



# Burundi solar edges

Does Burundi have solar power?

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 power received is around 2000 kWh / m<sup>2</sup>; per year, equivalent to the best European regions (southern Mediterranean).

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.

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.

Who toured Burundi's solar farm in May 2023?

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What is Gigawatt Global Burundi's Power Purchase Agreement (PPA)?

A 25-year power purchase agreement (PPA) governs the sale of electricity between Gigawatt Global Burundi SA and REGIDESO. The engineering, procurement and construction (EPC) contractor was Voltalia of France, which was also awarded the operations, management and maintenance contract.

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Solar and social development enterprise Gigawatt Global broke ground on a 7.5 MW Burundi solar park that will increase the country's electricity generation aptitude. The US \$14-million project is being built in the Mubuga district, in ...

With a capacity of 7.5 MWp, the Mubuga solar power plant provides up to 10% of Burundi's electricity, according to Gigawatt Global. The Dutch IPP also estimates that the plant is capable of supplying 87,600 Burundians. It also represents the largest international private investment in Burundi's electricity sector in nearly 30 years.

o 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. These systems can ...

"Burundi is positioned to lead the region in solar energy development thanks to 2,000 hours of yearly sunshine, the intensity of the solar radiation, and untapped solar potential," said...

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 electricity, supplying clean power to tens of thousands of homes and businesses.

Located just 15 kilometers from Gitega -- Burundi's second-largest city and political capital -- this expansive facility features solar panels spanning an area equivalent to six soccer fields....

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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.

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