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It is estimated that the large-scale hydropower generation potential for Lesotho is approximately 450 MW. Additionally, there is significant potential for small scale hydro as well as wind and solar energy. As to small scale hydro, there are currently four mini hydro-power stations in the mountains at Semonkong, Tlokoeng, Tsoelike and Mants ...

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Solar energy offers a cost-effective and reliable way to power homes and businesses in Lesotho. There are several solar energy projects already in place, such as photovoltaic systems, solar water heating systems, and solar-powered irrigation systems.

OnePower Africa is a fast-growing startup based in Lesotho with the mission to bring electricity to underserved communities in developing countries. We provide affordable and reliable electricity services to off-grid villages, giving families, schools, health clinics, and local businesses the opportunity to thrive.

OnePower Lesotho PTY LTD is the preferred bidder under a tender process initiated by the Lesotho government in 2016 to develop a 20MW PV generating station. OnePower's Neo I plant will be Lesotho's inaugural utility-scale solar power source, financed in partnership with Scatec Solar and Norfund .

Direct oversight of the project is under the purview of the Lesotho Electricity Generation Company (LEGCO). The official launch of the project took place on December 16, 2020. The project's production areas will span a total of 1,700,000 square meters, covering 64% of the demarcated project land area, which totals 2,663,569 square meters.



Kaliro solar Lesotho

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