

## European Solar and Energy Storage Solutions

# Timor-Leste fase energy



## Overview

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How much electricity does East Timor use?

East Timor consumes 125 GWh of electricity per annum, an average of 95 kWh per person. The country has about 270 MW of electricity capacity, 119 MW in the city of Hera. Most of the energy infrastructure was destroyed by the Indonesian militias during the 1999 East Timorese crisis.

Does Timor-Leste have electricity?

Timor-Leste has rapidly expanded electricity access to more than 83 per cent of the population but the country has yet to achieve energy security.<sup>1</sup> Consumer costs, even with government subsidy, remain high and outages are common. In addition, most of Timor-Leste's electricity is generated through costly and polluting diesel generators.

Does East Timor have photovoltaic potential?

Map of East Timor with photovoltaic potential shaded; as can be seen, it is very high, especially near the coast. East Timor consumes 125 GWh of electricity per annum, an average of 95 kWh per person. The country has about 270 MW of electricity capacity, 119 MW in the city of Hera.

How much energy does Timor-Leste consume?

Timor-Leste produced 0.29 quadrillion BTU (293,968,074,000 BTU) of energy, covering 3,412% of its annual energy consumption needs. Energy production and consumption in Timor-Leste comes from various sources: 0.003% from nuclear and renewable sources and 99.997% from non-renewable fossil fuel sources (petroleum and other liquids, natural gas, and coal).

Why did Timor-Leste lose electricity?

Most of the energy infrastructure that existed when Timor-Leste was part of Indonesia was destroyed during the violent outbreaks of 1999. At the time of independence in 2002, electricity access was estimated to be just 24 % of the population .

Is biomass a source of electricity in East Timor?

Traditional biomass – the burning of charcoal, crop waste, and other organic matter – is not included. This can be an important source in lower-income settings. East Timor: How much of the country's electricity comes from nuclear power?

Nuclear power – alongside renewables – is a low-carbon source of electricity.

## Timor-Leste fase energy

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

Based on this World Bank data, universal access to modern forms of energy, a 2030 target of both Timor-Leste's Strategic Development Plan [45] and SDG 7, seems to have been achieved. However, the resultant provision of energy services appears less promising.

### Working together to reduce energy poverty in Timor-Leste with

Working together to reduce energy poverty in Timor-Leste with environmentally sustainable community-based economic development: A transnational developmental social work approach. Scheiner C. (2016) Consequences of Timor-lestes Dependency on Oil and Gas, Timor-lestes: Development Issues and International Relations. Adelaide, SA, Australia



### Timor-Leste

operators involved in the energy sector in Timor-Leste. The purpose of this report is to assist the government of Timor-Leste, in particular the office of the Secretary of State for Energy Policy, to develop policies in key areas that would guide planning of the subsequent phase of its ongoing rural energy programs. The selected key areas in

## SECTOR ASSESSMENT (SUMMARY): ENERGY A. Sector Road ...

Republic of Timor-Leste on Electricity System Strengthening and Sustainability Program. Manila. 2 Multi-stakeholders Working Group. 2018. EITI Timor-Leste 2018 Reconciliation Report. Oslo. 3 World Bank. 2020. Timor-Leste Economic Report, April 2020: A Nation Under Pressure. Washington, DC. 4 Government of Timor-Leste. 2018.



### Timor Leste

Energy access Policies and plans Timor Leste - Global Electrification Platform (GEP) Last Updated: September 8, 2021 Countries: Timor-Leste Views: 174. The Global Electrification Platform (GEP) is a multi-phase project led by the World Bank to standardize and simplify the use of geospatial tools for least-cost electrification planning.

### Timor-Leste approves Chuditch PSC extension ahead of

The Timor-Leste national authority Autoridade Nacional do Petróleo e Minerais (ANPM) granted the extension to Contract Year Two until Dec. 18, 2023. SundaGas Banda Unipessoal requested the additional time to cover preparations prior to entering the drilling phase in Contract Year Three, where the commitment is one appraisal well on the



### Timor-Leste Energy Statistics

Timor-Leste consumed 8,615,000,000 BTU (0.01 quadrillion BTU) of energy in 2017. This represents 0.00% of global energy consumption.



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## Energy in East Timor

Betano Power Station, powered by imported fuel oil Map of East Timor with photovoltaic potential shaded; as can be seen, it is very high, especially near the coast.. East Timor 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. Most of the energy infrastructure was ...



## Timor-Leste

1. Timor-Leste's achievements as the newest country in Asia are underpinned by its commitment to reconciliation, inclusion and democracy. Emerging from Portuguese colonial administration and Indonesian occupation, the nation restored independence in 2002, amid a state of ruins where basic services and institutions were burnt to ashes.

## Program « Government of Timor-Leste

The official Timor-Leste government website. 1. REAFFIRMING THE DEMOCRATIC RULE OF LAW. After these last six years, from 2017 to 2023, revealing the total inefficiency of the 7th and 8th Governments, multiple efforts are urgently needed to correct the irregularities committed

during this long period of stagnation, where a systematic violation of the rules of good ...



## ENERGY PROFILE Timor-Leste

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

## East Timor: Energy Country Profile

East Timor: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key metrics on this topic.



## Ministério da Educação irá avançar com segunda fase de testes ...

Ministério da Educação irá avançar com segunda fase de testes para a Bolsa de Candidatos a Professores para promover a qualidade do ensino nacional. a Ministra da Educação salientou que o Governo está empenhado em promover a qualidade do ensino em Timor-Leste, sendo esta

uma prioridade do Programa do IX Governo Constitucional e um

## As farm-out talks continue, UK player gets short-term

Back in November 2019, the government of Timor Leste signed a production sharing contract with Sunda Gas and Timor Gap for a block containing the Chuditch discovery. The TL-SO-19-16 license is situated in the south of the former joint petroleum development area with Australia which has transitioned to Timor-Leste exclusive jurisdiction



## Timor-Leste: Energy System Overview

GOAL: to promote an understanding, on a global scale, of the dynamics of change in energy systems, quantify emissions and their impacts, and accelerate the transition to carbon-neutral, environmentally benign energy systems while providing affordable energy to all.

## Energy in East Timor

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## Timor-Leste invests on Renewable Energies

The study was concluded on the 29 May and analysed several sources available in our national territory, such as wind, hydro, biomass and solar energy. The result was promising, as explained by the Secretary of State for Energy Policy, Avelino Coelho: "the study shows that Timor-Leste possess a strong potential in the renewable energies area.



## Going Green

Timor-Leste has rapidly expanded electricity access to more than 83 per cent of the population but the country has yet to achieve energy security.<sup>1</sup> Consumer costs, even with government subsidy, remain high and outages are common. In addition, most of Timor-Leste's electricity is generated through costly and polluting diesel generators.



## Timor-Leste Energy Summit 2025

Join the fifth edition of Timor Leste's official energy. Mining, local content platform and meet high-level government authorities, energy and mining companies and major investors. The official Summit of the country is organised by the IN-VR and will take place in Dili, Timor-Leste.

## Timor Leste

Energy access Policies and plans Timor Leste - Global Electrification Platform (GEP) Timor-Leste Views: The Global Electrification Platform (GEP) is a multi-phase project led by the World Bank to standardize and simplify the use of geospatial tools for least-cost electrification planning. The GEP provides a high-level overview of the



## ENERGY PROFILE Timor-Leste

Primary energy trade 2016 2021 Imports (TJ) 7 280 8 593 Exports (TJ) 308 936 205 040 Net trade (TJ) 301 656 196 447 Imports (% of supply) 91 94 Exports (% of production) 100 100 Energy self-sufficiency (%) 3858 2257 Timor-Leste COUNTRY INDICATORS AND SDGS TOTAL ENERGY SUPPLY (TES) Total energy supply in 2021 Renewable energy supply in 2021 93%

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