

Government procurement price of standalone energy storage in Ghana

Why is the energy sector a problem in Ghana?

Long delays in payments to power producers are a significant concern in the sector as the government pays for the subsidy from the national budget. Debt within the energy sector, coupled with the high cost of power in Ghana, creates a brake on Ghana's economic development.

How many power purchase agreements are there in Ghana?

Ghana currently has 32 identifiable contracts, or Power Purchase Agreements (PPAs), in force for the provision of electricity generation. Both Volta River Authority (VRA) and the Electricity Company of Ghana (ECG) have PPAs in place with private Independent Power Projects (IPPs).

Does Ghana pay for electricity if no electricity is consumed?

In addition, most of these contracts were agreed on a take-or-pay basis, which means that the government of Ghana must pay for the generation capacity even if no electricity is consumed. The only publicly-disclosed aspects of these PPAs are the names of the project, contract type, technology/fuel, location, and total project cost.

How many PPAs are in force for electricity generation in Ghana?

This case study, written in collaboration with the Institute of Economic Affairs (IEA Ghana), identified 32 PPAs currently in force for the provision of electricity generation. We have summarized the implications of these contracts, and compiled all available public information into a downloadable Annex.

Why does Ghana need a more transparent electricity contracting system?

Ghana's electricity sector faces an urgent crisis of immense financial strain that calls for a new, more transparent approach for contracting power in the future. Public information on current contracts is highly limited, which has contributed to overcapacity, weakened sector planning, mounting debt, and rising concerns over public accountability.

Who controls electricity distribution in Ghana?

The final leg, distribution, is mainly controlled by the state-owned entities Electricity Company of Ghana (ECG) and Northern Electricity Distribution Company (NEDCO). A private entity, Enclave Power Company, plays a minor role in the distribution chain.



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