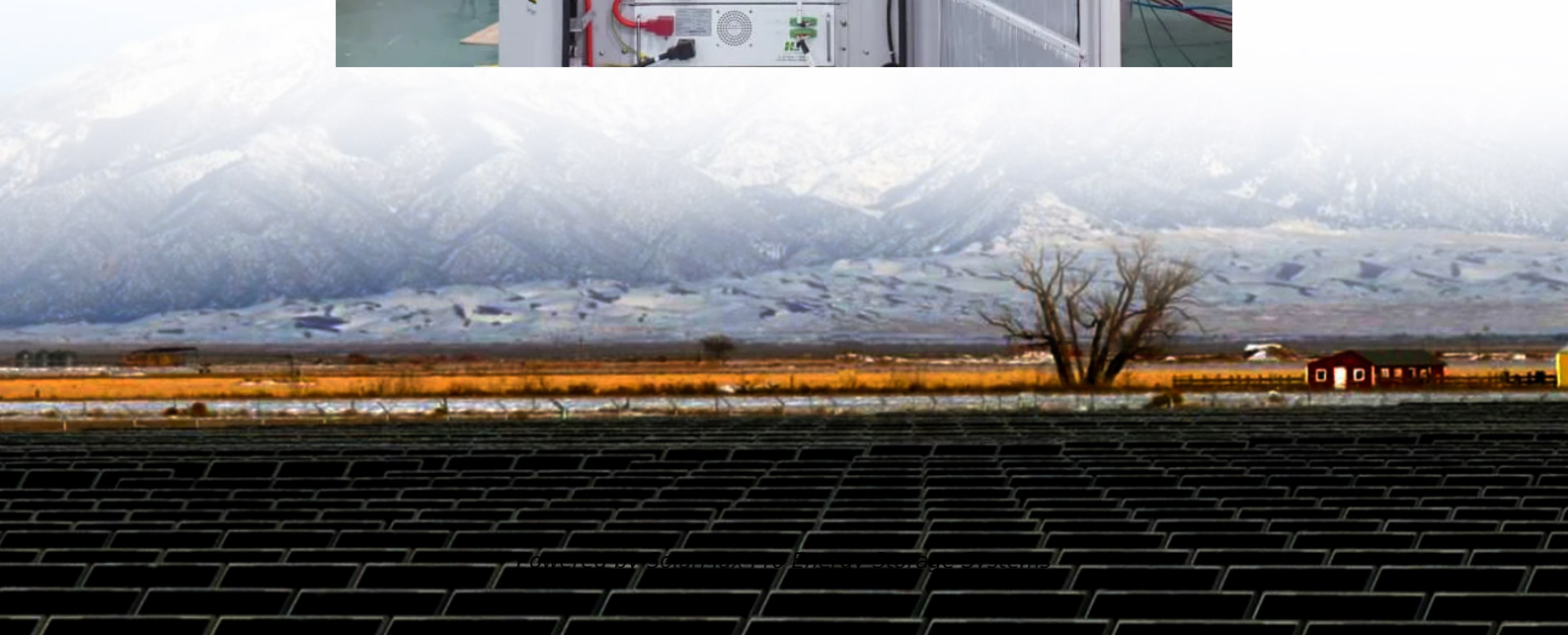




**SolarMax Pro Energy Storage Systems**

# **Burundi Solar Power Supply System**





## Overview

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This power station is the first grid-connected solar project developed by an IPP in Burundi. It is also the first major electricity generation investment in the country, in the past 30 years. The renewable energy infrastructure was on the books since 2016. Attempts were made to start construction in 2018, but the process aborted. In January 2020, construction started in earnest. Despite delays attributed to the , the power installation was commercially c.

How much solar power is available in Burundi?

Hydropower: 1,700 MW of potential. 300 MW are economically possible (“Burundi” 2022). Solar: Average daily solar insolation is 4–5 kWh/m<sup>2</sup>/day, indicating strong solar potential for Burundi (“Energy Profile Burundi” n.d.). There is a growing number of households, businesses, schools, and health clinics using distributed, off-grid solar.

What is the primary energy supply in Burundi?

The remainder of the primary energy supply is from oil (“Burundi Energy Profile” 2021). However, a majority (98%) of the renewable energy supply in Burundi is bioenergy. The remainder of the renewable energy supply is hydroelectric, and solar power (“Burundi Energy Profile” 2021).

Where is a solar power station located in Burundi?

The power station is located in the settlement of Mubuga, in the Gitega Province of Burundi, approximately 15.2 kilometres (9 mi), northeast of the city of Gitega, the political capital of that country. This power station is the first grid-connected solar project developed by an IPP in Burundi.

Who produces electricity in Burundi?

The main electricity producer is REGIDESO. The state-owned, vertically integrated company produces and operates over 97% of the electricity in Burundi and is responsible for production, transmission, distribution, and marketing of electricity (Mtoka 2019). It operates under the supervision of the Ministry of Energy and Mines.



How much does electricity cost in Burundi?

Average power prices in Burundi are among the most expensive in the world, some sources citing the average tariff at USD 0.31/kWh (“REGIDESO to Nearly Triple Electricity Tariffs” 2017).

How many people were hired to operate Burundi's solar power station?

Another estimated 25-50 people were hired to operate the power station. In May 2023, Evariste Ndayishimiye, the president of Burundi toured the solar farm and personally gave his approval for the power station's capacity to be expanded to 15 megawatts.



## Burundi Solar Power Supply System

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### First solar field in Burundi lights up tens of thousands ...

The pioneering 7.5MW solar PV plant has increased Burundi's generation capacity by over 10% and is the country's first substantial energy ...

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### [Burundi's national grid adds 7.5MW solar power.](#)

The Mubuga solar power plant generate 7.5 MW of electricity. It provides electricity to approximately 90,000 Burundians and is expected to ...

### [Co-Branded Strategic Partnerships Project Report Cover](#)

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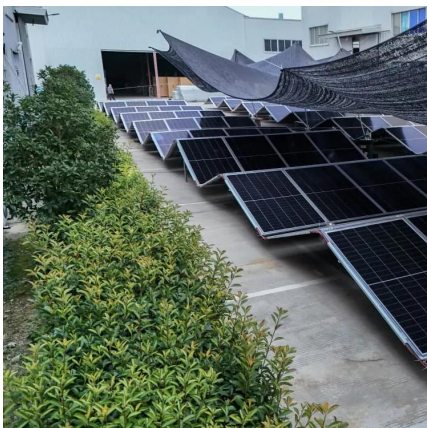
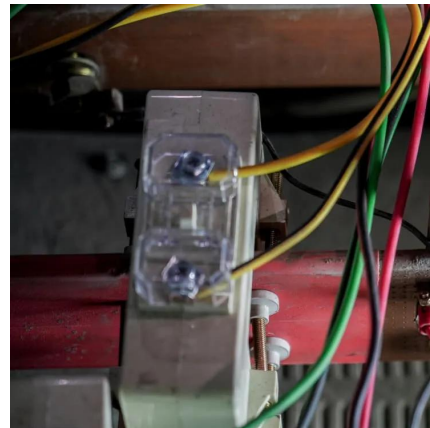


### Burundi Rural Electrification: Powerful 2030 Solar Goal

4 days ago · The government plans to achieve this primarily through the deployment of solar mini-grids, utilizing both public and private solar initiatives. This focus on decentralized solar ...

### **Burundi solar power factory**

The Mubuga Solar Power Station is a grid-connected 7.5 MW solar power plant in Burundi. The power station was constructed between January 2020 and October 2021, by Gigawatt Global ...



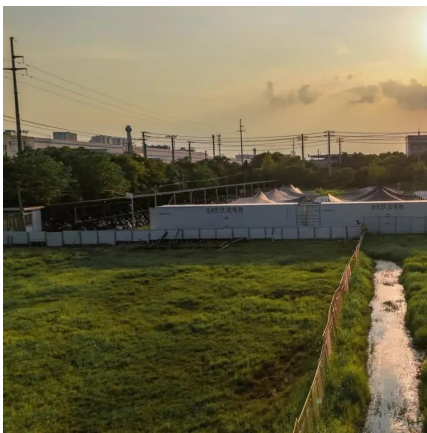
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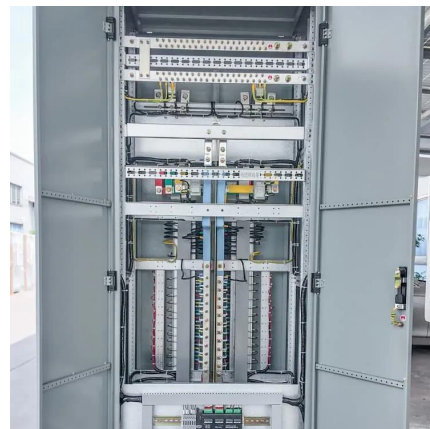


## **The solar power system Burundi**

The Mubuga Solar Power Station is a grid-connected 7.5 MW solar power plant in Burundi. The power station was constructed between January 2020 and October 2021, by Gigawatt Global ...

## **Burundi solar power factory**

Built through a multinational effort, the pioneering 7.5 MW solar PV plant near the village of Mubuga has been in operation since May 2021 and now provides over 10% of Burundi's ...



## **Mubuga Solar Power Station**

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Despite delays attributed to the COVID-19 pandemic, the power installation was commercially c...

### [Grid-connected solar PV project , Mubuga, Burundi](#)

Burundi's first solar PV power plant has reached commercial operation. Located in Mubuga in the Gitega Province, the project - which is the country's first grid ...



### **First solar field in Burundi lights up tens of thousands of homes**

The pioneering 7.5MW solar PV plant has increased Burundi's generation capacity by over 10% and is the country's first substantial energy generation project to go online in over ...

### [Grid-connected solar PV project , Mubuga, Burundi](#)

Burundi's first solar PV power plant has reached commercial operation. Located in Mubuga in the Gitega Province, the project - which is the country's first grid-connected solar project by an ...





## RV Power Supply System Solutions

Off-grid solutions operate independently, ensuring a reliable power supply even in remote locations, while hybrid systems provide the benefits of renewable energy and backup power ...

## [Burundi Solar Production Report .. PVknowhow](#)

This Burundi Solar Production Report provides comprehensive insights into the statistics and developments of the solar energy industry in Burundi.



## SOLAR POWER CONSUMER GUIDE

Burundi solar power ventilation system The Mubuga Solar Power Station is a grid-connected 7.5 MW power plant in . The power station was constructed between January 2020 and October ...



## [Burundi commits to double solar power capacity](#)

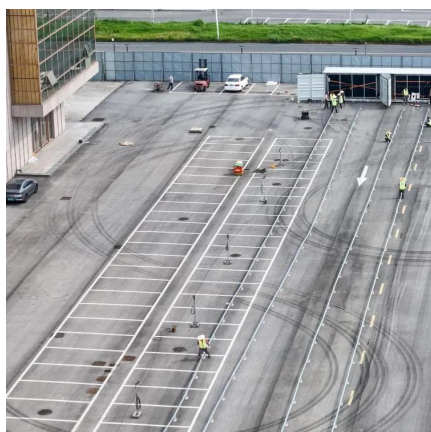
Burundi has officially inaugurated the country's first utility-scale solar field, as part of push to leverage renewable energy for improved access to electricity for ...





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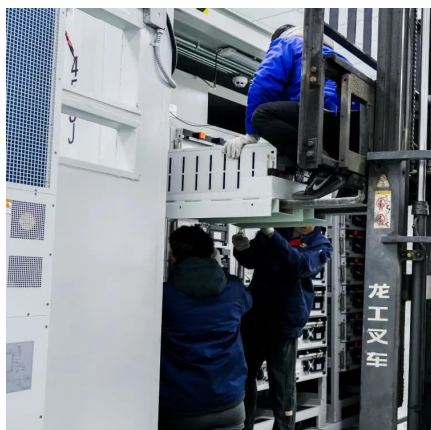
## Grid-connected solar PV project , Mubuga, Burundi

7.5MW solar PV power plant in Mubuga, Burundi, will improve the energy supply of nearly 90,000 people, while providing 300 temporary and 50 permanent jobs.



## Burundi solar system company

Will Burundi bring solar power to COP26 Gitega? 7.5 MW utility-scale power plant increases East African country's generation capacity by more than 10% on the eve of COP26 Gitega, Burundi - ...





## Solar Energy Businesses in Burundi

Solar Energy Businesses in Burundi. Center for Alternative Technologies Center for Alternative Technologies, Kenya is a wholesale distributor and stockist of solar, battery and power back ...



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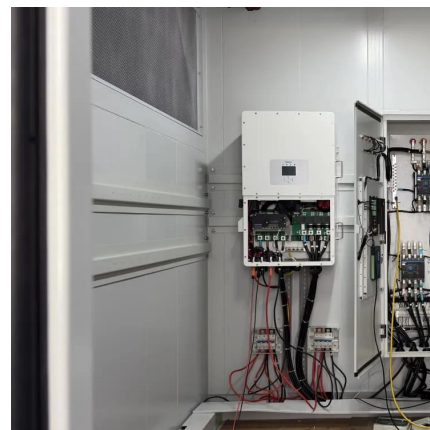
### [Burundi's first utility-scale solar power plant](#)

The new solar plant has over 25,000 solar panels covering an area of over 12 hectares and will increase the country's power capacity by 10 ...



## Burundi power Tenders, Bids and RFP

Latest Burundi power Tenders, Government Bids, RFP and other public procurement notices related to power from Burundi. Users can register and get updated ...

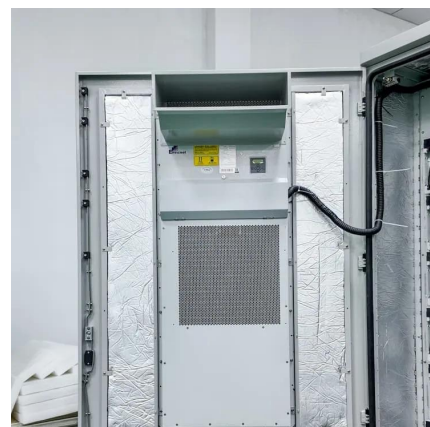


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## Burundi's first utility-scale solar power plant

The new solar plant has over 25,000 solar panels covering an area of over 12 hectares and will increase the country's power capacity by 10 %, providing energy to about ...

## **Burundi solar power world online**

Burundi has natural conditions favourable to the sustainable use of water and solar energy or wind power. The solar potential of Burundi is very interesting. The average annual ...



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