

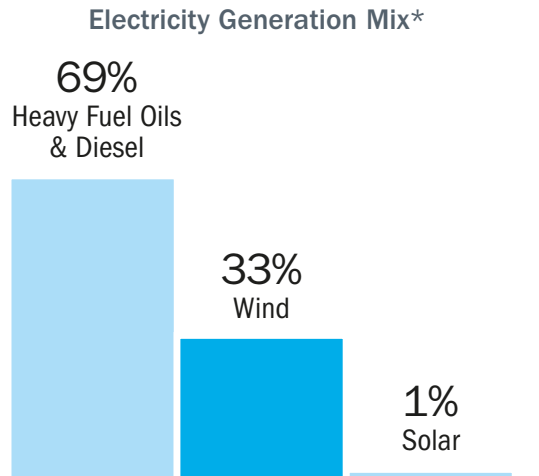


## Population and Economy

Population Size **20,104**  
 Total Area Size **294 Sq. Kilometers**  
 Total GDP **\$428 Million**  
 Gross Domestic Product (GDP) Per Capita **\$22,500**  
 Share of GDP Spent on Imports **49.7%** Fuel Imports **36%**  
 Urban Population Percentage **74.9%**

## Electricity Sector Overview

Installed Capacity <b>34.5 MW</b>
RE Installed Capacity Share <b>33%</b>
Peak Demand (2018) <b>16 MW</b>
Total Generation (2018) <b>110 GWh</b>
Transmission and Distribution Losses <b>16.5%</b>
Average Electricity Rates (USD/kWh) <b>\$0.22</b> <i>Additional Fixed Usage Rates range from \$26.18/month – \$501.06/month based on connection capacity.</i>



\*Approximations from a 2019 article: [https://www.wur.nl/upload\\_mm/b/e/f/2e679724-b295-4a4b-837a-dfb5c89580ae\\_Nexus%20case%20Bonaire%20%28KB-33-005-013%29\\_Fact-sheet%205\\_Energy.pdf](https://www.wur.nl/upload_mm/b/e/f/2e679724-b295-4a4b-837a-dfb5c89580ae_Nexus%20case%20Bonaire%20%28KB-33-005-013%29_Fact-sheet%205_Energy.pdf)

## Renewable Energy Status

Energy Storage	Solar	Wind
9 MWh	0.2 MW	11.1 MW

## Targets

Renewable Energy Generation **100%** (year not specified)

<https://www.ecowatch.com/caribbean-island-says-goodbye-fossil-fuels-hello-100-renewable-electri-1881997727.html>

## 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
- 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 Economic Affairs and Climate Policy (Netherlands)

<https://www.government.nl/ministries/ministry-of-economic-affairs-and-climate-policy>

### Independent Power Producer

Contour Global

<https://www.contourglobal.com/asset/bonaire>

### Regulatory Entities

Netherlands Authority for Consumers and Markets (ACM)

<https://www.acm.nl/en>

### Utility(s)

Water-En Energiebedrijf Bonaire (WEB, Distribution Only, Government Owned)

<https://www.webbonaire.com/en/about-us/about-us/>



## Energy Security and Resilience

### National Energy Policy

BES Electricity and Drinking Water Act (2016)

<https://www.parlementairemonitor.nl/9353000/1/j9vvij5epmj1ey0/vk3gbenzfqwe>

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