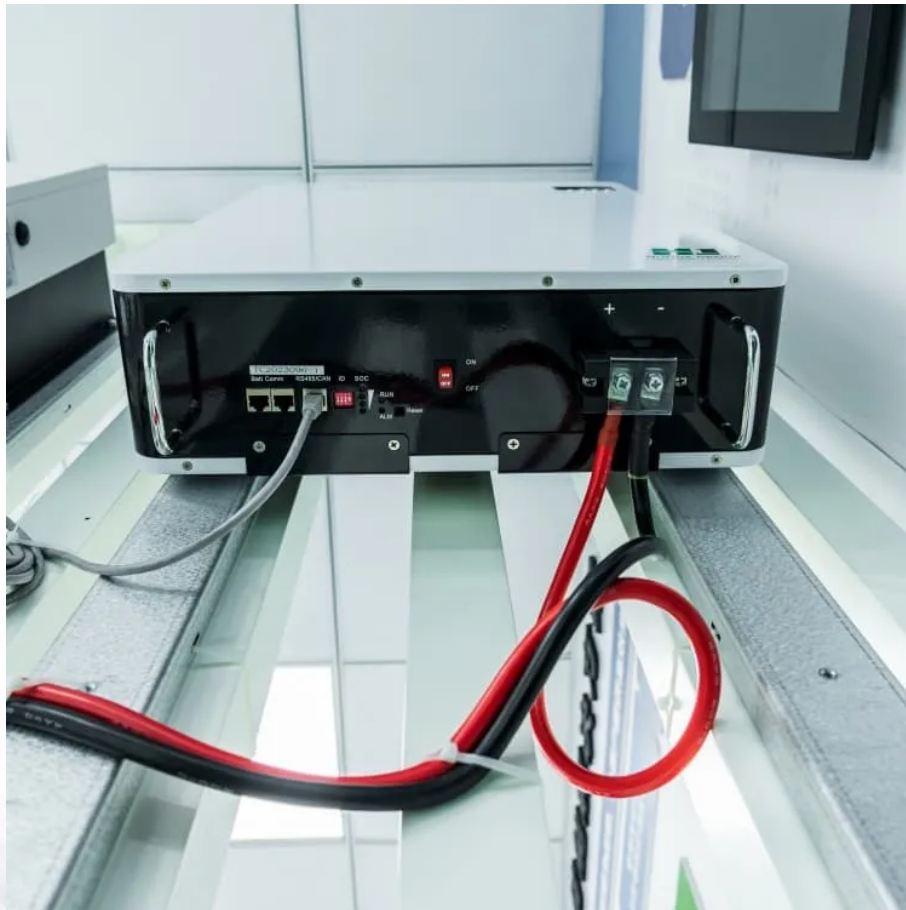


Ratio of new energy sources and energy storage in Venezuela





Overview

What is the electricity supply in Venezuela?

Table 1. Electricity supply in Venezuela (MW). Source: Authors' adaptation from , . Considering that in 2016 the Venezuelan total electricity demand was around 18,300 MW there is a significant deficit of 1800 MW , .

How much natural gas does Venezuela produce in 2023?

According to in 2023, Venezuela produced 842 Bcf of natural gas, and consumed the same amount of 842 Bcf . This is also confirmed the Energy Institute Statistical Review of World Energy 2024, according to which in 2023 the average volume of natural gas production was 29.7 Bcm, while consumption was also 29.7 Bcm . Figure 2.

How much hydro power does Venezuela have?

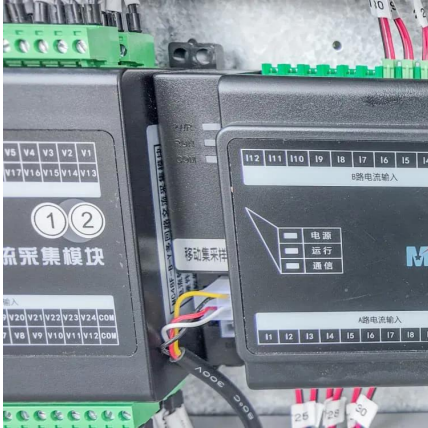
This is a very significant resource for the production of electricity via hydropower. In theory, the hydro power potential of the country is 731 GWh/year, which in comparison with other countries seems little, but for Venezuela it is sufficient, given the size of the country .

What is the energy consumption in Venezuela in 2023?

Primary energy consumption in Venezuela in 2023 amounted to 2.53 exajoules and was dominated by natural gas – 42.3%, followed by oil – 33.2%, hydropower – 24.1%, and coal – 0.4% . Venezuela is one of the world's largest oil producers and exporters .



Ratio of new energy sources and energy storage in Venezuela



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