**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: $0.1298 per kWh
- Residential: $0.26
- Commercial: $0.27
- Large Hotels: $0.22
- Pine Cay: $0.25
- Medium Hotels: $0.25
- Government Facilities: $0.27

**Generation Mix**

- Diesel: 99.8%
- Solar: 0.2%

**Energy Consumption by Sector**

- Residential: 34%
- Commercial: 24%
- Government: 3%
- Large Hotels: 15%
- Medium & Small Hotels: 17%
- Water Co.: 5%
- Streetlights: 1%

**Renewable Energy Status**

- Solar: 1 MW

**Targets**

- Renewable Energy Generation: 33% by 2040
### Government and Utility

**Government Institution for Energy**

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

**Regulatory Entities**

Energy & Utilities Commissioner, Governor  

**Utility(s)**

FortisTCI Ltd. (Private)  
[https://www.fortistci.com](https://www.fortistci.com)

### Energy Security and Resilience

**Energy Resilience Plan**

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

**National Response Framework**

TCI National Post Hurricane Recovery Plan

### Existing Policy and Regulatory Framework

**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

---

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.