

East Timor Solar Photovoltaic Panel Project





Overview

The landmark project includes drafting and negotiating a power purchase agreement (PPA) and an implementation agreement with the Ministry of Finance, marking a significant step in Timor-Leste's transition to renewable energy and modernising its electricity infrastructure. What is a photovoltaic project in Timor-Leste?

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 installation.

Can Timor-Leste generate solar energy?

As almost the whole territory of Timor-Leste has the potential to successfully generate solar energy, the Government is keen to tap into this potential to setup utility scale solar plants as well as off-grid lighting solutions for remote localities.

Does Timor-Leste need a roof-top solar energy system?

In addition, most of Timor-Leste's electricity is generated through costly and polluting diesel generators. Australia's Market Development Facility (MDF) and ITP Renewables conducted an assessment of the potential market for roof-top solar energy systems in Timor-Leste.

Who bids for solar IPP project in Timor-Leste?

For Timor-Leste, bidders are typically from legacy countries such as Indonesia, Portugal and People's Republic of China. For the Solar IPP project, Government of Timor-Leste represented by the Ministry of Finance has provided backstop guarantee for EDTL obligations under the Implementation Agreement.

Will Timor-Leste replace oil imports with solar power?

More than 75% of oil imports in Timor-Leste are used for electricity production



across the country and around 90% of the sector's operating costs are fuel costs associated with power generation. The Government of Timor-Leste intends to replace part of this high-cost generation by more cost-efficient solar power.

Why is Timor-Leste not able to finance solar panels?

MDF research found that lenders in Timor-Leste are unwilling to lend to small and medium sized enterprises due to levels of default, perceived risks, and the difficulty of securing collateral. Evaluate the upfront costs of installing solar panels versus long-term savings. Consider financing options to determine overall economic viability.



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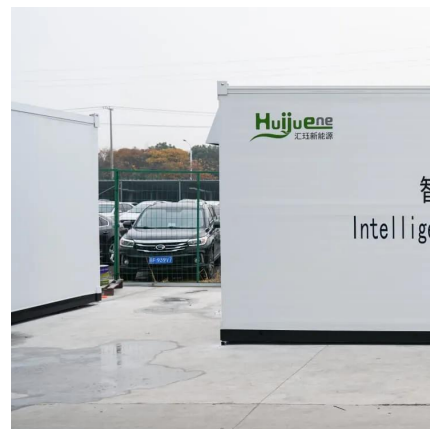


[\(AP3F059-PP021\) Project Definition and Project Preparation ...](#)

The project is expected to comprise of a utility scale photovoltaic (PV) solar power plant of up to 100 megawatt (MW) and supporting infrastructure. A Battery Energy Storage System (BESS) ...

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One of the key components of this initiative is the installation of solar panels in selected villages. Each solar panel system will provide four lights for households, along with a charging port for ...



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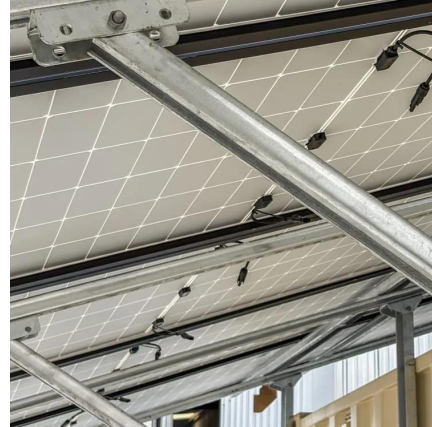
2 days ago· The solar electrification program is a cornerstone of this strategy and is anticipated to be instrumental in achieving this ambitious goal. The ADB has consistently supported Timor ...

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Summary: East Timor's renewable energy sector is witnessing rapid growth, with photovoltaic solar panels emerging as a key solution for rural



electrification and sustainable development. ...



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