



Ghana Outdoor Power Supply Monopoly

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). 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. How has Ghana developed its power sector? Ghana has traveled quite a journey in developing its power sector from the days of where only a few cities had electricity to about 83% electricity coverage across the entire country in recent days. The country has succeeded in improving its generation mix; it has nineteen (19) power plants and not relying so much on the Akosombo dam. Why did Ghana not generate enough electricity? However, Ghana could not generate enough electricity due to low water levels for hydropower plants such as Akosombo and glitches in gas delivery to power gas-fired power plants. 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. 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. A Case Study of Ghana's Power Purchase Agreements 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. Summary Regulatory Review of the Electricity Market in Ghana inroads into the value chain beyond the generation segment. Ghana has also opted for a public-led model for the development of mini-grids as alternative electricity supply solution. A Review of Electricity Market Reforms and Regulations in Ghana Until the late 1990s, the government through its agencies (Volta River Authority, Electricity Company of Ghana) had a monopoly on electricity supply to consumers. ECG not sole culprit in power sector crisis - IPPG The persistent power sector crisis cannot be solely attributed to the Electricity Company of Ghana (ECG), despite the utility provider's widely acknowledged financial and operational From Generation to Distribution: Investigating Ghana's Two significant issues emerge from Ghana's power generation subsector - critical decisions on fuel supply and issues surrounding excess generation capacity. The assessment of these (PDF) An assessment of Ghana's electricity sector This research used data from the official pages of key players in Ghana's power sector including the Energy Commission (EC), the World Bank and others. Ghana's changing electricity supply mix and tariff pricing Power generation is controlled by the Volta



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River Authority (VRA), a state monopoly with about 49% market share, augmented by several Independent Power Producers (IPPs). From Generation to Distribution: Investigating The African Power Platform aims to connect private and government stakeholders in Africa's power sector. The platform helps circulate and propagate tenders, intelligence and business opportunities to its members. The Structure of Ghana's Power SectorPower generation in Ghana is carried out by three major groups; the Volta River Authority (VRA), Bui Power Authority (BPA) and Independent Power Producers (IPP). The A Case Study of Ghana's Power Purchase AgreementsGhana'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. ECG not sole culprit in power sector crisis - IPPG reportThe persistent power sector crisis cannot be solely attributed to the Electricity Company of Ghana (ECG), despite the utility provider's widely acknowledged financial and (PDF) An assessment of Ghana's electricity sectorThis research used data from the official pages of key players in Ghana's power sector including the Energy Commission (EC), the World Bank and others. From Generation to Distribution: Investigating Ghana's power The African Power Platform aims to connect private and government stakeholders in Africa's power sector. The platform helps circulate and propagate tenders, intelligence and business The Structure of Ghana's Power SectorPower generation in Ghana is carried out by three major groups; the Volta River Authority (VRA), Bui Power Authority (BPA) and Independent Power Producers (IPP). The

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