



# Timor-Leste creates solar power for home use





## Overview

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Timor-Leste holds a strategic advantage over its neighbours in transitioning to solar rooftops, with potential electricity cost reductions and a recovery period of 2.5 years, lower than regional averages. Geomar lives in a small village in Suco Tutuluro, Manufahi Municipality, located in the southern part of Timor-Leste. She is a stay-at-home mother who manages her home and cares for her four children, while her husband works to support them. Suco Tutuluro is a typical remote Timorese village. With the new UN reforms, the United Nations in Timor-Leste, under the leadership of the Resident Coordinator has now started lighting the way with its solar-powered grid which has begun to give maximum dividends. It took almost a year – from feasibility to completion – to see the solar panel. Just as the remaining renewable energies sources that are being explored by the Government in Timor-Leste, the photovoltaic units (or solar project) implementation project is specially directed for the families that live in remote areas, where difficulties still exist in the national energy network. DILI, Timor-Leste – November 25, 2025 —At the Timor-Leste Mining and Petroleum Summit in Dili, President José Ramos-Horta delivered a strong dual message: the nation remains unwaveringly committed to developing its hydrocarbon resources, particularly the Greater Sunrise gas field, while Timor-Leste has rapidly expanded electricity access to more than 83 per cent of the population but the country has yet to achieve energy security. 1 Consumer costs, even with government subsidy, remain high and outages are common. This ambitious project, set to begin construction in 2026, will not only supply clean energy to neighboring Indonesia but also marks a.



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### [Renewable Energies: Timor-Leste invests in Solar Panels](#)

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### **Timor-Leste Doubles Down on Greater Sunrise and New Solar Power**

This project, developed with Japanese and French companies, will significantly reduce the country's reliance on expensive, imported diesel for power generation and is a major component of ...



### [Solar power systems for home use Timor-Leste](#)

A just concluded three-year pilot project has shown that solar power can be an affordable and sustainable alternative energy source for the people of Timor-Leste, according to a senior United

### [Illuminating Lives with Solar Panels](#)

As Timor-Leste moves toward prioritizing more climate-friendly development, clean energy is providing empowerment and opportunity for its people. With solar lights in their homes, ...



### East Timor solar plant: Unique 20MW Project Confirmed

East Timor, officially known as Timor-Leste, is poised to make a significant leap in renewable energy with confirmed plans to construct a 200 MW solar power plant.



### **Solar energy is illuminating the path to energy access across East Timor**

At Solarvance, we offer weather-hardened, off-grid-ready solar systems tailored for Timor-Leste's climate and infrastructure. Whether for public lighting, school electrification, or village microgrids, we ...



### **Going Green**

Technicians in Timor-Leste have experience in small-scale, off-grid solar energy systems. Commercial or industrial scale installations are more complex and appropriate technical capacity is scarce.

### **Climate Change Story**



Timor-Leste's rooftop PV market is nascent; few businesses have invested in PV rooftops and household use remains low. The supply aspect has also not caught up with the global boom--few ...



## Timor-Leste Advances Toward Clean Energy Future with Solar Power

A high-level delegation led by the Ambassador of Japan, UNDP Resident Representative, and INFPM Executive Director conducted a monitoring visit to assess the installation of a hybrid solar ...

### [Solar-powered UN House lights the way for a greener and](#)

It took almost a year - from feasibility to completion - to see the solar panel installed at the UN Timor-Leste compound. A powerful 300 kWp photovoltaic system is producing 400,000 kWh of





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