



Population and Economy

Population Size **71,625**

Total Area Size **750 Sq. Kilometers**

Total GDP **\$551 Million**

Gross National Income (GNI) Per Capita **\$7,090**

Share of GDP Spent on Imports **65.1%** Fuel Imports **17.7%**

Urban Population Percentage **71.1%**

Electricity Sector Overview

Installed Capacity **26.7 MW**

RE Installed Capacity Share (hydro) **24.9%**

Peak Demand (2018) **12.9 MW**

Total Generation (2018) **65.4 MWh**

Transmission and Distribution Losses **9.4%**

Electricity Access **100%**

Average Electricity Rates (USD/kWh)

Residential **\$0.21** (up to 50kWh)

+ \$0.25 after 50kWh

Commercial **\$0.26**

+ \$1.6 service charge per month
per kVA installed capacity

Industrial **\$0.22**

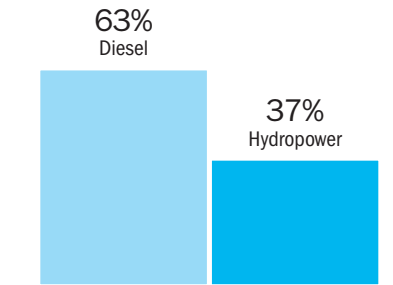
+ \$1.6 service charge per month
per kVA installed capacity

Hotel **\$0.23**

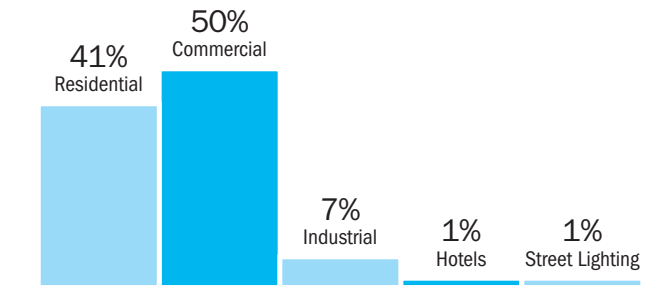
+ \$1.6 service charge per month
per kVA installed capacity

Street Lighting **\$0.26**

Electricity Generation Mix



Electricity Consumption by Sector



Renewable Energy Status


Hydropower



6.64 MW

Targets

Renewable Energy Generation

 **100%** (no date specified)

https://www.ren21.net/wp-content/uploads/2019/05/gsr_2019_full_report_en.pdf

Existing Policy and Regulatory Framework

<https://c-serms.org/wp-content/uploads/2018/12/DM-Dominica-Draft-National-Energy-Policy-2014.pdf>



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 Trade, Energy and Employment
<https://www.developmentaid.org/#!/donors/view/149453/ministry-of-trade-energy-and-employment-commonwealth-of-dominica>

Government Institution for Disasters

Office of Disaster Management
<http://odm.gov.dm/>
National Emergency Planning Organization (NEPO)
<http://odm.gov.dm/nepo>

Regulatory Entities

Indendent Regulatory Commission
<https://www.ircdominica.org/>

Resilience Agency

Climate Resilience Execution Agency for Dominica
<https://www.creadominica.org/>

Utility(s)

Dominica Electricity Services Limited
<https://www.domlec.dm/index.php/welcome>



Energy Security and Resilience

Integrated Resource Plans

Integrated Resource Plan for Electricity - Demand Forecast
<https://www.ircdominica.org/download/integrated-resource-plan-for-electricity-demand-forecast/>

Integrated Resource Plan and Related 5 Year Investment Plan
<https://www.ircdominica.org/download/integrated-resource-plan-related-5-year-investment-plan/>

2012 – 2020 Integrated Resource Plan
<https://www.ircdominica.org/download/2012-to-2020-integrated-resource-plan/>

Resilience Plans

National Resilience Development Strategy 2030
http://www.dominica.gov.dm/images/documents/national_resilience_development_strategy_2030.pdf

Climate Resilience Act 2018
<https://static1.squarespace.com/static/5cb79b0f9b8fe873d303393a/t/5d0a8432dd07c100013e7eda/1560970291289/Climate+Resilience+Act+2018+%281%29.pdf>

Dominica Low-Carbon Climate-Resilient Strategy (2012)
[http://www.deromilly.com/pdfFiles/DOMINICA%20Low%20Carbon%20Climate%20Resilient%20Strategy%20%20\(Final\).pdf](http://www.deromilly.com/pdfFiles/DOMINICA%20Low%20Carbon%20Climate%20Resilient%20Strategy%20%20(Final).pdf)

Sustainable and Resilient Energy Plan (S-REP) of Dominica
<https://www.clintonfoundation.org/press-releases/dominica-and-clinton-foundation-spearhead-energy-improvement-and-independence>

National Response Framework

National Disaster Plan 2001
http://odm.gov.dm/images/docs/national_disaster_plan.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.