mini-grids, which will have combined capacity of 128kWp, will bring power to 500 homes and businesses in the villages of Ssenyondo, Buzaami, Bugoma and Bukina on the island, which has a population of 20,000 people.



## Solar-powered off-grid energy solutions in Uganda supporting

The Beyond the Grid Fund for Africa (BGFA) has signed two new agreements in Uganda to establish new mini-grids and scale up distribution of solar-powered refrigerators in the country. Access to electricity and off-grid refrigeration will allow small and medium-sized businesses in rural communities to establish new ventures to support economic

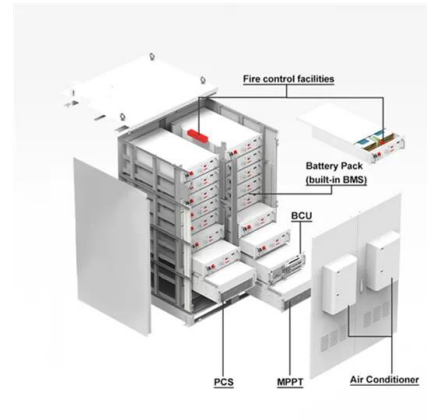


## How Solar Energy is Transforming Agriculture on Uganda's ...

Recognizing the transformative impact of solar energy on agriculture and the economy, local leaders and the government advocate for the expansion of off-grid solar projects. Rajab Ssemakula, the Chairperson of Kalangala District, envisions a future where increased access to electricity fuels small-scale industries, irrigation schemes, and

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