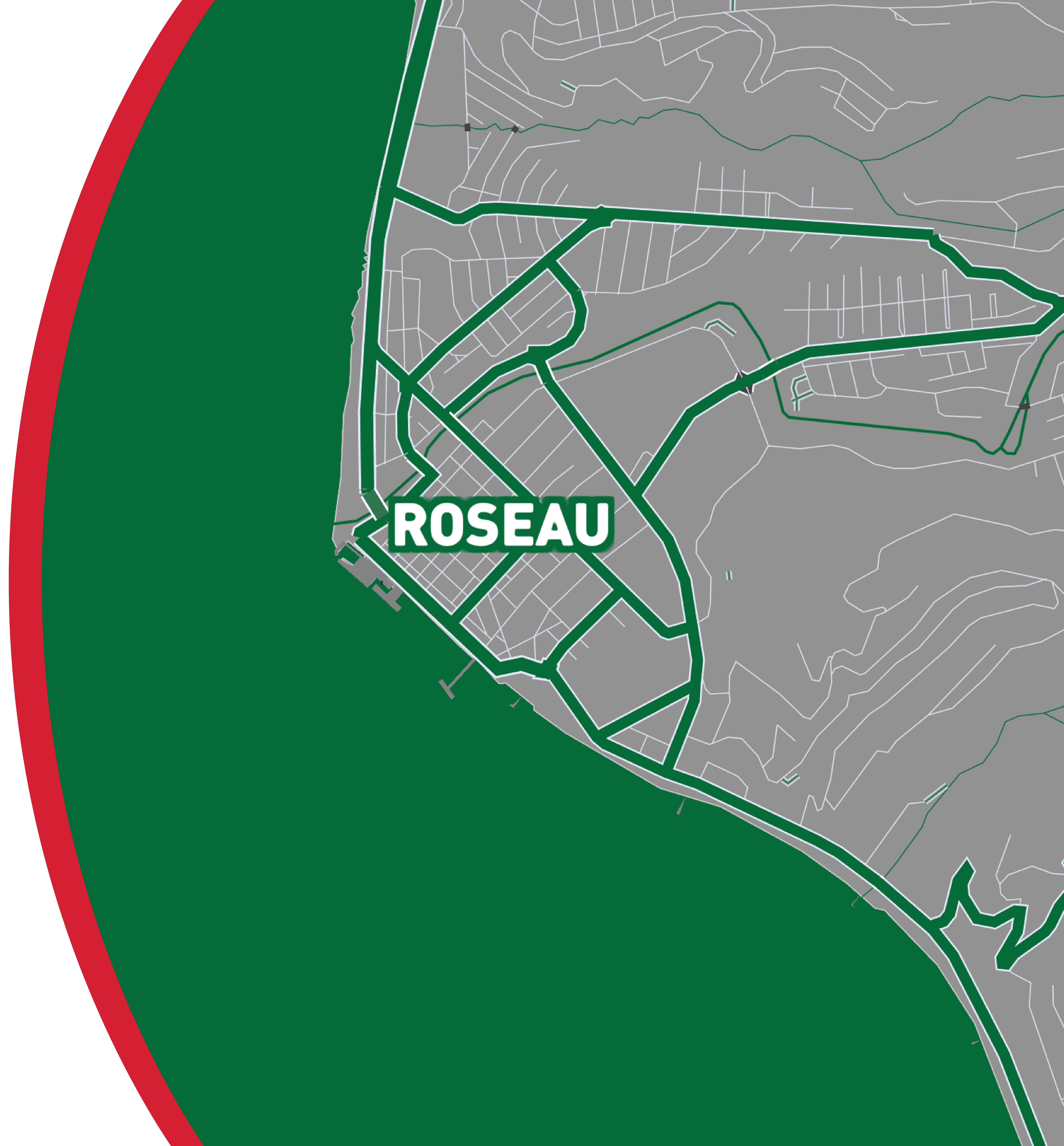




DOMINICA

ENERGY REPORT CARD (ERC) FOR 2022





INTRODUCTION



This is the Energy Report Card (ERC) for 2022 for the Commonwealth of Dominica.

The ERC provides an overview of the energy sector performance, highlighting the following areas:

- Installed Conventional and Renewable Power Generation Capacity
- Annual Electricity Generation, from Conventional and Renewable Plants
- Other Electricity Sector Metrics, such as Losses, Consumption, and Tariffs
- Renewable Energy Targets
- Renewable Energy Resource Potential

The ERC also includes sectoral data and information on policies and regulations; training and capacity building; and related areas.

The data and information that are available in the ERC were mostly provided by the government ministries, agencies, and departments, that have responsibility for statistics and planning, in general, and the energy sector and electricity subsector including the electric utilities, in particular. The data and information collected was supplemented by desk based research and, in instances, information was generated from calculations and analyses that were performed by the CCREEE.

Quality Assurance

The collection and treatment of data and information that is produced for the ERC is consistent with the International Recommendations for Energy Statistics (IRES), which provides a comprehensive methodological framework for the collection, compilation, and dissemination of energy statistics in all countries irrespective of the level of development of their statistical system. The ERC is produced in accordance with these performance standards that seek, as far as is possible, to ensure the quality (i.e., objectivity, utility, and integrity) of data and information that it disseminates to the public.

The CCREEE strives for transparency on the information and methods that are used within the production of the ERC, with a view to improve understanding on how the information should be treated and to facilitate reproducibility of the information. Nevertheless, the Centre recognizes that quality may be limited by the nature and source of the data and information disseminated.

Disclaimer

The ERC includes data and information that is contained in a variety of public sources and, though every effort is made to validate the accuracy and validity of the contents, reliance on the information herein is strictly at the user's risk.

Correction of Errors

If a substantive error is detected after the ERC is disseminated, the CCREEE will make correction and issue an **errata notice**, or other notification as appropriate. Also, the information contained within the ERC may be revised, after initial dissemination to reflect more complete information or other significant changes in the underlying data. The ERC may, from time to time, include information that is preliminary and is expected to be revised, or information that is revised from previously disseminated versions. In such instances, those cases are clearly noted.

Requests for Correction

The CCREEE has established administrative mechanisms to allow persons to seek and obtain, where appropriate, legitimate correction(s) to information maintained and disseminated through the ERC. Any request for corrections should be sent to: energyreportcard@ccreee.org, under the subject: **REQUEST FOR CORRECTION TO ERC 2022 FOR COMMONWEALTH OF DOMINICA.**

Acknowledgements

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ENERGY SECTOR SUMMARY

+ SOCIOECONOMIC POLICIES

Dominica Climate Resilience and Recovery Plan 2020 - 2030 [6]

National Development Plan/ Overall Country Development Strategy

National Energy Policy (2021) [7]

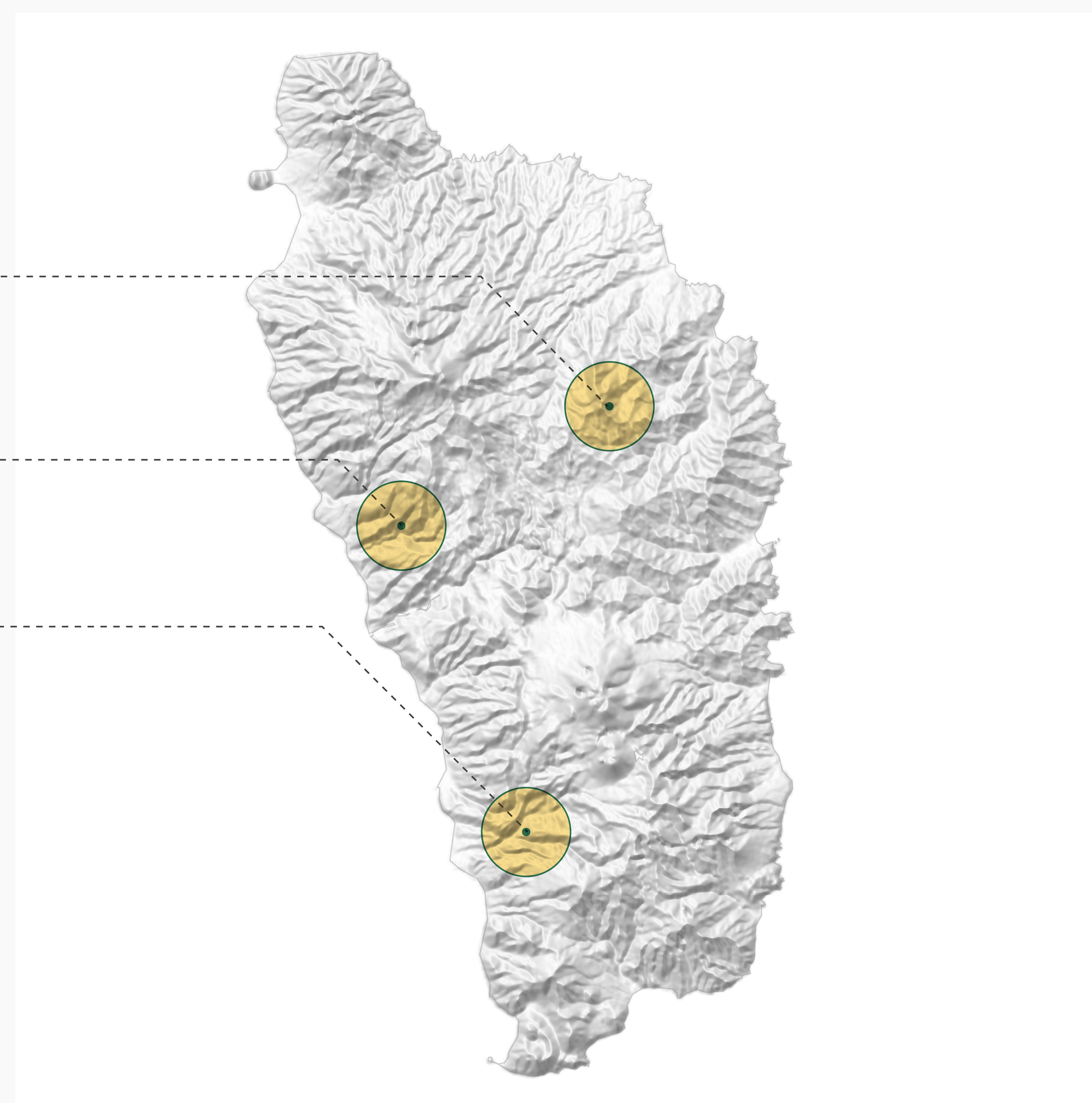
National Energy Policy

Distributed Renewable Energy Generation Policy [8]

Renewable Energy (RE) Policy

+ SOCIOECONOMICS

Population	74,289 [1]
GDP (USD)	\$548,410,000 [2]
GDP (USD) Per Capita	\$8,580 [2]
Gross National Income (GNI) Per Capita (USD)	\$8,460 [3]
Debt as % of GDP	104.3% [4]
Human Development Index	0.720 [5]
RE Target	100% by 2030 [9]



Total Installed Conventional Capacity (MW)	18.88 [13] [14]
Total Installed RE (MW)	7.06 [13] [14]
Electricity System Losses ⁴ (%)	8.2% [8] [9]
Energy Use (kWh) Per Capita	1,197.84 ²
Electric Vehicle Stock	11 [15]

+ OTHER ENERGY SECTOR SUB-POLICIES

Climate Change Policy

National Climate Change Policy and Action Plan (2019-2024) [10]

Dominica Climate Resilience and Recovery Plan 2020 [6]

National Resilience Development Strategy Dominica 2030 [11]

Energy Performance Standards/Appliance Labelling ¹ [12]

Performance Standards

- **DNS IEC 62552 -1:2015 - Household refrigerating appliances - Characteristics and test methods - Part 1: General requirements**
- **DNS IEC 62552-2:2015 - Household refrigerating appliances - Characteristics and test methods - Part 2: Performance requirements**
- **DNS IEC 62552-3:2015 - Household refrigerating appliances - Characteristics and test methods - Part 3: Energy consumption and volume**
- **DNS IEC 62612: 2013 - Self-Ballasted LED Lamps for General Lighting with Supply Voltages >50V- Performance Requirements'**
- **DNS IEC 60969: 2016 - Self-Ballasted Compact Fluorescent Lamps for General Lighting Services-Performance Requirements**

Labelling Standards

- **DNS CRS 58: 2018 - Energy Labelling - Compact Fluorescent Lamps & Light Emitting Diodes Lamps - Requirements**
- **DNS CRS 59: 2019 - Energy Labelling -Air Conditioners - Requirements**

National Determined Contributions (NDC)

A total greenhouse gas emissions reduction of 45% below 2014 levels by 2030

National Repository for Energy Data

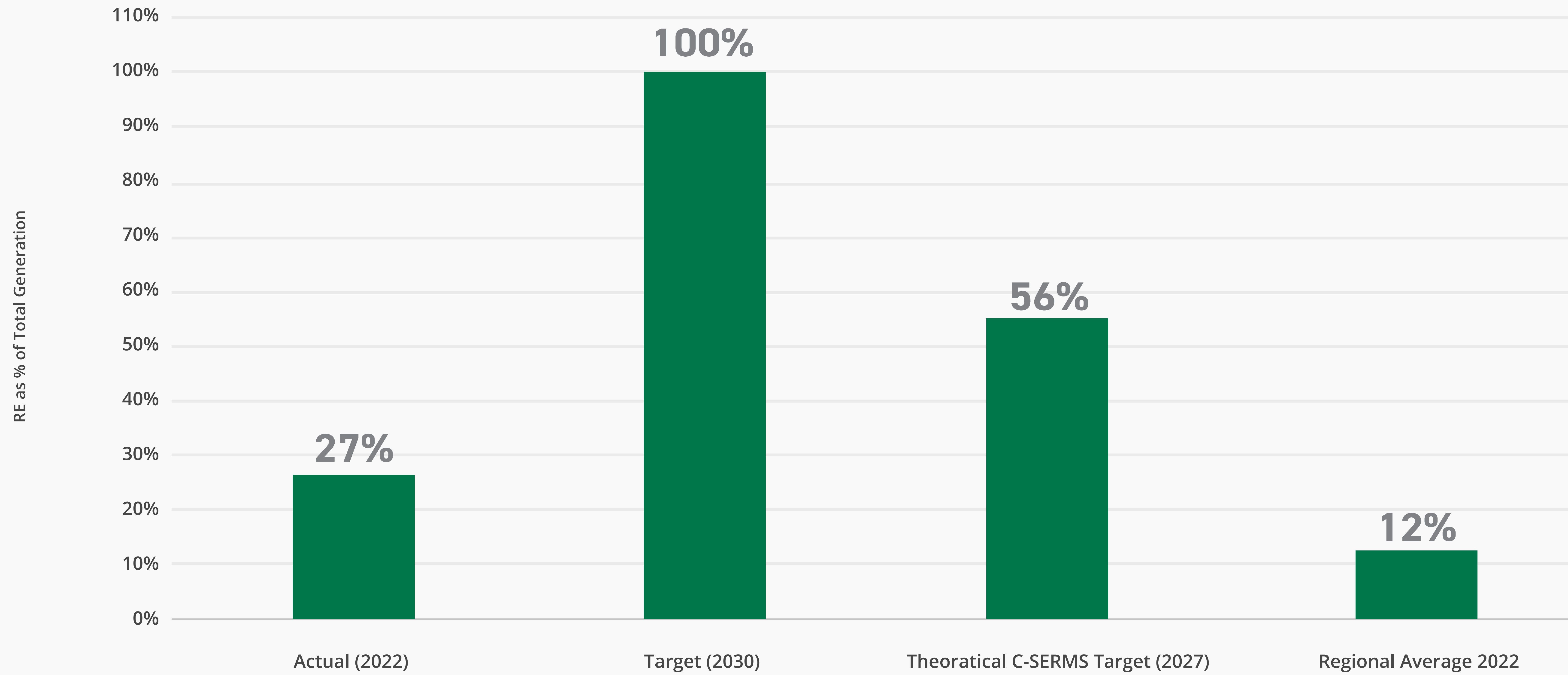
Dominica Electricity Service (DOMLEC), Dominica Geothermal Development Company, Ministry of Energy, Ministry of Trade, Independent Regulatory Commission [9]

1. The Energy Performance Standards in Dominica are voluntary.

2. Calculated figure



RENEWABLE ENERGY GENERATION AGAINST TARGETS





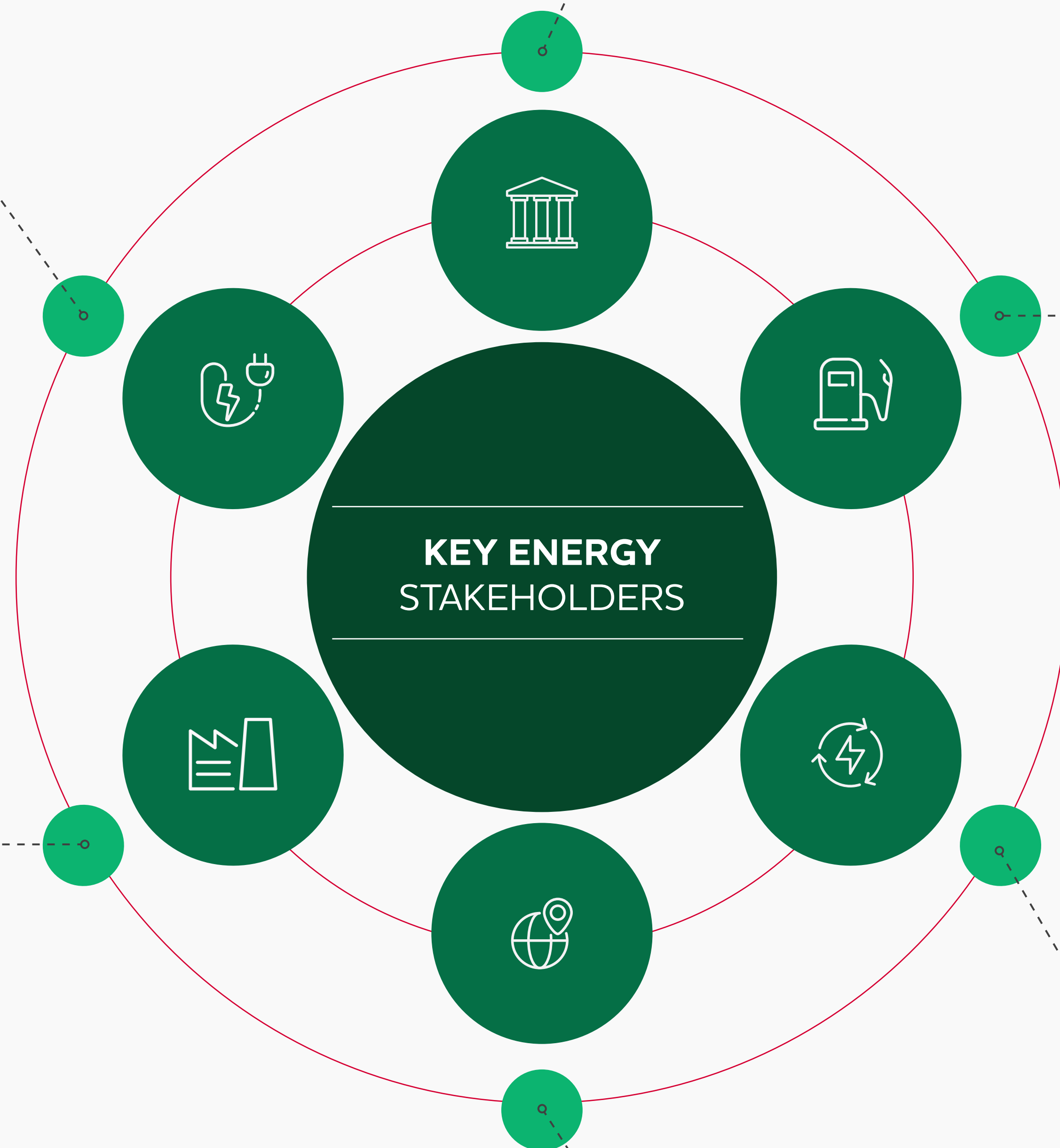
KEY ENERGY STAKEHOLDERS

Electricity Regulator

Independent Regulatory Commission (IRC) ^[27]

Independent Power Producer

Dominica Geothermal Development Company (DGDC) ^[26]



Government Ministries, Departments and Agencies

Ministry of Public Works, Public Utilities and Digital Economy ^[17]

- Traffic Department
- Dominica Transport Board

Ministry of Agriculture, Fisheries, Blue and Green Economy ^[18]

Ministry of Environment, Rural Modernisation, Kalinago Upliftment and Constituency Empowerment ^[19]

Ministry of Finance, Economic Development, Climate Resilience and Social Security ^[28]

Fuel Importers & Suppliers

West Indies Oil Company ^[20]

Rubis Oil Company ^[21]

PDV Caribe Dominica Limited

National Petroleum Marketing Company Limited ³

SOL EC Limited Dominica ^[22]

Sukie's Enterprises; Sukie Blue Flame ^[23]

EMS Limited ^[24]

Electric Utility

Dominica Electricity Services Limited (DOMLEC) ^[25]

Other

Climate Resilience Execution Agency for Dominica ^[29]

Dominica Bureau of Standards ^[30]

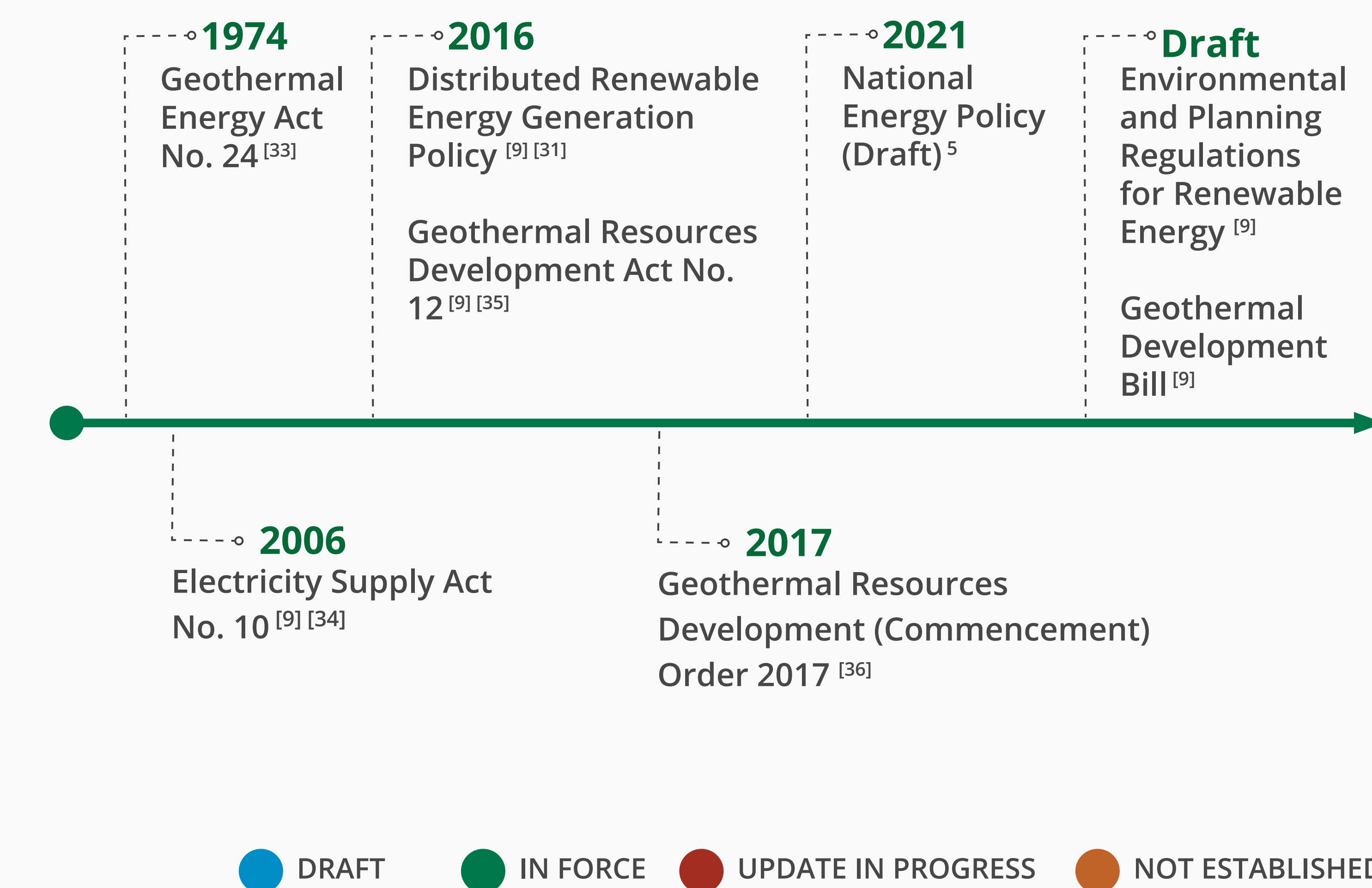
³. A Trinidad and Tobago state owned company with operations in Dominica.

+ POLICIES RELEVANT TO THE ENERGY SECTOR

YEAR	Policy/Plan Name	Description
2011	Dominica National Energy Policy [37] ●	The aim of the Policy was to pursue sustainable energy that is reliable, extends access to energy, and provides energy at the lowest possible cost through the use of local energy sources, energy efficiency, increasing environmental sustainability and reducing energy cost and tariffs.
	Dominica National Energy Action Plan [38] ●	The Plan accompanies the National Energy Policy and was designed with the goal to increase the efficiency and sustainability of energy supply and demand.
2012	Low Carbon Climate Resilient Development Strategy and Compendium [39] ●	Provides an overarching and strategic perspective on the management of Dominica's economy into the medium term, a perspective that is informed by fiscal and debt parameters and considerations of prudential national economic management.
2015	Integrated Resource Plan [40] ●	Least cost expansion plan and related five-year investment programme. The CCREEE is currently completing an Integrated Resource and Resilience Plan (IRRP) which will replace the current IRP.
2016	Distributed Renewable Energy Generation Policy [8] ●	The objective of this policy is to allow consumers of electricity who are customers of DOMLEC, the supplier of electricity, to be able to supply some or all their energy needs using renewable energy while connected to the grid.
2018	National Roads Policy ●	Document not available for detailed review.
	National Resilience Development Strategy [11] ●	The Plan provides a broad framework for sustainable and inclusive growth and outlines the Government's commitment to facilitating the use of renewable energy.
2019	Master Plan for Resilience⁶ [41] ●	-
	Sustainable and Resilient Energy Plan for Dominica [31] ●	The Plan includes methods to increase the share of electricity produced by renewable energy while improving and maintaining the reliability of the electrical grid.
2020	Dominica Climate Resilience and Recovery Plan 2020-2030 (2020) [6] ●	Dominica's Climate Resilience and Recovery Plan operationalizes the National Resilience Development Strategy by providing an outline that will guide the preparation of sector strategies and plans.
2021	National Energy Policy [7] ●	The objective of the Policy is to pursue reliable and sustainable energy, extend access to energy, and provide energy at the lowest possible cost. This includes encouraging increased self-sufficiency in energy and reduction in energy consumption per unit of economic output in all sectors of the economy. The policy seeks to reduce fossil fuel usage and use regulatory and fiscal measures to encourage economically viable energy efficiency technology and renewable energy generation technology. [9]

	YEAR
Energy Policy and Energy Action Plan ⁷ [9]: ●	2021
RE Target [9]: ●	2021
EE Target [9]: ●	
Electricity Regulator [9]: ●	2006
Net Billing/Net Metering [9]: ●	2016
Interconnection Policy/Standards [9][13]: ●	2007
Feed-in-tariff ⁴ [9]: ●	
RE/EE Act [9][32]: ●	2018

+ KEY ACHIEVEMENTS: PLR FRAMEWORK TIMELINE FOR ELECTRICITY SUB-SECTOR



4. Customers who supply electricity to the grid are reimbursed based on the avoided cost of fuel for each unit generated.

5. A copy of this document was not found.

6. Document not available for detailed review.

LEGISLATION RELEVANT TO THE ENERGY SECTOR

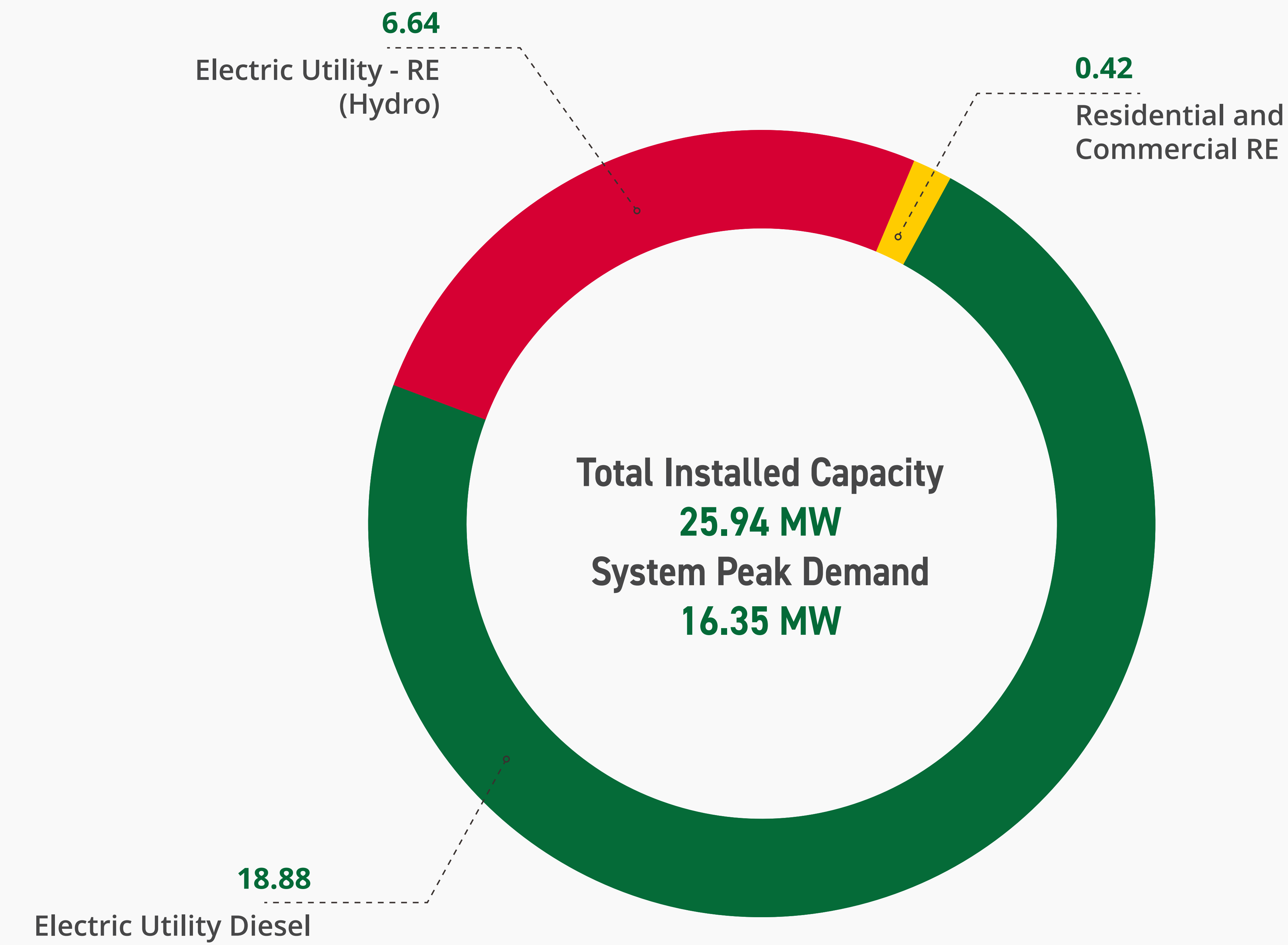
1974	<p>Geothermal Energy Act Chapter 85:02 [42] ●</p> <p>An Act to make provision for the exploration, exploitation, and management of the geothermal energy resources of Dominica, to set up the Dominica Geothermal Authority</p>		
1979	<p>Supplies Control Act No. 21 of 1979 ●</p> <p>Enable the ministry responsible for trade to control the price of fuel which are adjusted every four weeks based on international prices.</p>		
2006	<p>Electricity Act No. 10 [43] ●</p> <p>This Act regulates the generation transmission, distribution and supply of electricity within Dominica and established the Independent Regulatory Commission.</p>		
2014	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>Climate Change, Environment and Natural Resource Management Bill (2014) [44] ●</p> <p>An Act to establish the enabling framework to facilitate the transition to low-carbon climate-resilient development including energy conservation and renewable energy as key elements along with the establishment of an Energy Conservation Unit and a Climate Change and Environment Trust Fund.</p> </td> <td style="width: 50%; vertical-align: top;"> <p>Geothermal Resources Development Act No. 12 (2016) ●</p> <p>An Act to provide for the development, exploration, and use of geothermal resources and related matters.</p> </td> </tr> </table>	<p>Climate Change, Environment and Natural Resource Management Bill (2014) [44] ●</p> <p>An Act to establish the enabling framework to facilitate the transition to low-carbon climate-resilient development including energy conservation and renewable energy as key elements along with the establishment of an Energy Conservation Unit and a Climate Change and Environment Trust Fund.</p>	<p>Geothermal Resources Development Act No. 12 (2016) ●</p> <p>An Act to provide for the development, exploration, and use of geothermal resources and related matters.</p>
<p>Climate Change, Environment and Natural Resource Management Bill (2014) [44] ●</p> <p>An Act to establish the enabling framework to facilitate the transition to low-carbon climate-resilient development including energy conservation and renewable energy as key elements along with the establishment of an Energy Conservation Unit and a Climate Change and Environment Trust Fund.</p>	<p>Geothermal Resources Development Act No. 12 (2016) ●</p> <p>An Act to provide for the development, exploration, and use of geothermal resources and related matters.</p>		
2018	<p>Climate Resilience Act No. 16 of 2018 [32] ●</p> <p>This Act provides for the establishment of the Climate Resilience Execution Agency of Dominica (CREAD) in order to rebuild Dominica as the first climate resilient nation.</p>		
2020	<p>Environmental Levy on Vehicles [44] [45] ●</p> <p>Used vehicles aged over 5 years incur an Environmental Surcharge of XCD 3,000.00 whereas vehicles aged under 5 years incur an Environmental Surcharge of 1% of the CIF (Cost, Insurance, and Freight) Value.</p>		
2021	<p>Climate Resilience Act (extension of duration) Order, 2021 until the 31st of December 2023 [46] ●</p> <p>An Act to provide for the establishment of the Climate Resilience Execution Agency for Dominica (CREAD) and to provide for matters related thereto.</p>		

LEGISLATION RELEVANT TO THE FISCAL INCENTIVES

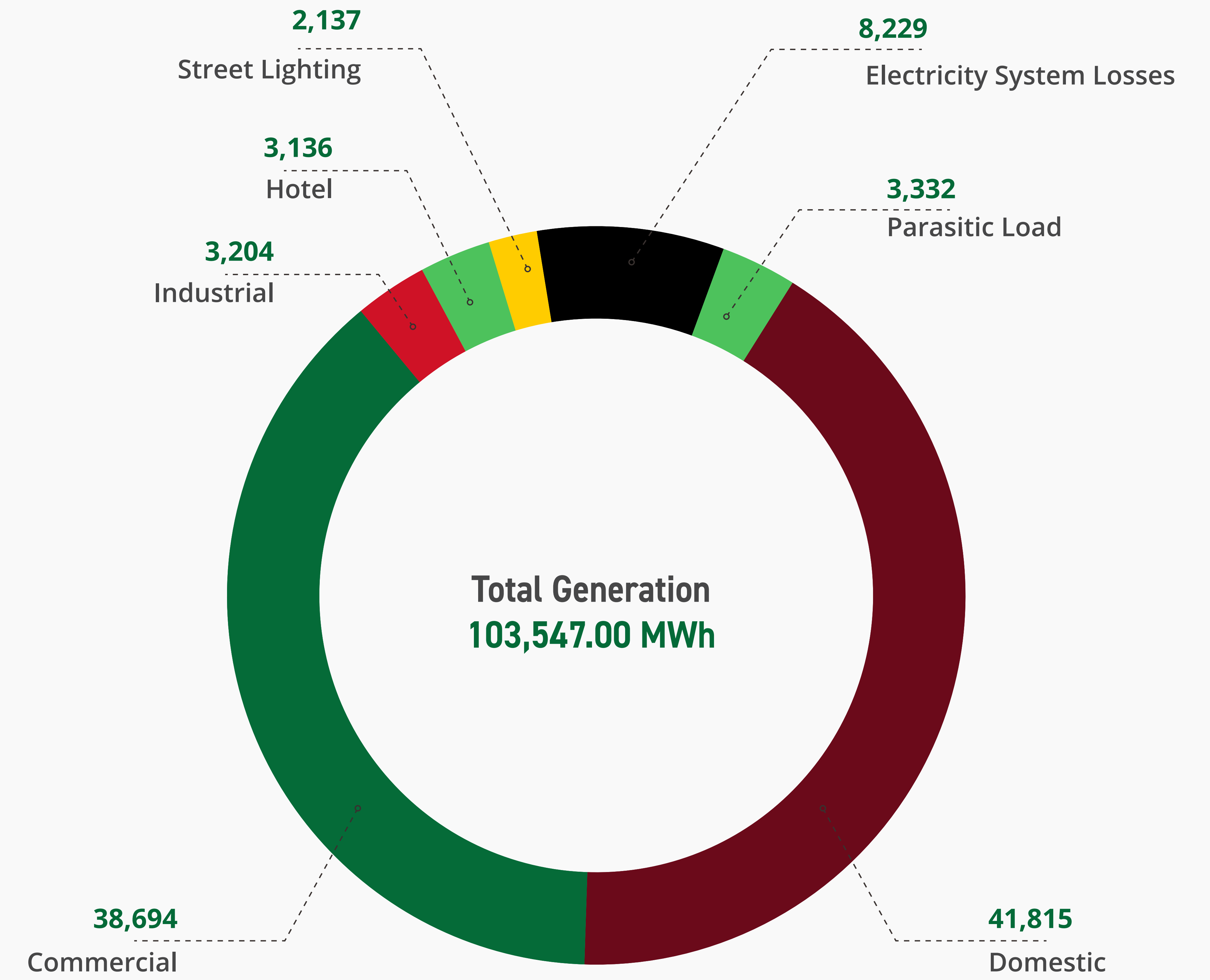
1973	<p>Fiscal Incentives Act, Chapter 84:51 [47] Amended 2019 [48] ●</p> <p>The Fiscal Incentives Act provides the various incentives available within the country to allow for the qualifying enterprises to be granted incentives, such as a tax holiday.</p>
1982	<p>Income Tax Act, Chapter 67:01 [49] Amended 2015 [50] Amended 2018 [51] ●</p> <p>The Income Tax Act and its amendments outline the tax benefits to renewable energy companies which included a tax holiday up to 15 years and exemption from income tax payment on profits and dividends during a tax holiday.</p>
2005	<p>Value Added Tax Act 2005, Act 7, of 2005 [52] Amended 2006 [53] Amended 2015 [54] Amended 2016 [55] ●</p> <p>The Value Added Tax Act and its amendments grants approved entities VAT exemption on capital imports up to the commencement of taxable activities.</p>



+ INSTALLED CAPACITY (MW)

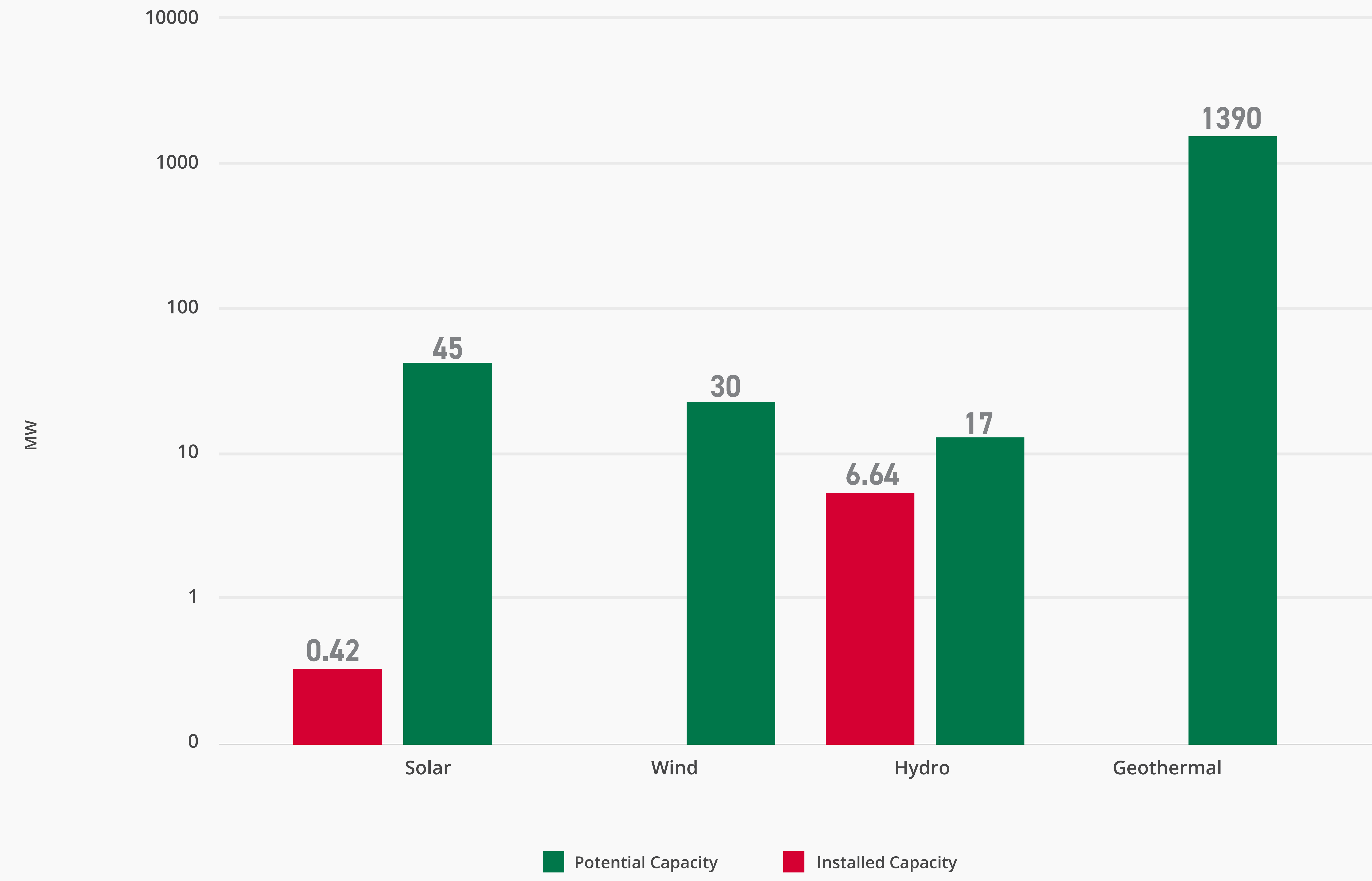


+ ENERGY CONSUMPTION (MWh)





RENEWABLE ENERGY RESOURCES





ELECTRICITY TARIFFS ⁷ [13]



Rate Class	Monthly Consumption (kWh)	Tariff (US\$/kWh)
Residential Tariff		\$0.39
Commercial		\$0.44
Industrial/Large Power	Between 6 AM and 10 PM:	\$0.41
	Between 10 PM and 6 AM:	\$0.39
Hotels		\$0.41
Streetlights		\$0.28

⁷. A fuel charge of US \$0.18 (the 2023 fuel charge) has been included into the tariffs.



PROJECTS IN PIPELINE

+ ENERGY EFFICIENCY PROJECTS

Energy Efficiency	Old/Existing Infrastructure	Annual Costs (USD)	Energy Audits	Energy Efficiency Legislation or Regulations	Energy Service Companies	Change in Old/Existing Infrastructure Expected in Upcoming Calendar Year	Expected Change in Technology	Relative Difference in Operating Consumption/Costs
Street Lighting ^[9]	218 Units		No	Electricity Act #10 of 2006	No	Unknown	LED Technology Adopted now with gradual transition to Solar/Wind Powered Street Lights	Significant reduction in Energy Consumption as compared to standard utility street lights

+ RENEWABLE ENERGY PROJECTS

Renewable Energy Source	Resource and Projects Capacity	Development Partner	Total Estimated Cost	Funding Source
Solar Photovoltaic ^[9]	5 MW	Under discussion		
Other ^[9]	5 MW Battery energy storage system		>5M	UAE



TERTIARY PROGRAMMES OFFERED



PROGRAMMES

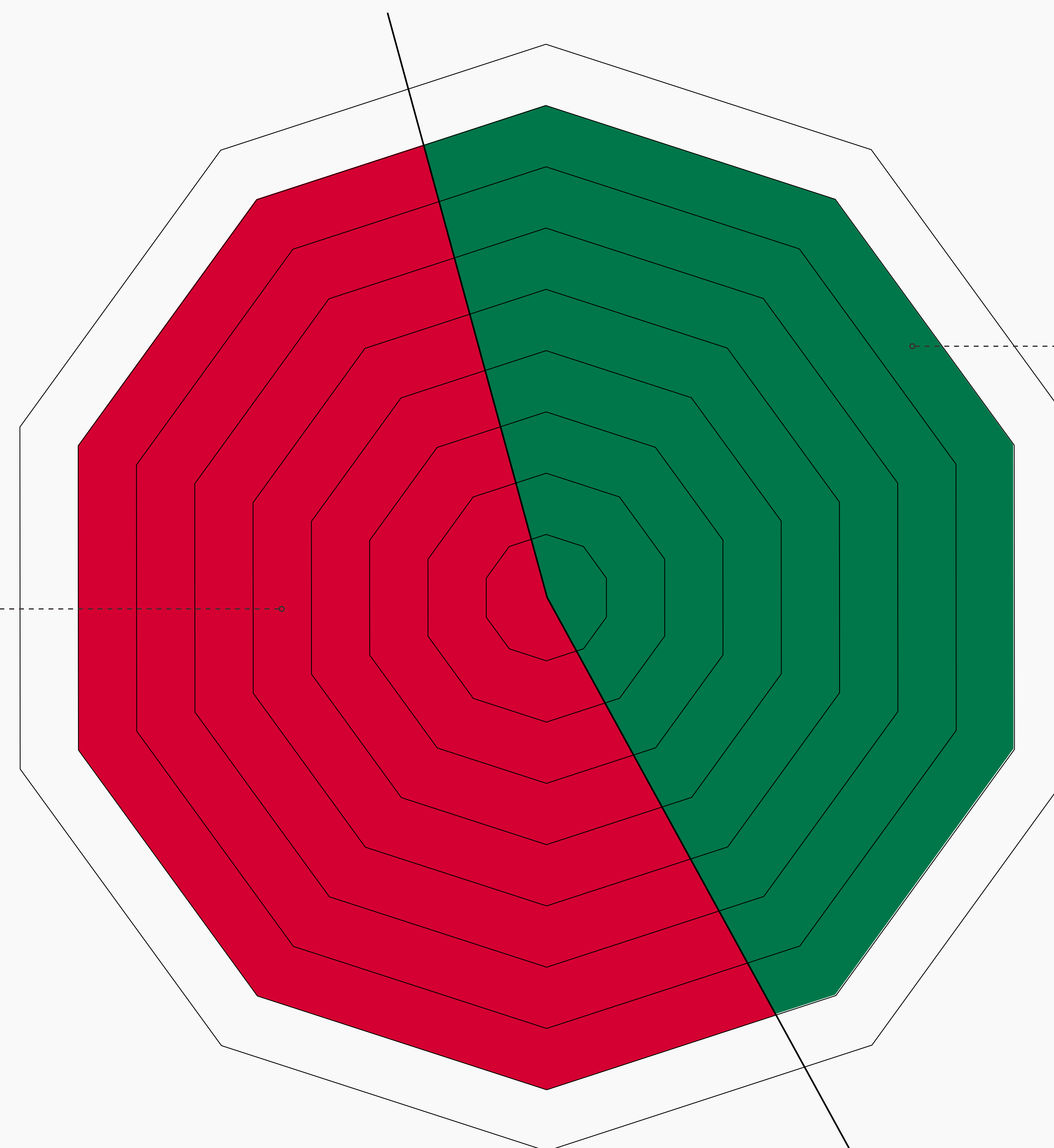
Name of Education Programme Provider	Associate Degree	No. of Persons Enrolled	No of Persons Graduated	No. of Females	No. of Males	Programme Link
Dominica State College	Electrical Engineering and Telecommunication Technology ^[57]	19	21	5	35	https://dsc.edu.dm/associate-degrees/



QUANTITY OF FUEL USED IN THE TRANSPORTATION SECTOR (BOE)

+ There were also 11 Electric Vehicles and 2 Hybrid vehicles recorded for 2022.

145,707.00
Diesel (Road)



125,371.00
Gasoline (Road)



CLIMATE CHANGE FRAMEWORK

Climate Change Policy	National Climate Change Policy and Action Plan (2019-2024) ^[10] Dominica Climate Resilience and Recovery Plan 2020 ^[6] National Resilience Development Strategy Dominica 2030 ^[11]
National Determined Contributions ^[61]	To reduce emissions by 45% below 2014 levels by 2030
PEmissions Reduction Target ^[61]	To reduce emissions by 39% by 2025 and 45% by 2030. Sectoral GHG emission reduction targets by 2030 have also been identified as shown below: <ul style="list-style-type: none"> • Energy Industries - 98.6% • Transportation - 20% • Shipping - 100% • Agriculture - 50% • Manufacturing and Construction - 8.8% • Commercial /Institutional, Residential, Fishing - 8.1% • Solid Waste - 78.6%
Priority Sectors for NDC ^[61]	<ul style="list-style-type: none"> • Energy Industries • Transportation • Shipping • Agriculture • Manufacturing and Construction • Commercial/Industrial • Residential • Fishing • Solid Waste
National Communications (NC) to the UNFCCC	The Commonwealth of Dominica’s Initial National Communication to the United Nations Framework Convention on Climate Change (2001) ^[62] The Commonwealth of Dominica’s Second National Communication to the United Nations Framework Convention on Climate Change (2012) ^[63] Dominica’s Third National Communication to the United Nations Framework Convention on Climate Change (2020) ^[64]

SUMMARY OF DOMINICA’S GHG EMISSIONS AND REMOVALS (Gg) FOR 2017 ^[64]

Source	Emissions (Gg CO2 Equivalent) ⁸		
	Carbon Dioxide (CO ₂)	Methane (CH ₄)	Nitrous Oxide (N ₂ O)
Energy	156.20	1.32	0.0048
Manufacturing Industries & Construction	4.08		
Road Transportation	67.17		
Commercial/Institutional	28.71		
Residential	7.03		
Agriculture/Forestry/Fishing	2.34	0.96	0.0020
Waste		1.53	0.0051

⁸. Gg represents giga grams



BIBLIOGRAPHY



- [1] Eastern Caribbean Central Bank, “Statistics,” Eastern Caribbean Central Bank, 2023. [Online]. Available: <https://www.eccb-centralbank.org/statistics/advance-search>. [Accessed 26 September 2023].
- [2] Government of the Commonwealth of Dominica, “Voluntray National Review of Dominica,” 2023. [Online]. Available: <https://hlpf.un.org/sites/default/files/vnrs/2022/VNR%202022%20Dominica%20Report.pdf>. [Accessed 15 November 2023].
- [3] The World Bank Group, “GNI per capita, Atlas method (current US\$),” The World Bank Group, 2023. [Online]. Available: <https://data.worldbank.org/indicator/NY.GNP.PCAP.CD>. [Accessed 27 July 2023].
- [4] Eastern Caribbean Central Bank, “Statistics,” Eastern Caribbean Central Bank, 2023. [Online]. Available: <https://www.eccb-centralbank.org/statistics/advance-search>. [Accessed 26 September 2023].
- [5] United Nations Development Programme, “Human Developemnt Report 2021/2022,” 8 September 2022. [Online]. Available: https://hdr.undp.org/system/files/documents/global-report-document/hdr2021-22pdf_1.pdf. [Accessed 14 September 2022].
- [6] Government of the Commonwealth of Dominica, “Dominica Climate Resilience and Recovery Plan 2020-2030,” 2020. [Online]. Available: <https://odm.gov.dm/wp-content/uploads/2022/02/CRRP-Final-042020.pdf>. [Accessed 5 July 2023].
- [7] Ministry of Planning, Economic Development, Climate Resilience, Sustainable Development And Renewable Energy, Energy Information, Roseau, Dominica: Private Communication, 2022.
- [8] Dominica Electricity Services Limited, “Distributed Renewable Energy Generation Policy,” 16 May 2016. [Online]. Available: <https://www.ircdominica.org/files/downloads/2016/09/DECISION-2016002D-Renewable-Energy-Generation-Policy.pdf>. [Accessed 31 January 2024].
- [9] Independent Regulatory Commission, Regulatory, Projects in the Pipeline, Electricity Sector and Workforce Data, Roseau: Private Communication, 2023.
- [10] Grantham Research Institute, “National Climate Change Adaptation Policy,” Grantham Research Institute, 2023. [Online]. Available: <https://www.climate-laws.org/geographies/dominica/policies/national-climate-change-adaptation-policy>. [Accessed 15 October 2023].
- [11] Government of the Commonwealth of Dominica, “National Resilience Development Strategy Dominica 2030,” 2020. [Online]. Available: <https://observatorioplanificacion.cepal.org/sites/default/files/plan/files/Dominica%202030The%20National%20Resilience%20Development%20Strategy.pdf>. [Accessed 15 October 2023].
- [12] Dominica Bureau of Standards, “Standards Catalogue,” 2022. [Online]. Available: https://www.dominicastandards.org/images/docs/dbos_standards_catalogue.pdf. [Accessed 16 October 2023].
- [13] Dominica Electricity Services Limited, Electricity and Energy Efficiency, Roseau: Private Communication, 2023.
- [14] Dominica Electricity Services Limited , “Dominica Electricity Services Limited 2022 Annual Report,” 2023. [Online]. Available: <https://www.domlec.dm/download/2022-annual-report/?wpdmdl=1657&refresh=6531425d1e1181697727069>. [Accessed 5 July 2023].
- [15] Customs and Excise Department, St. Lucia, Transportation Data, Roseau: Private Communication, 2023.
- [16] A. Ochs , M. Konold, K. Auth, E. Musolino and P. Killeen, “Caribbean Sustainable Energy Roadmap and Strategy (C-SERMS) Baseline Report and Assessment,” Worldwatch Intitue, Washington, D.C., 2015.
- [17] Ministry of Public Works, Public Utilities and Digital Economy, “About Us,” Ministry of Public Works, Public Utilities and Digital Economy, 2023. [Online]. Available: <https://publicworks.gov.dm/about-us/about>. [Accessed 2 July 2023].
- [18] Ministry of Agriculture, Fisheries, Blue and Green Economy, “Home,” Ministry of Agriculture, Fisheries, Blue and Green Economy, 2023. [Online]. Available: <https://agriculture.gov.dm/>. [Accessed 2 July 2023].
- [19] Government of the Commonwealth of Dominica, “Environment, Rural Modernisation, Kalinago Upliftment and Constituency Empowerment,” Government of the Commonwealth of Dominica, 2023. [Online]. Available: <http://www.dominica.gov.dm/government-publications/41-ministries/138-ministry-of-environment-rural-modernisation-and-kalinago-upliftment>. [Accessed 12 October 2023].
- [20] West Inides Oil Company, Stakeholder and Workforce Data, Roseau: Private Communication, 2023.
- [21] Rubis Oil Company, Stakeholder and Workforce Data, Roseau, Dominica: Private Communication, 2023.
- [22] SOL EC Dominica, Stakeholder and Workforce Data, Roseau: Private Communication, 2023.
- [23] Sukie’s Enterprises, Stakeholder and Workforce Data, Roseau, Dominica: Private Communication, 2023.



BIBLIOGRAPHY



- [24] EMS Limited, Stakeholder and Workforce Data, Roseau, Dominica: Private Communication, 2023.
- [25] Dominica Electricity Services Limited, "Management," Dominica Electricity Services Limited, 2019. [Online]. Available: <https://www.domlec.dm/management-team/>. [Accessed 5 July 2023].
- [26] Dominica Geothermal Development Company Limited, "Who We Are," Dominica Geothermal Development Company Limited, 2018. [Online]. Available: <https://www.geodominica.dm/who-we-are/>. [Accessed 5 July 2023].
- [27] Independent Regulatory Commission, "Management and Staff," Independent Regulatory Commission, 2020. [Online]. Available: <https://www.ircdominica.org/about-us/management-staff/>. [Accessed 5 July 2023].
- [28] Government of the Commonwealth of Dominica, "Units, Divisions and Departments," Government of the Commonwealth of Dominica, 2023. [Online]. Available: <https://finance.gov.dm/about-us/divisions-and-units>. [Accessed 12 October 2023].
- [29] Climate Resilience Execution Agency for Dominica, "About CREAD," Climate Resilience Execution Agency for Dominica, [Online]. Available: <https://www.creadominica.org/about-us-1#:~:text=CREAD%20acts%20to%20bolster%20the,the%20local%20impacts%20of%20global>. [Accessed 12 October 2023].
- [30] Dominica Bureau of Standards, "About Us," Dominica Bureau of Standards, 2023. [Online]. Available: <https://www.dominicastandards.org/about-us>. [Accessed 12 October 2023].
- [31] Independent Regulatory Commission, "Administrative, Policy, Etc.," 2020. [Online]. Available: <https://www.ircdominica.org/administrative-policy-etc/>. [Accessed 15 October 2023].
- [32] Government of the Commonwealth of Dominica, "Climate Resilience Act 2018, ACT 16 of 2018," 2018. [Online]. Available: <https://dominica.gov.dm/laws/2018/Climate%20Resilience%20Act%202018.pdf>. [Accessed 23 October 2023].
- [33] Government of the Commonwealth of Dominica, "Geothermal Energy Act No. 24," 1974. [Online]. Available: https://elaw.org/sites/default/files/content_type_law_attachment/Geothermal%20Energy%20Act%201974.pdf. [Accessed 15 October 2023].
- [34] Government of the Commonwealth of Dominica, "Electricity Supply Act Act 10," 2006. [Online]. Available: <https://dominica.gov.dm/laws/2006/act10-2006.pdf>. [Accessed 5 July 2023].
- [35] Government of the Commonwealth of Dominica, "Geothermal Resources Development," 2016. [Online]. Available: <https://dominica.gov.dm/laws/2016/Geothermal%20Resources%20Development%20Act%202016.pdf>. [Accessed 5 July 2023].
- [36] Government of the Commonwealth of Dominica, "Geothermal Resources Development (Commencement) Order," 2017. [Online]. Available: [https://dominica.gov.dm/laws/2017/Geothermal%20Resources%20Development%20\(Commencement\)%20%20Order%202017.pdf](https://dominica.gov.dm/laws/2017/Geothermal%20Resources%20Development%20(Commencement)%20%20Order%202017.pdf). [Accessed 5 July 2023].
- [37] Government of the Commonwealth of Dominica, "Draft National Energy Policy of the Commonwealth of Dominica," 2011. [Online]. Available: http://www.oas.org/en/sedi/dsd/Energy/Doc/OAS-DominicaNEP_web.pdf. [Accessed 6 6 2021].
- [38] Government of the Commonwealth of Dominica, "National Energy Action Plan," 2011, December 2011. [Online]. Available: https://www.oas.org/en/sedi/dsd/Energy/Doc/OAS-DominicaEAP_web.pdf. [Accessed 31 January 2024].
- [39] Government of the Commonwealth of Dominica, "Low Carbon Climate Resilient Development Strategy and Compendium," 2012. [Online]. Available: https://unfccc.int/files/cooperation_support/nama/application/pdf/dominica_low_carbon_climate_resilient_strategy_%28finale%29.pdf. [Accessed 6 6 2021].
- [40] Independent Regulatory Commission, Dominica, "Decision on Integrated Resource Plan and related five year investment plan," 2015. [Online]. Available: <https://www.ircdominica.org/download/integrated-resource-plan-related-5-year-investment-plan/>. [Accessed 16 7 2021].
- [41] J. Grütter, "Transport Diagnostic Dominica," Grütter Consulting, Roseau, Dominica, 2022.
- [42] Government of the Commonwealth of Dominica, "Geothermal Energy Act, Chapter 85:02," 1974. [Online]. Available: <https://dominica.gov.dm/laws/chapters/chap85-02.pdf>. [Accessed 18 October 2023].
- [43] Government of the Commonwealth of Dominica, "Electricity Supply Act 10," 2006. [Online]. Available: <https://www.domlec.dm/download/electricity-supply-act/?wpdmdl=587&refresh=64e7b47baf48f1692906619>. [Accessed 31 January 2024].
- [44] Inland Revenue Dominica, Policy, Legal and Regulatory Framework, Roseau, Dominica: Interview, 2023.
- [45] Customs and Excise Division, "Vehicle Importation," 2023. [Online]. Available: [https://customs.gov.dm/index.php/trade/imports/vehicle-importation#:~:text=The%20duties%20and%20taxes%20paid,Insurance%2C%20and%20Freight\)%20Value](https://customs.gov.dm/index.php/trade/imports/vehicle-importation#:~:text=The%20duties%20and%20taxes%20paid,Insurance%2C%20and%20Freight)%20Value). [Accessed 31 January 2024].
- [46] Government of the Commonwealth of Dominica, "Climate Resilience (Extension of duration) Order 2021, SRO 44 of 2021," 2021. [Online]. Available: [https://dominica.gov.dm/laws/2021/Climate%20Resilience%20\(Extension%20of%20duration\)%20Order,%202021%20sro%2044%20of%202021.pdf](https://dominica.gov.dm/laws/2021/Climate%20Resilience%20(Extension%20of%20duration)%20Order,%202021%20sro%2044%20of%202021.pdf). [Accessed 23 October 2023].



BIBLIOGRAPHY



- [47] Government of the Commonwealth of Dominica, "Fiscal Incentives Act Chapter 84:51," 1973. [Online]. Available: <https://www.dominica.gov.dm/laws/chapters/chap84-51.pdf>. [Accessed 18 October 2023].
- [48] Government of the Commonwealth of Dominica, "Fiscal Incentives Amendment Act No. 3 of 2019," 2019. [Online]. Available: [https://www.dominica.gov.dm/laws/2019/Fiscal%20Incentives%20\(Amendment\)%20Act%202019.pdf](https://www.dominica.gov.dm/laws/2019/Fiscal%20Incentives%20(Amendment)%20Act%202019.pdf). [Accessed 18 October 2023].
- [49] Government of the Commonwealth of Dominica, "Income Tax Act, Chapter 67:01," 1982. [Online]. Available: <https://www.dominica.gov.dm/laws/chapters/chap67-01.pdf>. [Accessed 19 October 2023].
- [50] Government of the Commonwealth of Dominica, "Income Tax Amendment Act, No. 13 of 2015," 2015. [Online]. Available: [https://www.dominica.gov.dm/laws/2015/Income%20Tax%20\(Amendment\)%20Act,%202015.pdf](https://www.dominica.gov.dm/laws/2015/Income%20Tax%20(Amendment)%20Act,%202015.pdf). [Accessed 18 October 2023].
- [51] Government of the Commonwealth of Dominica, "Income Tax Amendment Act, No. 6 of 2018," 2018. [Online]. Available: [https://www.dominica.gov.dm/laws/2018/Income%20Tax%20\(Amendment\)%20Act,%202018%20\(Act%20No.%206%20of%202018\).pdf](https://www.dominica.gov.dm/laws/2018/Income%20Tax%20(Amendment)%20Act,%202018%20(Act%20No.%206%20of%202018).pdf). [Accessed 18 October 2023].
- [52] Government of the Commonwealth of Dominica, "Value Added Tax Act 2005, Act 7, of 2005," 2005. [Online]. Available: <https://www.dominica.gov.dm/laws/2005/act7-2005.pdf>. [Accessed 18 October 2023].
- [53] Government of the Commonwealth of Dominica, "VAT Amendment Act, No. 4 of 2006," 2006. [Online]. Available: <https://www.dominica.gov.dm/laws/2006/act4-2006.pdf>. [Accessed 18 October 2023].
- [54] Government of the Commonwealth of Dominica, "VAT Amendment Act, No. 12 of 2015," 2015. [Online]. Available: [https://www.dominica.gov.dm/laws/2015/Value%20Added%20Tax%20\(Amd\)%20Act%202015.pdf](https://www.dominica.gov.dm/laws/2015/Value%20Added%20Tax%20(Amd)%20Act%202015.pdf). [Accessed 18 October 2023].
- [55] Government of the Commonwealth of Dominica, "VAT Amendment Act, No. 4 of 2016," 2016. [Online]. Available: [https://www.dominica.gov.dm/laws/2016/Value%20Added%20Tax%20\(Amendment\)%20Regulations,%202016,%20SRO%2049%20of%202016.pdf](https://www.dominica.gov.dm/laws/2016/Value%20Added%20Tax%20(Amendment)%20Regulations,%202016,%20SRO%2049%20of%202016.pdf). [Accessed 18 October 2023].
- [56] D. G. D. C. Limited, Interviewee, Projects in the Pipeline. [Interview]. 2023.
- [57] Dominica State College Registrar, Tertiary Level & Vocational Training Sustainable Energy Programmes Offered, Roseau, Dominica: Private Communication, 2023.
- [58] Central Statistics Office, Transportation Sector Data, Roseau, Dominica: Private Communication, 2023.
- [59] Ministry of Trade, Commerce, Entrepreneurship, Innovation, Business and Export Development, Transportation Sector Data, Roseau, Dominica: Private Communication, 2023.
- [60] Customs Department, Transport Sector Data, Roseau, Dominica: Private Communication, 2023.
- [61] Government of the Commonwealth of Dominica, "Updated Nationally Determined Contribution for the Period 2020 to 2030," 4 July 2022. [Online]. Available: <https://unfccc.int/sites/default/files/2022-07/The%20Commonwealth%20of%20Dominica%20updated%20NDC%20July%204%20%2C.pdf>. [Accessed 5 July 2023].
- [62] Government of the Commonwealth of Dominica, "Commonwealth of Dominica Initial National Communication," October 2001. [Online]. Available: <https://unfccc.int/sites/default/files/resource/Dominica%20INC.pdf>. [Accessed 5 July 2023].
- [63] Government of the Commonwealth of Dominica, "Commonwealth of Dominica Second National Communication," 2012. [Online]. Available: <https://unfccc.int/sites/default/files/resource/dmanc2.pdf>. [Accessed 5 July 2023].
- [64] Government of Commonwealth of Dominica, "Commonwealth of Dominica Third National Communication to the United Nations Framework Conventional on Climate Change," 20 March 2020. [Online]. Available: <https://unfccc.int/sites/default/files/resource/Dominica%20TNC%20-%20Final%20%28March%202020%29.pdf>. [Accessed 5 July 2023].
- [65] PickAAT Innovations, Workforce Data, Roseau, Dominica: Private Communication, 2023.