



# Lesotho retail store energy storage

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In Lesotho, about 47 percent of households have access to electricity, concentrated mainly in urban areas. The government has not achieved its goal of increasing the electrification rate to 75 percent of households by 2022. Lesotho has identified hydropower, wind generation, and solar power as potential renewable energy sources to help reach these targets and are proactively seeking development partners and investors to help it achieve this goal.

Currently, Lesotho generates 72 megawatts of hydropower through the "Muela Hydropower plant, which does not satisfy domestic demand. The country will generate 80 MW following the construction of the Polihali Dam expected to be completed in 2028. There is potential, and there are plans, to expand hydropower capacity and establish wind farms. The majority of the population primarily lives in small, rural communities, which makes the country a good market for solar energy products. The government is interested in taking advantage of carbon credits; this may be a business opportunity for consulting companies in the renewable energy space.

Lesotho Electricity and Water Authority (LEWA)

Lesotho Electricity Company (LEC)

Lesotho Highlands Development Authority (LHDA)

Website: Ministry of Energy and Metereology | Government Of Lesotho ()

International Trade Administration U.S. Department of Commerce 1401 Constitution Ave NW Washington, DC 20230

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The cost of distribution significantly hinders the commercial viability of mini-grids. As a result, remote households struggle to connect to electricity systems in off-grid rural

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