

SolarInvert Energy Solutions

Burundi Solar Energy



Overview

An 8.67MWp solar PV power plant is improving the energy supply in Burundi and has boosted the country's generation capacity by 10% Burundi's first solar PV power plant has reached commercial operation. Does Burundi have solar power?

However, solar makes up a small fraction of energy supplied in Burundi due to its relatively low installed capacity of 5 MW ("Burundi Energy Profile" 2021). Solar made up 5% of all installed capacity in 2020, generating a total of 8 GWh of electricity for the year, which accounted for 2% of annual electricity generation in Burundi.

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).

What is the most common off-grid electricity source in Burundi?

Solar energy is the most common off-grid electricity source in Burundi, although the number of systems installed is very slow. With the global price dropping of solar technologies a small solar sector emerged in the recent years, that offer smaller systems for private households, businesses and public institutions.

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).

Is there wind energy in Burundi?

The potential for wind energy in Burundi seems to be quite high, especially in the Imbo plains. Meteorological data from 1988 suggests an average wind flow of almost 5 m/s at 2 meters above ground . ►Go to Top

Burundi Solar Energy

INTEGRATED DESIGN
EASY TO TRANSPORT AND INSTALL,
FLEXIBLE DEPLOYMENT



News Centre , Burundi , African Energy

Burundi Power Issue 521 - 17 February 2025 Songa Energy secures funding for two hydroelectric power plants in Burundi Burundi Power, Strategy & risk ...

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Burundi commits to double solar power capacity ...

Aug 16, 2025 · Burundi has officially inaugurated the country's first utility-scale solar field, as part of push to leverage renewable energy for improved access ...

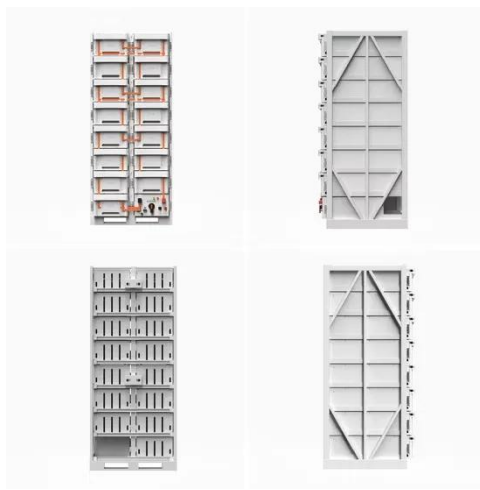
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Mubuga Solar Power Plant officially ...

May 20, 2023 · The 7.5MW Mubuga solar power plant has been in operation since May 2021 providing over 10% of Burundi's electricity.

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ITCO , SOLAR ENERGY

ITCO Solar Energy est une entreprise qui est spécialisée dans le domaine des énergies renouvelables plus précisément dans l'étude, la fourniture ...

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Burundi's solar capacity to double, announces ...

May 16, 2023 · 7.5 MW field result of multinational effort already provides more than 10% of nation's electric generation capacity; more to be developed ...

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Choose Solar Power Solutions Pvt. Ltd as your preferred solar partner in Burundi, and experience the benefits of clean, renewable energy. Contact us today to explore how solar power can ...

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Solar energy Burundi Initiative: 5 Amazing Steps to ...

May 5, 2025 · World Bank's New Solar



Energy Burundi Initiative: Illuminating a Path to Sustainable Power The World Bank has embarked on an ambitious project in Burundi to ...

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World Bank Document

6 days ago · The proposed project will leverage the recent advances in the solar market to expand access in Burundi; advances include: (a) dramatic technology innovations that have ...

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147 MW Solar Power Plant: Powering Growth, Fueling ...

Our flagship solar power plant aims to more than double Burundi's current energy capacity, significantly reducing the country's reliance on imported and fossil fuel-based electricity. ...

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A review of sustainable planning of Burundian energy sector ...

Sep 1, 2022 · A particular emphasis is made on Burundi due to its poor energy access with a highest dependence on traditional use of biomass energy in the region. Hence, this article ...

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Burundi Solar Production Report ,, PVknowhow

The annual average potential for photovoltaic (PV) energy generation in Burundi is estimated to be between 1,387 kWh/kWp to 1,606 kWh/kWp. 2. The ...

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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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Burundi Energy Situation

Solar energy is the most common off-grid electricity source in Burundi, although the number of systems



installed is very slow. With the global price dropping of solar technologies a small solar ...

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Burundi: New deal aims to increase electricity ...

Sep 7, 2023 · Burundi solar energy project to speed up access to electricity
Gridworks said the project will be the first new private-sector electricity ...

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Burundi: Small Hydropower and Rural Development

Oct 3, 2023 · Coupled with a opportunities for solar PV-hydro hybrid mini-grid solar PV system, the SHP component provides additional development in Burundi; power to the network and ...

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ENERGY PROFILE Burundi

Indicators of renewable resource potential
Solar PV: Solar resource

potential has been divided into seven classes, each representing a range of annual PV output per unit of capacity ...

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Burundi's solar capacity to double

Sep 5, 2023 · President Ndayishimiye of Burundi announced plans to double the country's solar capacity at a ribbon cutting ceremony at the first solar field, ...

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Our Projects

Equipping Burundi's workforce with the skills to manage and sustain the country's renewable energy future. Harnessing solar power to reduce reliance on non-renewable energy and lower ...

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Multinational effort brings first solar field to ...

Oct 25, 2021 · 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 - ...

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burundi solar energy

Empowering Burundi's energy future:
the second edition of the Burundi
Renewable Energy ... The event also
aims to serve as a meeting ground for 11
commercial and industrial (C& I) solar ...

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Burundi

Aug 18, 2025 · The develop objective of
Solar Energy in Local Communities
Project is to expand access to energy
services for households, enterprises,
schools and health centers in rural .

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Burundi

3 days ago · Domestic energy production
Energy production includes any fossil
fuels drilled and mined, which can be

burned to produce electricity or used as fuels, as well as energy ...

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Grid-connceted solar PV project , Mubuga, ...

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 ...

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BURUNDI: "Soleil-Nyakiriza" project starts for ...

Oct 22, 2019 · Faced with the difficulties of access to electricity in rural areas of Burundi, the government is launching the "Soleil-Nyakiriza" project. The ...

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Burundi's national grid adds 7.5MW solar power.

May 10, 2023 · Mubuga Solar Power Plant becomes the first large-scale solar

power plant in Burundi and a rare investment success Dutch developer ...

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ENERGY PROFILE Burundi

primary energy supply. Energy trade includes all commodities in Chapter 27 of the armonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end

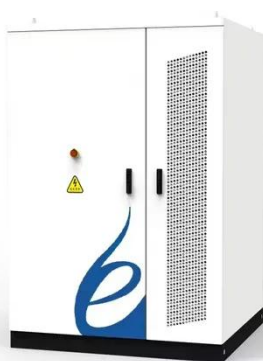
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Mubuga Solar Power Plant officiually ...

May 20, 2023 · After six years of planning and construction, the 7.5MW Mubuga Solar Power Plant in Burundi, the first of its kind in the East African country ...

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Burundi Multi-Energy Solar Features

Why is Burundi launching a solar PV plant? The pioneering 7.5 MW solar PV

plant has increased Burundi's generation capacity by over 10%, and is the country's first substantial energy ...

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Co-Branded Strategic Partnerships Project Report Cover

Sep 23, 2024 · Solar: Average daily solar insolation is 4-5 kWh/m²/day, indicating strong solar potential for Burundi ("Energy Profile Burundi" n.d.). There is a growing number of households, ...

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World Bank Document

Jan 3, 2020 · The energy sector in Burundi faces various challenges. 5. First, renewable energy potential lies largely unharnessed. The average solar insolation in Burundi is similar to that of ...

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