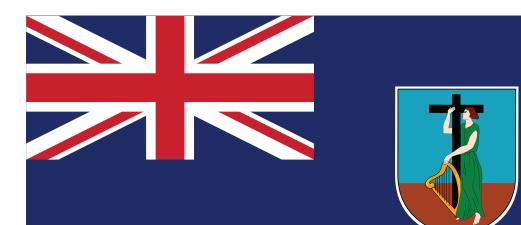
# ENERGY REPORT CARD (ERC) FOR 2021









## INTRODUCTION

This document presents Montserrat's Energy Report Card (ERC) for 2021.

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.







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## MONTSERRAT

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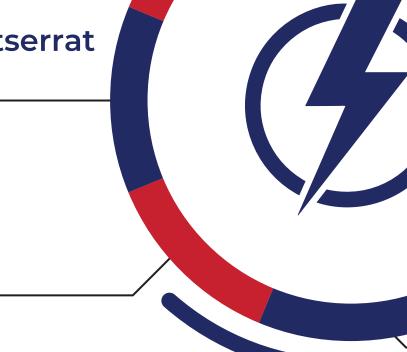


#### **Economic Growth Strategy and** Delivery Plan for Montserrat (2018)<sup>[4]</sup>

National Development Plan/ Overall Country Development Strategy

#### The Power to Change: The Montserrat Energy Policy 2016- 2030<sup>[5]</sup>

National Energy Policy



None

Renewable Energy (RE) Policy

#### National Determined Contributions (NDC)

Not Applicable<sup>1</sup>

## **Energy Performance Standards/Appliance Labelling** None





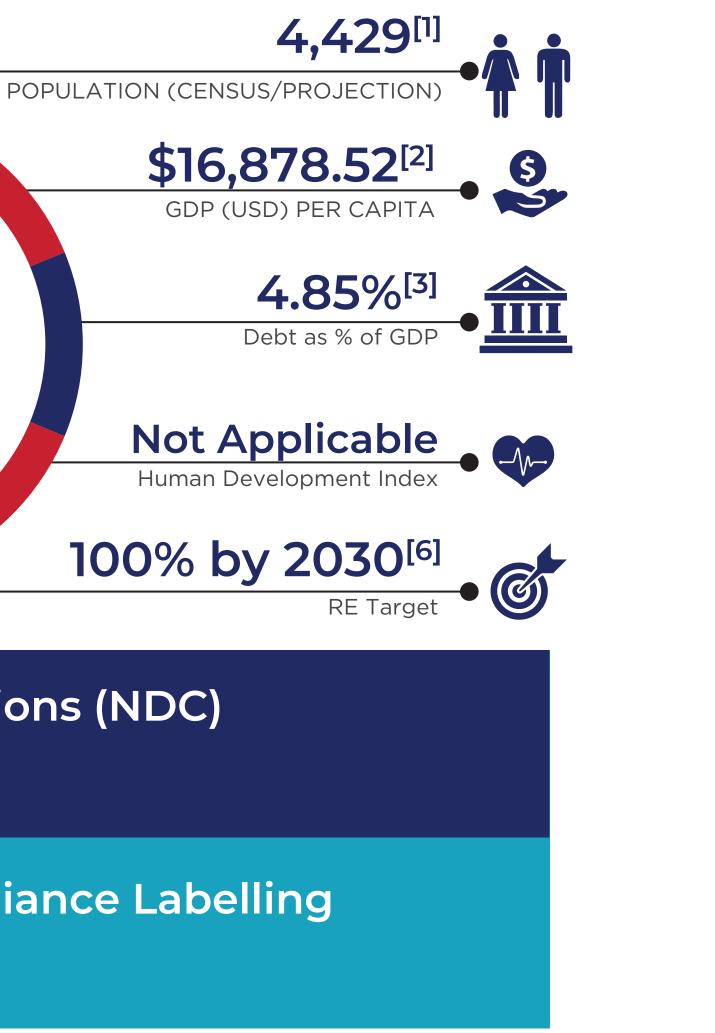




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#### **ENERGY SECTOR SUMMARY**



No. of Persons Employed in Energy Sector	81
Total Installed Conventional Capacity (MW)	<b>7.09</b> <sup>[7]</sup>
Total Installed RE (MW)	<b>]</b> [7]
Electricity System Losses (%)	<b>8.52%</b> <sup>[7</sup>
Energy Use (kWh) Per Capita	<b>3,168</b> <sup>[7]</sup>
Fuel and Oil Imports as % of GDP	Not Availa
Oil Imports as % of GDP	Not Availa
Electric Vehicle Stock	<b>5</b> <sup>[9]</sup>
Climate Change Policy	National Clir Policy for Mo (Draft) 2011
Total Oil Import (BOE) per day	Not Availa
Total Oil Export (BOE) per day	Not Availa
Energy Intensity (BTU/\$)	Not Availa
National Repository for Energy Data	Not Availa
	in Energy Sector Total Installed Conventional Capacity (MW) Total Installed RE (MW) Electricity System Losses (%) Energy Use (kWh) Per Capita Fuel and Oil Imports as % of GDP Oil Imports as % of GDP Climate Change Policy Climate Change Policy Total Oil Import (BOE) per day Total Oil Export (BOE) per day Energy Intensity (BTU/\$)

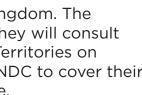




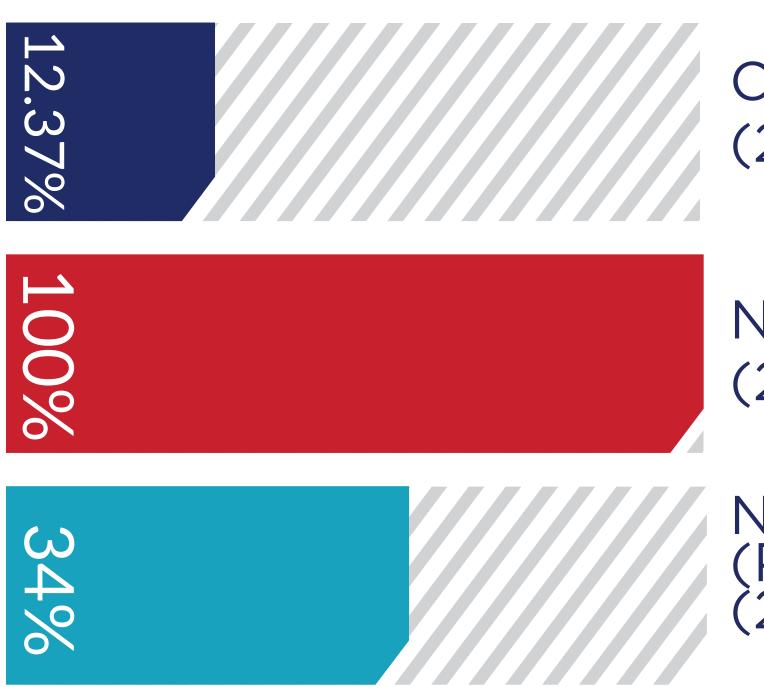
1. Montserrat is a crown colony of the United Kingdom. The United Kingdom Government indicated that they will consult with UK Crown Dependencies and Overseas Territories on extending the Paris Agreement and the UK's NDC to cover their emissions at an appropriate point in the future.





















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#### ENERGY SECTOR PERFORMANCE<sup>[7][10]</sup>

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**Performance Against Targets** 

- **Current Performance** (2021)
- National Target (2030)

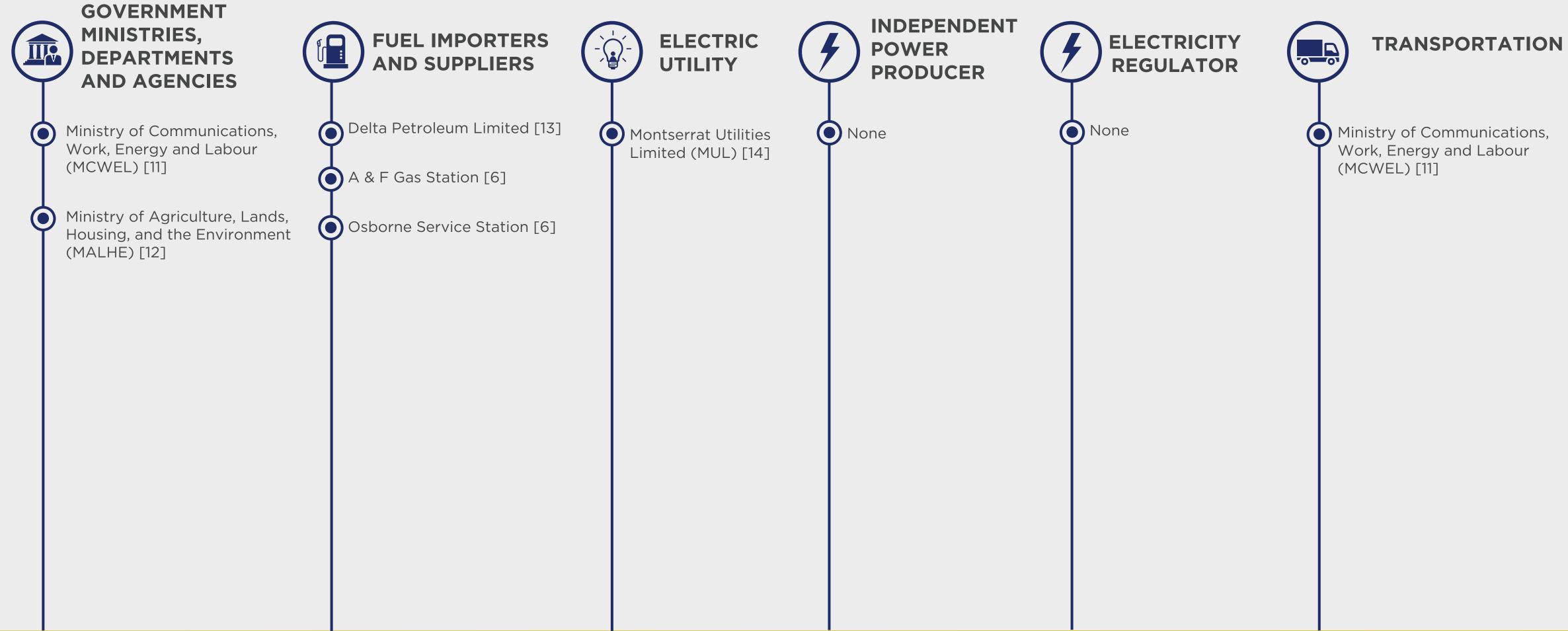
National Target (Proposed by CARICOM-C-SERMS) (2027)





















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#### **KEY ENERGY STAKEHOLDERS**

















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#### POLICY, LEGAL AND REGULATORY (PLR) FRAMEWORK

	Net Billing/ Net Metering	Interconnection Policy/Standards	Feed-in-tariff	RE/EE Act
SS	NOT ESTABLISHED	NOT ESTABLISHED	NOT ESTABLISHED DRAFT IN PROGRESS	NOT ESTABLIS
55	DRAFT IN PROORLSS DRAFT DRAFT UPDATE	DRAFT IN PROORESS DRAFT DRAFT UPDATE	DRAFT IN PROORESS DRAFT DRAFT UPDATE	DRAFT IN PRO DRAFT DRAFT UPDAT



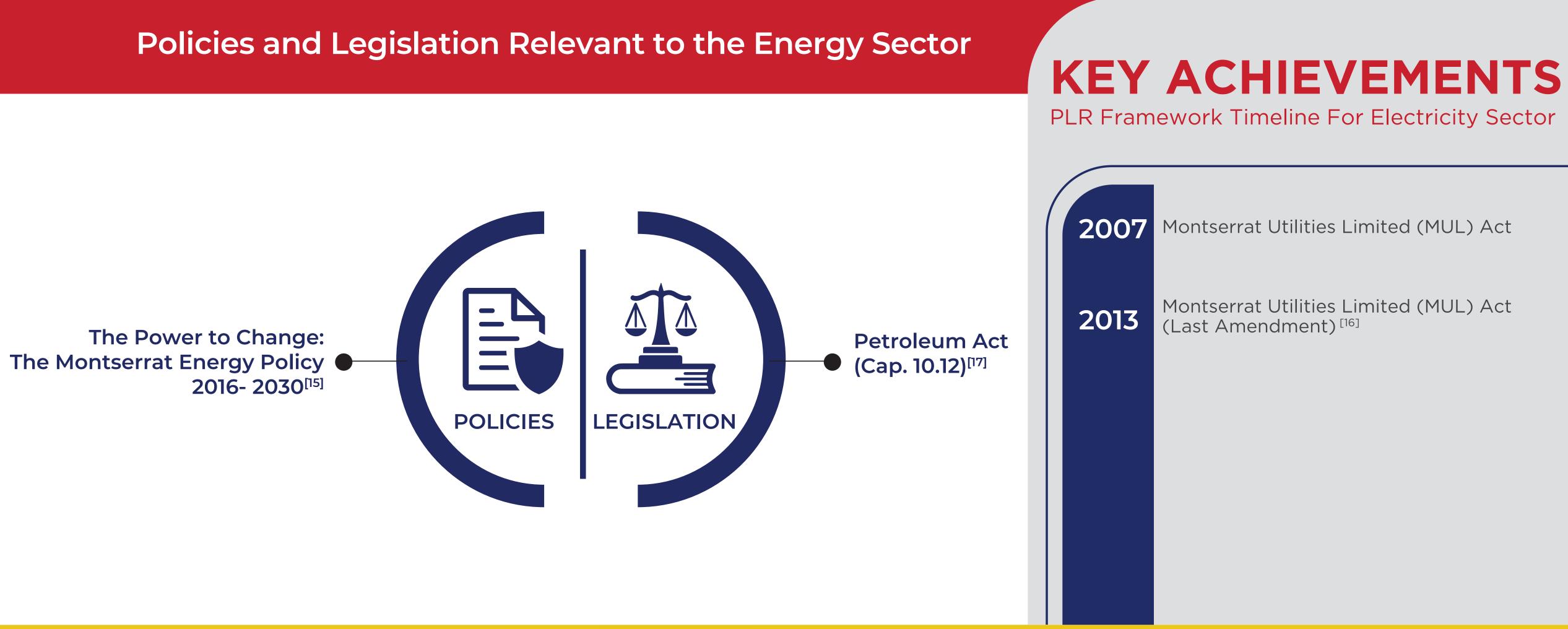




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#### POLICY, LEGAL AND REGULATORY (PLR) FRAMEWORK











#### LEGISLATION 101 **'0**

- Aerodromes (Cap. 7.05) [18]
- Merchant Shipping (Agreements) Act (Cap. 7.03)<sup>[19]</sup>
- Merchant Shipping (Registration) Act (Cap. 7.11)<sup>[20]</sup>
- Road Traffic Act (Cap. 7.06)<sup>[21]</sup>
- Customs Duties and Consumptions Tax (Electric and Hybrid Vehicles) (Exemption) Order S.R.O #29 (2019) [6] [22]
- Customs Duties and Consumptions Tax (Electric and Hybrid Vehicles) (Exemption) Order S.R.O #58 (2021)<sup>[6]</sup>













#### **POLICIES AND LEGISLATION RELEVANT TO THE TRANSPORTATION SECTOR**









#### Installed Capacity (MW)









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#### ELECTRICITY & ENERGY EFFICIENCY<sup>[7] [10]</sup>

**Energy Consumption (MWh)** 



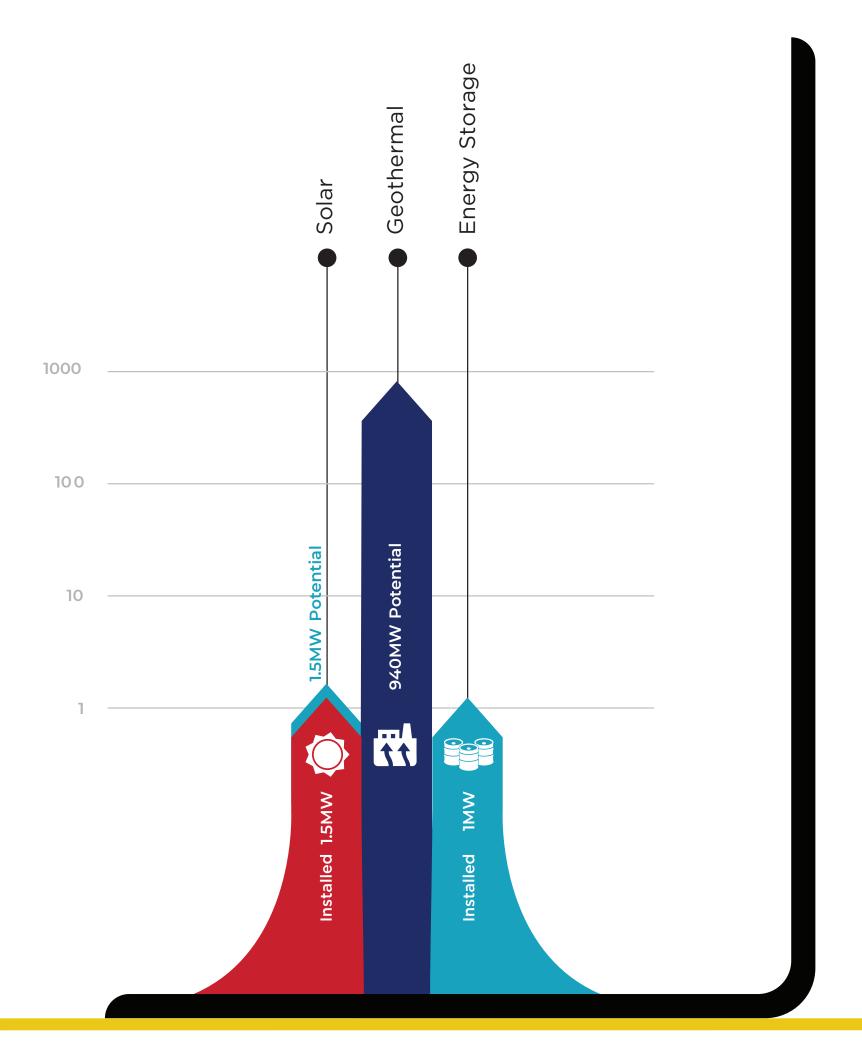








#### Renewable Energy Capacity (MW)













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#### **ELECTRICITY & ENERGY EFFICIENCY**

**Electricity Tariffs** 

RATE CLASS		(US\$/kWh)	
RESIDENTIAL TARIFF (US\$/KWH)	First 75 kWh	0.1767	
	Above 75 kWh	0.202	
COMMERCIAL		0.199	
INDUSTRIAL/LARGE POWER		0.173	
STREETLIGHTS <sup>3</sup>		0.199	
FUEL SURCHARGE ADDED TO ALL CLASSES		0.22 to 0.37	



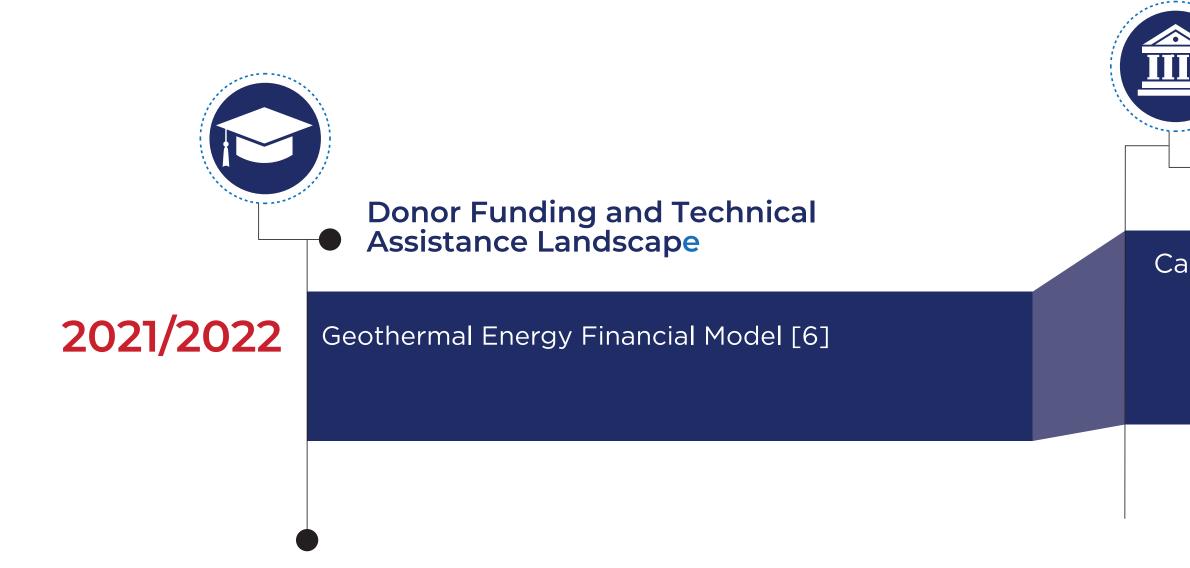


3. Streetlights are billed at Commercial Tariff





#### **Technical Assistance Projects**









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#### **PROJECTS IN THE PIPELINE**

Donor Organization & Banks

Caribbean Development Bank



.

Technical Assistance Providers

KM-Advisors LLC









#### **Energy Efficiency Projects**



**Energy Efficiency Projects** There were no Energy Efficiency Projects reported for 2021.







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#### **PROJECTS IN THE PIPELINE**

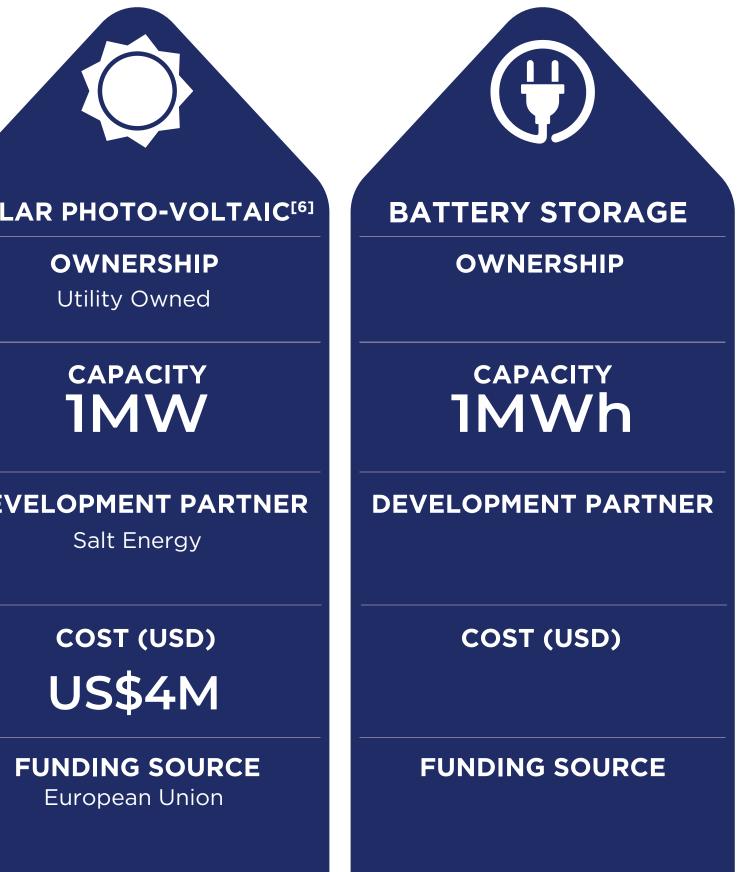


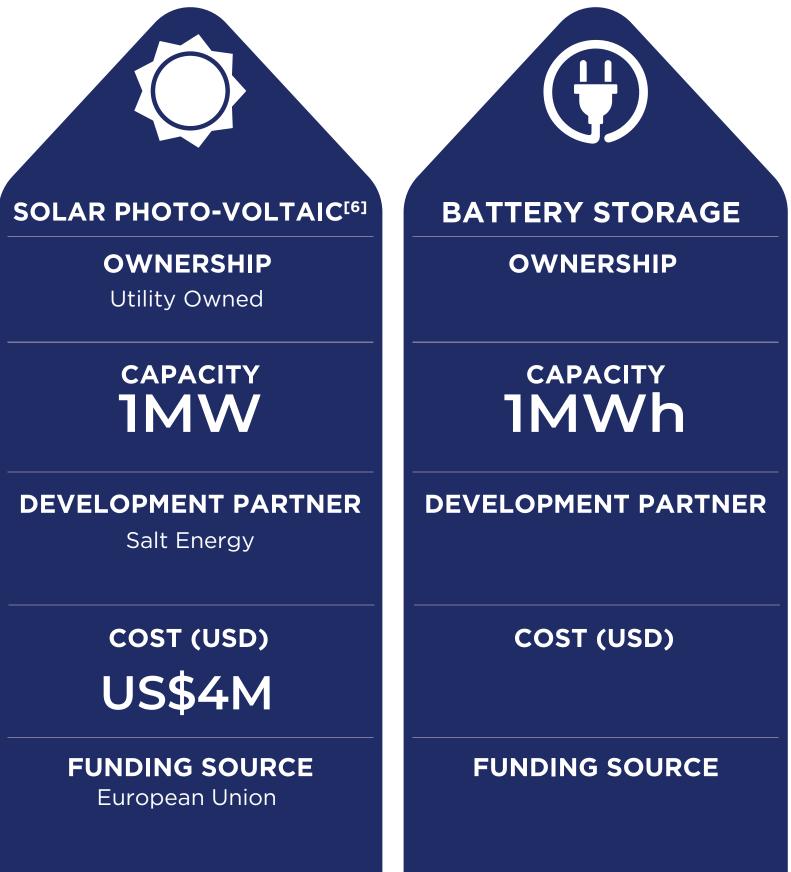






#### **Renewable Energy Projects**













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#### **PROJECTS IN THE PIPELINE**









Montserrat does not provide any tertiary level or vocational training for this sector. The government sponsors external training based on a priority needs listing. In the year 2021, one person was sponsored to study at an overseas institution [23]







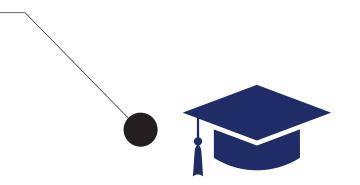
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#### **TERTIARY PROGRAMMES OFFERED**





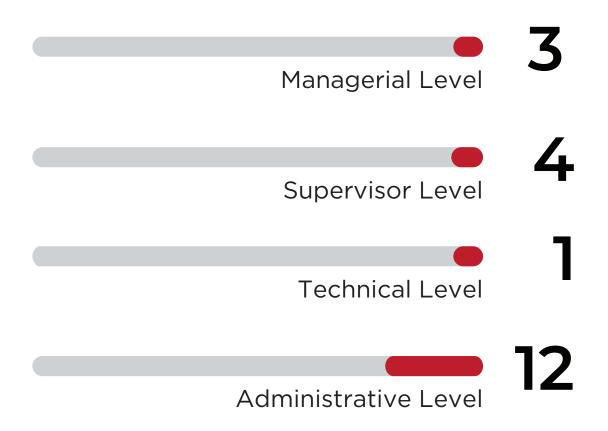






#### Persons Employed in the Energy Sector

#### WOMEN



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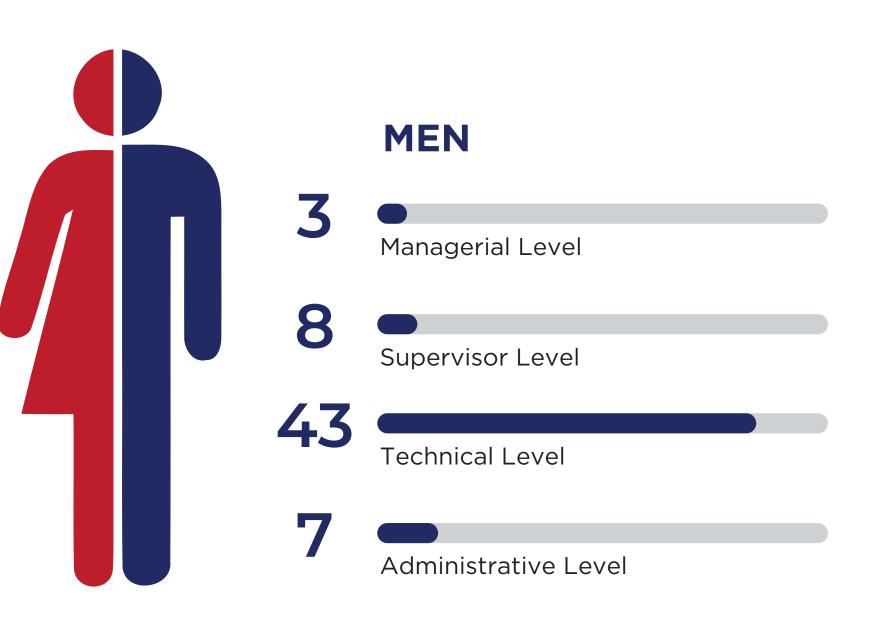








#### WORKFORCE







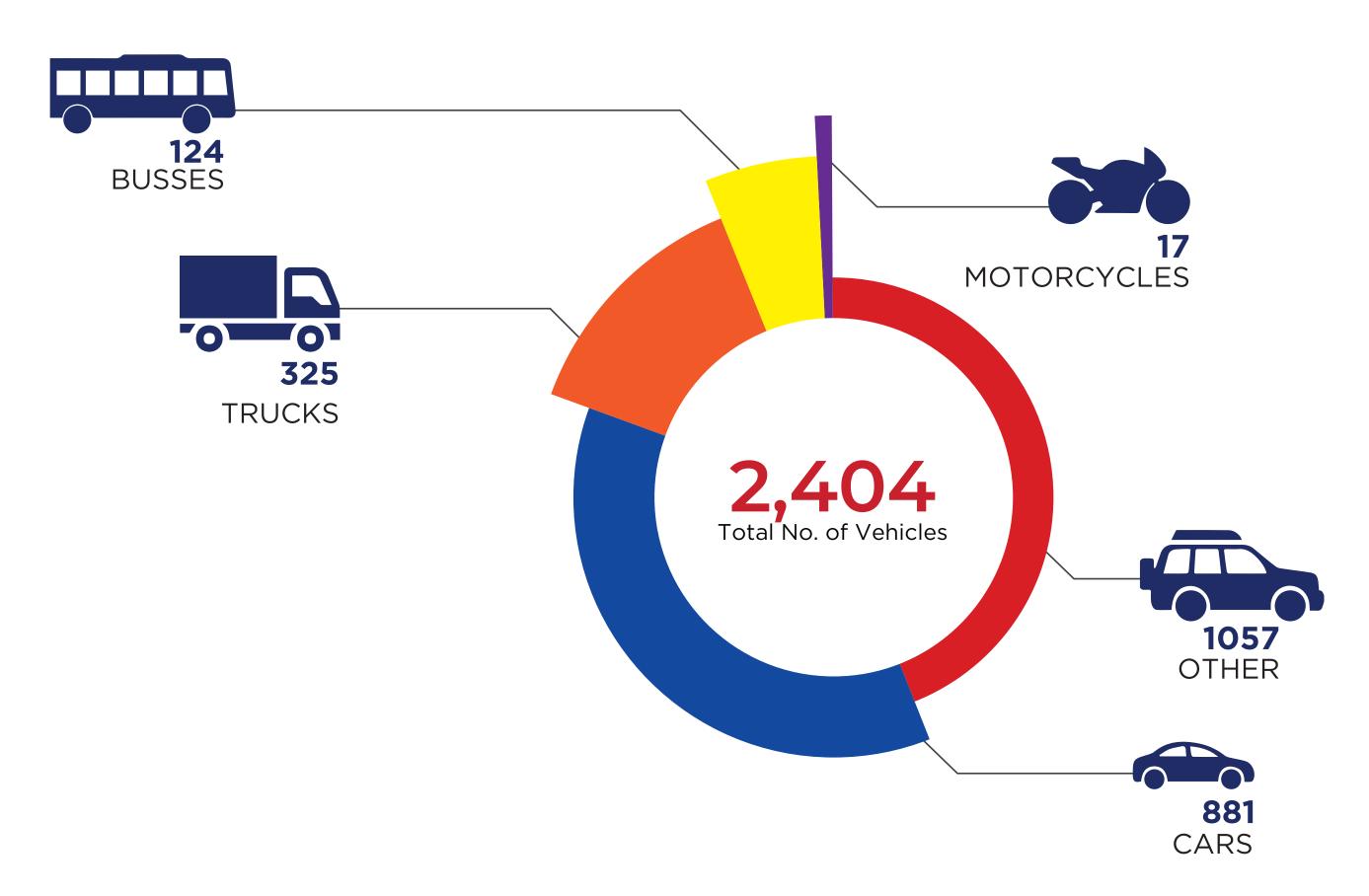
[24]
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#### **Registered Vehicles**



### There are 11 hybrid vehicles and 5 electric vehicles included in the vehicle stock.









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#### TRANSPORTATION SECTOR <sup>[9] [25] [26]</sup>





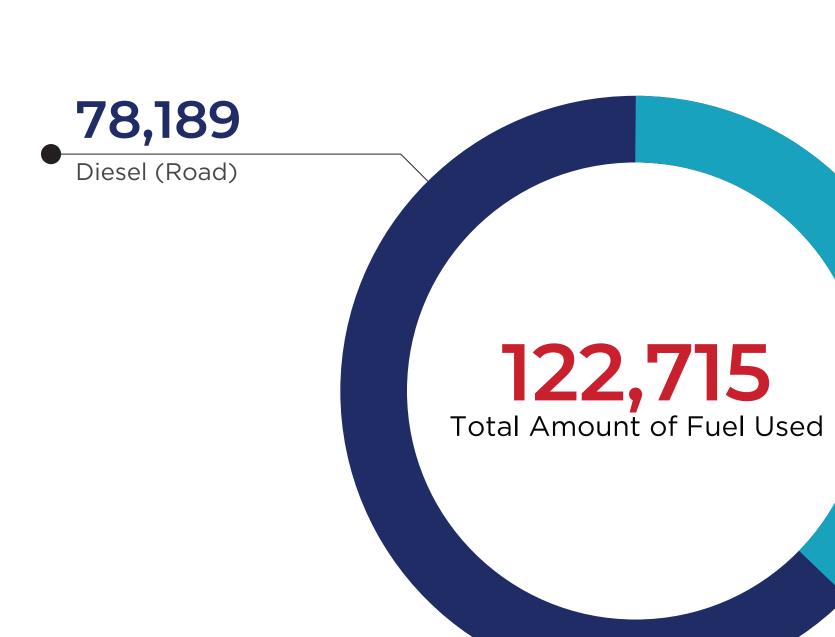








#### Fuel Types Used for Transportation (BOE)









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#### **TRANSPORTATION SECTOR**<sup>4</sup>





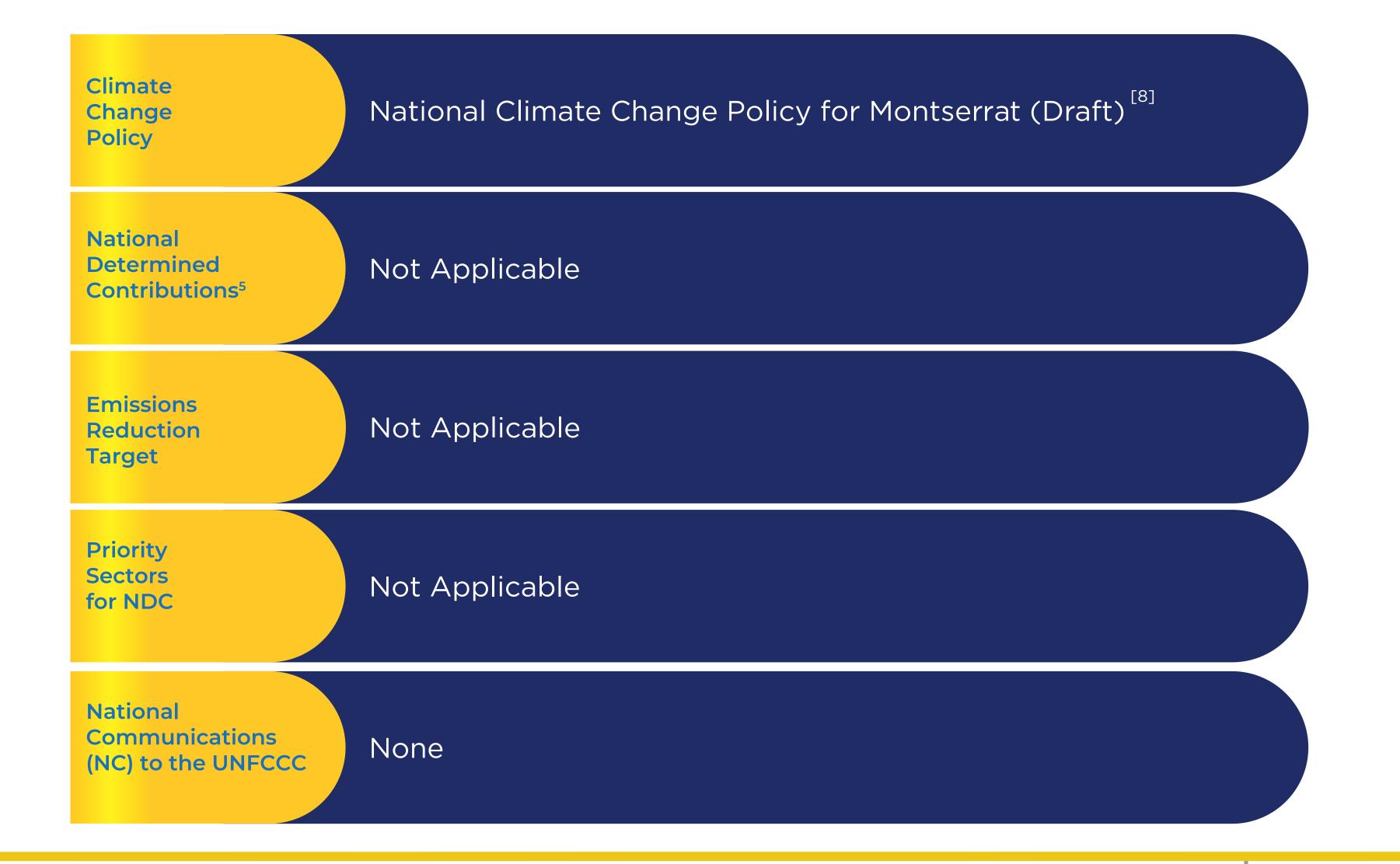


4. The Fuel use in the transportation sector only represents Data Petroleum. .















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#### CLIMATE CHANGE FRAMEWORK

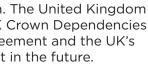




5. Montserrat is a crown colony of the United Kingdom. The United Kingdom Government indicated that they will consult with UK Crown Dependencies and Overseas Territories on extending the Paris Agreement and the UK's NDC to cover their emissions at an appropriate point in the future.

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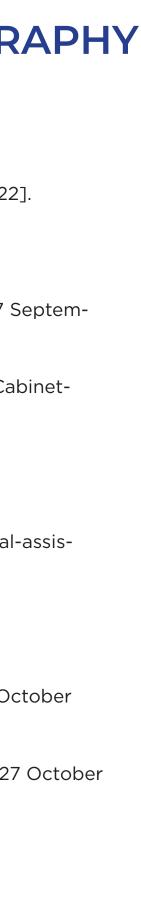
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