

# Congo Blackstone Solar Power Generation Project



## Overview

We're delivering a new hybrid solar and battery system for the remote community of Blackstone (Papulankutja), eliminating the use of high-cost, temporary diesel generation. The Democratic Republic of Congo (DRC) is endowed with abundant natural resources, including vast solar energy potential. With an average solar irradiation of about 5. On-site renewable energy sources are an increasingly accessible way to accelerate your low-carbon strategy and gain a buffer against volatile. The Integrated Project is a large-scale model we are developing in the Republic of the Congo to expand energy access for the population and create local and regional industrial development opportunities. With the natural gas produced from the Marine XII and M'Boundi fields, we supply the Centrale. ar PV Park is a 100MW solar PV power project. According to GlobalData, who tracks and profiles over 170,000 power plants worldwide, the activity in the Democratic Republic of Congo. Nuru deployed Congo's first solar-based mini-grid in. Revised August 2025, this map provides a detailed view of the energy sector in DR Congo.



## Article Content

### Congo Republic solar photovoltaic electricity

Democratic Republic of Congo on Thursday signed a \$100 million solar-hybrid power deal with a consortium led by Gridworks, to provide electricity to half a million people across three cities that ...

### FP096: DRC Green Mini-Grid Program | Green Climate Fund

Successful implementation is expected to spur future development of private sector green mini-grids that not only address the country's clean energy targets but also reduce the country's

### Renewable Energy | Solar Energy Project Development

Harness renewable energy below the earth's surface to generate your heating or cooling needs. Our team can deliver your energy-related goals, starting with

### 10 Largest Solar Projects in Democratic Republic of Congo

The DRC's solar projects are crucial for addressing the energy deficit and improving access to electricity. With a growing focus on renewable energy, the country is poised to become a

### World Bank Document

This project is the cornerstone of the government's larger national electrification program and will pave the way for future sub-projects and the development of mid-size hydropower projects.

### Giant solar project announced in DR Congo

President Félix-Antoine Tshisekedi Tshilombo has laid the foundation stone for a vast, 1 GW Kinshasa Solar City photovoltaic project aimed

### Blackstone Energy Transition Partners Announces \$1.2 Billion

Blackstone Energy Transition Partners has also made recent investments in Hill Top Energy Center, a 620-megawatt natural gas power plant in Western Pennsylvania, and Potomac

### The Integrated Energy Access Project in Congo | Eni

The Congo Power Plant (CEC) now supplies about 70% of the country's electricity generation. Our access-to-energy programme also underpins the Hinda Integrated Project, delivering electricity to

We're delivering a new hybrid solar and battery system for ...

Once constructed it will deliver up to 80% renewable energy to the Blackstone community through solar and battery technology.

Blackstone Group makes a strategic investment of over \$500 million in ...

Lancium plans to build five data centers in the resource-rich areas of wind and solar energy in West Texas, with a total capacity of over 5 gigawatts, expected to be operational by 2028.

DR Congo energy map | African Energy

Revised August 2025, this map provides a detailed view of the energy sector in DR Congo. The locations of power generation facilities that are operating, under construction or planned are shown

Congo Republic solar manufacturing companies inia

Will cigenco and nzuri energy build a large-scale solar power plant? Kinshasa, the Democratic Republic of Congo, November 25, 2021 - To scale up clean energy production capacity

From Gas to Solar: Congo's Approach to Energy Security

Beyond its hydropower potential, Congo benefits from an average solar radiation level of 4.5 kWh per m<sup>2</sup> per day and plans to prioritize solar energy in the future. In June last year, UAE

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It also established an Electrification Fund to address consumer affordability and fill the viability gap for near-commercial investments in renewable power generation, in particular supporting mini grid

Congo to rely on renewables to double power generation to 1.5 GW

At present, Congo utilises just 1% of its total hydropower potential, which has been estimated at about 27,000 MW. In addition to hydroelectric power, the country will also rely on solar

Expanding Sustainable Energy: Congo's \$9.4B Bet on Hydropower

These large-scale projects and enhanced power sector integration are driven by both domestic energy demand and a mutual need for industrialization. Developing Solar Energy Beyond

Congo to Double Power Generation to 1,500 MW by 2030

These projects will provide clean, reliable energy for our people and industries." Solar energy is also a key part of the strategy, with a project led by

Congo Republic solar photovoltaic electricity

Kolwezi Solar PV Park is a 100MW solar PV power project. It is planned in Katanga, Democratic Republic of the Congo. According to GlobalData, who tracks and profiles over 170,000 power plants

Congo targets 1,500MW power capacity by 2030 | ATR

The Republic of Congo has announced plans to double its power generation capacity to 1,500MW by 2030, prioritising renewable energy projects to expand electricity access and support

The Powering Progress in Congo-Brazzaville: The Ignié 2021–2046

Led jointly with Fuente Energy, a European renewable energy developer with offices in Sweden and Poland, and in strategic partnership with Congolese company Tinda Energy SA, the

10 Largest Solar Projects in Democratic Republic of Congo

This article explores the ten largest solar projects in the Democratic Republic of Congo, highlighting their specifications, key statistics, and future outlook.

Private Infrastructure Investor Giant Blackstone Funds

Energy Construction Private Infrastructure Investor Giant Blackstone Funds \$1.2B  
West Virginia Gas Power Plant By Debra K. Rubin Image: Energy

Congo to Double Power Generation to 1,500 MW by 2030

The Republic of Congo plans to double its power generation capacity to 1,500 MW by 2030, focusing on renewable energy projects to improve

Blackstone Energy Transition Partners Announces \$1.2 Billion

Blackstone (NYSE: BX), through funds affiliated with Blackstone Energy Transition Partners (collectively, “Blackstone Energy Transition Partners”), today announced a \$1.2 billion

Sun Africa to develop 4,000 MW renewable energy project in DR Congo

According to Luntadila, the program aims to install generation infrastructure with a total capacity of 4,000 MW by combining solar power, hydropower, and energy storage.

PATHWAYS TO ENERGY TRANSITION Democratic Republic of the Congo

Grand Inga hydropower project The DRC has vast solar, wind and hydropower potential, and the government committed to increasing the share of renewable energy in the national energy mix as

## Contact Us

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