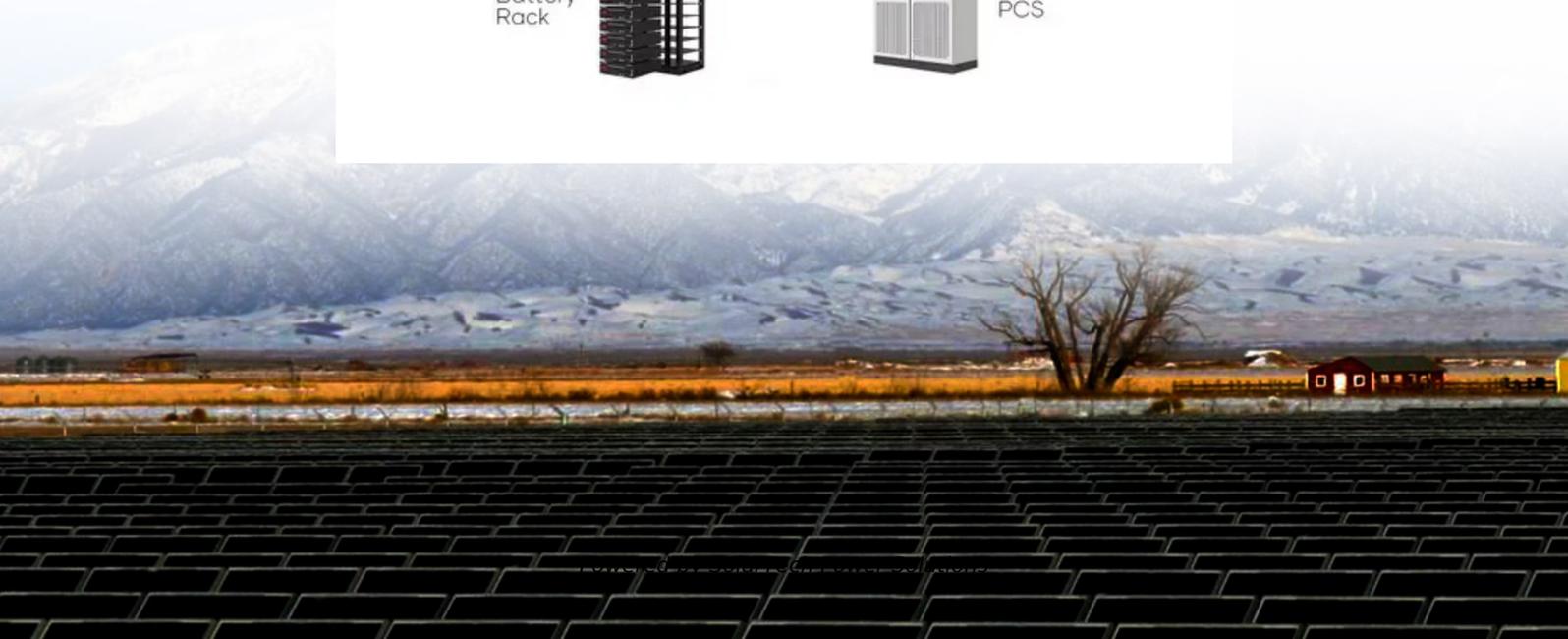


## SolarTech Power Solutions

# Papua New Guinea s industrial and commercial power supply side energy storage investment



## Overview

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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).

What is the power sector investment plan in PNG?

TRANSFORMER CAPACITY EXPANSION PLAN Most new power sector investment in PNG over the next 10 years is expected to be organized around projects identified in the LCPDP (generation and transmission investments on the POM and Ramu grids) and the NEROP (electrification nationwide).

Should png invest in the power sector?

This underlines the scale of investments needed in PNG's power sector, and the urgency for government and development partners to implement improvements. The opportunity to invest in the power sector in PNG is very large, growing and aligned with the interests of key stakeholders.

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.

How does USAID invest in PNG's electricity sector?

Rather than fund all its projects entirely, USAID aims to use seed funding to leverage private sector investment into PNG's electricity sector. An initial US\$57 million was allocated for this purpose and the project is looking to

generate investment worth US\$200 million.

What is PNG Power Ltd network?

PNG Power Ltd Network in Papua New Guinea. Originally published by PNG Power Ltd. PNG Power Limited (PPL) manages the generation, transmission, and distribution of three grids: Gazelle, Port Moresby, and Ramu, all of which total 320 MW, as well as 16 mini-grids serving 26 provincial centers.

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