



## 2020 ENERGY REPORT CARD

# MONTSERRAT



**CCREEE**

CARIBBEAN CENTRE FOR RENEWABLE  
ENERGY & ENERGY EFFICIENCY

AN INSTITUTION OF

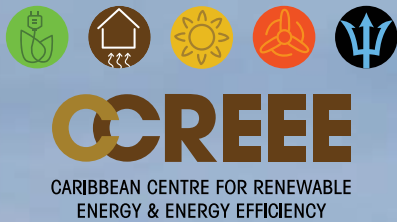


[www.ccreee.org](http://www.ccreee.org)



Implemented by





## 2020 ENERGY REPORT CARD

# INTRODUCTION

This document presents Montserrat's Energy Report Card (ERC) for 2020. The ERC provides an overview of the energy sector performance in Montserrat. The ERC also includes energy efficiency, technical assistance, workforce, training, and capacity building information, subject to the availability of data.

This ERC includes data and information that was provided by government ministries, agencies, or departments, with responsibility for energy, utilities, and statistical offices. The data collected was supplemented by internet research, author calculations and inferences. This data is a collection from a variety of public sources and, as such, is for general information only. It is not intended for decision-making purposes, and therefore reliance placed on the information herein is strictly at the user's risk.

# ENERGY SECTOR SUMMARY

ENERGY

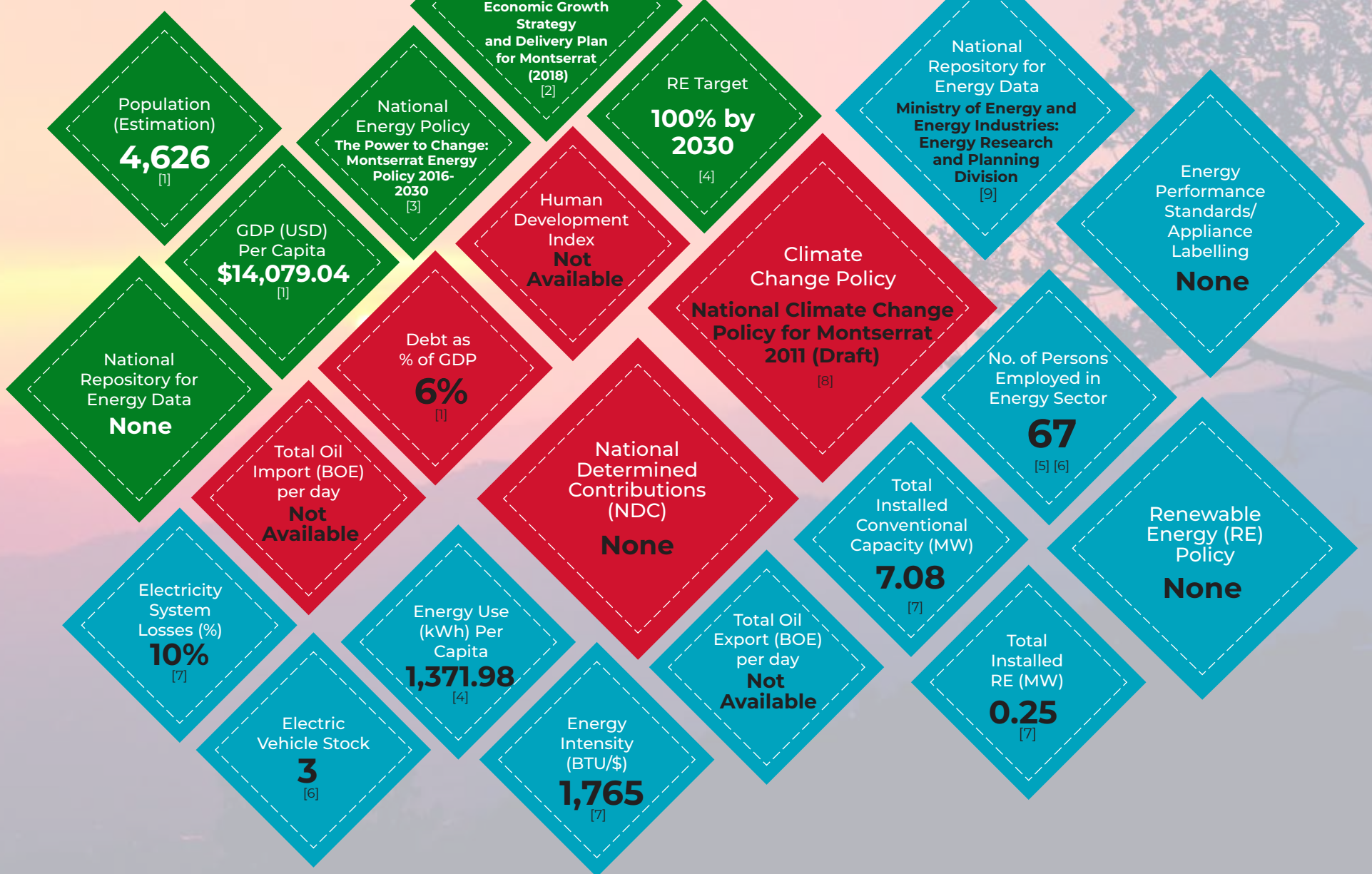
POLICY

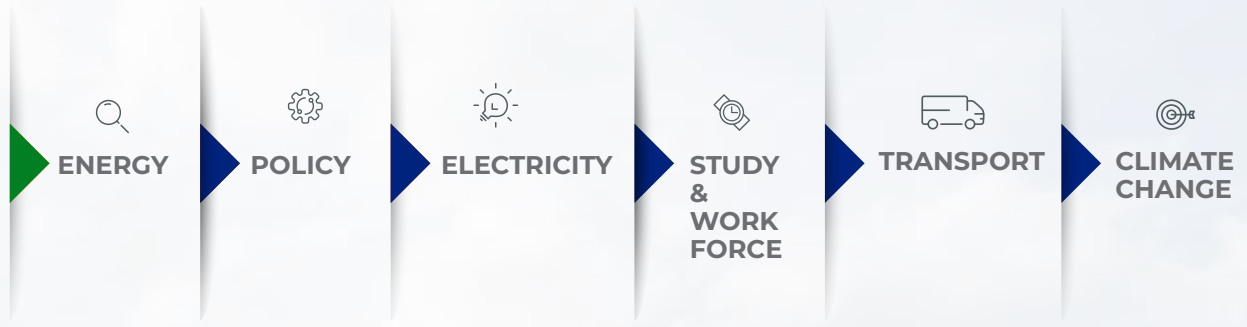
ELECTRICITY

STUDY  
&  
WORK  
FORCE

TRANSPORT

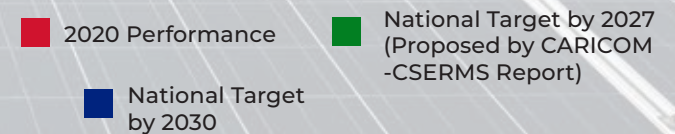
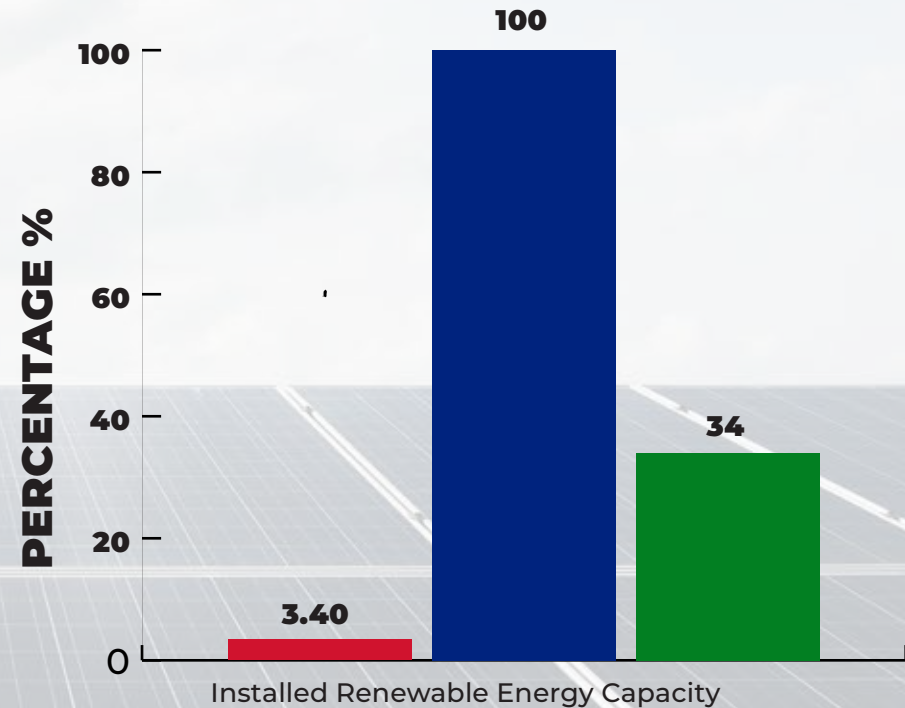
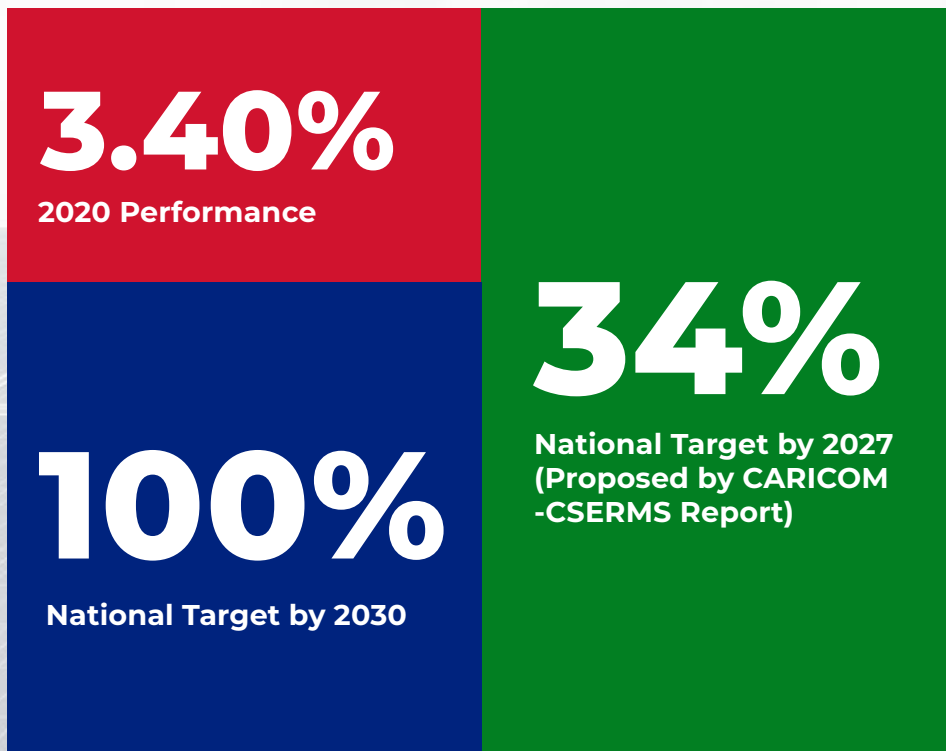
CLIMATE  
CHANGE





# RENEWABLE ENERGY PERFORMANCE AGAINST TARGETS

## RENEWABLE ENERGY PERFORMANCE AGAINST TARGETS



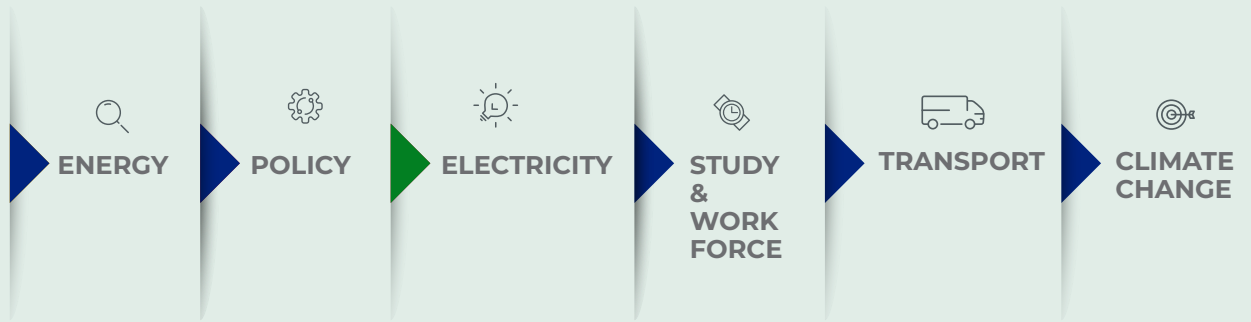
# KEY ENERGY STAKEHOLDERS



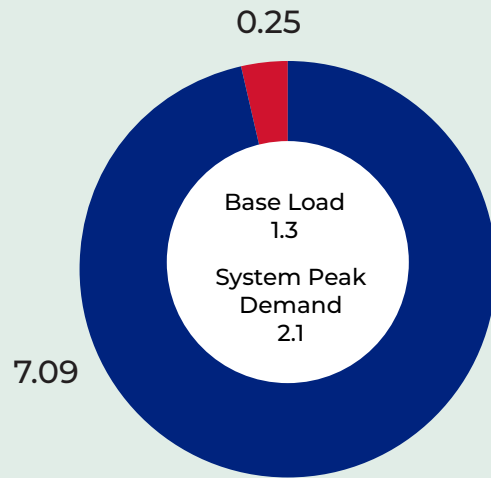
<b>Government Ministries, Departments and Agencies</b>	Ministry of Communications, Work, Energy and Labour (MCWEL)	<b>Independent Power Producer</b>	N/A
<b>Fuel Suppliers</b>	Delta Petroleum Limited A & F Gas Station Osborne Service Station	<b>Electricity Regulator</b>	N/A
<b>Electric Utility</b>	Montserrat Utilities Limited (MUL)	<b>Transportation</b>	Ministry of Communications, Work, Energy and Labour (MCWEL)
		<b>Other</b>	Ministry of Agriculture, Lands, Housing and the Environment (MALHE)



# ELECTRICITY & ENERGY EFFICIENCY

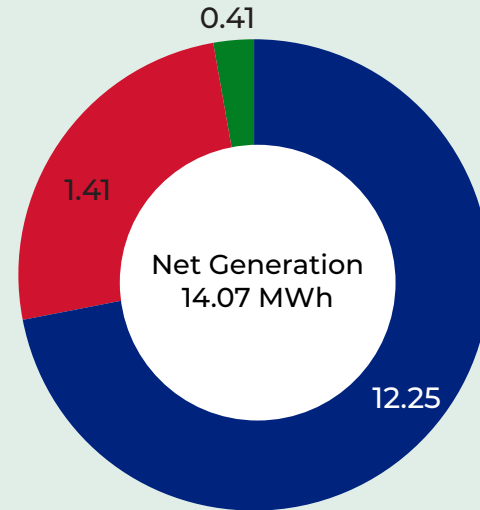


## INSTALLED CAPACITY (MW)



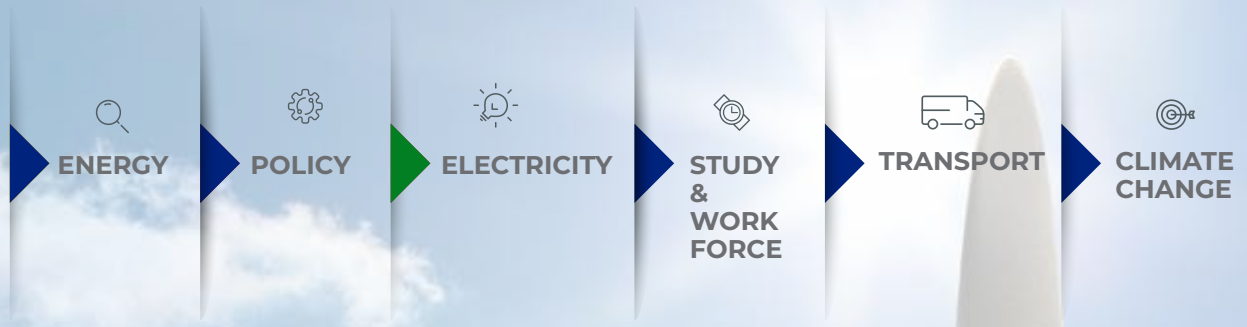
Electric Utility Diesel    Electric Utility - RE

## ENERGY CONSUMPTION (MWh)

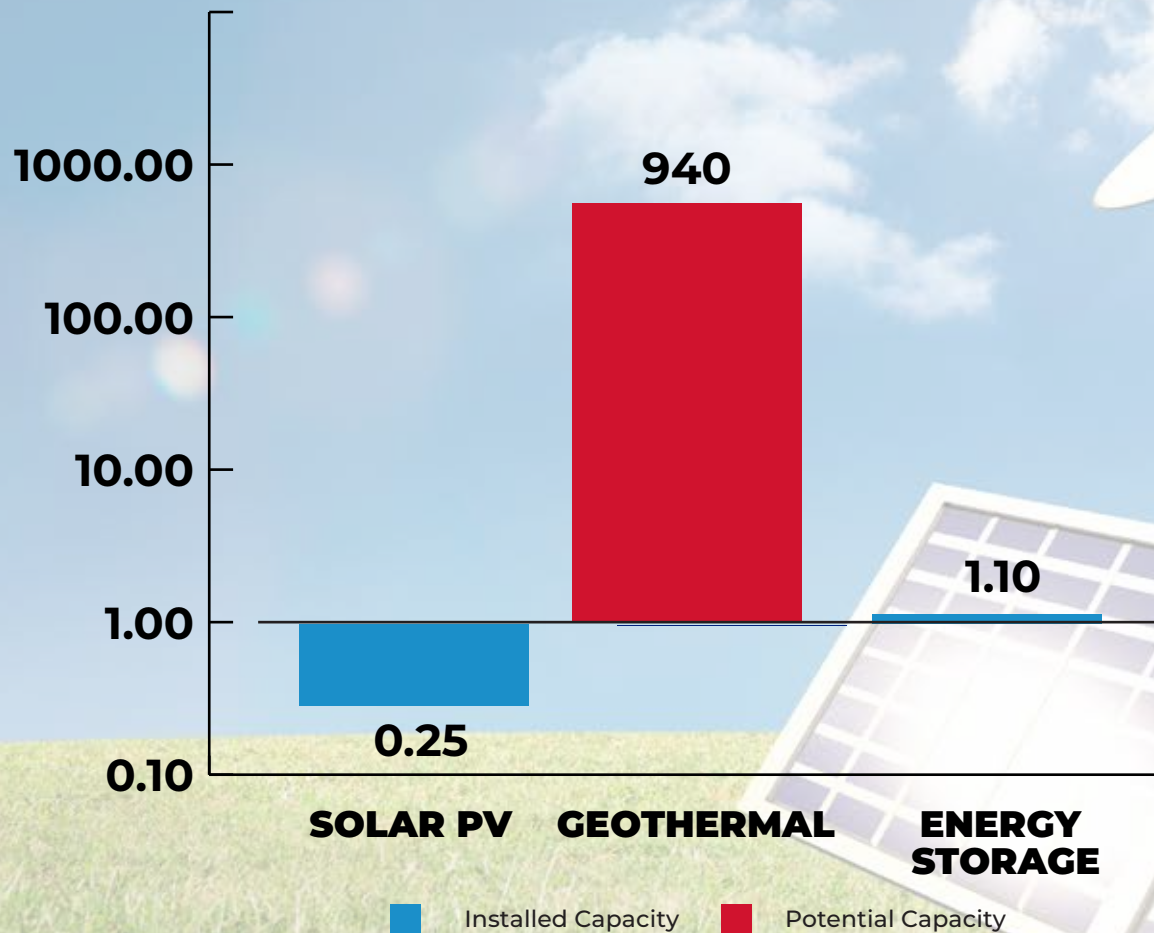


Total Sales    Losses  
Parasitic Load

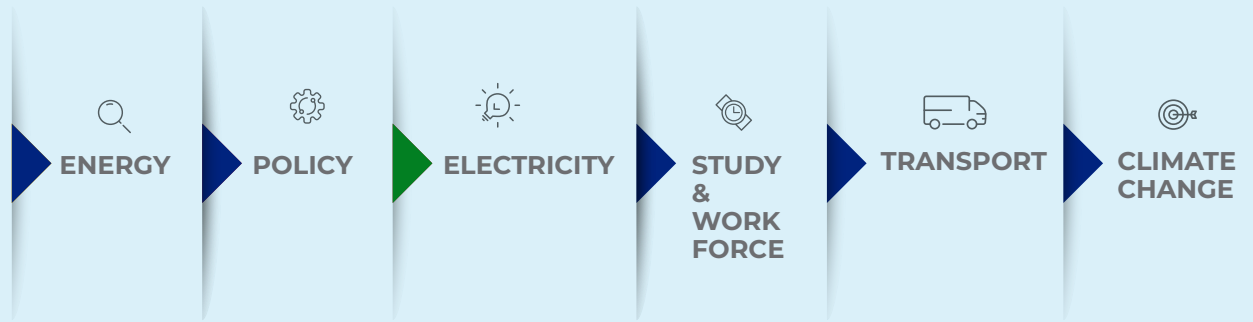
# ELECTRICITY & ENERGY EFFICIENCY



## RENEWABLE ENERGY RESOURCES (MW)



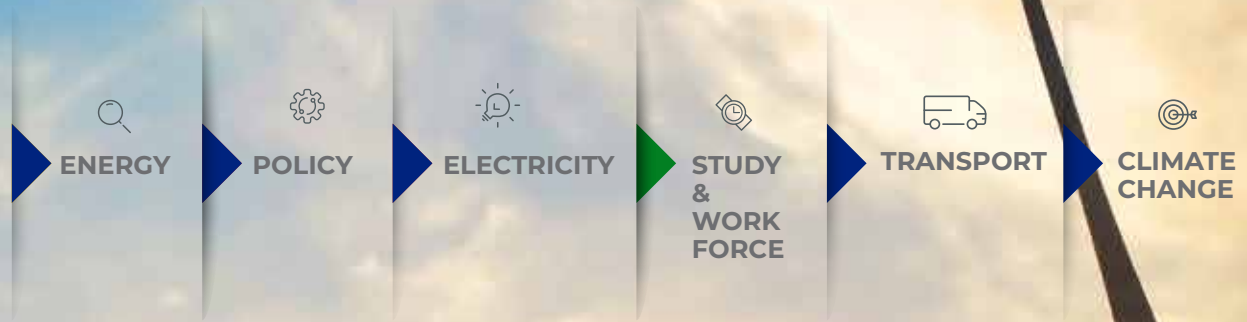
# ELECTRICITY & ENERGY EFFICIENCY



## ELECTRICITY TARIFFS

RATE CLASS	TARIFF INCLUDING SURCHARGE/ (US\$/kWh)
RESIDENTIAL	0.18
COMMERCIAL	0.20
INDUSTRIAL	0.20
STREET LIGHTS (US\$/KWH)	0.17

# PROJECTS IN THE PIPELINE



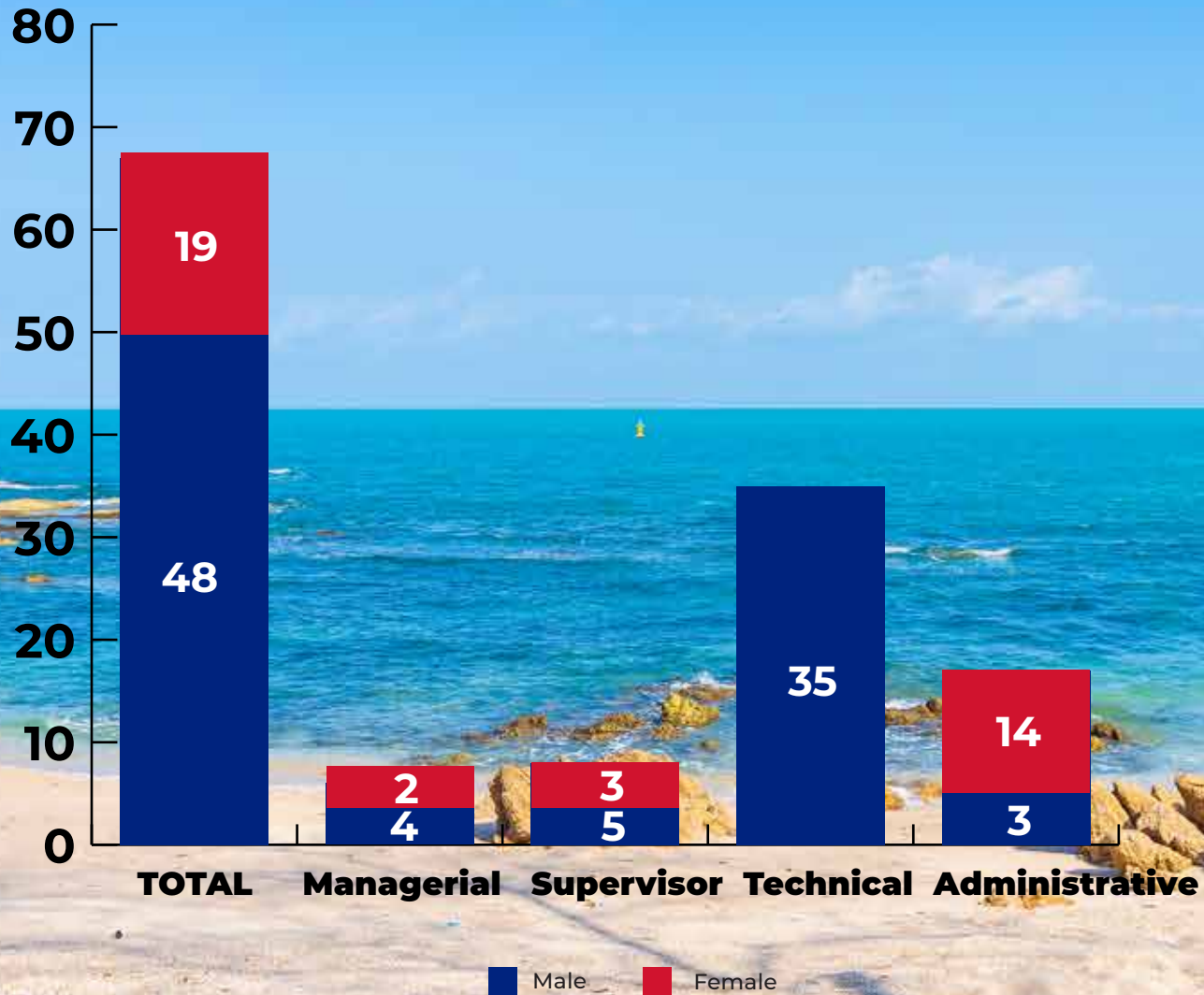
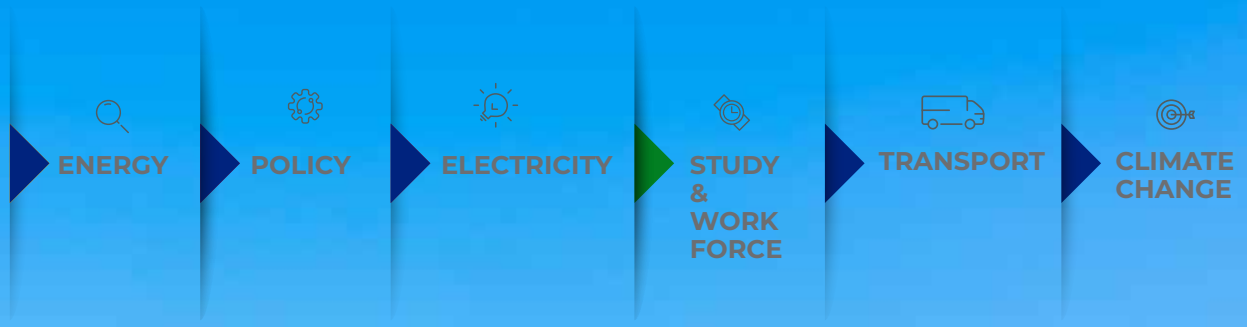
## RENEWABLE ENERGY PROJECTS

RENEWABLE ENERGY SOURCE	RESOURCE AND PROJECTS CAPACITY	DEVELOPMENT PARTNER	TOTAL ESTIMATED COST	FUNDING SOURCE
SOLAR PHOTOVOLTAIC	750 kW	Salt Energy, Rocky Mountain Institute, AEES Ltd, Asante Energy, Barrett Energy Resources Group	Not Available	EDF 10

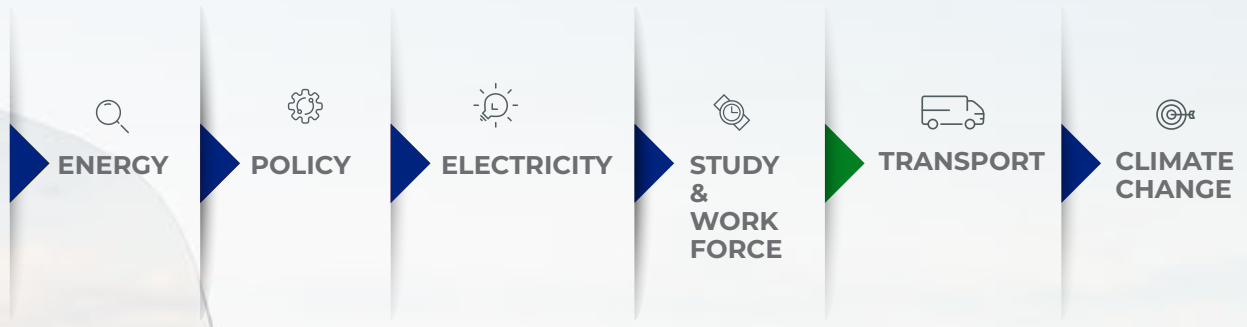
## TERTIARY PROGRAMMES OFFERED

The government sponsors external training based on a priority needs listing. No candidate was selected for a qualification related to the energy sector in 2020.

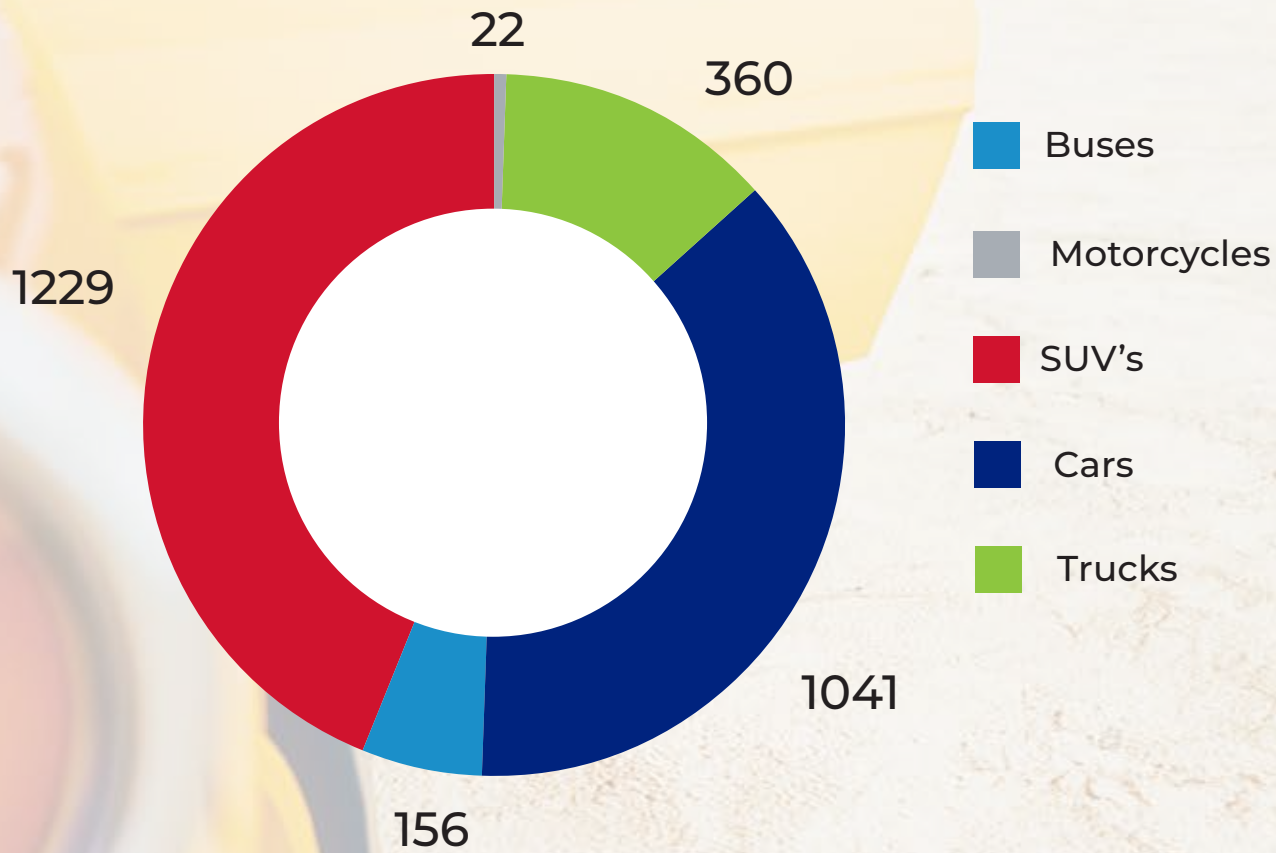
# WORKFORCE



# TRANSPORTATION SECTOR

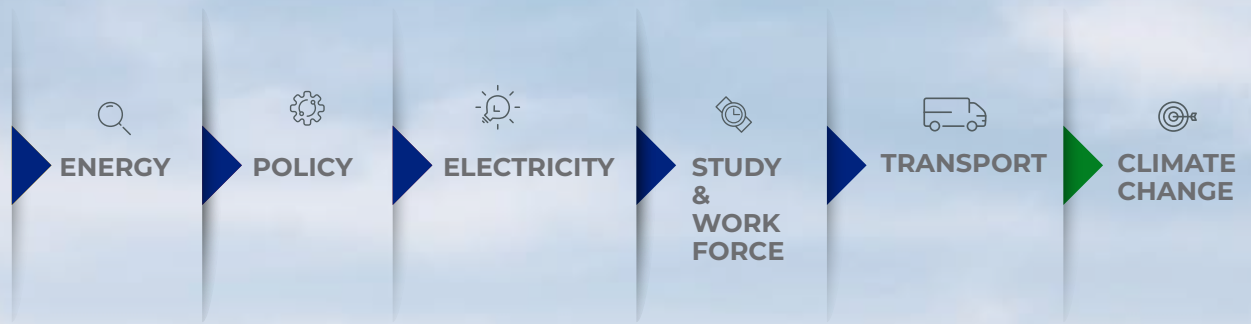


## REGISTERED VEHICLES



There are 6 hybrid vehicles and 3 electric vehicles included in the vehicle stock.

# CLIMATE CHANGE FRAMEWORK



## NATIONAL CLIMATE CHANGE POLICY FOR MONTSERRAT 2011 (DRAFT) [8]

### NATIONAL DETERMINED CONTRIBUTIONS:

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. [16]

### EMISSIONS REDUCTION TARGET:

Not Available

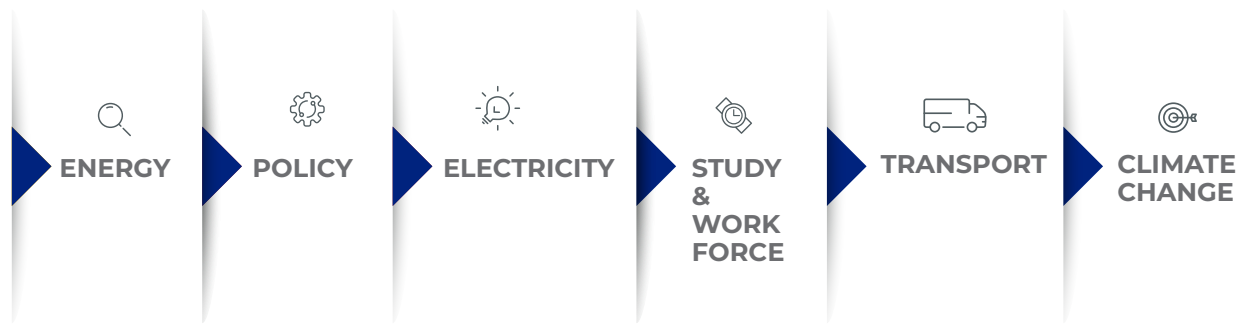
### PRIORITY SECTORS FOR NDCs

Not Available

### NATIONAL COMMUNICATIONS (NC) TO THE UNFCCC:

None

# REFERENCES



[1] Central Statistical Office, "Population," Ministry of the Government of Montserrat, Key Data and Information, Plymouth: Statistics Department, 2021.

[2] The Government of Montserrat, "Economic Growth Strategy and Delivery Plan for Montserrat," 2018. [Online]. Available: <http://finance.gov.ms/wp-content/uploads/2018/12/Economic-Growth-Strategy-Delivery-Plan.pdf>. [Accessed 9 6 2021].

[3] Caricom Energy Programme, German Agency for International Cooperation, "The Power to Change: The Montserrat Energy Policy 2016-2030," January 2016. [Online]. Available: <https://www.gov.ms/wp-content/uploads/2020/07/The-Power-to-Change-MNEP-Cabinet-Approved.pdf>. [Accessed 23 November 2021].

[4] O. Lewis, Energy Sector Data, Plymouth: Private Communication, 2021.

[5] D. Cameron, Human Resource Data, Plymouth: Private Communication, 2021.

[6] M. Allen, Energy Sector Data, Plymouth: Ministry of Communications, Works, Energy & Labour, 2021.

[7] K. Lee, Electricity and Energy Efficiency Data, Plymouth: Montserrat Utilities Limited, 2021.

[8] CCCCC, Government of Montserrat, "National

Climate Change Policy for Montserrat 2011 (Draft)," 2011. [Online]. Available: <https://canari.org/news/technical-assistance-with-updating-montserrats-national-climate-change-policy-and-developing-an-action-plan/>.

[9] The Government of Montserrat, "Chapter 18.01 Montserrat Utilities Limited (MUL) Act As At 2013," 2013. [Online]. Available: <http://extwprlegs1.fao.org/docs/pdf/msr146029.pdf>. [Accessed 9 6 2021].

[10] The Government of Montserrat, "Chapter 10.12 Petroleum Act and Subsidiary Legislation as at 2002," 2002. [Online]. Available: <http://extwprlegs1.fao.org/docs/pdf/msr98083.pdf>. [Accessed 9 6 2021].

[11] The Government of Montserrat, "Chapter 7.05 Aviation Act Subsidiary and Related Legislation As At 2008," 2008. [Online]. Available: <http://agc.gov.ms/wp-content/uploads/2011/10/Aviation-Act.pdf>. [Accessed 9 6 2021].

[12] The Government of Montserrat, "Chapter 7.03 Merchant Shipping (Agreements) Act As At 2013," 2013. [Online]. Available: <http://agc.gov.ms/wp-content/uploads/Merchant-Shipping-Act.pdf>. [Accessed 9 6 2021].

[13] The Government of Montserrat, "Chapter 7.11 Merchant Shipping (Registration) Act and Subsidiary Legislation As AT 2019," 2019. [Online]. Avail-

able: <http://agc.gov.ms/wp-content/uploads/Merchant-Shipping.pdf>. [Accessed 9 6 2021].

[14] The Government of Montserrat, "Chapter 7.06 Road Traffic Act Subsidiary and Related Legislation As At 2013," 2013. [Online]. Available: <http://agc.gov.ms/wp-content/uploads/2011/10/7.06-Road-Traffic-Act.pdf>. [Accessed 9 6 2021].

[15] The Government of Montserrat, "Statutory Rules and Orders SRO 29 of 2019 Custom Duties and Consumption Tax (Electric and Hybrid Vehicles) Order," 2019. [Online]. Available: <https://www.gov.ms/wp-content/uploads/2020/06/SRO-No-29-of-2019-Customs-Duties-and-Consumption-Tax-Electric-and-Hybrid-Vehicles-Exemption-Order.pdf>. [Accessed 9 6 2021].

[16] UK Government, "United Kingdom of Great Britain and Northern Ireland's Nationally Determined Contribution," 2020. [Online]. Available: <https://www4.unfccc.int/sites/ndcstaging/PublishedDocuments/United%20Kingdom%20of%20Great%20Britain%20and%20Northern%20Ireland%20First/UK%20Nationally%20Determined%20Contribution.pdf>. [Accessed 26 7 2021].