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Succinctly, the investigation reveals, inter-alia, that: 1) Lesotho's energy demand will continue to increase over the modelled period (up to 2050), with the gap between the local generation and demand concomitantly increasing; 2) large hydro generation, if harnessed will guarantee long-term energy security and cheaper energy relative to both ...

Importing electricity will be very costly for Lesotho in the long run. o Planning for a secure system results in least cost electricity system for Lesotho. o For high demand, 1.1 GW, 0.2 GW and 0.5 GW of PV, hydro and pumped hydro is optimal.

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