



# Load shifting east timor





## Overview

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East Timor, a small country in Southeast Asia, is struggling to overcome its heavy dependence on diesel despite significant commitments to renewable energy. Although the government has promised to promote wind, solar, and hydropower, the transition remains slow. DILI, Timor-Leste - December 4, 2025 —Timor-Leste is pursuing a strategic dual-track energy policy: aggressively moving forward with the development of its Greater Sunrise gas reserves while simultaneously allocating substantial funds to catalyze a clean energy transition. The latest General State. 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. The transition to renewable energies in East Timor is still hesitant despite government commitments in a country dependent on diesel. JAKARTA, Indonesia--East Timor is at an energy development crossroads. While the small Southeast Asian nation — and one of the world's youngest countries — has made international and domestic pledges to reduce its carbon footprint through untapped solar and other renewable energy potential, it. Map of Timor-Leste with photovoltaic potential shaded; as can be seen, it is very high, especially near the coast. Timor-Leste consumes 125 GWh of electricity per annum, an average of 95 kWh per person. Most of. Oil and gas production decreased from 41 million barrels of oil equivalent in 2017 to 38 million barrels in 2018. 3 With petroleum revenue expected to decline by 2023, the government.



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### **In diesel-dependent East Timor, renewable energy transition remains**

The small Southeast Asian nation of East Timor is at an energy development crossroads. The country has made international and domestic pledges to reduce its carbon footprint through untapped solar ...

### In diesel-dependent East Timor, renewable energy ...

The small Southeast Asian nation of East Timor is at an energy ...



### EAST TIMOR ENERGY STORAGE FOR LOAD SHIFTING

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 ...

### **East Timor president says improved trust to drive long-stalled gas**

Jose Ramos-Horta said trust between the nations had improved following past tensions, marking a shift from Dili's previous criticism of Canberra and Woodside over delays to the project.



## Electrification in post-conflict Timor-Leste: Opportunities for energy

Timor-Leste, in Southeast Asia, emerged from decades of conflict in the late 20th century to become an independent nation in 2002. A key focus for the new nation has been to improve ...

## Energy in Timor-Leste

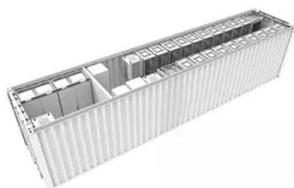
Timor-Leste consumes 125 GWh of electricity per annum, an average of 95 kWh per person. [1] The country has about 270 MW of electricity capacity, 119 MW in the city of Hera.



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## Power Distribution Modernization Project: Sector Assessment ...

Peak load increased from 73 MW in July 2019 to 90 MW in March 2021. Electricity supply continues to face substantial challenges, especially in the distribution system, which puts these accomplishments ...

## (PDF) Electrification in post-conflict



## Timor-Leste: Opportunities for

Regarding its current energy condition, Timor-Leste has managed to increase its electricity access from 7.7% in 2002 to 100% in 2021, where up to 200.000 households have access to electricity.



## Timor-Leste Balances Oil Ambition with \$138.5M Renewable Energy Shift

Climate Diplomacy: Timor-Leste's special envoy for Climate Affairs, Adao Soares Barbosa, emphasized at COP30 that the nation has the "right to development" and will utilize its oil ...

## East Timor: Slow green revolution facing dependence on diesel

Find out how East Timor is slowly moving towards renewable energy despite its heavy reliance on diesel. This in-depth analysis explores the government's commitments and challenges to ...



## In diesel-dependent East Timor, renewable energy transition remains

Recovery was slow after East Timor gained formal independence in 2002. By 2015, just 60% of the population had access to electricity, according to the World Bank.





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