



Population and Economy



Population Size **96,286**

Total Area Size **440 Sq. Kilometers**

Total GDP **\$1.61 Billion**

Gross National Income (GNI) Per Capita **\$15,890**

Share of GDP Spent on Imports **47.8%** Fuel Imports **4.5%**

Urban Population Percentage **24.50%**

Electricity Sector Overview

Installed Capacity **124 MW** (estimated)

RE Installed Capacity Share **7%**

Peak Demand (2017) **50 MW**

Total Generation (2018) **362 GWh**

Transmission and Distribution Losses **11%**

Electricity Access **100%** (total population)

Average Electricity Rates (USD/kWh)

Residential

Minimum Charge \$9.25 per month

0 – 300 kWh **\$0.15**

Over 300 kWh **\$0.14**

Commercial

Minimum Charge \$16.65 per month

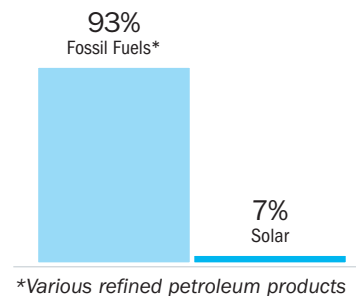
Monthly demand charge \$2.96 per kVA

0 – 100kWh **\$0.17**

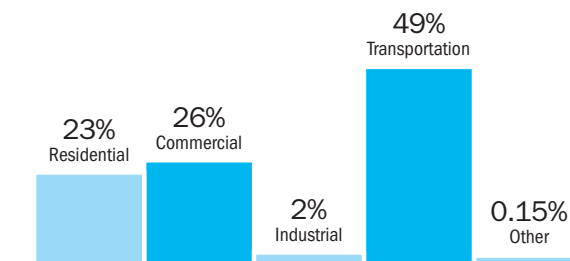
100 – 250kWh **\$0.16**

All remaining **\$0.14**

Electricity Generation Mix



Energy Consumption by Sector



Renewable Energy Status


Solar



9.6 MW


Targets

Renewable Energy Generation

 **15%** by 2030 (2011 National Energy Policy)

[http://climatepolicydatabase.org/index.php/Nationally_Determined_Contribution_\(NDC\)_to_the_Paris_Agreement:_Antigua_and_Barbuda](http://climatepolicydatabase.org/index.php/Nationally_Determined_Contribution_(NDC)_to_the_Paris_Agreement:_Antigua_and_Barbuda)

Energy Efficiency

 **10%** reduction of overall energy intensity by 2020

https://www.ctc-n.org/files/resources/antiguabarbuda_national_energy_policy.pdf

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 Tourism, Economic Development, Investment, and Energy
https://ab.gov.ag/detail_page.php?page=15

Regulatory Entities

None: Regulated through provisions of the Antigua Public Utilities Act
<http://www.apua.ag/about-us/>

Utility(s)

Antigua Public Utilities Authority (APUA)
<http://www.apua.ag>



Energy Security and Resilience

Government institutions for disasters

National Office of Disaster Services
<http://nods.gov.ag/>

National Response Framework

Disaster Management Act 2002
https://www.preventionweb.net/files/21374_15285disasterlawsfantigua20021.pdf
Sustainable Island Resource Framework (SIRF) Fund
<https://www.environment.gov.ag/sirf>

Renewable Energy Integration

2015 Renewable Energy Act,
<http://extwprlegs1.fao.org/docs/pdf/ant145972.pdf>
Sustainable Energy Action Plan 2013
http://www.oas.org/en/sedi/dsd/Energy/Doc/EAP_AntiguaBarbuda_web.pdf

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