



# Cameroon power generation container

How much energy does Cameroon need?

With an estimated energy potential of 25,000 MW, Cameroon could be entirely self-sufficient, as its total power generation output is eight billion kWh, or 128% of its needs. Table 4. Energy consumption by sector since 2010 in percent (%).

Will Cameroon diversify its energy mix?

This project is expected to diversify Cameroon's energy mix, currently dominated by hydroelectricity, which accounts for 61.7% of national production, compared to 1% for biomass and 0% for wind power .

Will Cameroon produce 5000 MW by 2035?

However, by 2020, production had only reached 1040 MW, leading Cameroon to devise a new national energy sector development strategy targeting 5000 MW by 2035. This paper provides an overview of the current state of energy production and projects future output by 2035.

What is Cameroon's energy plan?

The government of Cameroon has set an ambitious vision to expand access to electricity, increase the use of renewable energy, boost power generation, and strengthen transmission capacity to meet a surge in demand, projected to quadruple by 2035.

How much energy does Cameroon produce from biomass?

Its production capacity currently represents only 1% of Cameroon's energy mix. However, studies have shown that 37 identified sites across the country could produce up to 37 MW of electrical energy from biomass, according to the Rural Electrification Agency (AER). Biomass currently meets 70% of the country's energy demand .

How can Cameroon achieve 5000 MW energy production?

To achieve the targeted energy production of 5000 MW, it is advisable to take steps to avoid certain obstacles, similar to those encountered in Cameroon's initial programs. The potential obstacles impacting this objective are listed in Table 6 below: Table 6. Possible obstacles. Lack of proper road infrastructure for site access.

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