

# We get solar energy from Burkina Faso

Why is Burkina Faso launching a solar power plant in Komsilga?

Loading... In a significant step towards enhancing electricity supply and sustainable development, Burkina Faso signs an agreement for a 50 MWp solar power plant in Komsilga. The initiative, led by the Minister of Energy and Energie Plus, aims to fortify renewable energy contributions, fostering economic growth and improved access to electricity.

Is Burkina Faso suitable for solar power projects?

This suitability assessment was carried out at the request of the Government of Burkina Faso to map potential areas for utility-scale solar photovoltaic (PV) and wind projects. Currently, less than 25% of the population has access to electricity and the majority of those with access live in urban areas.

Can Burkina Faso achieve 95% electricity access?

The country aims to reach 95% electricity access, with 50% in rural areas and universal access to clean cooking solutions in urban areas, with 65% in rural areas by 2030, up from 9% in 2020. The utilisation of Burkina Faso's renewable resource potential would enable the country to reduce its heavy reliance on thermal generation and energy imports.

Will a 50 MWp solar power plant bolster Burkina Faso's electricity supply strategy?

In a pivotal move to bolster Burkina Faso's electricity supply strategy, the Minister of Energy, Mines, and Quarries, Simon-Pierre BOUSSIM, and Serge CONSEIGA, General Director of Energie Plus, sealed an agreement for the construction of a 50-megawatt peak (50 MWp) solar power plant in the commune of Komsilga, Burkina Faso.

How will Burkina Faso improve electricity trade with neighbouring countries?

Additionally, the results from this report are intended to inform the design and development of the country's regional projects as Burkina Faso is planning to enhance electricity trade with neighbouring countries through regional interconnectors with Benin, Niger, Nigeria and Togo.

What is Burkina Faso's road network?

The road network considered in this analysis was provided by the National Observatory of Territorial Economy office in Burkina Faso. It includes the national, regional and departmental roads across the country as shown in Figure 6. Figure 6. Burkina Faso's road network

This project is expected to improve Burkina Faso's energy security, diversify its energy mix, increase national electrification rates, and reduce electricity costs. It aligns with the AfDB's Desert-to-Power initiative, which targets 10 GW of solar power across 11 Sahelian countries by 2030.

In a significant step towards enhancing electricity supply and sustainable development, Burkina Faso signs an





# We get solar energy from Burkina Faso

agreement for a 50 MWp solar power plant in Komsilga. The initiative, led by the Minister of Energy and Energie Plus, aims to fortify renewable energy contributions, fostering economic growth and improved access to electricity.

Burkina Faso benefits from daily sunlight of 5.5 KWh/m<sup>2</sup> for 3000 to 3500 hours per year, with a uniformly distributed solar resource across the national territory, yielding an average of 1620 KWc. This growth in renewable energy has been ...

Burkina Faso has made great progress in the field of renewable energy in recent years, and 2024 is expected to be a watershed year for the nation's solar energy industry. Burkina Faso is well-positioned to use the power of the sun to boost economic growth, expand access to energy, and lower carbon emissions because of its abundant sunlight ...

"With this solar project, GreenYellow strengthens its positions in Africa and leverages its unique decentralized model to help Burkina Faso substantially reduce its dependency on imported energy, increase the use of clean, climate-friendly renewable energy, and reduce energy cost for the country's citizens.

This project is expected to improve Burkina Faso's energy security, diversify its energy mix, increase national electrification rates, and reduce electricity costs. It aligns with ...

"With this solar project, GreenYellow strengthens its positions in Africa and leverages its unique decentralized model to help Burkina Faso substantially reduce its dependency on imported ...

Burkina Faso marks a significant leap in its renewable energy journey with the inauguration of the Zano photovoltaic solar power plant. With a peak capacity of 24 Megawatts, this state-of-the-art facility contributes 38 ...

The aim is to increase access to clean energy by improving the financial viability of, and promoting large-scale commercial investment in, solar photovoltaic minigrids in Burkina Faso. The project will also support the government's COVID-19 recovery efforts and strengthen the resilience of vulnerable communities by supporting livelihoods and ...

Burkina Faso marks a significant leap in its renewable energy journey with the inauguration of the Zano photovoltaic solar power plant. With a peak capacity of 24 Megawatts, this state-of-the-art facility contributes 38 GWh of clean electricity annually, aligning with the nation's commitment to achieving 15% renewable energy by 2025.

In a significant step towards enhancing electricity supply and sustainable development, Burkina Faso signs an agreement for a 50 MWp solar power plant in Komsilga. The initiative, led by the Minister of Energy and ...

The aim is to increase access to clean energy by improving the financial viability of, and promoting





## We get solar energy from Burkina Faso

large-scale commercial investment in, solar photovoltaic minigrids in Burkina Faso. The project will also support the government's ...

Burkina Faso benefits from daily sunlight of 5.5 KWh/m<sup>2</sup> for 3000 to 3500 hours per year, with a uniformly distributed solar resource across the national territory, yielding an average of 1620 KWc. This growth in renewable energy has been facilitated by state subsidies on imported solar equipment and the adoption of new legislation regulating ...

Burkina Faso stands out as a top solar energy producer in West Africa, boasting an installed capacity of 92 MWp, surpassing neighbouring countries like Mauritania, Ivory Coast, and Mali. The completion of the Donsin solar power plant is set to strengthen Burkina Faso's standing in the renewable energy sector.

Web: <https://www.foton-zonnepanelen.nl>

