

Population and Economy

Population Size **64,174**

Total Area Size **260 Sq. Kilometers**

Total GDP **\$5.14 Billion**

Gross National Income (GNI) per Capita **\$47,140**

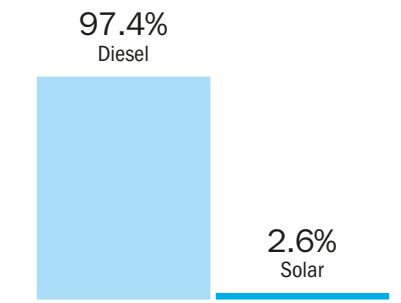
Share of GDP Spent on Imports **15%** Fuel Imports **5%**

Urban Population Percentage **100%**

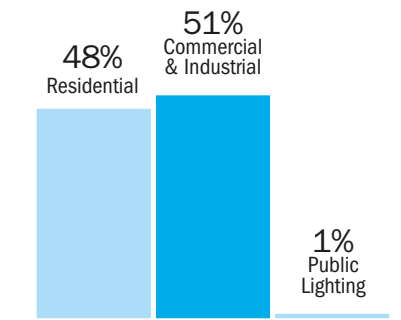
Electricity Sector Overview

Installed Capacity 172 MW
RE Installed Capacity Share 6.5%
Peak Demand (2019) 113.5 MW
Total Generation (2019) 678.8 GWh
Transmission and Distribution Losses 5.4%
Electricity Access 100%
Average Electricity Rates (USD/kWh)
Residential \$0.30
Small Commercial \$0.33
Large Commercial \$0.31

Electricity Generation Mix




Electricity Consumption by Sector



Renewable Energy Status

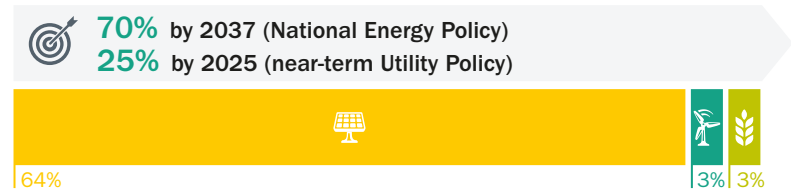
Solar



11.1 MW

Targets

Renewable Energy Generation



<http://www.gov.ky/portal/pls/portal/docs/1/12694578.PDF>

Existing Policy and Regulatory Framework

Renewable Energy

- Feed-in Tariff ●
- Net Metering and Billing
- Interconnection Standards ●
- Energy Access (Electrification Rate) ●
- Renewable 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
- Duty Waivers ●

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 Authority

Ministry of Commerce Planning and Infrastructure

<http://www.plahi.gov.ky/portal/page/portal/mpchome>

Designated Institution for RE & EE

Ministry of Commerce Planning and Infrastructure

Regulatory Entities

Utility Regulation & Competition

Office of the Cayman Islands (OfReg)

<https://www.ofreg.ky/>

Utility(s)

Cayman Brac Power & Light Ltd.

<https://www.ofreg.ky/energy/upimages/commonfiles/1502195407CaymanBracPowerandLightCompanyLimited-InformationREV022015-04-01.pdf>

Caribbean Utilities Company Ltd. (CUC)

<https://www.cuc-cayman.com/>



Energy Security and Resilience

Disaster Preparedness

Disaster Preparedness and Hazard Management Law

<http://www.gov.ky/portal/pls/portal/docs/1/12754607.PDF>

Energy Policy

National Energy Policy 2017-2037: Cayman Islands

<http://www.gov.ky/portal/pls/portal/docs/1/12694578.PDF>

Integrated Resource Planning (IRP)

2017 Integrated Resource Plan

https://www.cuc-cayman.com/otherpdf/download.pdf?file=1579022301PACE_CUC_IRP_Final_Report_280717.PDF

National Response Framework

Cayman Islands National Hazard Management Plan

<http://www.caymanprepared.ky/portal/pls/portal/docs/1/12488355.PDF>

Policy Actions

CUC Reliability 2.0 Initiative (Annual plan)

https://www.cuc-cayman.com/reports/download.pdf?file=1582828511cuc_2019_annual_report_lr.pdf

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