

Democratic Republic of Congo Energy Big Data Center



Article Overview

The Democratic Republic of Congo is positioning its Inga hydroelectric complex to supply up to 44 gigawatts of renewable energy for AI and cloud computing data centers, making it a potential global hub for green digital infrastructure.

Overview of the Inga Hydroelectric Project

The Inga hydroelectric complex on the Congo River is the world's largest untapped renewable energy site, with a potential output of 44 gigawatts, nearly double the capacity of China's Three Gorges Dam . Currently, Inga I and II generate less than 2 gigawatts, a small fraction of the site's potential . The project includes the planned Inga III phase, which alone could deliver 11,000 megawatts, more than triple the DRC's current electricity capacity . The full development involves constructing a series of six additional dams along the river, each capable of producing 4-8 GW .

Purpose and Strategic Vision

The DRC aims to leverage Inga's vast energy resources to power AI and cloud computing data centers, addressing the surging global demand for high-capacity, low-cost, and renewable energy . The site offers key advantages for data center operations, including:

- Abundant hydroelectric capacity for continuous power supply
- Natural water resources for cooling large-scale data centers...

Article Content

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Democratic Republic of Congo

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Congo Asserts Its Mega Hydro Project Can Power AI Data Centers

The Democratic Republic of Congo is advocating for the world's largest hydroelectric site as a provider of affordable,

Mar 12, 2026

African Development Bank to build data center in the Republic of Congo

The African Development Bank will fund the building of a data center in Brazzaville, the Republic of Congo. The

May 13, 2026

Democratic Republic Of The Congo Data Center Locations

Data Centers in Democratic Republic Of The Congo with map. List of available providers and facilities in Democratic Republic Of The

Oct 17, 2025

Mining industry of the Democratic Republic of the Congo

Mining industry of the Democratic Republic of the Congo Map of mining in the DRC Rubaya coltan mines

Nov 16, 2025

ENERGY PROFILE Congo

Additional notes: Capacity per capita and public investments SDGs only apply to developing areas. Energy self-sufficiency has been

Dec 20, 2025

DR Congo Development Futures

The Democratic Republic of the Congo (DR Congo), also known as Congo-Kinshasa and formerly known as Zaïre, is located in

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Latest Updates on the World's Largest Hydropower Dam in DR Congo

The Democratic Republic of Congo is pitching the world's largest hydroelectric site as a source of cheap, renewable

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Kinshasa Data Centers

Kinshasa Data Centers Below you will find locations of 4 data centers in Kinshasa, DR Congo. To find other data center locations

Mar 15, 2026

Transforming DRC's Tech Landscape: The Arrival of New Data Centers

The Democratic Republic of Congo (DRC), one of Africa's most resource-rich nations, has long been viewed as a

Nov 05, 2025

Congo Bets on Inga to Power the AI Revolution

Congo pitches its Inga hydro site as the world's green energy hub for AI data centers, offering 44GW of clean power to

Apr 04, 2026

Congo Says World's Biggest Hydro Site Can Power AI Data Centers

The Democratic Republic of Congo is pitching the world's biggest hydroelectric site as a source of cheap, green power

Feb 14, 2026

Country Profile Democratic Republic of the Congo

The Democratic Republic of the Congo is endowed with exceptional natural resources, and its energy landscape is currently

Mar 20, 2026

Congo Launches World's Largest Hydroelectric Plant to Power AI

The Democratic Republic of Congo is launching the world's largest hydroelectric plant as a source of cheap,

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The Democratic Republic of the Congo has begun work on the world's largest hydroelectric power plant, which will

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Updated October 17, 2025- The Democratic Republic of Congo is pitching the world's largest hydroelectric site as a source of cheap,

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Africa's AI Powerhouse? — Congo Bets Big on Inga to Fuel the Data ...

With the rise of energy-hungry AI data centers, the country is promoting its colossal Grand Inga hydroelectric complex

Nov 04, 2025

Congo pitches world's largest hydro site as power source for AI data ...

The Democratic Republic of Congo is pitching the world's largest hydroelectric site as a source of cheap, renewable

Nov 25, 2025

DR Congo Pitches Inga Hydroelectric Site as Green Power Source for ...

The Democratic Republic of Congo (DRC) is positioning its vast Inga hydroelectric site as a future powerhouse for AI

Jan 28, 2026

DEMOCRATIC REPUBLIC OF CONGO DATA CENTER MARKET

DATA GOVERNANCE IN AFRICA This report is part of a series of market briefs developed by Xalam Analytics at the behest of

Jan 31, 2026

Congo Dr Energy Information

- Congo DR's Energy Supply & Demand: The Democratic Republic of Congo relies heavily on hydroelectricity (94% of capacity) and

Dec 16, 2025

Congo claims world's largest hydro plant could fuel AI data centers

The Democratic Republic of Congo is pitching the world's biggest hydroelectric site as a source of cheap, green power

Dec 04, 2025

Democratic Republic of the Congo

The Democratic Republic of Congo nbsp;has huge hydropower potential while also dealing with extreme energy poverty. Foreign

Jul 02, 2026

Congo's National Data Center in Brazzaville Reaches 75% Completion

The Republic of Congo's National Data Center in Brazzaville has reached 75% completion. The inauguration of the

Contact Us

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