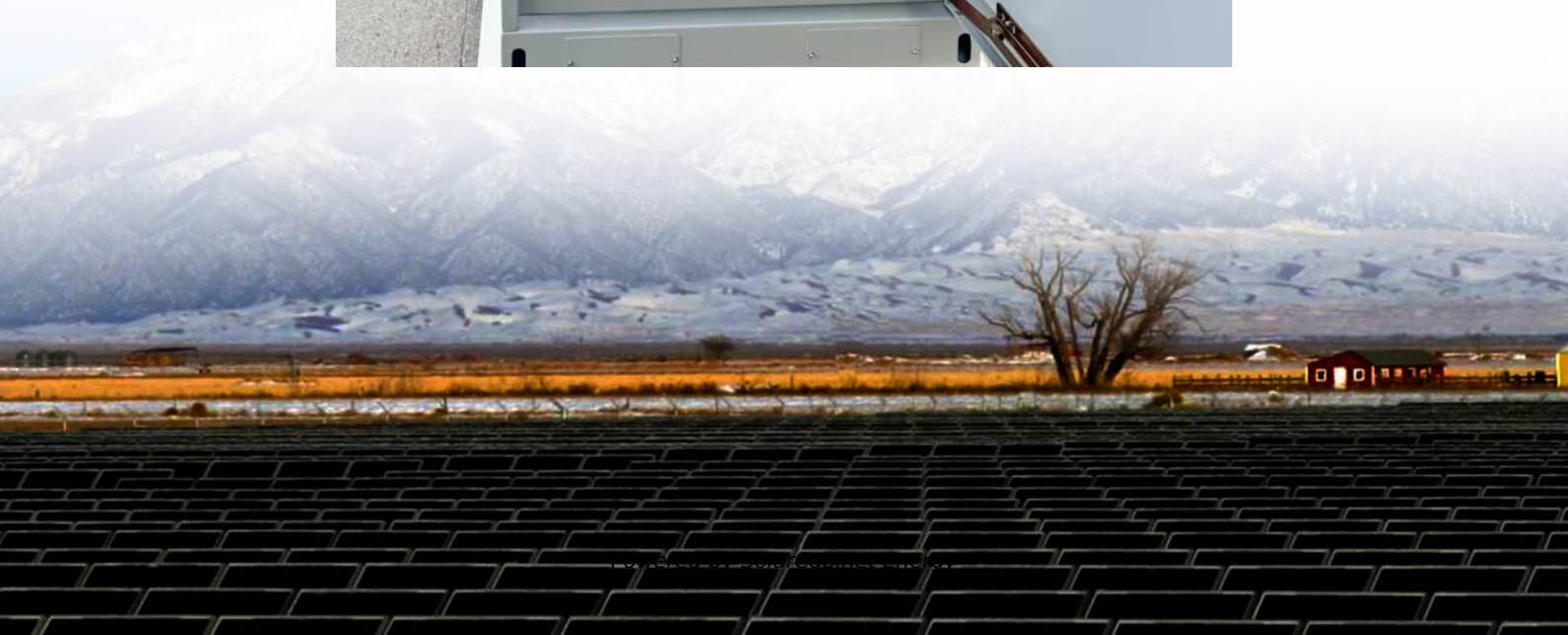


Uganda solar photovoltaic power generation base station





Overview

The Ituka Solar Power Station, is a 24 megawatts (32,000 hp) solar power plant under construction in Uganda. The power station is under development by AMEA Power, an independent power producer (IPP), domiciled in the United Arab Emirates.

The power station is located in Ombaci Village, Uleppi Subcounty, , approximately 40 kilometres (25 mi), by road, southeast of city center.

The power station is owned by AMEA Power, a IPP with focus on , and the . Amea Power created a subsidiary that it owns 100 percent called.

The construction site measures 52 hectares (130 acres). The design calls for a ground-mounted photo-voltaic solar power station with generation capacity of 24 megawatts. The power will be sold directly to the .

The cost of construction has not been disclosed as of December 2023. The Emerging Africa Infrastructure Fund (EAIF), a subsidiary of the Private Infrastructure Development Group (PIDG) has committed to lend US\$19 million towards the.

The Ituka Solar Power Station, is a 24 megawatts (32,000 hp) solar power plant under construction in Uganda. The power station is under development by AMEA Power, an independent power producer (IPP), domiciled in the United Arab Emirates. [2][3]



Uganda solar photovoltaic power generation base station



[Renewable based distributed generation in Uganda: Resource potential](#)

For decades, hydropower has been and is still the base electricity supply of the country with a supplement of limited biomass, diesel based thermal and solar electricity. The ...

AMEA Power announces groundbreaking of 24 MWp Solar PV Project in Uganda

Once commissioned, it will be the first and largest utility-scale grid-connected solar PV project in the West Nile Region. The investment for the USD 19 million project financing ...



[Performance Analysis of a Hybrid of Solar Photovoltaic, Genset, ...](#)

The power sector in Uganda has increased steadily, focusing majorly on rural electrification to increase the proportion of the rural population accessing electricity using grid extension and ...

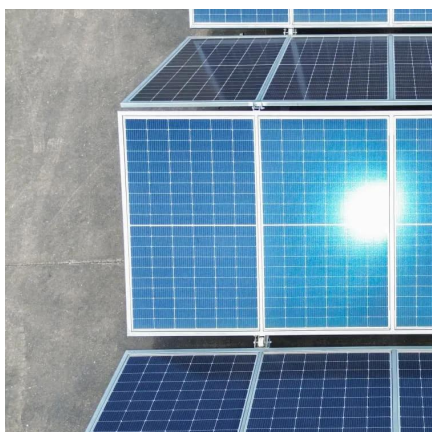


[A Systematic review of the design and optimization of a ...](#)

Hybrid power systems, particularly those integrating solar photovoltaic (PV), diesel generation, and battery storage, have shown



significant promise in enhancing energy security,
reducing ...



[Uganda Solar Energy Utilization: Current Status and Future ...](#)

Solar energy has the potential of reducing the current demand exerted on the existing national grid-based power and consequently eradicating Uganda has launched a 19 million and 19.6 ...

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.legnano.eu>