

## European Solar and Energy Storage Solutions

# Turks and Caicos Islands energy



## Overview

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Who provides electricity in Turks and Caicos?

Together, both companies provide electric power in Turks and Caicos to over 15,000 customers and are regarded as one of the most reliable electricity providers in the Caribbean. FortisTCl offers customized energy audits to help customers achieve greater energy efficiency and savings.

Who owns Turks & Caicos utility limited (TCU)?

Turks & Caicos Utility Limited (TCU) is wholly owned by FortisTCl and provides electricity to Grand Turk and Salt Cay. In 2010, the government of Turks and Caicos contracted with a consultant to draft recommendations for exploring the use of renewable energy and energy efficiency technologies to create a more sustainable energy framework.

Does Turks and Caicos have a policy on energy efficiency?

Turks and Caicos has few policies related to energy efficiency and renewable energy. Historically, the territory has not implemented policy mechanisms to aid in the development of clean and energy-efficient technologies.

How much does electricity cost in Turks and Caicos?

The 2015 electricity rates in Turks and Caicos are \$0.29 per kilowatt-hour (kWh), slightly below the Caribbean regional average of \$0.33/kWh. Like many island nations, Turks and Caicos is almost 100% reliant on imported fossil fuel, leaving it vulnerable to global oil price fluctuations that have a direct impact on the cost of electricity.

Could ocean thermal energy help Turks and Caicos meet its peak demand?

Once wave and ocean thermal technologies are proven in the marketplace, ocean energy and ocean thermal energy conversion have potential as well. Abundant wind and solar resources, as well as the potential for other renewable sources could help Turks and Caicos meet or exceed its peak

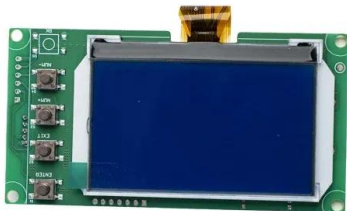
demand of 34.7 MW.

Who owns Turks & Caicos electric grid?

The government-owned Turks and Caicos electric grid was privatized in 2006 through a series of acquisitions to create a vertically integrated structure. FortisTCI, a wholly owned subsidiary for Fortis Inc., is an international utility holding company that owns and operates generating stations and distribution lines across the islands.

## Turks and Caicos Islands energy

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### Energy and Utilities Department

Providenciales, Turks and Caicos Islands October 29th 2024 - Over the past few weeks, Commissioner Delano R. Arthur of the Turks and Caicos Islands' (TCI) Energy and Utilities Department (EUD) hosted a series of public engagement sessions to inform a

### Turks & Caicos

Turks & Caicos U.S. Department of Energy Energy Snapshot Population Size 41,369 Total Area Size 950 Sq.Kilometers Total GDP \$1.022 Billion Gross National Income (GNI) Per Capita \$24,580 Share of GDP Spent on Imports 47% Fuel Imports 8.5% Urban Population Percentage 94% Population and Economy



### Turks and Caicos Islands Natural Resources

Turks and Caicos Islands electricity, natural gas, oil, energy and natural resources provided. CountryReports - Your World Discovered! Turks and Caicos Islands Overview People Government - Politics Geography Environment & Climate Economy

### ENERGY PROFILE Turks and Caicos Islands

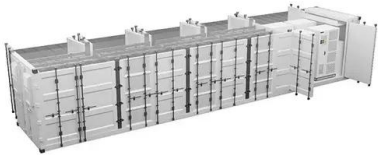
developing areas. Energy self-sufficiency has

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



## Turks and Caicos Islands: Energy Country Profile

Turks and Caicos Islands: 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.



## Turks and Caicos Power Supply & Electricity Utility Company

FortisTCI Limited, a subsidiary of Fortis Inc., provides electricity throughout the Turks and Caicos Islands, serving Providenciales, North Caicos, Middle Caicos, South Caicos, East Caicos, and adjacent Cays. Turks and Caicos Utility Limited serves the Islands of Grand Turk and Salt Cay and was acquired by FortisTCI in 2012. Together, both



## Islands Energy Program

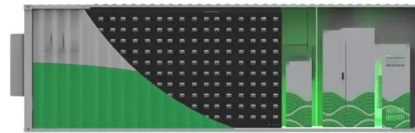
Supported the first renewable energy projects in The Bahamas, Montserrat, Saint Lucia, Anguilla, Barbuda, the British Virgin Islands, and the Turks and Caicos Islands. Assisted Bermuda with electrifying a third of their public bus system,

with the goal of 100 percent electrification by 2030.



## Turks & Caicos

This document was developed by the National Renewable Energy Laboratory with support provided by the Caribbean Center for Renewable Energy and Energy Efficiency. The information included in this document is for general information purposes only.



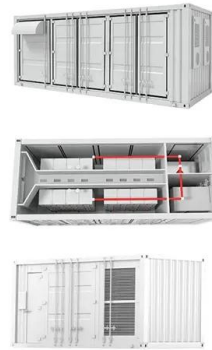
## Turks and Caicos Islands Introduces Ambitious Renewable Energy

Providenciales, 06 November 2023 - The Turks and Caicos Islands (TCI) are taking a significant step towards a greener, cleaner, and more sustainable future with the introduction of the groundbreaking Renewable Energy and Resource Planning Bill 2023. After an extensive period of public consultation, the government is unveiling a comprehensive Legislation that is aimed at [...]

## TURKS AND CAICOS

The Turks and Caicos Islands Vision 2040 seeks to be a guiding tool for the country's development with long-term strategies to provide a high quality of life for its citizens.  
POLICIES RELEVANT TO THE ENERGY SECTOR

2019 1985 The Turks and Caicos Islands Resilient National Energy Transition Strategy Electricity Ordinance YEAR Energy Policy and



## About

Turks & Caicos Energy Forum. Turks and Caicos Energy Forum brings together local, regional, and international energy experts, public and private sector decision-makers, and a wide cross-section of stakeholders, to discuss ideas and trends affecting the future of energy. The forum is hosted by FortisTCL, the public energy provider in the Turks

## Energy and Utilities Commissioner (EUC) Releases Report from

The Energy and Utilities Commissioner (EUC) of the Turks and Caicos Islands has published the Independent Consultant's Report on the Renewable Energy and Resource Planning Bill 2023 (RERP Bill). The Report represents a pivotal analysis and review of the proposed legislation, which aims to shape the energy future of the Turks and Caicos



## Turks and Caicos Islands Introduces Ambitious Renewable Energy

The new Renewable Energy and Resource



Planning Bill 2023 encompasses a wide range of objectives, all designed to contribute to a brighter future for the Turks and Caicos Islands: Transition to Clean Energy Sources: The Legislation aims to achieve a substantial reduction in the reliance on fossil fuels by increasing the share of renewable energy

## Solar Energy in the Turks and Caicos Islands (TCI) , Green ...

Fortis TCI is the main power utility in the Turks and Caicos Islands. It is a privately owned company and services all of the inhabited islands within the Turks and Caicos Island chain. The Fortis TCI grid is extremely reliable and often maintains power supplies through the duration of major hurricanes.



## Smart Solar LTD Home

Make the Smart Switch: Go Solar Invest in Solar Panels Today for a Cost Effective and Greener Tomorrow Smart Solar LTD delivers advanced, money-saving solar energy solutions to the Turks and Caicos, and the Caribbean region contact us "We are now producing half our power usage and could do more if we chose to add [...]"

## Energy Snapshot Turks and Caicos

Energy Snapshot Turks and Caicos This profile provides a snapshot of the energy landscape of the Turks and Caicos--a British overseas territory consisting of two groups of islands located southeast of the Bahamas. The 2015 electricity rates in Turks and Caicos are \$0.29 per kilowatt-

hour (kWh), slightly below



## ENERGY PROFILE Turks and Caicos Islands

ENERGY PROFILE Total Energy Supply (TES) 2016 2021 Non-renewable (TJ) 4 723 5 275 Turks and Caicos Islands 99% 1% Oil Gas Nuclear Coal + others Renewables 55% 45% Hydro/marine Wind Solar Bioenergy Geothermal 100% 1% 0% 0% 20% 40% 60% 80% Turks Caicos Distribution of solar potential Distribution of wind potential

## ENERGY PROFILE Turks and Caicos Islands

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



## Turks and Caicos Power Supplier

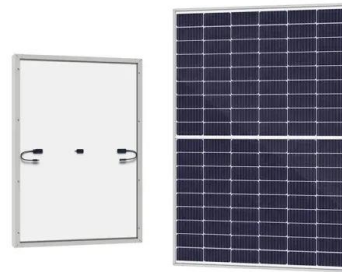
Turks and Caicos Utility Limited serves the Islands of Grand Turk and Salt Cay and was acquired by FortisTCl in 2012. Together, both companies serve over 15,000 customers and are regarded as one of the most reliable electricity



providers in the Caribbean. An award-winning and sustainable power company in Turks and Caicos, FortisTCI received the

## 2022 Energy Report Card - Turks and Caicos Islands

The 2022 Energy Report Card for the Turks and Caicos Islands provides an overview of energy sector performance and includes energy efficiency, projects, technical assistance, workforce, training and capacity building information, subject to the availability of data. Click to view: [2022 Energy Report Card - Turks and Caicos](#)



## Turks and Caicos Islands to gain greater renewable energy

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New partnership to advance a regulatory framework, utility-scale energy storage, electric vehicle integration, and the promotion of energy efficiency. Providenciales, Turks and Caicos Islands - On Wednesday, October 23, following Cabinet's approval, the Government of the Turks and Caicos Islands, FortisTCI - the islands' utility

## Contact Us

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