



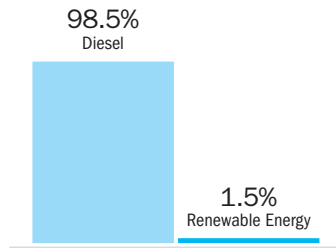
## Population and Economy

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

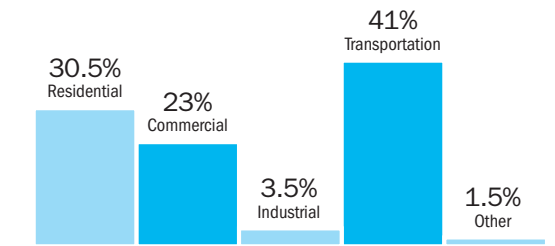
## Electricity Sector Overview

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>
Commerical <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>

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