

# Home Energy Storage in Timor-Leste





## Overview

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What is the energy situation in Timor-Leste?

**Energy Situation** Timor-Leste's energy landscape is characterized by a growing demand for electricity and a heavy reliance on imported fossil fuels. In 2022, almost all of the electricity being generated came from oil or other fossil sources.

What is the energy landscape in Timor-Leste?

Timor-Leste's energy landscape is characterized by a growing demand for electricity and a heavy reliance on imported fossil fuels. In 2022, almost all of the electricity being generated came from oil or other fossil sources. While 100% of the population have access to electricity, only 18% have access to clean cooking. **Renewable Energy.**

Does Timor-Leste have solar power?

The country receives an average of 18-24 MJ/m<sup>2</sup> of solar radiation per day, comparable to Australia's high solar potential. As of 2019, 1,228 solar energy units had been installed for family households in remote areas. Timor-Leste has significant potential for photovoltaic power.

What is Timor-Leste's energy plan?

**Program of the 9th Constitutional Government:** The Government is committed to modernize and expand its energy system by utilizing renewable energy. Timor-Leste plans to implement 72 MW solar and 50 MW wind by 2024 and 2026 respectively. This will increase RE share in power generation from 0.2% in 2021 to 35.4% in 2030.



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