



# Timor-Leste solar power station energy storage investment

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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.

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:

According to the ADB, the project involves the design, construction, maintenance, and operation of a 73.7 MWac grid-connected solar photovoltaic (PV) power plant, an 80.2 MWh Battery Energy Storage ...

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 hour battery ...

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DLA Piper advised Eletricidade de Timor-Leste on its first utility-scale solar PV and battery storage project



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Timor-Leste offers a compelling opportunity to invest in solar energy Timor-Leste has rapidly expanded electricity access to more than 83 per cent of the population but the country has yet to achieve ...

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 ...

Our team travelled to Timor-Leste in 2022 and 2023 to carry out early investigations at three potential sites for the solar-battery development, as well as inspecting three substations, the national dispatch centre and the ...

Provides information about [Signing of Power Purchase Agreement (PPA) for Solar and Battery Hybrid IPP Project in Timor-Leste]. ITOCHU, one of the leading sogo shosha, is engaging in domestic ...

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