

## Average VRFB energy storage price per 3MW in Ethiopia

Which energy storage technologies are included in the 2020 cost and performance assessment?

The 2020 Cost and Performance Assessment provided installed costs for six energy storage technologies: lithium-ion (Li-ion) batteries, lead-acid batteries, vanadium redox flow batteries, pumped storage hydro, compressed-air energy storage, and hydrogen energy storage.

How much energy does Ethiopia use per capita?

These prices decreased between 2017 and 2021 and increased by 10% in 2022. In 2023, total energy consumption per capita is around 0.40 toe, including 106 kWh for electricity. Ethiopia strives to become an African power hub.

Will Ethiopia become an African power hub?

Ethiopia strives to become an African power hub. The 17 GW capacity target in 2020 set in the 25-year Power System Expansion Master Plan of 2016 was far from being reached, with only 5.6 GW in 2023. The National Power System Expansion Master Plan (2021) did not fix quantitative objectives.



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