

Democratic Congo Energy Storage Power Station Subsidy





Overview

What is the main priority for the Democratic Republic of Congo's power sector?

The main priority for the Democratic Republic of Congo's power sector is to increase access to electricity. The Democratic Republic of Congo is a large country with 10 million households of which 1.6 million have access to electricity. This makes it the third largest population in the world without access to electricity.

How much would it cost to get grid electricity in DRC?

Providing all households of the 26 provincial capitals of DRC access to grid electricity through a mix of mid-sized hydro and solar power plants would cost approximately USD 10.5 billion in CAPEX. This would raise the access rate to about a third of the population, at a cost equivalent to 30% of GDP.

Why does DRC have a high electricity demand?

All segments of electricity demand are severely constrained by supply. Most demand in the residential sector is unmet, partly because DRC has one of the largest deficits in electricity access in the world and high geographical disparities (see chapter 2 for information about access). So is industrial demand.

How many people live without electricity in the DRC?

This makes it the third largest population in the world without access to electricity. If electrification efforts follow the same pace as during the last decade, 84 million people – or 80% of total population – will still live without electricity in the DRC by 2030.



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