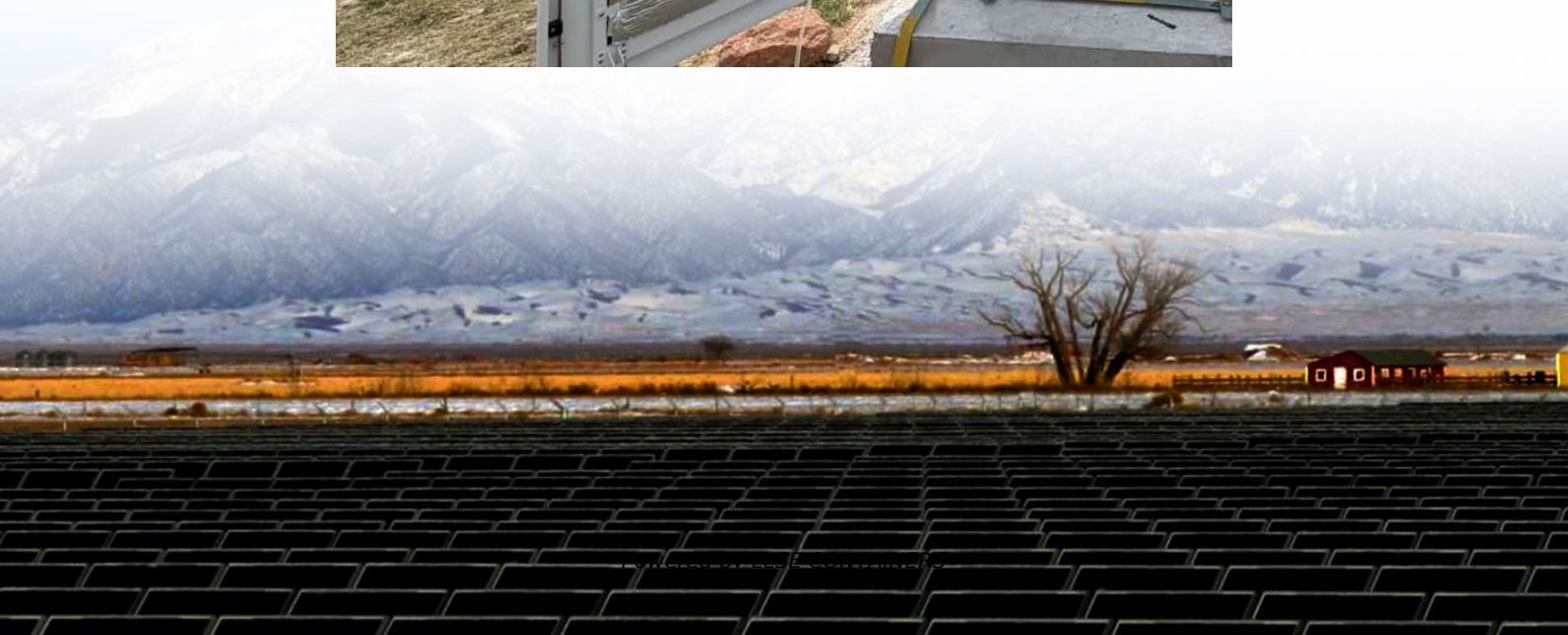


Grid-side energy storage in Papua New Guinea





Overview

Does Papua New Guinea have electricity?

Papua New Guinea (PNG) has one of the lowest electrification rates in the Pacific, with only 13% of the population having access to electricity. In PNG, grid-connected power is still primarily restricted to the main urban areas. Supply is often unreliable when power is available (generally in the main urban centers).

How can Papua New Guinea achieve a 70% electrification target?

Technical Assistance to Papua New Guinea for Implementation of the Electricity Industry Policy. Manila. World Bank in cooperation with the government, PNG's power sector requires \$1.7 billion to achieve the government's 70% electrification target by 2030. The Power Sector Development Project will support the implementation of FYPDP and NEROP. 7.

Are PNG Power Grids interconnected?

These grids are not interconnected. investments from both the public and private sectors are required in power generation and transmission (both expansion and upgrade) and in the distribution grids of Gazelle, Port Moresby, and Ramu, which serve the major demand centers of PNG.

What is the grid penetration in rural areas in PNG?

Grid penetration in rural areas is less than 4%. PNG's 600 MW of installed capacity is generated by hydropower (40%), diesel (38%), gas fired (14%), and geothermal (8%). PPL is a state-owned power authority responsible for the generation, transmission, distribution, and retailing of electricity throughout PNG.



Grid-side energy storage in Papua New Guinea



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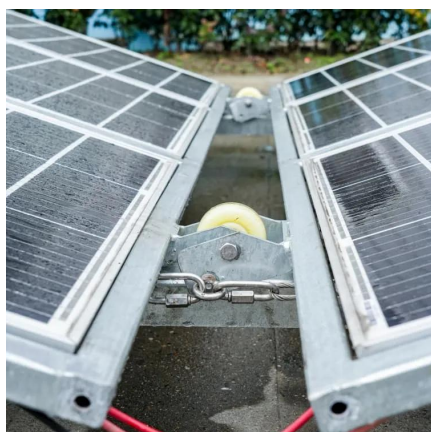
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