



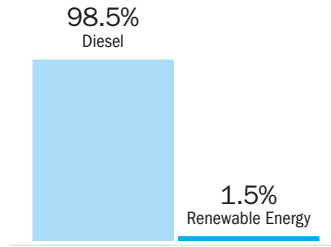
## Population and Economy

Population Size **111,454**  
 Total Area Size **340 Sq. Kilometers**  
 Total GDP **\$1.186 Billion**  
 Gross National Income (GNI) Per Capita **\$9,650**  
 Share of GDP Spent on Imports **55.2%** Fuel Imports **6%**  
 Urban Population Percentage **36.5%**

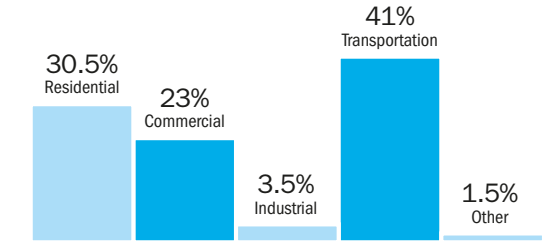
## Electricity Sector Overview

Installed Capacity <b>50.9 MW</b>
RE Installed Capacity Share <b>5%</b>
Peak Demand (2018) <b>33.2 MW</b>
Total Generation (2018) <b>229.2 GWh</b>
Transmission and Distribution Losses <b>7.2%</b>
<b>Electricity Access</b> Total population <b>95%</b> Urban population <b>93%</b> Rural population <b>96%</b>
<b>Average Electricity Rates (USD/kWh)</b> Residential <b>\$0.32</b> Commercial <b>\$0.32</b> Industrial <b>\$0.28</b> Street Lights <b>\$0.30</b>

### Electricity Generation Mix



### Energy Consumption by Sector



## Renewable Energy Status

Solar	Wind
<b>2.45 MW</b>	<b>0.081 MW</b>

## Targets

### Renewable Energy Generation

**100%** by 2030

<https://climate-laws.org/cclow/geographies/69/policies/1278>

### Nationally Determined Contribution Targets

**30%** Reduction in emissions through electricity production by 2025  
 10% from renewables and 20% from energy efficiency measures

### Renewable Energy Capacity Targets



### Energy Efficiency

**20%** Energy efficiency gains by 2025

[https://www.ctc-n.org/sites/www.ctc-n.org/files/UNFCCC\\_docs/grenada\\_indc.pdf](https://www.ctc-n.org/sites/www.ctc-n.org/files/UNFCCC_docs/grenada_indc.pdf)

## Existing Policy and Regulatory Framework

[http://www.oas.org/en/sedi/dsd/Energy/Doc/NEP\\_Grenada\\_web.pdf](http://www.oas.org/en/sedi/dsd/Energy/Doc/NEP_Grenada_web.pdf)

### Renewable Energy

Feed-in Tariff

Net Billing ●

Interconnection Standards ●

Grid Codes ●

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

### 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 Programs

Rebates

### Targets

Renewable Energy ●

Energy Efficiency

Transportation

● In Place   ○ Proposed



## Government and Utility

### Government Institution for Energy

Ministry of Infrastructure Development, Public Utilities, Energy, Transport, and Implementation  
<https://www.mgovernance.net/moid/>

### Government Institution for Disasters

National Disaster Management Agency  
<https://nadma.gd/>

### Regulatory Entities

Public Utilities Regulatory Commission of Grenada  
<https://gbn.gd/public-utilities-regulatory-commission-launched/>

### Utility(s)

Grenada Electricity Services Ltd (Grenlec)  
<http://www.grenlec.com/>



## Energy Security and Resilience

### Energy Action Plan

Grenada Vision 2030  
<https://climate-laws.org/cclow/geographies/grenada/policies/grenada-vision-2030>

### Electricity Reform Program

Reform of the Electricity Sector to support Climate Policy in Grenada  
<https://www.giz.de/en/downloads/G-%20RESCP-en-%20FS-May%202018.pdf>

### Integrated Resource Plan

Electricity Supply (Integrated Resource Planning and Procurement) Regulations (2016)  
<https://www.mgovernance.net/sites/default/files/docs/Documents/legislations/es-integrated-resource-planning-procurement-regulations.pdf>

### Resilience Plan

National Climate Change Adaption Plan for Grenada, Carriacou and Petite Martinique (2017-2021)  
[https://www4.unfccc.int/sites/NAPC/Documents/Parties/Grenada\\_National%20Adaptation%20Plan\\_%202017-2021.pdf](https://www4.unfccc.int/sites/NAPC/Documents/Parties/Grenada_National%20Adaptation%20Plan_%202017-2021.pdf)

### Secure Electricity Supply

Electricity Supply Bill, 2015  
<https://www.mgovernance.net/sites/default/files/docs/Documents/legislations/draft-electricity-supply-bill-8-2015.pdf>

### Strategic Resilience Program

Grenada Strategic Program for Climate Resilience  
<https://climate-laws.org/cclow/geographies/grenada/policies/grenada-strategic-program-for-climate-resilience>

### Sustainable Development Plan

National Sustainable Development Plan 2020-2035 (In development, submitted to Parliament November 2019)  
<https://observatorioplanificacion.cepal.org/en/plans/grenada-national-sustainable-development-plan-2030>

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.