

Average enterprise ESS system price per 20MW 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%).

How is energy transported in Burundi?

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. Electrical energy production was 133 GWh in 1992 and 150 GWh in 1993.

Is there wind energy in Burundi?

The potential for wind energy in Burundi seems to be quite high, especially in the Imbo plains. Meteorological data from 1988 suggests an average wind flow of almost 5 m/s at 2 meters above ground. [?Go to Top](#)

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.

Could peat cover Burundi's energy demand?

The annual production of peat during 2006 was only 4,871 tons, a quantity, which could even not satisfy the demands of the army which is the main peat consumer. However, potentially peat could cover a substantial share of Burundi's energy demand for several years.

How does Burundi benefit from electricity imports?

Burundi also benefits from imports from the regional hydro plants of Rusizi I and II, which are operated by Sociéte Nationale d'Electricité (SNEL), and SINELAC, respectively. Currently, these imports account for 40% of the electricity consumption.



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