

# How much does the East Timor power storage system cost

Source: <https://www.gaeconsultants.co.za/Tue-11-Oct-2022-15647.html>

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Generated on: 2026-04-20 16:06:21

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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.

How much does electricity cost in Timor-Leste?

The cost of electricity in Timor-Leste for commercial and industrial consumers is high compared to ASEAN countries. For instance, in Indonesia industrial electricity tariffs are 0.11 USD/kWh, compared to 0.24 USD/kWh in Timor-Leste.

What is energy security in Timor-Leste?

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:

Why should Timor-Leste invest in solar & storage infrastructure?

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". de Ponte was supported by special counsel Marnie Calli, senior associate Lisa Huynh and solicitor Jeraldine Mow.

DLA Piper advised Eletricidade de Timor-Leste on a PPA to develop Timor-Leste's first solar PV power plant and battery energy ...

Which outdoor energy storage power supply in East Timor has the best cost performance. East Timor consumes 125 GWh of electricity per annum, an average of 95 kWh per person.

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Major commercial projects now deploy clusters of 15+ systems creating storage networks with 80+MWh capacity at costs below \$270/kWh for large-scale industrial applications.

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Indeed, sources told Energy Voice that Santos is discussing paying East Timor a yearly storage fee of \$20 million in relation to the CCS hub. But neither the ANPM nor Santos have publicly ...

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