



Population and Economy



Population Size **744,962**

Total Area Size **214,970 Sq. Kilometers**

Total GDP **\$3.9 Billion**

Gross National Income (GNI) per Capita **\$4,991**

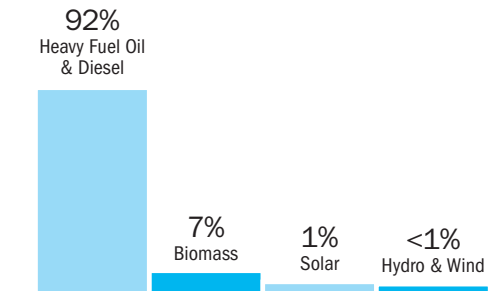
Share of GDP Spent on Imports **47.1%** Fuel Imports **13.2%**

Urban Population Percentage **26.8%**

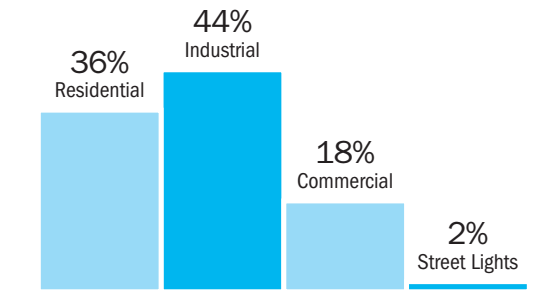
Electricity Sector Overview

Installed Capacity 347.7 MW
RE Installed Capacity Share 16.8%
Peak Demand (2018) 124.9 MW
Total Generation (2018) 1,136.2 GWh
Transmission and Distribution Losses 27%
Electricity Access
Total population 88.8%
Urban population 89.7%
Rural population 80.3%
Average Electricity Rates (USD/kWh)
Residential \$0.20
Commercial \$0.27
Industrial \$0.24
Street Lights \$0.21





Electricity Generation Mix



Electricity Consumption by Sector



Renewable Energy Status


Biomass	Solar
 50.6 MW	 7.8 MW
Hydropower	Wind
 0.02 MW	 0.04 MW

Targets (National Development Policy Goal)

Renewable Energy Generation

 **Near 100%** by 2040

Energy Efficiency

 **Double** the rate of improvement by 2030

Existing Policy and Regulatory Framework

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 ○
Public Awareness ●

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 Public Infrastructure, Guyana
Energy Agency
<https://mopi.gov.gy/guyana-energy-agency>

Regulatory Entities

Public Utilities Commission
<https://mopt.gov.gy/agencies/public-utilities-commission/>

Utility(s)

Guyana Power and Light (Main Utility)
<https://gplinc.net/>

Smaller utilities operate in the Hinterland region: Lethem Power Company Inc., Mahdia Power & Light Inc., Port Kaituma Power & Light Inc., Matthew's Ridge Power & Light Inc., Linden Electricity Company Inc. and Kwakwani Utilities Inc.

Energy Security & Electrification Access

Hinterland Electrification Company Inc.
<https://mopi.gov.gy/hinterland-electrification-company-inc>



Energy Security and Resilience

Sustainable Development

Green State Development Strategy:
Vision 2040

<https://www.doe.gov.gy/published/document/5cd1d69fe5569929a69b35b0>

National Energy Policy

Energy Policy of Guyana

<http://goinvest.gov.gy/wp-content/uploads/Energy-Policy-of-Guyana-94.pdf>

Draft of Revised National Energy Policy (Proposed)

Draft National Energy Policy Of Guyana

https://mopi.gov.gy/sites/default/files/documents/Draft_National_Energy_Policy_Feb_20_17.pdf

Climate Change Mitigation

Nationally Determined Contributions

<https://www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Guyana%20First/Guyana%27s%20revised%20NDC%20-%20Final.pdf>

Climate Change Strategy

Low Carbon Development Strategy:
Transforming Guyana's Economy While
Combating Climate Change

<https://www.lcds.gov.gy/index.php/the-lcds/207-low-carbon-development-strategy-update-march-2013/file>

Energy Security

Hinterland Energy Strategy
(2014-2023) - Guyana

https://www.dropbox.com/s/lih1wy07cdps5s3/Hinterland%20Energy%20Strategy%20_revised_%20_1_%20%282%29.pdf?dl=0

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