



Timor-Leste Lead Carbon Energy Storage Power Generation Project

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).

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.

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.

What will Timor-Leste's energy policy look like in 2021?

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. Under the current policies, GHG emission from the energy sector are expected to drop by 30% by 2030, compared to the BAU level.

Does Timor-Leste rely on imported diesel fuel?

Currently, Timor-Leste relies almost entirely on imported diesel fuel for its power generation, which poses significant challenges in terms of fiscal burden and greenhouse gas emissions.

Euan Marshall, Director of IFC, emphasised that the CCS project, associated with the closure of the Bayu-Undan gas field, represents an innovative and lucrative opportunity for Timor-Leste ...

Over a gigawatt of bids from battery storage project developers have been successful in the first-ever competitive auctions for low-carbon energy capacity held in Japan. A total 1.67GW of ...



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He also said that this project is exciting, given that Timor-Leste is preparing to lead CCS technology and the corresponding market in the region. Minister Francisco da Costa Monteiro ...

The project began with consultations with the Ministry of Foreign Affairs and Trade (MFAT) and the Government of Timor-Leste (GoTL) to clarify objectives and collect essential data. The ...

Our state-of-the-art energy storage solutions, including high-efficiency battery cabinets and scalable containerized systems, provide reliable and sustainable power for diverse ...

History Historically, Timor-Leste has not made significant strides in low-carbon electricity generation. Since the early 2000s, the country has recorded 0 kWh/person in low-carbon ...

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This project represents Timor-Leste's first step toward a renewable energy future, modernising the electricity sector while improving reliability and reducing costs nationwide. ...

The project will reduce reliance on costly diesel generation, cut electricity costs, and bring reliable power to underserved rural areas. This improved access will support ...

This meeting represents a positive step in regional cooperation. It highlights the shared vision of Timor-Leste and Australia in promoting sustainable energy solutions and economic ...

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 ...

This study report presents the results of a 20-year power sector development plan for Timor-Leste (East Timor). This study is the first of its kind, and establishes the basis for future development ...

Power generation in the SDG scenario 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 ...

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