

Average photovoltaic ESS price per 1GW in Burundi

How has private energy consumption changed in Burundi?

It is only in the last five years that private consumption has grown in real terms. Burundi's energy consumption relies to a great extent on biomass. Households are the main consumers of energy in the country, accounting for 94% of total consumption. Their needs are almost exclusively met by traditional biomass (99%).

What is the most common off-grid electricity source in Burundi?

Solar energy is the most common off-grid electricity source in Burundi, although the number of systems installed is very slow. With the global price dropping of solar technologies a small solar sector emerged in the recent years, that offer smaller systems for private households, businesses and public institutions.

Which technology is most important for power generation in Burundi?

Hydropower is the most important technology for power generation in Burundi, representing 95% of the total national generation capacity. This energy is transported through elevated lines of average voltage and distributed to the customers by lines of low voltage. The levels of transport voltage in Burundi are 110 kV, 30 kV and 10 kV.

How much does petroleum cost in Burundi?

All petroleum products (70 - 85 kilotons per year) have to be imported and transported over at least 1,400 km through neighboring countries before they reach Burundi. Consequently, petroleum is comparatively expensive and a high burden on the national budget. The market price for Diesel and Gasoline is around 1.20 US\$ per liter.

How much peat is in Burundian soil?

Peat reserves are estimated at 100 to 150 million tons, 57 of which are considered economically exploitable. The use of peat was promoted by the Burundian government for quite a long time, because it is - beside fire wood - the only natural energy resource in Burundian soil.

Who regulates the exploitation of peat in Burundi?

Up to now all regulatory decisions are made by the Ministry itself. ONATOUR (National Agency of Peat) is another public company with the government holding 100% of the shares. Its assignment is the exploitation of peat in Burundi.



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