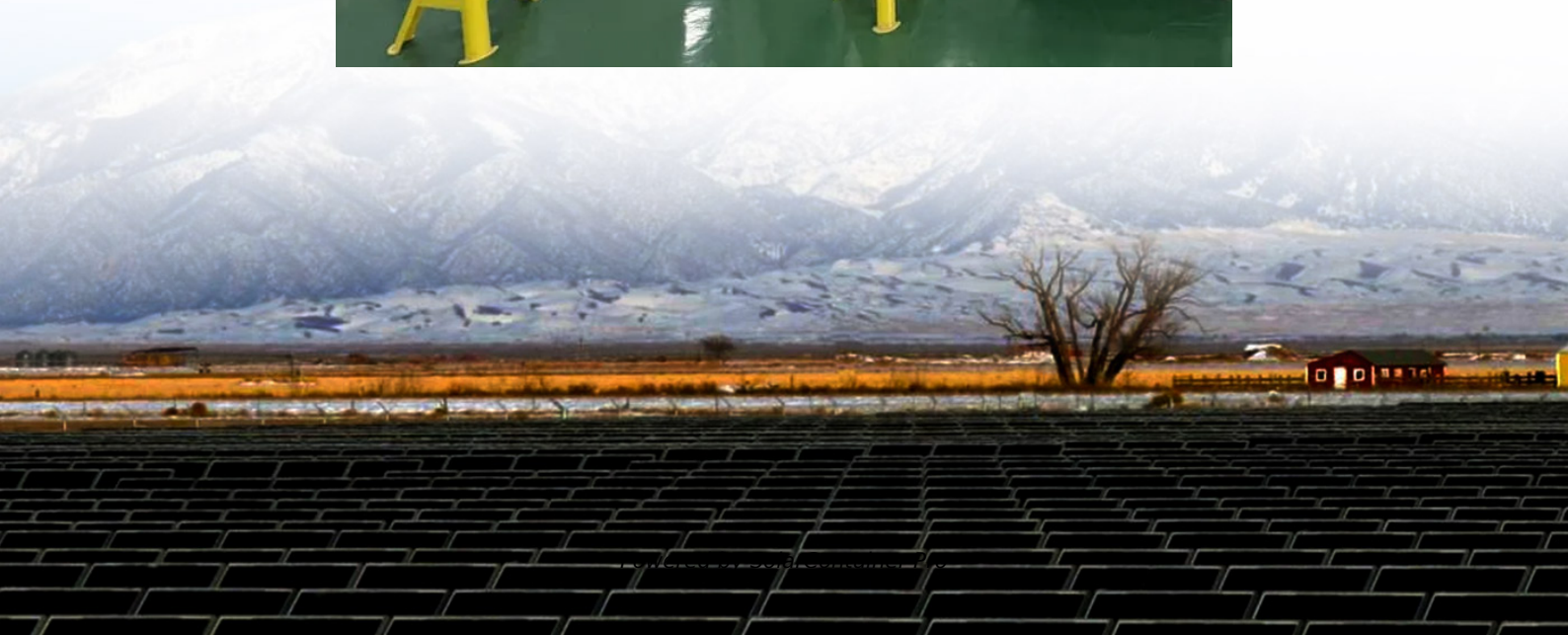


# **Timor-Leste Home Energy Storage Company**





## 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.

How long did it take to install solar panels in Timor-Leste?

Caption: 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 clean electricity annually, filling critical gaps in energy supply.

Does Timor-Leste have access to energy?

Access to energy remains a concerning challenge for many in Timor-Leste. The centralised nature of the local electricity supply chain has traditionally kept consumers reliant on the national grid to overcome chronic energy shortages.

Could Timor-Leste be a cost-efficient alternative energy solution?

The Operations Management Team started weighing the feasibility and working on a cost-efficient alternative energy solution in 2016-2017 when Timor-Leste was facing high electricity costs and increased CO2 emissions. "In Timor-Leste, our road to the 2030 Agenda for Sustainable Development starts



at home.

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.



## Timor-Leste Home Energy Storage Company

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### [Timor-Leste energy storage infrastructure](#)

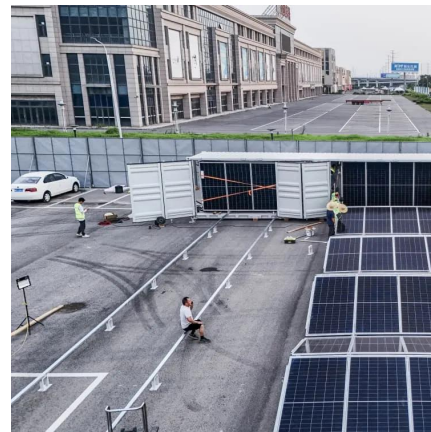
"In Timor-Leste, most people live in rural areas and rely on diesel for electricity, with access often cut-off due to natural disasters, low infrastructure quality and material aging.

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### **Timor Leste Residential Energy Storage System Market (2025 ...**

Timor Leste Residential Energy Storage System Top Companies Market Share Timor Leste Residential Energy Storage System Competitive Benchmarking By Technical and Operational ...

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### **Expression of Interest Consultancy Services (Technical Assistant**

This initiative is part of Timor-Leste's efforts to expand energy access and transition to renewable energy, with a focus on delivering solar power and battery energy storage ...

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### [Timor-leste energy storage battery contract](#)

Electricidade de Timor-Leste Empresa P&#250;blica (EDTL, E.P.), Timor-Leste's State-Owned Company in Electricity and Energy Sector, is seeking to award a power purchase



agreement ...

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### Timor Leste Advanced Battery Energy Storage System Market ...

Historical Data and Forecast of Timor Leste Advanced Battery Energy Storage System Market Revenues & Volume By Energy Capacity for the Period 2020- 2030 Historical Data and ...

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### [Top utility scale battery storage companies Timor-Leste](#)

In this week's Top 10, Energy Digital takes a deep dive into energy storage and profile the world's leading companies in this space who are leading the charge towards a more sustainable ...

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### [Timor Leste Thermal Energy Storage Market \(2024\)](#)

Historical Data and Forecast of Timor Leste Thermal Energy Storage Market Revenues & Volume By Solar Energy Storage for the Period 2020- 2030 Historical Data and Forecast of Timor ...

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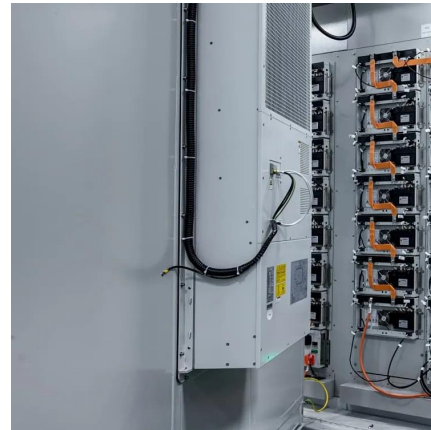




### [Timor-Leste energy storage module production company](#)

The listing makes the California-headquartered company "the first pure-play smart energy storage company to go public in the US," Stem director and Star Peak chairman Michael Morgan said.

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### **Energy Storage Solutions in Timor-Leste Powering a Sustainable ...**

This article explores how modern battery systems and solar integration can stabilize power supply, reduce costs, and support the nation's green transition. Learn why companies like EK ...

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### **Signing of Power Purchase Agreement (PPA) for Solar and ...**

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 ...

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### [Timor Leste Residential Energy Storage Market \(2024-2030\)](#)

Timor Leste Residential Energy Storage Top Companies Market Share Timor Leste Residential Energy Storage Competitive Benchmarking By Technical and Operational Parameters

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### Timor Leste Molten Salt Thermal Energy Storage Market (2024 ...

Historical Data and Forecast of Timor Leste Molten Salt Thermal Energy Storage Market Revenues & Volume By Fresnel Reflector for the Period 2020- 2030 Historical Data and ...

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### Unsdg , Solar-powered UN House lights the way for a greener ...

The UN 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.

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