

Population and Economy

Population Size **1.39 Million**

Total Area Size **5,128 Sq. Kilometers**

Total GDP **\$23.8 Billion**

Gross National Income (GNI) Per Capita **\$15,950**

Share of GDP Spent on Imports **51%** Fuel Imports **4.7%**

Urban Population Percentage **53.2%**

Electricity Sector Overview

Installed Capacity **2,114 MW**

RE Installed Capacity Share **0%**

Peak Demand (2020) **1,360 MW**

Total Generation (2018) **9,324 GWh**

Transmission and Distribution Losses **8%**

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

Average Electricity Rates (USD/kWh)

Residential **\$0.05**

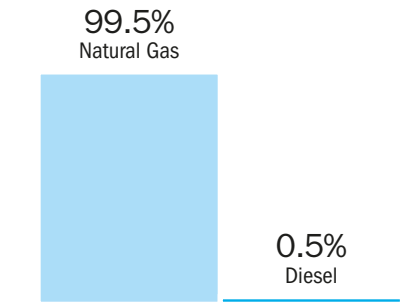
Commercial **\$0.06**

Industrial **\$0.03**

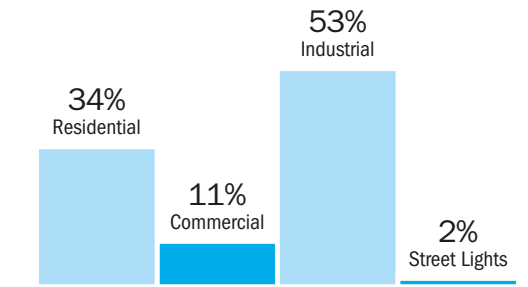
+ \$7.40 kVA maximum demand charge

Street Lighting **\$84/year**

Electricity Generation Mix



Electricity Consumption by Sector



Renewable Energy Status

Solar



0.0044 MW

Targets

Renewable Electricity Production

 **10%** by 2021

<http://newenergyevents.com/1476-2/>

Existing Policy and Regulatory Framework

<http://www.energy.gov.tt/wp-content/uploads/2014/01/Framework-for-the-development-of-a-renewable-energy-policy-for-TT-January-2011.pdf>



Renewable Energy

- Feed-in Tariff ○
- Net Metering ○
- Interconnection Standards ○
- Energy Access (Electrification Rate)
- Renewable Portfolio Standard
- 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 Energy and Energy Industries

<http://www.energy.gov.tt/>

Government Institution for Disasters

Office of Disaster Preparedness and Management

<http://www.odpm.gov.tt/>

Regulatory Entities

Regulated Industries Commission

<http://www.ric.org.tt>

Utility(s)

Trinidad and Tobago Electricity Commission

<https://ttec.co.tt/>



Energy Security and Resilience

Comprehensive Disaster Management Framework for Trinidad and Tobago

<http://www.odpm.gov.tt/sites/default/files/Comprehensive%20Disaster%20Management%20Policy%20Framework%20for%20Trinidad%20and%20Tobago.pdf>

Critical Facilities Protection Policy Framework for Trinidad and Tobago

<http://67.23.224.218/sites/default/files/Critical%20Facilities%20Protection%20Policy%20Framework%20for%20Trinidad%20and%20Tobago.pdf>

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