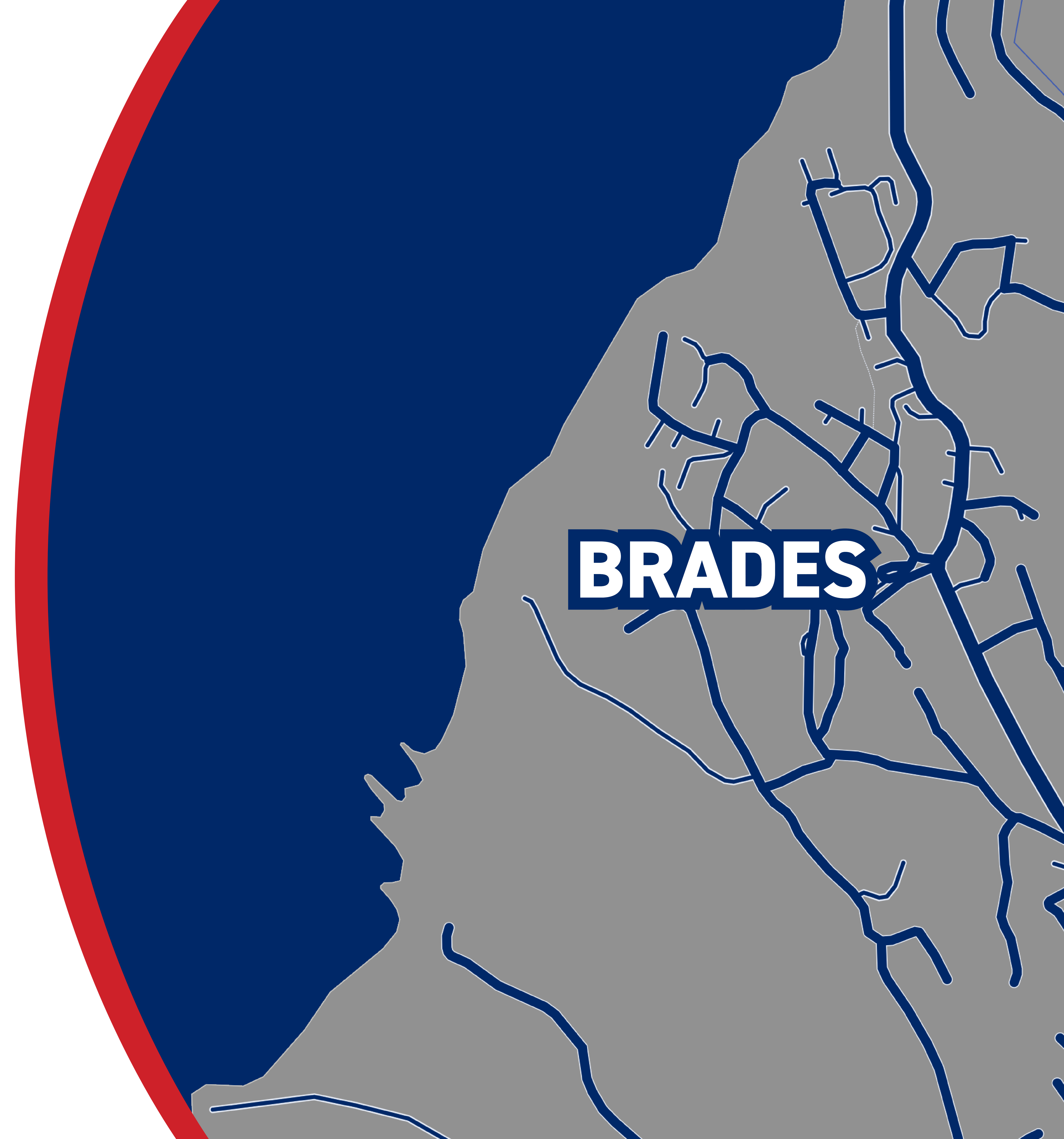


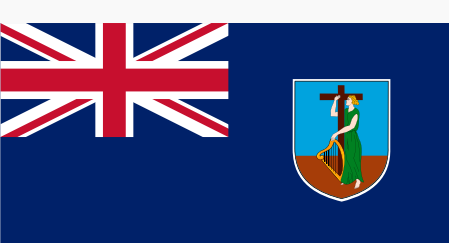
MONTSERRAT

ENERGY REPORT CARD (ERC) FOR 2022



BRADES





INTRODUCTION



This is the Energy Report Card (ERC) for 2022 for the 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

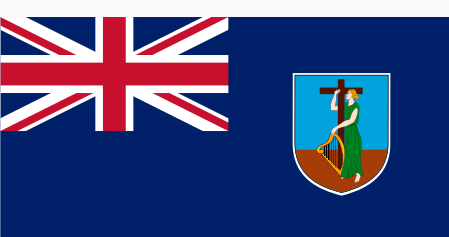
If a substantive error is detected after the ERC is disseminated, the CCREEE will make corrections and issue an errata notice, or other notification as appropriate. Also, the information contained within the ERC may be revised, after initial dissemination to reflect more complete information or other 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 MONTSERRAT.

Acknowledgements

The CCREEE acknowledges the contributions of the Ministry of Communications, Work, Labour, and Energy Montserrat, and thanks Ms. Marissa Allen, Director of Energy (Ag) in the Department of Energy in the Ministry, for her supervision of the intern, Adia Page, who supported the preparation of the ERC.



ENERGY SECTOR SUMMARY

+ SOCIOECONOMIC POLICIES

Economic Growth Strategy and Delivery Plan for Montserrat (2018)^[2]

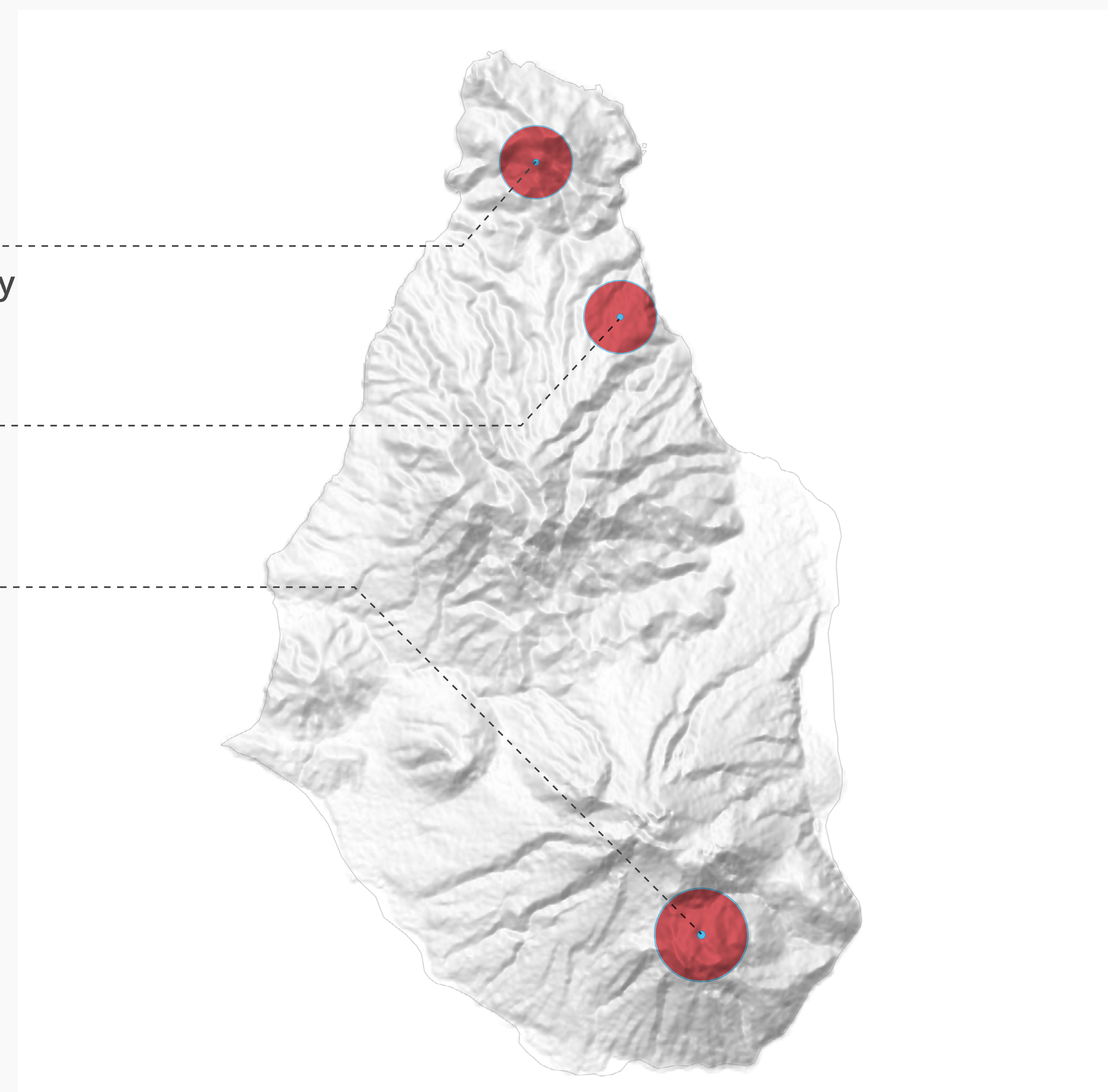
National Development Plan/ Overall Country Development Strategy

The Power to Change: The Montserrat Energy Policy 2016-2030^[3]

National Energy Policy

None

Renewable Energy (RE) Policy



+ OTHER ENERGY SECTOR SUB-POLICIES

Climate Change Policy	National Climate Change Policy for Montserrat (Draft) (2011) ^[5]
National Determined Contributions (NDC)	Not Applicable ²
Energy Performance Standards/Appliance Labelling	None

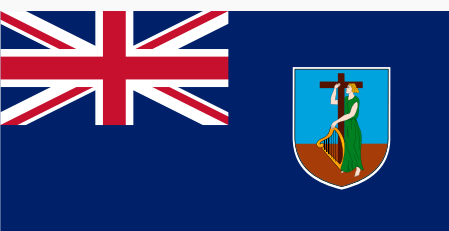
+ SOCIOECONOMICS

Population Census/ Projection	4,433 ^[1]
GDP (USD)	\$187,320,005.73 ¹
GDP (USD) Per Capita	\$42,255.81 ^[1]
Debt as % of GDP	4.6% ^[1]
Human Development Index	Not Applicable
RE Target	100% by 2030 ^[3]

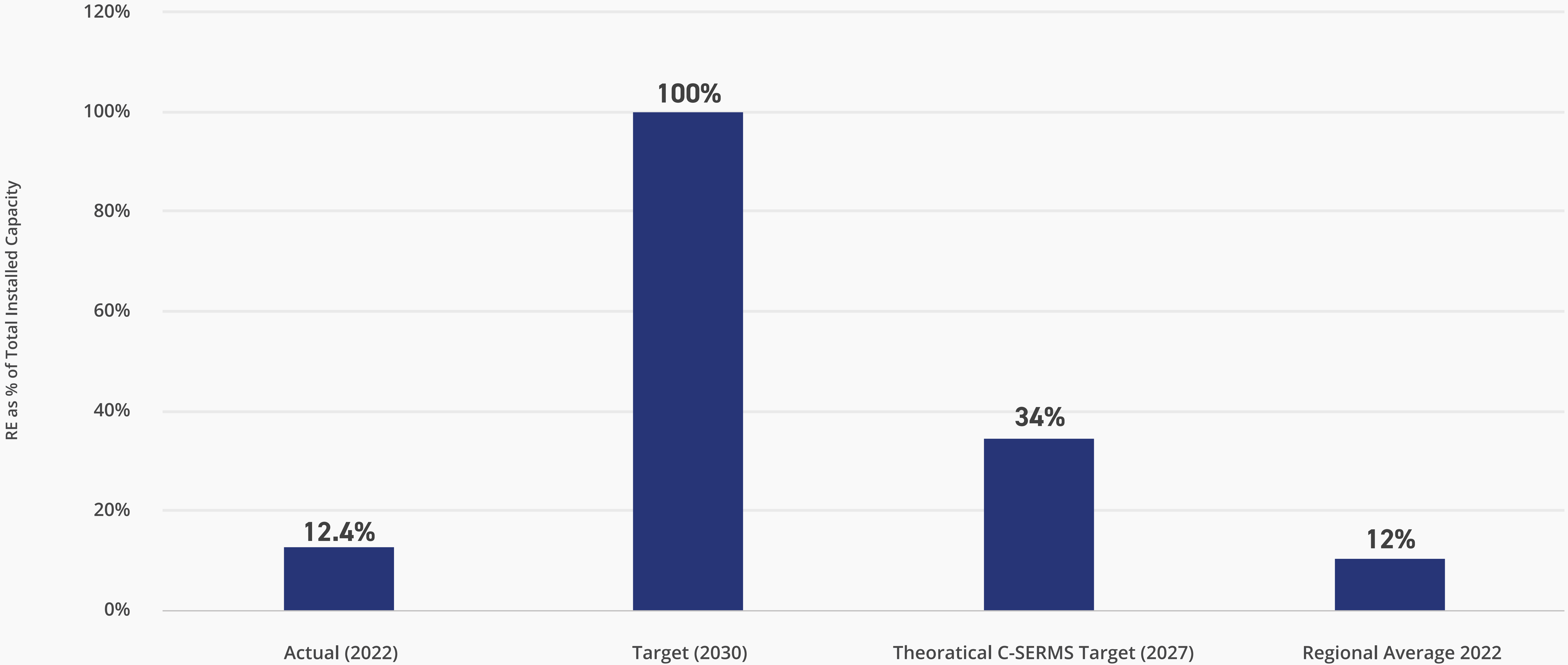
Total Installed Conventional Capacity (MW)	7.09 MW ^[4]
Total Installed RE (MW)	1 MW ^[4]
Electricity System Losses ⁴ (%)	8.66% ^[4]
Energy Use (kWh) Per Capita	2,491 kWh ^[4]
National Repository for Energy Data	Montserrat Statistics Department ^[6]

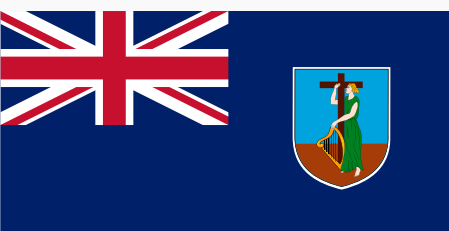
1. Calculated based on population and GDP per capita

2. 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.



RENEWABLE ENERGY INSTALLED CAPACITY AGAINST TARGETS





KEY ENERGY STAKEHOLDERS

Electricity Regulator

None

Government Ministries, Departments and Agencies

Ministry of Communications, Work, Energy and Labour (MCWEL)^[8]

- Department of Energy ^[9]

Ministry of Agriculture, Lands, Housing, and the Environment (MAHLE) ^[10]

Fuel Importers & Suppliers

Delta Petroleum Limited ^[11]

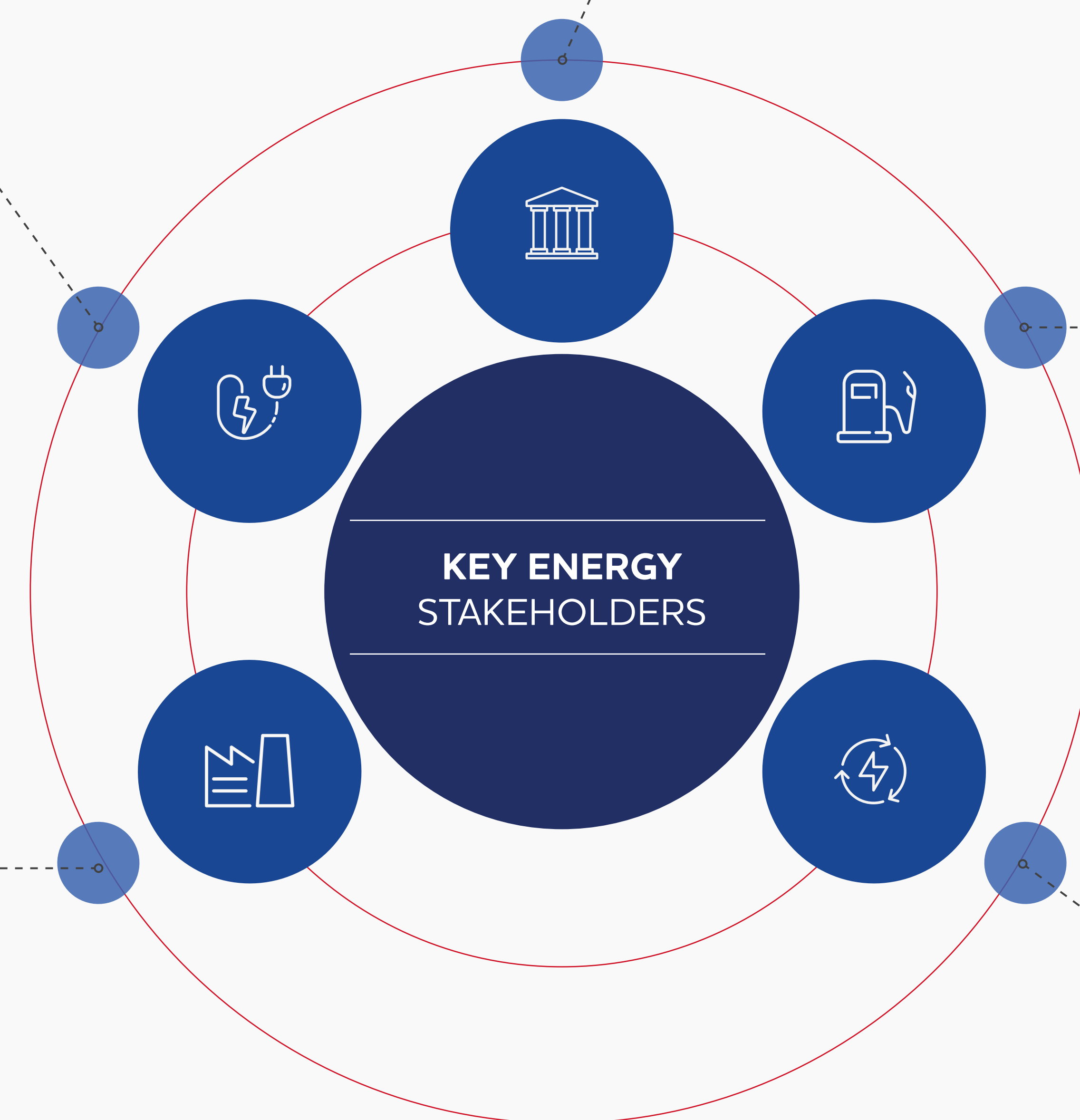
- A & F Gas Station ^[12]
- Osborne Service Station ^[12]

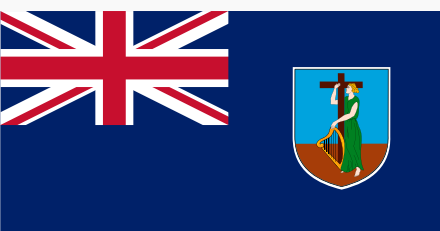
Electric Utility

Montserrat Utilities Limited (MUL) ^[13]

Independent Power Producer

None





POLICY, LEGAL AND REGULATORY (PLR) FRAMEWORK



+

 POLICIES RELEVANT TO THE ENERGY SECTOR

The Power to Change: The Montserrat Energy Policy 2016- 2033 [3] ●

2016 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

Economic Growth Strategy and Delivery Plan for Montserrat [2] ●

2008 The Plan is to assist Montserrat to develop its unique local economy and build on its assets while reducing its dependence on the UK government for recurrent expenditure.

+

 LEGISLATION RELEVANT TO THE ENERGY SECTOR

Petroleum Act (Revised 2002) [16] ●

1892 The Act enables the Ministry with responsibility for energy to outline the storage requirements, importation, quality testing and importation of petroleum to the island.

Merchant Shipping (Agreements) Act(Revised 2013) [17] ●

1888 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.

Road Traffic Act (Revised 2013) [18] ●

1951 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.

Aerodromes Act (Revised 2008) ³ [19] ●

1957 Outlines the management, control and supervision of the aerodrome.

Montserrat Utilities Limited (MUL) Act (Revised 2013) [20] ●

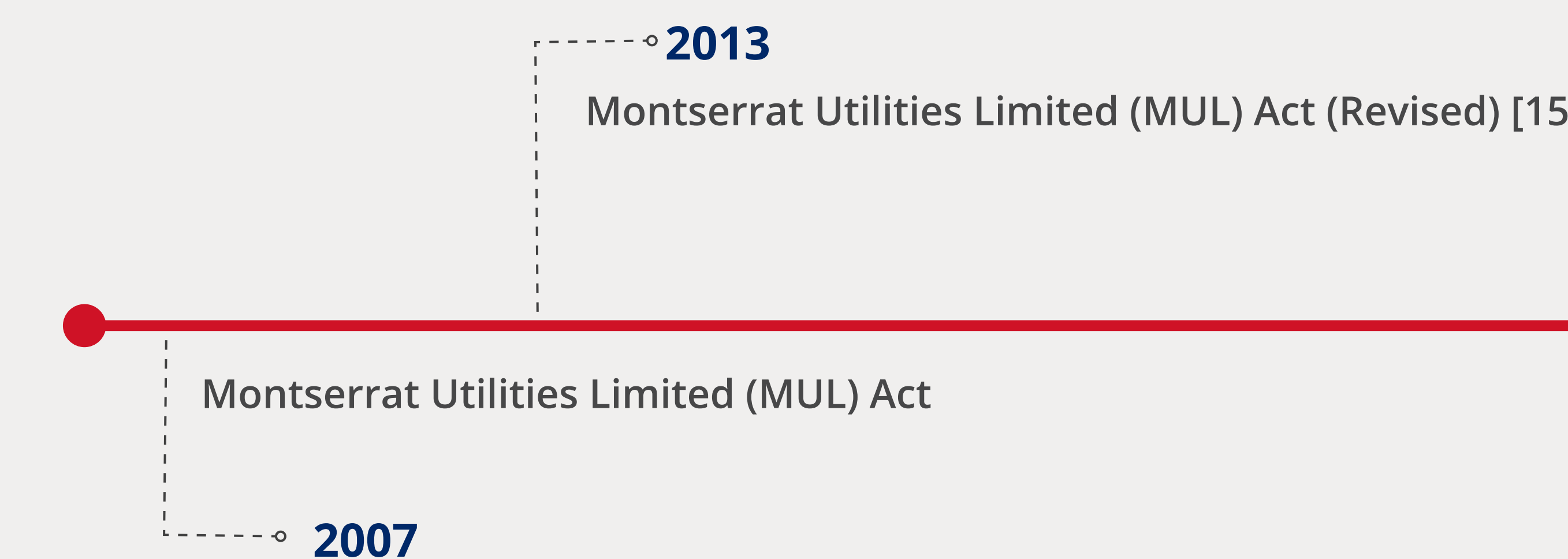
2007 Provides the guide for operation for the electricity and water providers in Montserrat. The Act authorises the Montserrat Utilities Limited to generate, transmit, distribute and supply electricity as well as the ability to prospect and harness geothermal power or any other source.

Merchant Shipping (Registration) Act (Revised 2013) [21] ●

2013 The Act details the registration criteria for ships as a Montserratian ship, including operation and liability for ships.

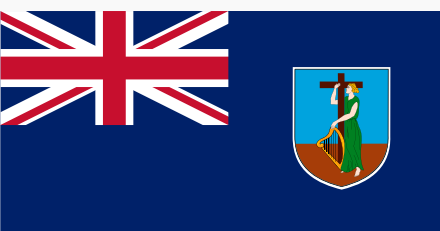
	YEAR
Energy Policy and Energy Action Plan [3] ⁴ : ●	2016
RE Target [14]: ●	2020
EE Target: ●	
Electricity Regulator: ●	
Net Billing/Net Metering: ●	
Interconnection Policy/Standards: ●	
Feed-in-tariff: ●	
RE/EE Act : ●	

+

 KEY ACHIEVEMENTS: PLR FRAMEWORK TIMELINE FOR ELECTRICITY SUB-SECTOR

● IN FORCE ● NOT ESTABLISHED

3. The Aerodromes Act was consolidated into the Aviation Act in 2008.



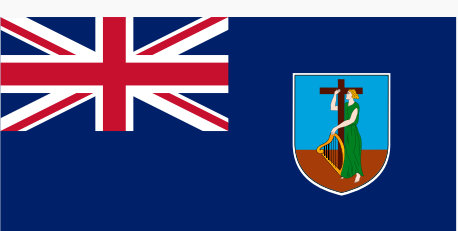
POLICY, LEGAL AND REGULATORY (PLR) FRAMEWORK



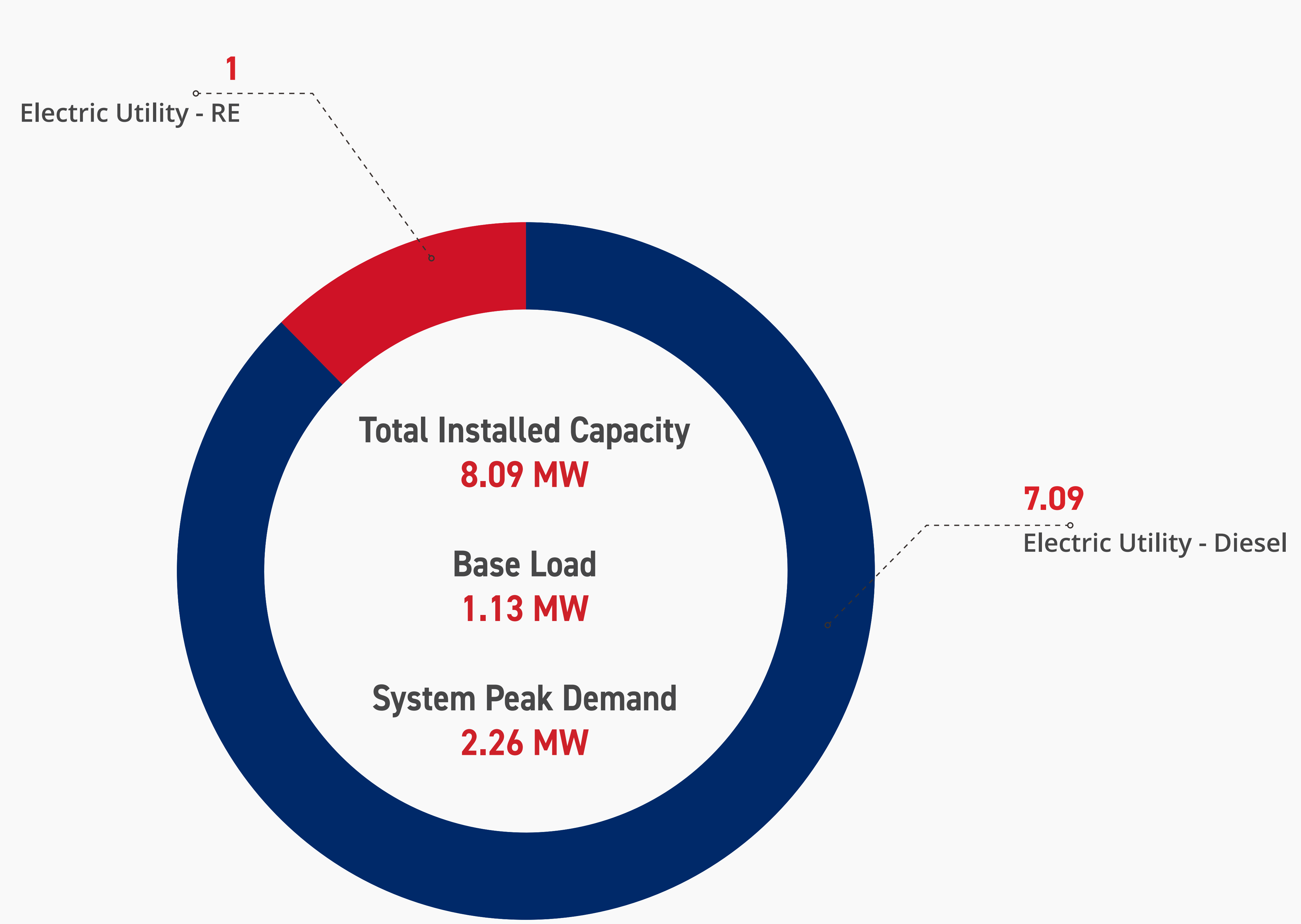
POLICIES AND LEGISLATION RELEVANT TO THE FISCAL INCENTIVES

Customs Duties and Consumptions Tax (Electric and Hybrid Vehicles) (Exemption) Order (Updated in 2021) [22] ●

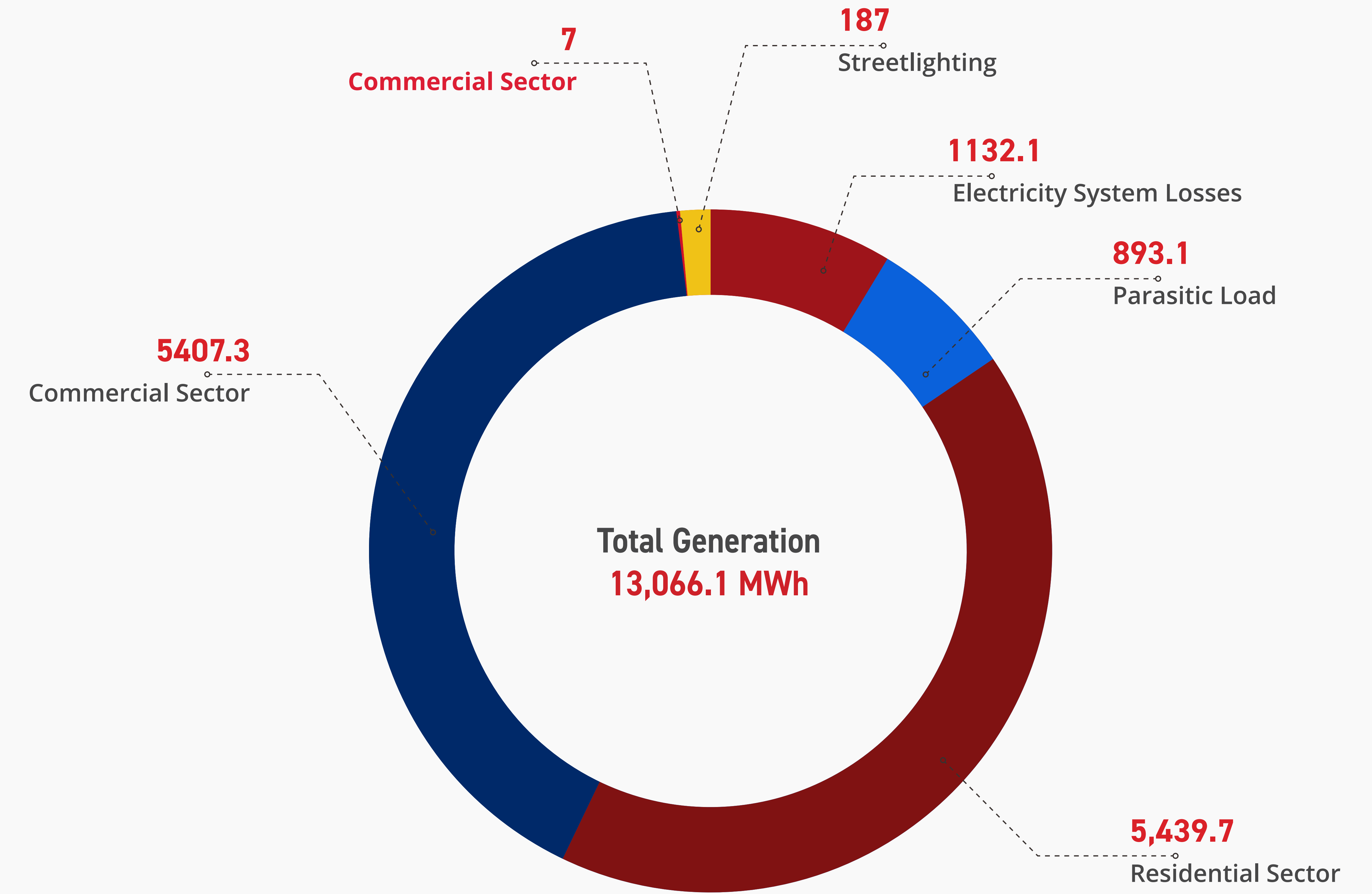
2019 Exemption from Customs Duties and Consumption Tax on the importation of 100% electric vehicle, a plug-in hybrid vehicle or a hybrid vehicle other than a plug-in hybrid vehicle.

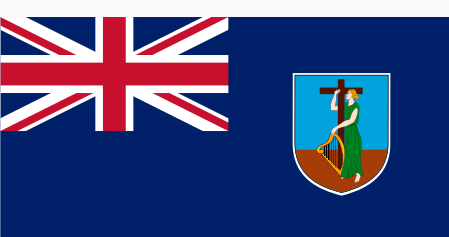


+ INSTALLED CAPACITY (MW)

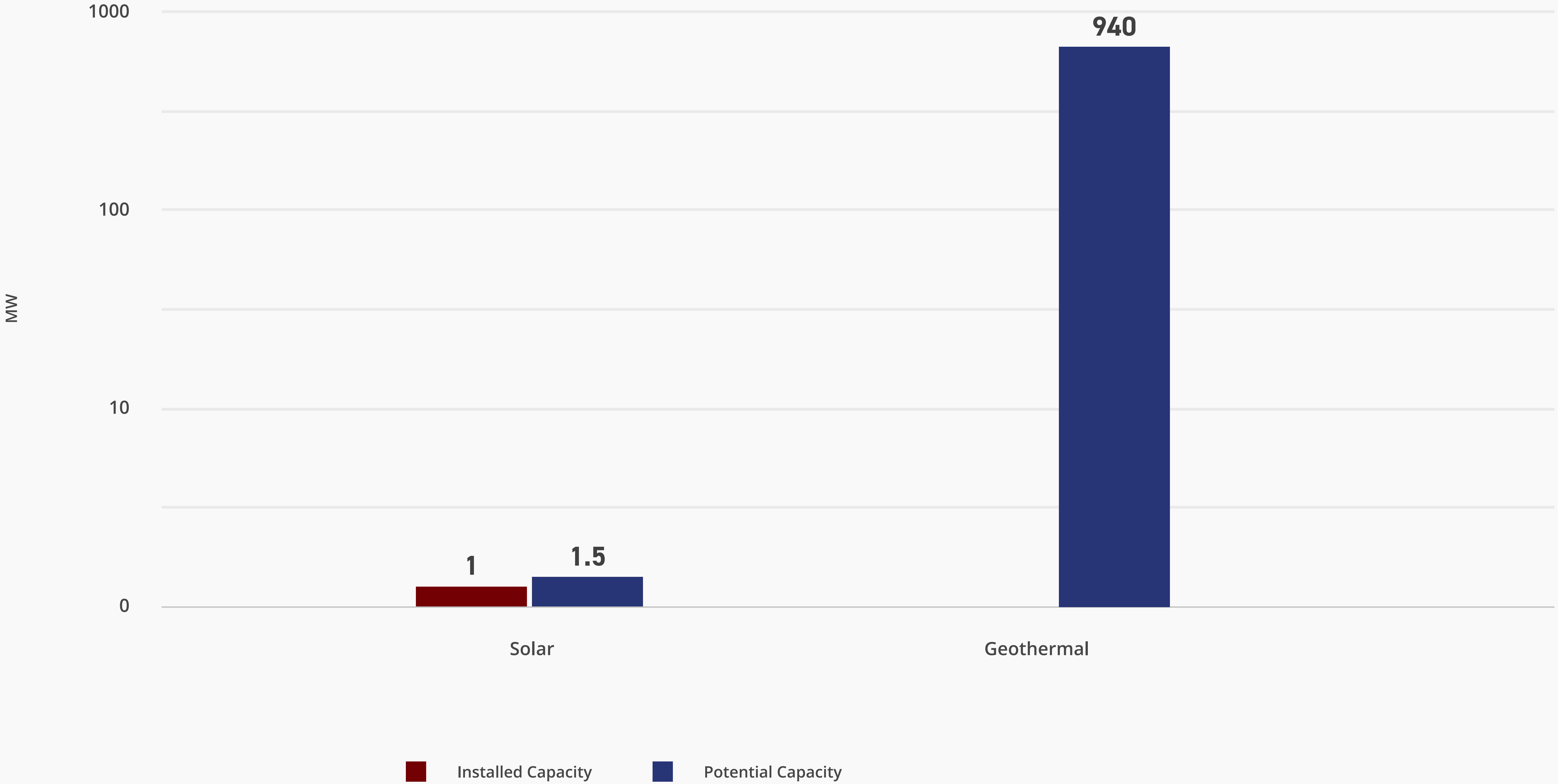


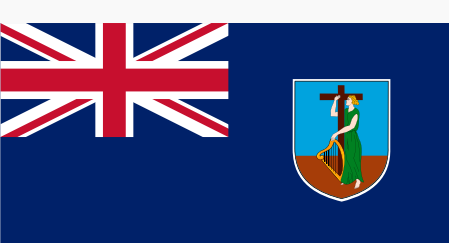
+ ENERGY CONSUMPTION





RENEWABLE ENERGY RESOURCES





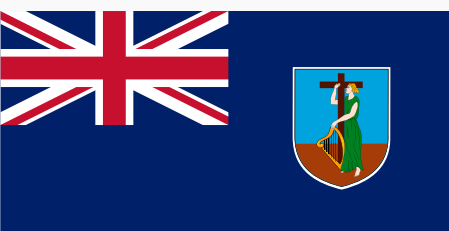
ELECTRICITY TARIFFS ⁴ [4]



Rate Class		(US\$/kWh)
Residential Tariff (US\$/kWh)	First 75 kWh	0.18
	Above 75 kWh	0.20
Commercial		0.20
Industrial/Large Power		0.17
Streetlights ⁵		0.20
Fuel Charge (Average)		0.34

4. A fuel charge of US \$0.34 has been included into the tariffs.

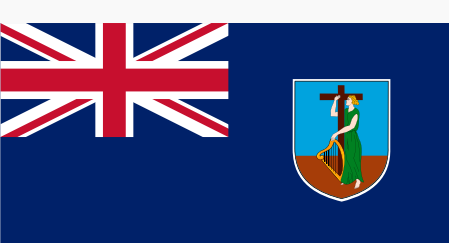
5. Streetlights are billed at Commercial Tariff



PROJECTS IN THE PIPELINE



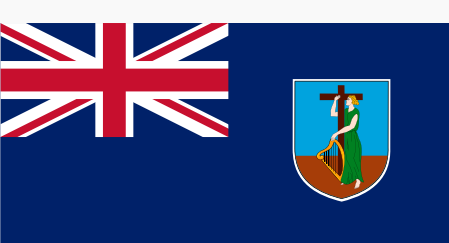
There were no programmes, renewable energy or energy efficiency projects reported for 2022.



TERTIARY PROGRAMMES OFFERED



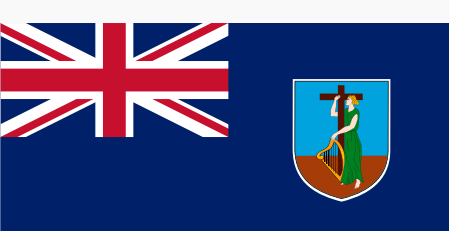
Montserrat does not provide any tertiary level or vocational training for this sector



TRANSPORTATION SECTOR



No data was available for the transportation sector for 2022.

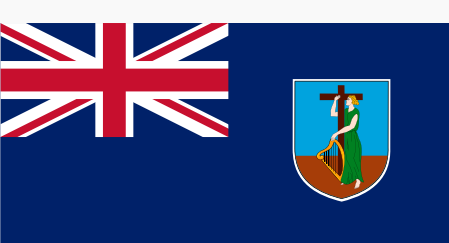


CLIMATE CHANGE FRAMEWORK



Climate Change Policy	National Climate Change Policy for Montserrat (Draft) [5]
National Determined Contributions ⁶:	Not Applicable
Emissions Reduction Target:	Not Applicable
Priority Sectors for NDC	Not Applicable
National Communications (NC) to the UNFCCC:	Not Applicable
	None

6. 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.



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