

## SolarMax Energy Systems

# Timor-Leste Industrial and Commercial Energy Storage Project



## 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.

Will Timor-Leste's first solar power project integrate with a battery energy storage system?

In a landmark moment for Timor-Leste's energy future, a Power Purchase Agreement (PPA) has been officially signed for the country's first-ever solar power project integrated with a Battery Energy Storage System (BESS).

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.

Why is solar energy maintenance important in Timor-Leste?

Maintenance tends to be limited to repairing malfunctioning system components, instead of preventative care or servicing, which can reduce the effectiveness of solar energy systems and increase costs. Technicians in Timor-Leste have experience in small-scale, off-grid solar energy systems.

What is energy security in Timor-Leste?

1 Energy security is "uninterrupted availability of energy sources at an affordable price"; International Energy Agency. The average payback period for a rooftop PV solar energy system in Timor-Leste is 2.5 years. This is much lower than the global average of 6 to 10 years, due to solar resource and

electricity costs:.

How long does a solar system last in Timor-Leste?

High electricity costs and readily available solar radiation mean that the average payback period for a rooftop photovoltaic (PV) solar energy system in Timor-Leste is only 1.5 to 3 years instead of the global average of 6-10 years. Transitioning to solar can also help the country meet environmental commitments.

## Timor-Leste Industrial and Commercial Energy Storage Project

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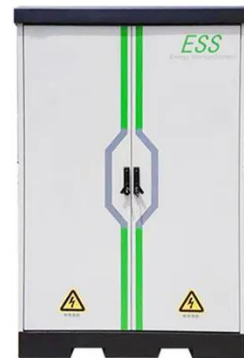
### Timor-leste lithium ion battery energy storage

The initial 50MW/100MWh phase of this ambitious 100MW/200MWh project, in China's Hubei Province, has been successfully connected to the grid and commenced commercial ...

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### Timor-Leste and Australia strengthen bilateral ties and commit to ...

It highlights the shared vision of Timor-Leste and Australia in promoting sustainable energy solutions and economic development and strengthening bilateral relations between the two ...



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### Greensolarenergy me Timor-Leste

Timor-Leste has a high-quality solar resource. The global horizontal irradiance in Dili is higher than on the east coast of Australia, where the solar market is mature and installation costs are ...

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## Timor-Leste Water Supply and Sanitation Project

1 INTRODUCTION The universal and equitable access to a drinking water supply system for all citizens of Timor-Leste has long been national priority. The National Strategic Development ...

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## List of Upcoming Grid-scale/Utility Scale Energy Storage System ...

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## DLA Piper Advises EDTL on First Solar and Battery Storage PPA ...

This landmark project included drafting and negotiating a power purchase agreement (PPA) and an implementation agreement with the Ministry of Finance, marking a ...

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## Timor-Leste lithium battery energy storage project

The other project, the Seli Project, will have 309MW of solar PV capacity and an integrated lithium-ion battery energy storage system (BESS). This project aims to optimise electricity ...



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## Santos Again Discusses Bayu-Undan Carbon Capture and Storage Project

José Lobato presented Santos's interest in a significant new venture: a Carbon Capture and Storage (CCS) project--an innovative proposal that could align with global ...

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## DLA Piper Advises EDTL on First Solar and Battery Storage PPA in Timor

This landmark project included drafting and negotiating a power purchase agreement (PPA) and an implementation agreement with the Ministry of Finance, marking a ...

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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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## Powering Timor-Leste's future with its first solar plant and BESS

The landmark project includes drafting and negotiating a power purchase agreement (PPA) and an implementation agreement with the Ministry of Finance, marking a ...

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## Timor-Leste signs first solar power project with BESS

In a landmark moment for Timor-Leste's





energy future, a Power Purchase Agreement (PPA) has been officially signed for the country's first-ever solar power project integrated with a

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## Timor-leste energy storage battery contract

8 Timor-Leste: Key Issues in Rural Energy Policy maintenance fee of about \$3 (for battery replacement and Timor-Leste does not yet have an environment that would similar needs) ...



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## Timor-Leste micro grid energy storage

-scale, off-grid solar energy systems. Commercial or industrial scale installations are more complex and app Is Timor-Leste a good country for solar energy? te has a high-quality solar ...

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

...

The visit provided an opportunity to



directly observe the installation of a hybrid photovoltaic (solar) system - a critical development designed to ensure reliable, round-the ...

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## 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 ...

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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 Industrial and Commercial Energy Storage Project ...

A 10MW / 20MWh battery energy storage

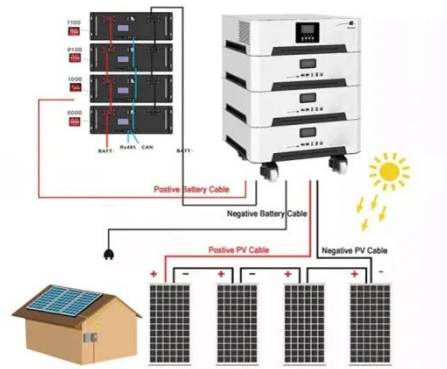


project in Belgium has achieved financial close and is expected to begin construction shortly, the consortium behind the project has said.

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## Power Sector Development Plan for Timor-Leste

Indications are that there are insufficient biomass reserves in Timor-Leste to allow commercial utilization as energy sources. Coal- /oil-fired steam power generation, offshore gas and ...



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## Creating A Utility Scale Solar IPP Project in Timor-Leste

EDTL has invited, through an international public tender, proposals for the development of the Project by independent power producer ("IPP"). Once selected, the IPP is expected to ...

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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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