

# 2023 ENERGY REPORT CARD MONTSERRAT





# Introduction

This is the Energy Report Card (ERC) for 2023 for Montserrat.

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; workforce; 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](mailto:energyreportcard@ccreee.org), under the subject: REQUEST FOR CORRECTION TO ERC 2023 FOR MONTSERRAT.

## Acknowledgements

The CCREEE acknowledges the contributions of the Ministry of Communication, Works, Labour and Energy, and thanks Ms. Marrison Allen, Director of Energy for her supervision of the intern, Seigel Rodney who supported the preparation of the ERC.



## Energy Sector Summary

<b>Population (Census)</b>	4,294 [1]
<b>GDP (USD)</b>	\$ 80,227,855.27 [1]
<b>GDP (USD) Per Capita</b>	\$ 15,673.24 [1]
<b>Gross National Income (GNI) Per Capita (USD)</b>	Not Available
<b>Debt as % of GDP</b>	3.6% [1]
<b>Human Development Index</b>	Not Available
<b>National Development Plan/Overall Country Development Strategy</b>	Economic Growth Strategy and Delivery Plan For Montserrat (2018) [2]
<b>National Energy Policy</b>	The Power To Change: The Montserrat Energy Policy 2016-2030 [3]
<b>Renewable Energy (RE) Policy</b>	None
<b>Renewable Energy Target</b>	100% by 2030 [3]
<b>Energy Efficiency Target</b>	None
<b>Total Installed Conventional Capacity (MW)</b>	7.1 MW[6]
<b>Total Installed RE (MW)</b>	1 MW [6]
<b>Electricity System Losses (%)</b>	8.67% [6]

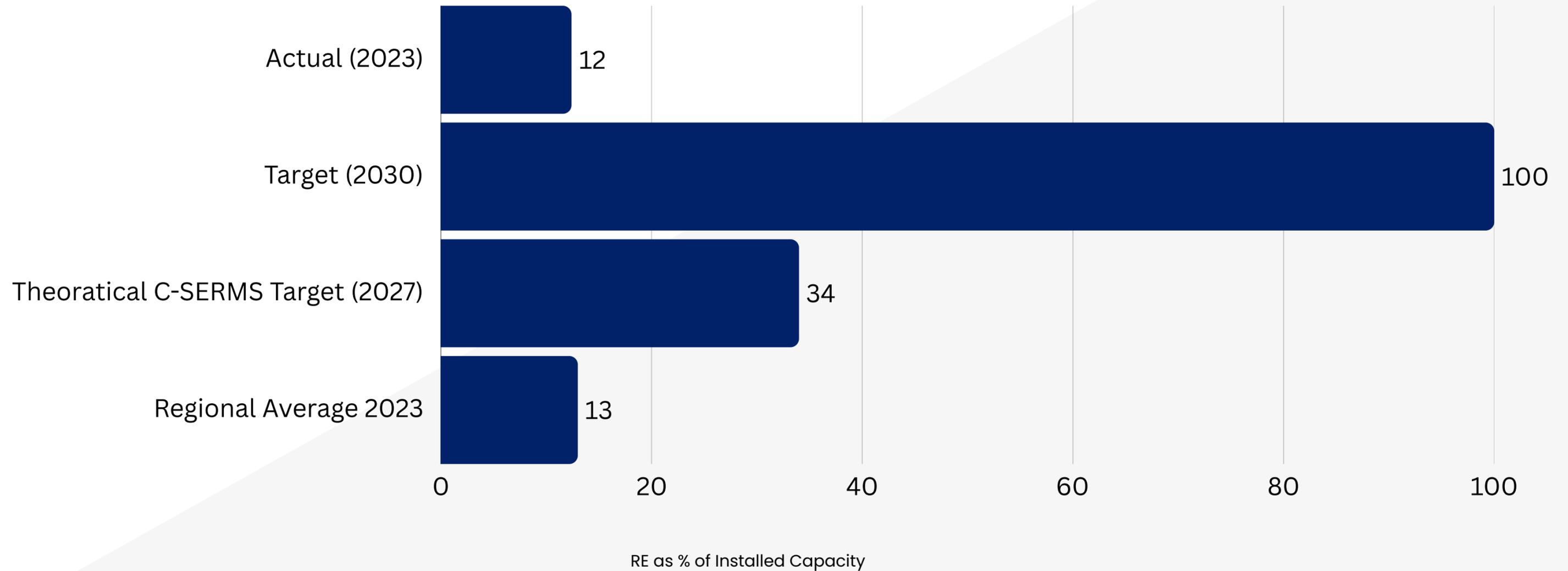
<b>Energy Performance Standards/Appliance Labelling</b>	None
<b>Energy Use (kWh) Per Capita</b>	2,492 kWh
<b>National Repository for Energy Data</b>	Ministry of Communication, Works, Labour and Energy (MCWLE) [8]
<b>Climate Change Policy</b>	National Climate Change Policy for Montserrat (Draft) (2011) [5]
<b>Nationally Determined (NDC) Summary [10]</b>	Not Applicable <sup>1</sup>

<sup>1</sup> - Montserrat is a crown colony of the United Kingdom. The United Kingdom Government indicated that they would consult with UK Crown Dependencies and Overseas Territories on extending the Paris Agreement and the UK's NDC to cover their emissions at an appropriate point in the future



# Energy Sector Performance [9] [10]

### Renewable Energy Capacity Against Targets





## Government Ministries, Departments and Agencies

Ministry of Communication, Works, Labour and Energy (MCWLE) [11]

- Department of Energy

Ministry of Agriculture, Lands, Housing, and the Environment (MAHLE) [12]

## Fuel Importers & Suppliers

Delta Petroleum [13]  
A & F Gas Station [13]  
Osborne Service Station [13]



## Independent Power Producer

None

## Electricity Regulator

None

## Electric Utility

Montserrat Utilities Limited (MUL) [14]



## Policy, Legal and Regulatory (PLR) Framework

	Year	Status
Energy Policy [3]	2016	In Force
Energy Action Plan [10]	2016	In Force
RE Target [3]	2016	In Force
EE Target		Not Established
Electricity Regulator		Not Established
Net Billing/Net Metering		Not Established
Interconnection Policy/Standards		Not Established
Feed-In-Tariff		Not Established
Integrated Resource and Resilience Plan		Not Established
RE/EE Act [30]		Not Established



# Policy, Legal and Regulatory (PLR) Framework

## Key Achievements: PLR Framework Timeline for Electricity Sub-Sector



## Policies Relevant to the Energy Sector

Year	Name	Status	Description
2016	The Power to Change: The Montserrat Energy Policy 2016- 2033 [3]	In Force	The Policy aims to educate the population on energy conservation and create modern energy infrastructure inclusive of renewable energy, supported by well-defined and established governance, institutional, legal, and regulatory frameworks.
2016	Montserrat Energy Strategy [10]	In Force	
2018	Economic Growth Strategy and Delivery Plan for Montserrat [17]	In Force	Proposes the establishment of a 100% renewable energy target for both the electricity and transport sectors for 2030. The policy focuses on utility scale geothermal generation, wind and waste-to-energy and distributed solar

2 - In 2024 the Montserrat Utilities Limited (MUL) Act was amended [16]



# Policy, Legal and Regulatory (PLR) Framework

## Legislation Relevant to the Energy Sector

Year	Name	Status	Description
1892	Petroleum Act (Revised 2002) [18]	In Force	The Act enables the Ministry with responsibility for energy to outline the storage requirements, importation, quality testing and importation of petroleum to the island.
1888	Merchant Shipping (Agreements) Act(Revised 2013) [19]	In Force	The Act outlines the operations of merchants and ship operators in the waters of Montserrat, as well as the transportation of goods. The Act also outlines the liabilities for actions taken in the waters.
1951	Road Traffic Act (Revised 2013)[20]	In Force	The Road Traffic Act provides the guidelines for road usage and the operation of motor vehicles on the roads of Montserrat, as well as the restrictions for the importation of vehicles.
2007	Montserrat Utilities Limited (MUL) Act (Revised 2013) [15]	In Force	Provides the guide for operation for the electricity and water providers in Montserrat. The Act authorises the Montserrat Utilities Limited to generate, transmit, distribute and supply electricity as well as the ability to prospect and harness geothermal power or any other source
2013	Merchant Shipping (Registration) Act (Revised 2013 and 2019) [21]	In Force	The Act details the registration criteria for ships as a Montserratian ship, including operation and liability for ships.



# Policy, Legal and Regulatory (PLR) Framework

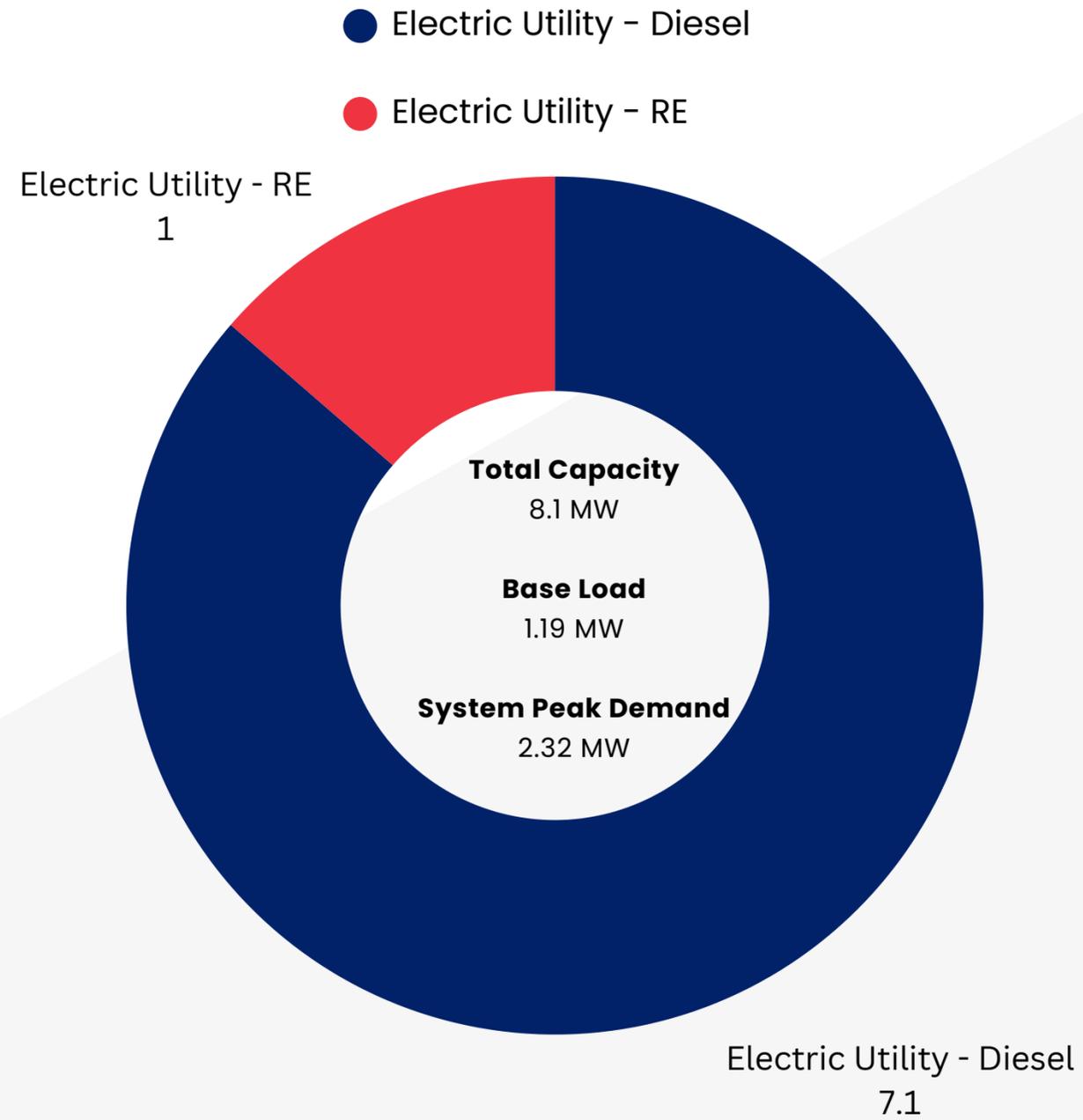
## Renewable Energy and Energy Efficiency Fiscal Incentives

Year	Name	Status	Description
2019	Customs Duties and Consumptions Tax (Electric and Hybrid Vehicles) (Exemption) Order (Updated in 2021) [21]	In Force	Exemption from Customs Duties and Consumption Tax on the importation of 100% electric vehicle, a plug-in hybrid vehicle or a hybrid vehicle other than a plug-in hybrid vehicle.



# Electricity and Energy Efficiency[9] [10]

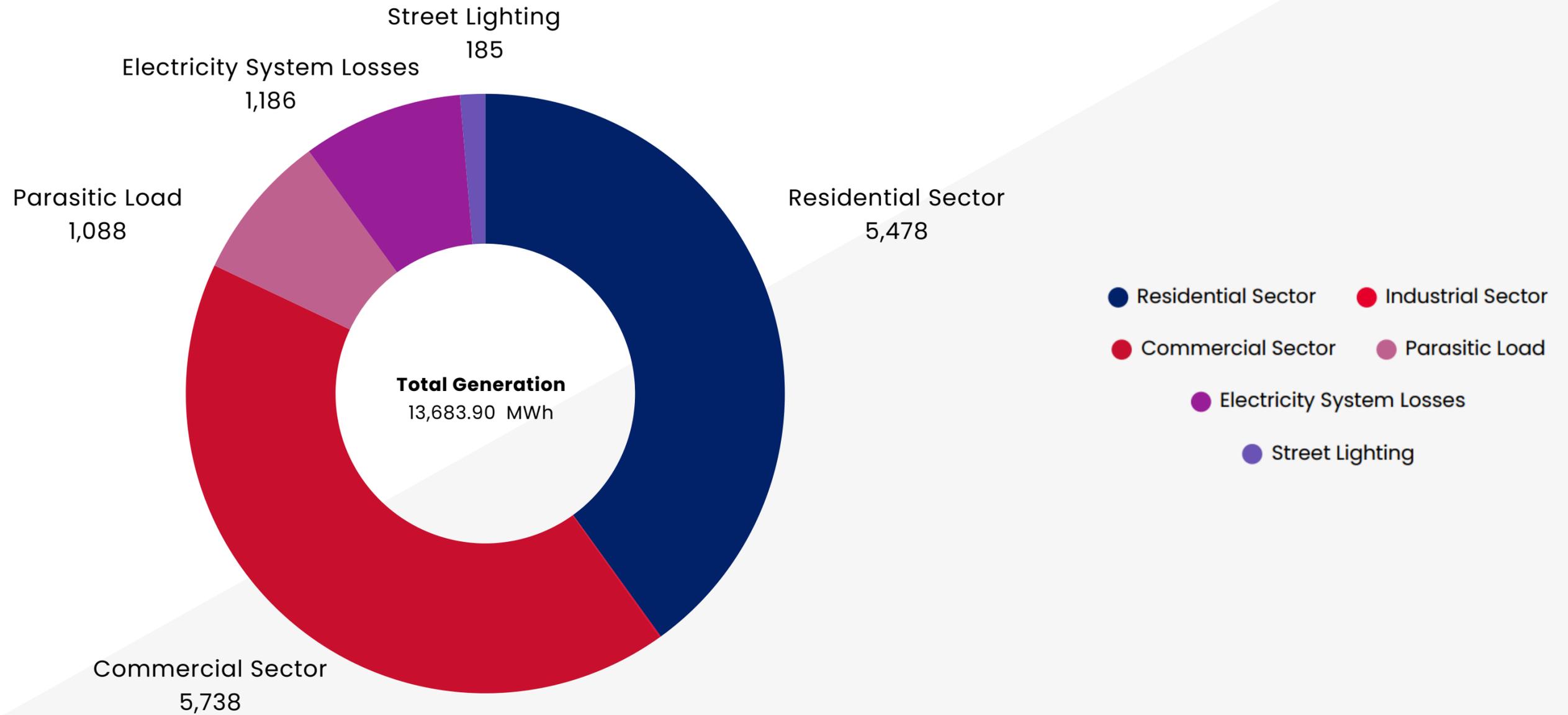
## Installed Capacity (MW)





# Electricity and Energy Efficiency [9] [10]

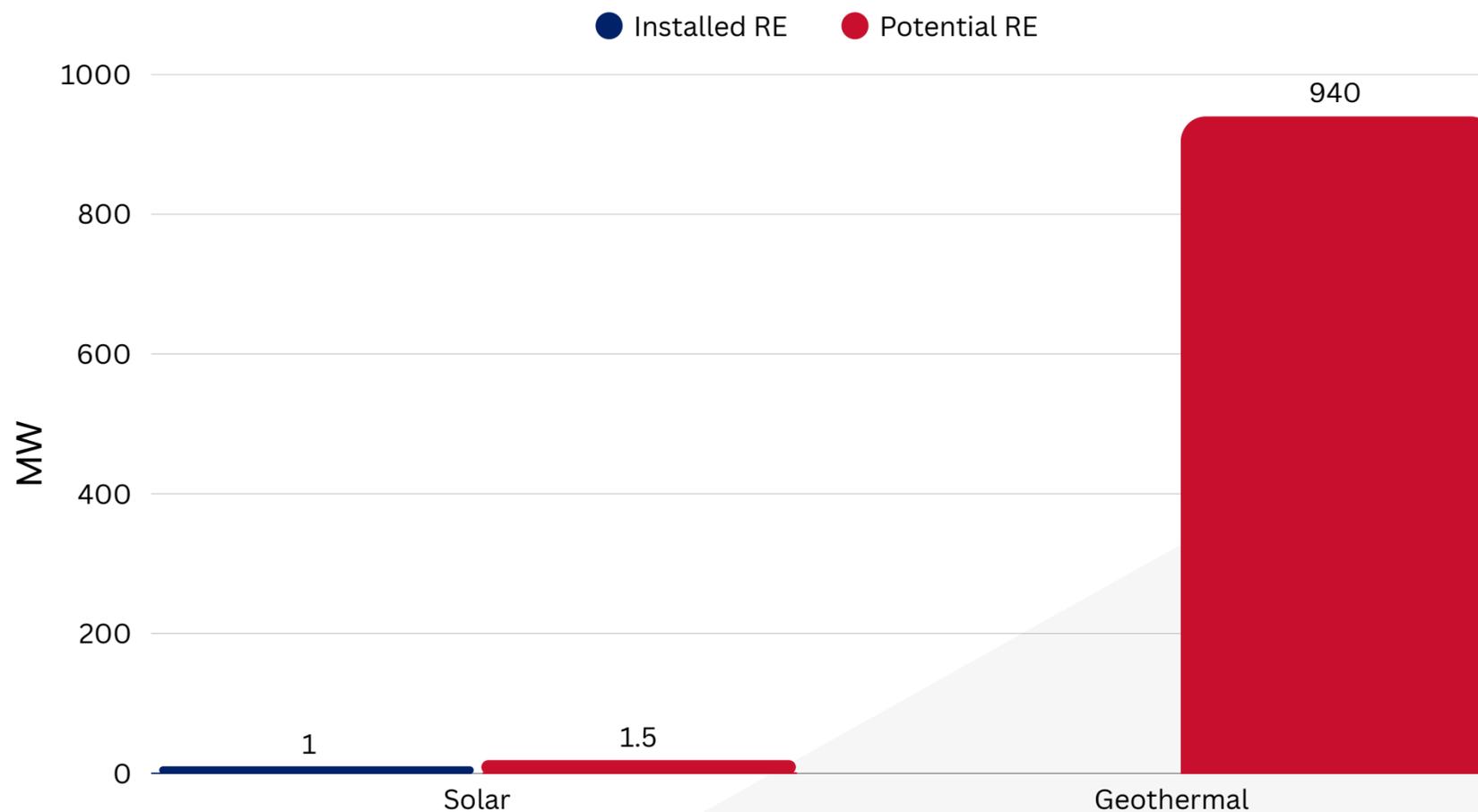
## Energy Generation (MWh)





# Electricity and Energy Efficiency [9] [10]

## Renewable Energy Resources



## Electricity Tariffs [22] <sup>3</sup>

Rate Class		(US\$/kWh)
Residential	First 75 kWh	\$ 0.46
	Above 75 kWh	\$ 0.49
Commercial		\$0.48
Industrial/Large Power		\$ 0.46
Street Lighting <sup>4</sup>		\$ 0.48

3 - The electricity tariffs include the average Fuel Surcharge of US\$ 0.29 per kWh

4 - Streetlights are billed at Commercial Tariff



## Projects in the Pipeline

There were no Programmes, Renewable Energy or Energy Efficiency Projects reported for 2023.

## Tertiary Programmes Offered

Montserrat does not provide any tertiary level or vocational training for this sector. The government, however, sponsors external training based on a priority needs listing which includes:

- MSc Renewable Energy, Technology and Sustainability
- Bachelor of Science Degree Major – Electricity/Electronics
- BSc in Electrical Engineering

[24].



## Climate Change Framework

<b>Climate Change Policy</b>	National Climate Change Policy for Montserrat (Draft) [5]
<b>Nationally Determined Contributions Summary</b> <sup>4</sup>	Not Applicable
<b>Green House Reduction Target</b>	Not Applicable
<b>Priority Sectors for NDC</b>	Not Applicable
<b>National Communications (NC) to the UNFCCC</b>	Not Applicable

4 - Montserrat is a crown colony of the United Kingdom. The United Kingdom Government indicated that they will consult with UK Crown Dependencies and Overseas Territories on extending the Paris Agreement and the UK's NDC to cover their emissions at an appropriate point in the future



## References

- [1] Statistics Department, Ministry of Finance and Economic Management, Socio-Economic Data and Information, Plymouth, Montserrat: Private Communications, 2024.
- [2] Government of Montserrat, “Economic Growth Strategy and Delivery Plan for Montserrat,” Feb 2018. [Online]. Available: <https://www.gov.ms/wp-content/uploads/2022/10/Economic-Growth-Strategy-and-Delivery-Plan-for-Montserrat-2018.pdf>. [Accessed 3 Jul 2024].
- [3] Government of Montserrat, “Montserrat Energy Strategy,” January 2016. [Online]. Available: <https://www.gov.ms/wp-content/uploads/2020/07/The-Power-to-Change-MNEP-Cabinet-Approved.pdf>. [Accessed 3 July 2024].
- [4] Government of Montserrat , 2011. [Online]. Available: <http://agc.gov.ms/wp-content/uploads/2011/10/10.12-Petroleum-Act.pdf>. . [Accessed 20 March 2024].
- [5] Government of Montserrat, Ministry of Agriculture, Trade, Lands, Housing and the Environment, “Montserrat’s Climate Change Policy,” Government of Montserrat, Plymouth , 2011.
- [6] Montserrat Utilities Limited, Electricity & Energy Efficiency Data, Plymouth, Montserrat: Private Communication, 2024.
- [7] Ministry of Transport Sector , Transport Data, Plymouth, 2024.
- [8] Government of Montserrat , Ministry of Communication, Works, Labour and Energy (MCWLE), Plymouth , 2024.
- [9] A. Ochs , M. Konold, K. Auth, E. Musolino and P. Killeen, “Caribbean Sustainable Energy Roadmap and Strategy (C-SERMS) Baseline Report and Assessment,” Worldwatch Institute, Washington, D.C., 2015.
- [10] Ministry of Communication, Works, Labour and Energy, “Montserrat Energy Strategy,” March 2016. [Online]. Available: <https://www.gov.ms/wp-content/uploads/2020/07/Energy-Strategy.pdf>. [Accessed 3 Jul 2024].
- [11] Ministry of Education, Youth Affairs and Sports - Montserrat, “Mr Colin Fergus Appointed New Permanent Secretary for Ministry of Education, Youth Affairs and Sports on Montserrat,,” n.d.. [Online]. Available: <https://www.mnialive.com/articles/mr-colin-fergus-appointed-new-permanent-secretary-for-ministry-of-education-youth-affairs-and-sports-on-montserrat/>. [Accessed 20 June 2024].
- [12] Government of Montserrat, “Ministry of Agriculture, Lands, Housing & Environment,” 2024. [Online]. Available: <https://www.gov.ms/government/ministries/ministry-of-agriculture-lands-housing-environment/>. [Accessed 20 Jun 2024].
- [13] Delta Petroleum Group, “Montserrat,” 2019. [Online]. Available: <https://www.deltacaribbean.com/montserrat/>. [Accessed 3 Jul 2024].
- [14] Montserrat Utilities Limited, “Our Electricity,” 2023. [Online]. Available: <https://mul.ms/our-electricity/>. [Accessed 2 Jul 2024].
- [15] G. o. Montserrat, “Montserrat Utilities Limited (MUL) Act,” 13 Jan 2013. [Online]. Available: <https://www.gov.ms/wp-content/uploads/2020/06/Montserrat-Utility-Ltd-MUL-Act.pdf>. [Accessed June 2023].
- [16] Montserrat Utilities Limited, “Amendment Act 2024 No. 4 of 2023 Arrangement of Sections,” May 2024. [Online]. Available: <https://www.gov.ms/wp-content/uploads/2024/05/Act-No.-4-of-2024-Montserrat-Utilities-Limited-Amendment-Act.pdf>. [Accessed 21 Aug 2024].
- [17] Government of Montserrat, “Economic Growth Strategy and Delivery Plan for Montserrat,” 2018. [Online]. Available: <https://www.gov.ms/wp-content/uploads/2022/10/Economic-Growth-Strategy-and-Delivery-Plan-for-Montserrat-2018.pdf>. [Accessed June 2023].
- [18] Government of Montserrat, “Petroleum Act,” 1 Jan 2002. [Online]. Available: <http://agc.gov.ms/wp-content/uploads/2011/10/10.12-Petroleum-Act.pdf>. [Accessed 20 Mar 2024].
- [19] Government of Montserrat, “Merchant Shipping (Agreements) Act,” 2013. [Online]. Available: <http://agc.gov.ms/wp-content/uploads/Merchant-Shipping-Act.pdf>. [Accessed 25 March 2025].
- [20] Government of Montserrat, “Road Traffic Act,” 2013. [Online]. Available: <http://agc.gov.ms/wp-content/uploads/2011/10/7.06-Road-Traffic-Act.pdf>. [Accessed 25 March 2025].
- [21] Government of Montserrat, “Merchant Shipping (Registration) Act,” 2019. [Online]. Available: <http://agc.gov.ms/wp-content/uploads/Merchant-Shipping.pdf>. [Accessed 25 March 2025].
- [22] Government of Montserrat, “Montserrat Statutory Rules and Orders S.R.O #23 of 2022 Customs Duties and Consumption Tax (Electric and Hybrid Vehicles) (Exemption and Reduction) order arrangement of order,” 2022. [Online]. Available: <https://www.gov.ms/wp-content/uploads/2022/04/SRO-No.-23-of-2022-Customs-Duties-and-Consumption-Tax-Electric-and-Hybrid-Vehicles-Exemption-and-Reduction-Order.pdf>. [Accessed 4 July 2024].
- [23] Montserrat Utilities Limited, Energy Tariff Data, Plymouth, Montserrat: Private Communication, 2024.
- [24] Government of Montserrat, “LIST OF PRIORITY AREAS FOR LONG-TERM TRAINING AND DEVELOPMENT 2023/2024,” May 2023. [Online]. Available: <https://www.gov.ms/wp-content/uploads/2023/05/Press-Release-Priority-List-General-Public.pdf>. [Accessed 2 April 2025].