



## Population and Economy

Population Size **29,802**

Total Area Size **150 Sq. Kilometers**

Total GDP **\$1.5 Billion**

GDP per Capita **\$48,511**

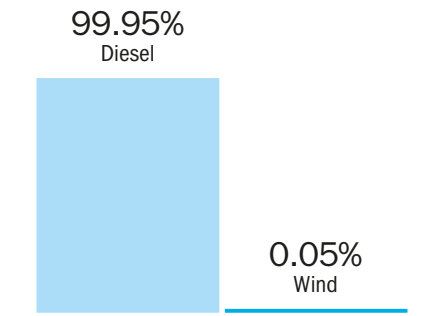
Share of GDP Spent on Imports **29%** Fuel Imports **8%**

Urban Population Percentage **48.5%**

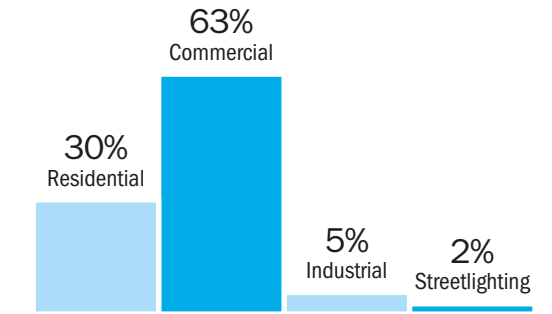
## Electricity Sector Overview

Installed Capacity <b>57.4 MW</b>
RE Installed Capacity Share <b>1.7%</b>
Peak Demand (2015) <b>34 MW</b>
Total Generation (2015) <b>210.2 GWh</b>
Transmission and Distribution Losses <b>13%</b>
Electricity Access <b>100%</b>
Average Electricity Rates (USD/kWh)
0–60 kWh <b>\$0.24</b>
61–25,000 kWh <b>\$0.23</b>
25,001–100,000 kWh <b>\$0.19</b>
Over 100,000 kWh <b>\$0.17</b>

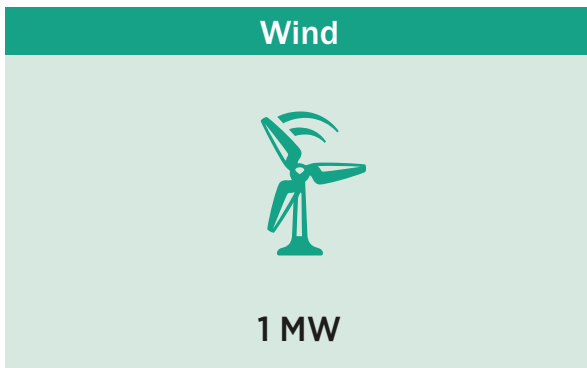
### Electricity Generation Mix



### Electricity Consumption by Sector

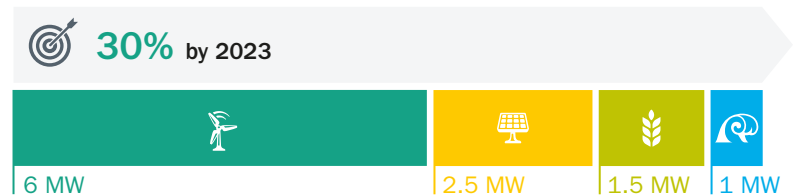


## Renewable Energy Status



## Targets

### Renewable Electricity Supply



[https://bvi.gov.vg/sites/default/files/resources/energy\\_policy\\_of\\_the\\_virgin\\_islands\\_oct\\_2016.pdf](https://bvi.gov.vg/sites/default/files/resources/energy_policy_of_the_virgin_islands_oct_2016.pdf)

## Existing Policy and Regulatory Framework

[https://bvi.gov.vg/sites/default/files/resources/energy\\_policy\\_of\\_the\\_virgin\\_islands\\_oct\\_2016.pdf](https://bvi.gov.vg/sites/default/files/resources/energy_policy_of_the_virgin_islands_oct_2016.pdf)



### Renewable Energy

- Feed-in Tariff
- Net Metering and Billing
- Interconnection Standards ●
- Energy Access
- 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



### 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 Transportation, Works, and Utilities

<http://www.bvi.gov.vg/content/ministry-communication-and-works>

### Utility(s)

British Virgin Islands Electricity Cooperation

<http://bvielectricity.com/>

### Government Institution for Disasters

Department of Disaster Management  
British Virgin Islands

<https://www.bviddm.com/>



## Energy Security and Resilience

### Integrated Resource Plan

British Virgin Islands Resilient National Energy Transition Strategy

[https://bvi.gov.vg/pub/BVI\\_R\\_NETS\\_June\\_2019.pdf](https://bvi.gov.vg/pub/BVI_R_NETS_June_2019.pdf)

### Climate Change Finance

The Virgin Islands Climate Change Trust Fund

<http://www.bvi.gov.vg/climatechange>

### Regulations

British Virgin Islands Electricity Corporation  
Renewable Energy Regulations, 2018

<http://bvielectricity.com/wp-content/uploads/2017/01/Gazetted-Renewable-Energy-Regulations-2018.pdf>

This document was developed by the National Renewable Energy Laboratory with support provided by the Caribbean Center for Renewable Energy and Energy Efficiency. The information included in this document is for general information purposes only. While reasonable attempts were made to provide accurate data, this document was prepared using data from multiple sources, including public sources.