

## NKOSITHANDILEB SOLAR

# Phase change solar container energy storage system in Timor-Leste



## Overview

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What is the Timor-Leste solar power project?

The Project involves the construction and 25-year operation of a new power plant in Manatuto, Timor-Leste, comprising a 72 MW solar power plant co-located with a 36 MW/36 MWh battery energy storage system. This will be the country's first full-scale renewable energy IPP project.

Why should Timor-Leste invest in solar & storage infrastructure?

José added: "The investment in Timor-Leste's solar and storage infrastructure is transformative. It will help reduce dependence on fossil fuels while improving grid stability and energy access across the country". José de Ponte was supported by special counsel Marnie Calli, senior associate Lisa Huynh and solicitor Jeraldine Mow.

Is a solar-powered Grid a good idea in Timor-Leste?

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. A powerful 300 kWp photovoltaic system is producing 400,000 kWh of clean electricity annually, filling critical gaps in energy supply.

Can a solar energy system help Timor-Leste achieve the 2030 Agenda?

"In Timor-Leste, our road to the 2030 Agenda for Sustainable Development starts at home. Our solar energy system can be a model for other UN Country Offices to show how we can jointly, sustainably and effectively tackle greenhouse emissions while reducing operational costs and scale up support across the United Nations System.

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DLA Piper advised Eletricidade de Timor-Leste on a PPA to develop Timor-Leste's first solar PV power plant and battery energy storage system.

First-utility scale renewable project in Timor-Leste Design, build, finance, operation and maintenance of a [72-85] MW solar photovoltaic plant ("Solar PV Plant"), a [36-42.5] MW/1 ...

Explore solar project in East Timor (Timor-Leste), delivering sustainable and reliable energy solutions. Learn about our commitment to renewable energy and how we're ...

A key objective is to ensure that the implementation of the government's rural energy programs provides equitable distribution of benefits. In Timor-Leste the Secretary of State for Energy ...

The new solar energy project, titled & quot;Solar for All,& quot; is a key component of UNDP's broader efforts to promote renewable energy in Timor-Leste. The initiative will focus on ...

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Solar energy's growing role in the green energy landscape underscores the importance of effective energy storage solutions, particularly within concentrated solar power ...

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Energy-efficient solar systems in the UN Compound in Timor-Leste are helping cut down costs of nearly US\$ 542,490 and save 1765 ...

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

## Contact Us

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For catalog requests, pricing, or partnerships, please contact:

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