

## SolarTech Power Solutions

# Lesotho electricity prices and energy storage



## Overview

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The residential electricity price in Lesotho is LSL 1.910 per kWh or USD 0.110. The electricity price for businesses is LSL 0.406 kWh or USD 0.023. These retail prices were collected in March 2025 and include the cost of power, distribution and transmission, and all taxes and fees. What is the price of electricity in Lesotho?

Lesotho, September 2022: The price of electricity is 0.093 U.S. Dollar per kWh for households and 0.019 U.S. Dollar for businesses which includes all components of the electricity bill such as the cost of power, distribution and taxes.

Does Lesotho have an electricity capacity expansion plan?

Electricity capacity expansion plan for Lesotho – implications on energy policy. Energy Policy 120: 622–634. Soares, L.J. and Souza, L.R. 2006. Forecasting electricity demand using generalized long memory. International Journal of Forecasting 22: 17–28. Steinbuks, J. 2019.

What is the energy sector like in Lesotho?

sformation in Lesotho The energy sector in Lesotho is characterised by an enormous potential of renewable energy resources. Lesotho has the potential to produce up to 6,000 MW from wind and solar, 4,000 MW from pump storage, 400 MW from conventional hydropower, and more than 1.

Can Lesotho produce electricity?

able energy resources. Lesotho has the potential to produce up to 6,000 MW from wind and solar, 4,000 MW from pump storage, 400 MW from conventional hydropower, and more than 1, 00 MW from hydropower. However, the current demand for electricity continues to exceed.

What is the electrification rate in Lesotho?

In Lesotho, the national electrification rate has reached 41% of households

(Lesotho Electricity and Water Authority (LEWA) 2018), and that calls for more efforts to be geared towards electrification to provide for the remaining 59% of households, mostly in the rural areas of the country.

How much power does Lesotho need?

Furthermore, as Lesotho embarks on its journey of industrialisation, in a quest for an improved level of economic development, the national demand for power is increasing. According to LEWA (2017), Lesotho reached peak demand of 161 MW.

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