

Population and Economy

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%**

Electricity Sector Overview

Installed Capacity **87 MW**

RE Installed Capacity Share **1.2%**

Peak Demand **35.7 MW**

Total Generation **236.5 GWh**

Transmission and Distribution Losses **5.6%**

Electricity Access **100%** (Total Population)

Average Electricity Rates (USD/kWh)

Fuel Adjustment Charge of \$0.1298 per kWh is in addition to rates listed below.

Residential **\$0.26**

Commercial **\$0.27**

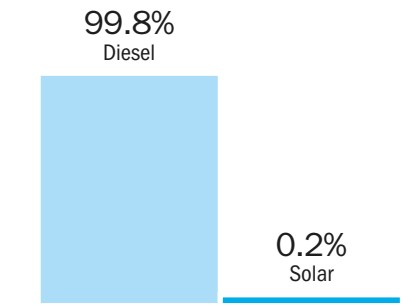
Large Hotels **\$0.22**

Pine Cay **\$0.25**

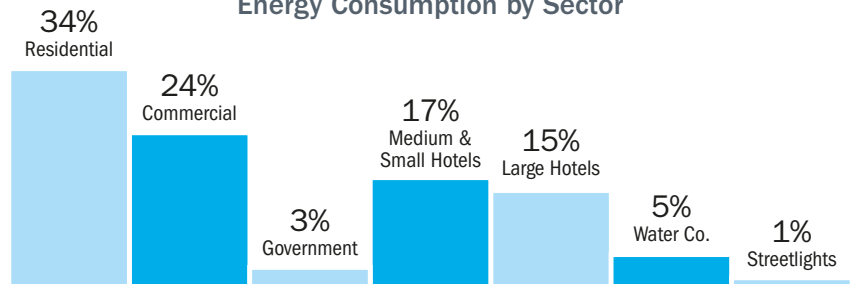
Medium Hotels **\$0.25**

Government Facilities **\$0.27**

Generation Mix



Energy Consumption by Sector



Renewable Energy Status


Solar



1 MW

Targets

Renewable Energy Generation

 **33%** by 2040

Existing Policy and Regulatory Framework

<https://fliphtml5.com/pejq/sccs/basic>

Renewable Energy

Feed-in Tariff
Net Billing ●
Interconnection Standards ●
Energy Access (Electrification Rate)
Renewables Portfolio Standard and Quotas for Set Asides
Tax Credits
Tax Reduction or Exemption ●
Public Loans or Grants
Auctions or Reverse Auctions
Green Public Procurement
Energy Storage
Public Demonstration

Energy Efficiency

Energy Efficiency Standards
Tax Credits
Tax Reduction or Exemption ●
Public Demonstration
Restrictions on Incandescent Bulbs ●
Appliance Labeling Standards
Minimum Energy Performance Standards
Building Codes ●
Green Building Certification Program
EE Loan Program
Rebates

Targets

Renewable Energy
Energy Efficiency
Transportation

● In Place ○ Proposed



Government and Utility

Government Institution for Energy

Ministry of Home Affairs, Transportation and Communication - Energy & Utilities Department

<https://www.gov.tc/ministry-of-home-affairs-transportation-communication>

Regulatory Entities

Energy & Utilities Commissioner, Governor

<https://www.gov.tc/ministry-of-infrastructure-housing-and-planning/>

Utility(s)

FortisTCI Ltd. (Private)

<https://www.fortistci.com>



Energy Security and Resilience

Energy Resilience Plan

Turks & Caicos Islands Resilient National Energy Transition Strategy (R-NETS)

https://rmi.org/wp-content/uploads/2019/03/TCI_RNETS_ExecutiveSummary.pdf

National Response Framework

TCI National Post Hurricane Recovery Plan

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. While reasonable attempts were made to provide accurate data, this document was prepared using data from multiple sources, including public sources.