



## Population and Economy

Population Size **159,800**

Total Area Size **444 Sq. Kilometers**

Total GDP **\$3.122 Billion**

Gross National Income (GNI) per Capita **\$19,070**

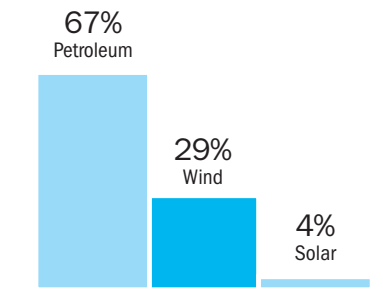
Share of GDP Spent on Imports **85%** Fuel Imports **14%**

Urban Population Percentage **89.1%**

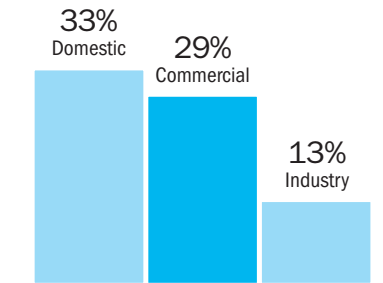
## Electricity Sector Overview

|  |
|--|
| Installed Capacity <b>207 MW</b>                       |
| RE Installed Capacity Share <b>33%</b>                 |
| Peak Demand (2019) <b>130 MW</b>                       |
| Total Generation (2017) <b>891 GWh</b>                 |
| Transmission and Distribution Losses <b>17%</b>        |
| Electricity Access <b>100%</b> (Total population)      |
| Average Electricity Rates (USD/kWh)                    |
| Domestic <b>\$0.35</b>                                 |
| Commercial <b>\$0.36</b>                               |
| Industrial Standard <b>\$0.30</b>                      |
| Industrial Export <b>\$0.23</b>                        |
| Industrial Import <b>\$0.27</b>                        |
| + \$370 Minimum Monthly Demand Charge for All Industry |
| Hospitals <b>\$0.21</b>                                |

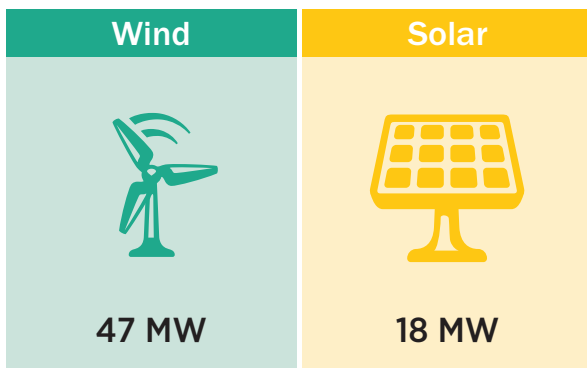
### Electricity Generation Mix



### Electricity Consumption by Sector

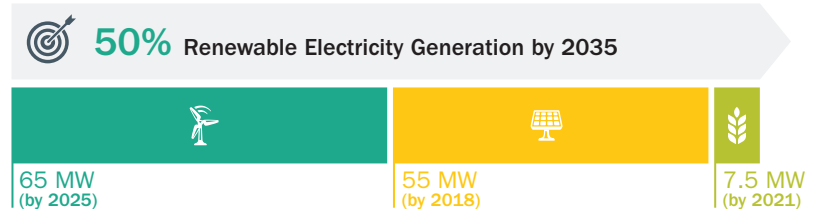


## Renewable Energy Status

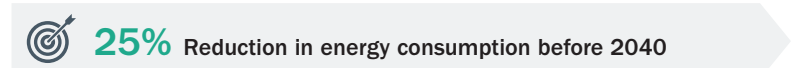


## Targets

### Renewable Energy Generation



### Energy Efficiency



[https://btpn.org/wp-content/uploads/2019/06/NATIONAL\\_ENERGY\\_POLICY\\_for\\_CURACAO.pdf](https://btpn.org/wp-content/uploads/2019/06/NATIONAL_ENERGY_POLICY_for_CURACAO.pdf)

## Existing Policy and Regulatory Framework

### Renewable Energy

Feed-in Tariff

Net Metering and Billing

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 Development of Curaçao, Energy Office

[https://btpn.org/wp-content/uploads/2019/06/NATIONAL\\_ENERGY\\_POLICY\\_for\\_CURACAO.pdf](https://btpn.org/wp-content/uploads/2019/06/NATIONAL_ENERGY_POLICY_for_CURACAO.pdf)

### Regulatory Entities

Bureau Telecom and Post (BT&P)

<https://btpn.org/>

### Utility

Aqualectra

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



## Energy Security and Resilience

### National Energy Policy

National Energy Policy for Curacao - Building a Sustainable Future

[https://btpn.org/wp-content/uploads/2019/06/NATIONAL\\_ENERGY\\_POLICY\\_for\\_CURACAO.pdf](https://btpn.org/wp-content/uploads/2019/06/NATIONAL_ENERGY_POLICY_for_CURACAO.pdf)

### Sustainable Development Plan

Building on Strengths: National Development Plan Curaçao 2015-2030

[https://www.undp.org/content/dam/trinidad\\_tobago/docs/NDP-FEB2016-FInal.pdf](https://www.undp.org/content/dam/trinidad_tobago/docs/NDP-FEB2016-FInal.pdf)

### Emergency Response Agency

Caribbean Disaster Emergency Management Agency (CDEMA)

<https://www.cdema.org/>

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