

ContainerPower Energy Solutions

Energy storage cost per kilowatt-hour in Mozambique



Overview

Roughly \$280/kWh for storage—higher than lead-acid batteries but with 3x the lifespan. What is the price of electricity for businesses in Mozambique?

The price of electricity in Mozambique is 0.080 U.S. Dollar per kWh for businesses. This includes all components of the electricity bill such as the cost of power, distribution and taxes. For households, the price is 0.127 U.S. Dollar per kWh.

How are electricity prices regulated in Africa?

Electricity prices are regulated by ARENE and are progressive (inclining block rates). They increased by 30% for households between 2019 and 2021 and by 20% for industry in 2021 and were stable in 2022 and 2023. Per capita consumption was around 0.36 toe in 2022, which is 45% below the African average.

How much electricity does EDM use in 2022?

Per capita consumption was around 0.36 toe in 2022, which is 45% below the African average. Per capita electricity consumption reached around 400 kWh and is 28% below the African average (2022). According to EDM's Integrated Master Plan (2018-2043), the company expects power demand to increase by 6%/year to 35 TWh in 2043.

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