



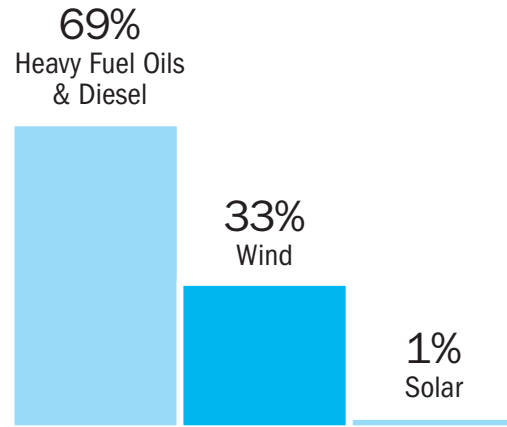
## Population and Economy

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>

Electricity Generation Mix\*



\*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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