

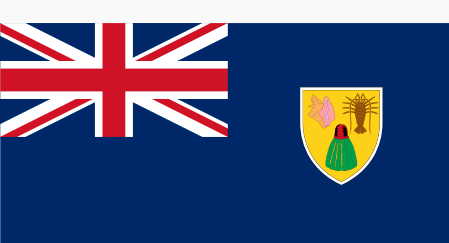
TURKS AND CAICOS

ENERGY REPORT CARD (ERC) FOR 2022



**COCKBURN
TOWN**





INTRODUCTION



This is the Energy Report Card (ERC) for 2022 for the Turks and Caicos Islands

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
- Energy Efficiency Metrics, including Energy Intensity

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

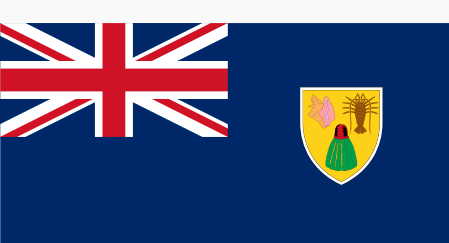
If a substantive error is detected after the ERC is disseminated, the CCREEE will make corrections and issue an errata notice, or other notification as appropriate. Also, the information contained within the ERC may be revised, after initial dissemination to reflect more complete information or other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

Acknowledgements

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ENERGY SECTOR SUMMARY

SOCIOECONOMIC POLICIES

National Physical Sustainable Development Plan (2020) [3]
Turks and Caicos Islands Vision 2040 (Draft) (2019) [4]

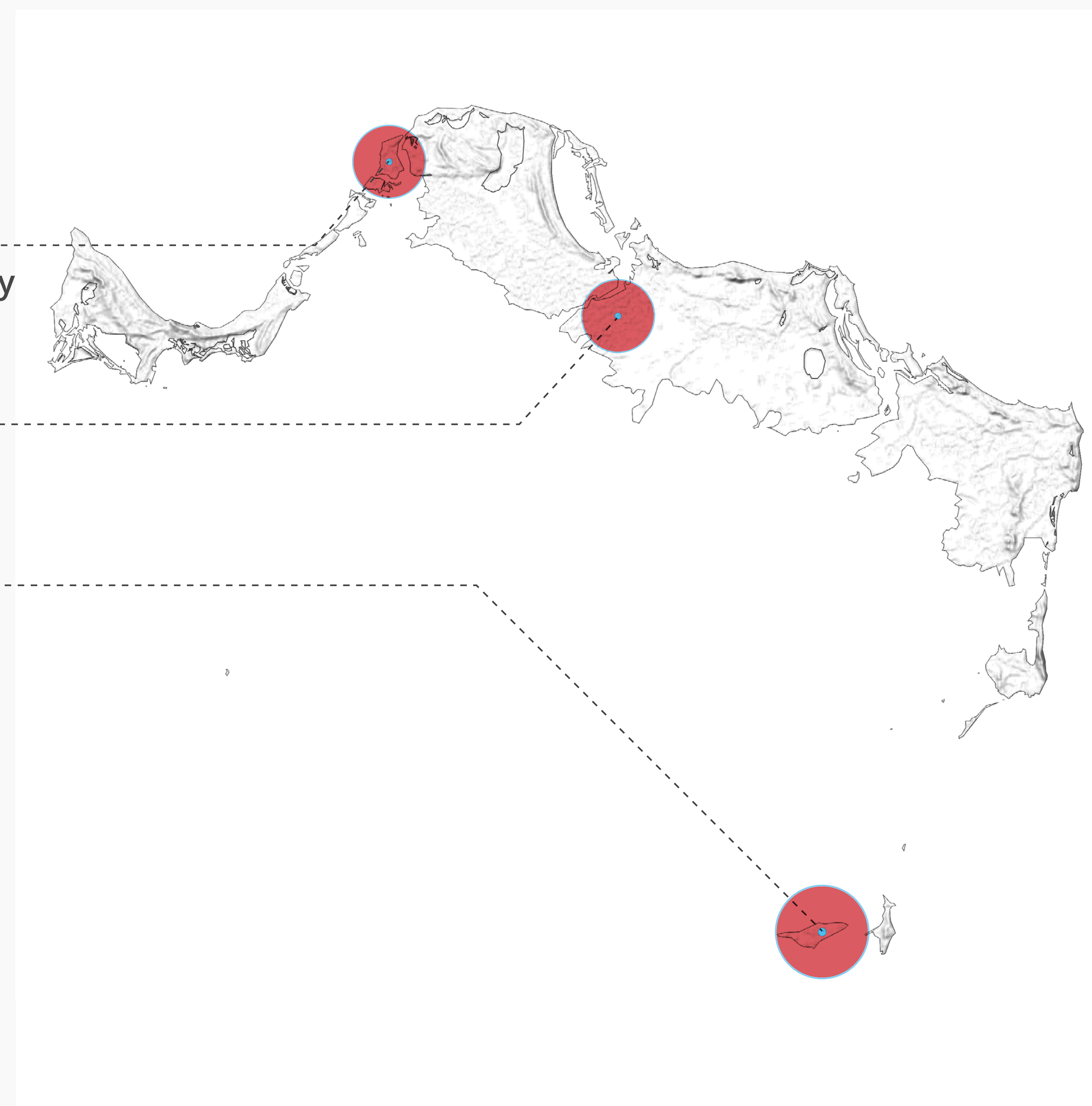
National Development Plan/ Overall Country Development Strategy

The Turks and Caicos Islands Resilient National Energy Transition Strategy [5]

National Energy Policy

None

Renewable Energy (RE) Policy



SOCIOECONOMICS

Population/ Projection	47,720 [1]
GDP (USD)	\$ 1,140,000,000.00 [1]
GDP (USD) Per Capita	\$25,985.00 [1]
Gross National Income (GNI) Per Capita (USD)	\$24,160 [2]
Debt as % of GDP	Not Available
Human Development Index	Not Applicable
RE Target	33% of total energy generation by renewable energy by 2040 [5]

Total Installed Conventional Capacity (MW)	92 MW [7]
Total Installed RE (MW)	6 MW [7] [8]
Electricity System Losses (%)	5.34% [10]
Energy Use (kWh) Per Capita	5,803 kWh
National Repository for Energy Data	None [3]

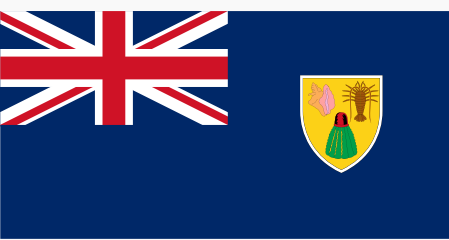
OTHER ENERGY SECTOR SUB-POLICIES

Climate Change Policy	Turks and Caicos Islands Climate Change Charter [6]
National Determined Contributions (NDC)	Not Applicable [2]
Energy Performance Standards/Appliance Labelling	None

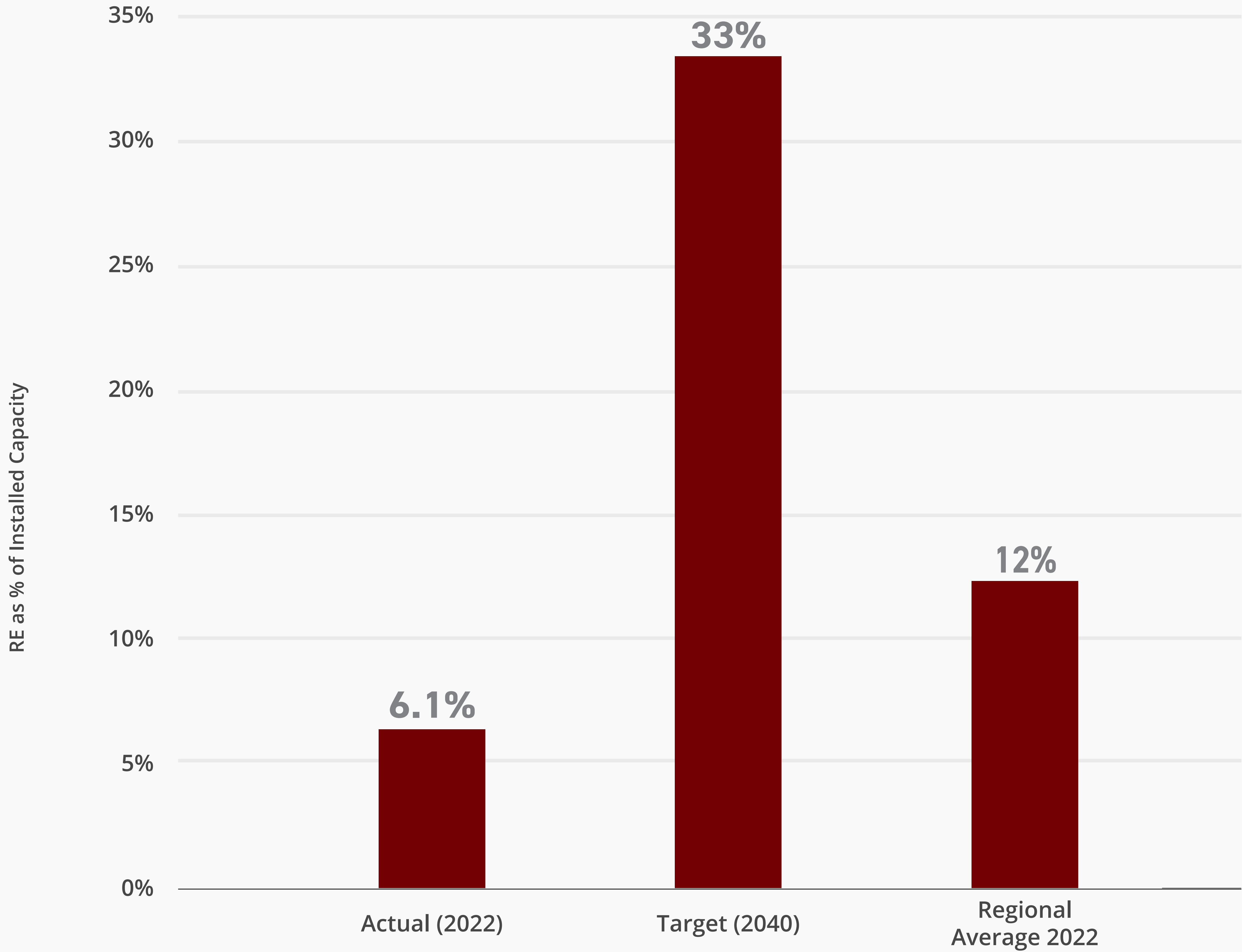
1. This is not a National Energy Policy but a Strategy Action Plan.

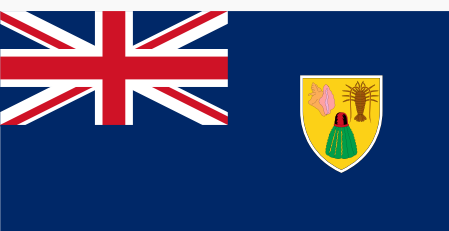
2. The Turks and Caicos Islands is a crown colony of the United Kingdom. The United Kingdom Government indicated that they will consult with UK Crown Dependencies and Overseas Territories on extending the Paris Agreement and the UK's NDC to cover their emissions at an appropriate point in the future.

3. The Turks and Caicos Islands are developing a Renewable Energy Bill that will require public utilities and RE license holders to submit data to allow for collection.

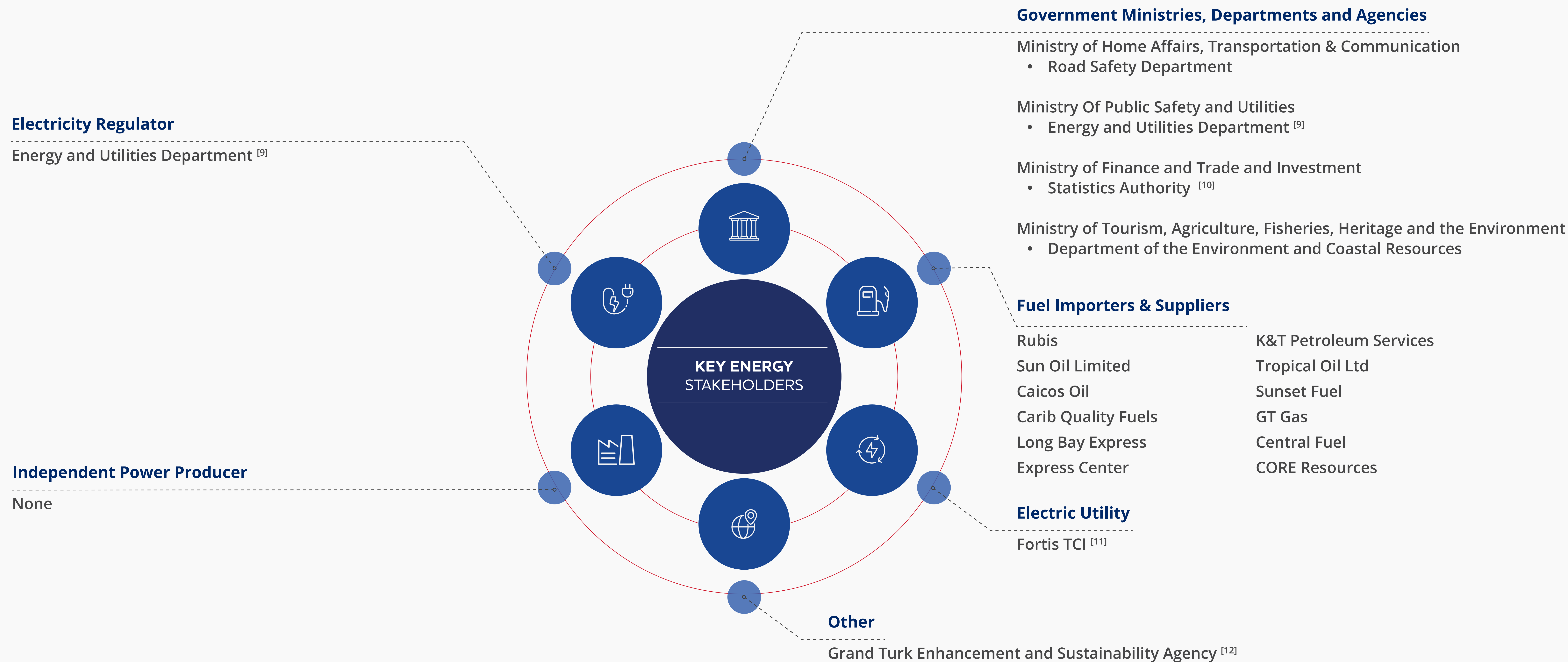


RENEWABLE ENERGY INSTALLED CAPACITY AGAINST TARGETS





KEY ENERGY STAKEHOLDERS

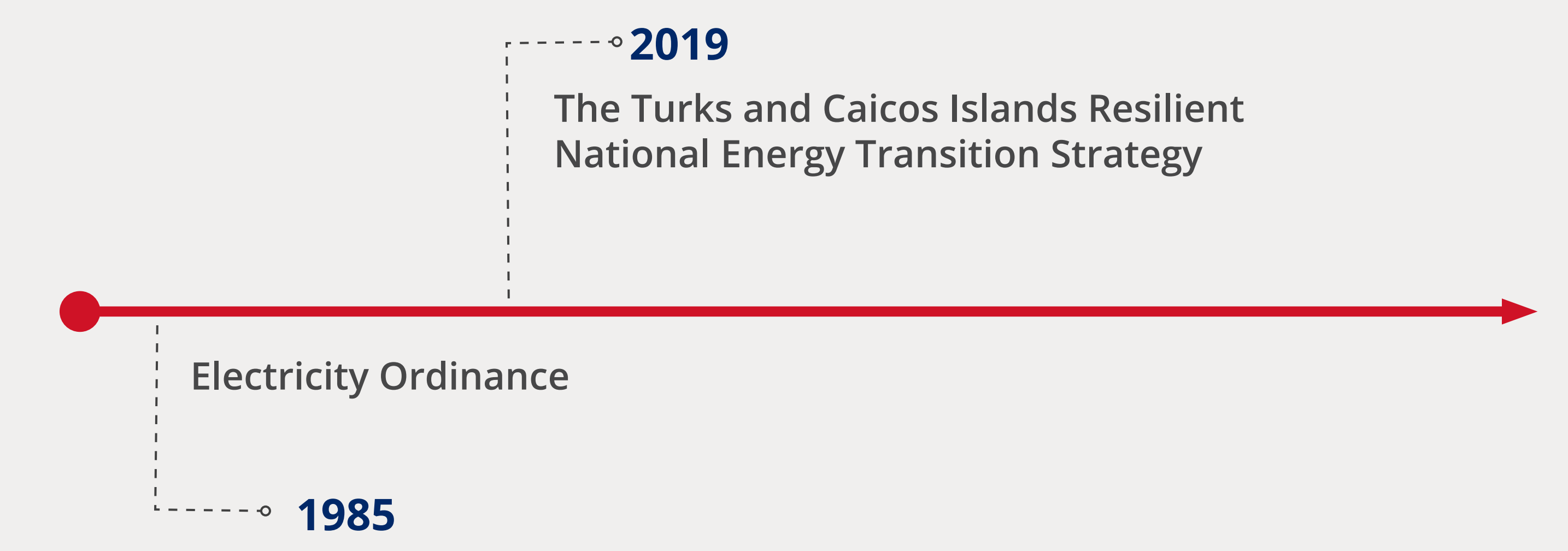


POLICIES RELEVANT TO THE ENERGY SECTOR

<p>2007</p> <p>National Socio-Economic Development Framework 2008-2017 – National Socio-economic Development Strategy [15] ●</p> <p>The Strategy guides the socio-economic development of the Turks and Caicos for national and sectoral sustainable development.</p>	<p>2008</p> <p>National Socio-economic Development Framework 2008 – 2017 Implementation Plan [16] ●</p> <p>The Implementation Plan provides sectoral programmes and activities for the National Socio-Economic Development Strategy during the plan period.</p>	<p>2008</p> <p>National Socio-economic Development Framework 2008 – 2017: Medium Term Socio-economic Development Framework 2008 - 2010 [17] ●</p> <p>Medium Term Socio-economic Development Framework outline an implementation plan for the for socio-economic development during the first three years of the National Socio-Economic Development Framework.</p>
<p>2015</p> <p>Turks and Caicos Islands National Energy Policy (Revised 2019 and 2021) [18] ●</p> <p>The Turks and Caicos Islands National Energy Policy provides the necessary steps in the TCI energy transition and the implementation of sustainable energy into the energy mix with the aim to decarbonise and reduce climate change impacts, create greater energy security, and lower costs across key economic sectors.</p>	<p>2019</p> <p>The Turks and Caicos Islands Resilient National Energy Transition Strategy [14] ●</p> <p>Establishes the need and urgency to jumpstart and sustain private sector and investment-led, productivity and export-driven growth based on an environmentally green and socially sustainable and equitable economy while radically adjusting and reforming the Barbadian economy thereby:</p>	<p>2019</p> <p>Turks and Caicos Islands Vision 2040⁶ ●</p> <p>The Turks and Caicos Islands Vision 2040 seeks to be a guiding tool for the country's development with long-term strategies to provide a high quality of life for its citizens.</p>

	YEAR
Energy Policy and Energy Action Plan [13] ⁴ : ●	
RE Target [14]: ●	2019
EE Target: ●	
Electricity Regulator: ●	2021
Net Billing/Net Metering: ●	
Interconnection Policy/Standards: ●	
Feed-in-tariff: ●	
RE/EE Act ⁵ : ●	

KEY ACHIEVEMENTS: PLR FRAMEWORK TIMELINE FOR ELECTRICITY SUB-SECTOR



● IN FORCE ● DRAFT ● DRAFT IN PROGRESS ● NOT YET ESTABLISHED

4. The document is not available for public viewing.
 5. The Turks and Caicos are in the process of developing a Renewable Energy Bill. This Bill is expected to cover Net Billing and Interconnections
 6. The Turks and Caicos Islands Vision 2040 was finalised in 2023.

LEGISLATION RELEVANT TO THE ENERGY SECTOR

Electricity Ordinance [19] ●

1985 The Act aims to control the supply of electricity by public and private suppliers and the determination of electricity tariffs for electricity supplied by public suppliers.

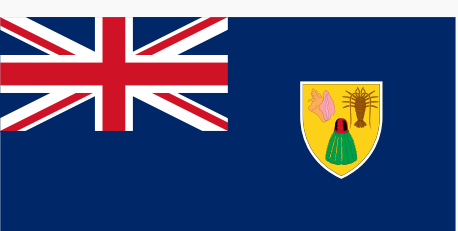
Petroleum Ordinance [20] ●

2014 This Act addresses the importation, distribution and use of petroleum.

INCENTIVES RELEVANT TO THE ENERGY SECTOR

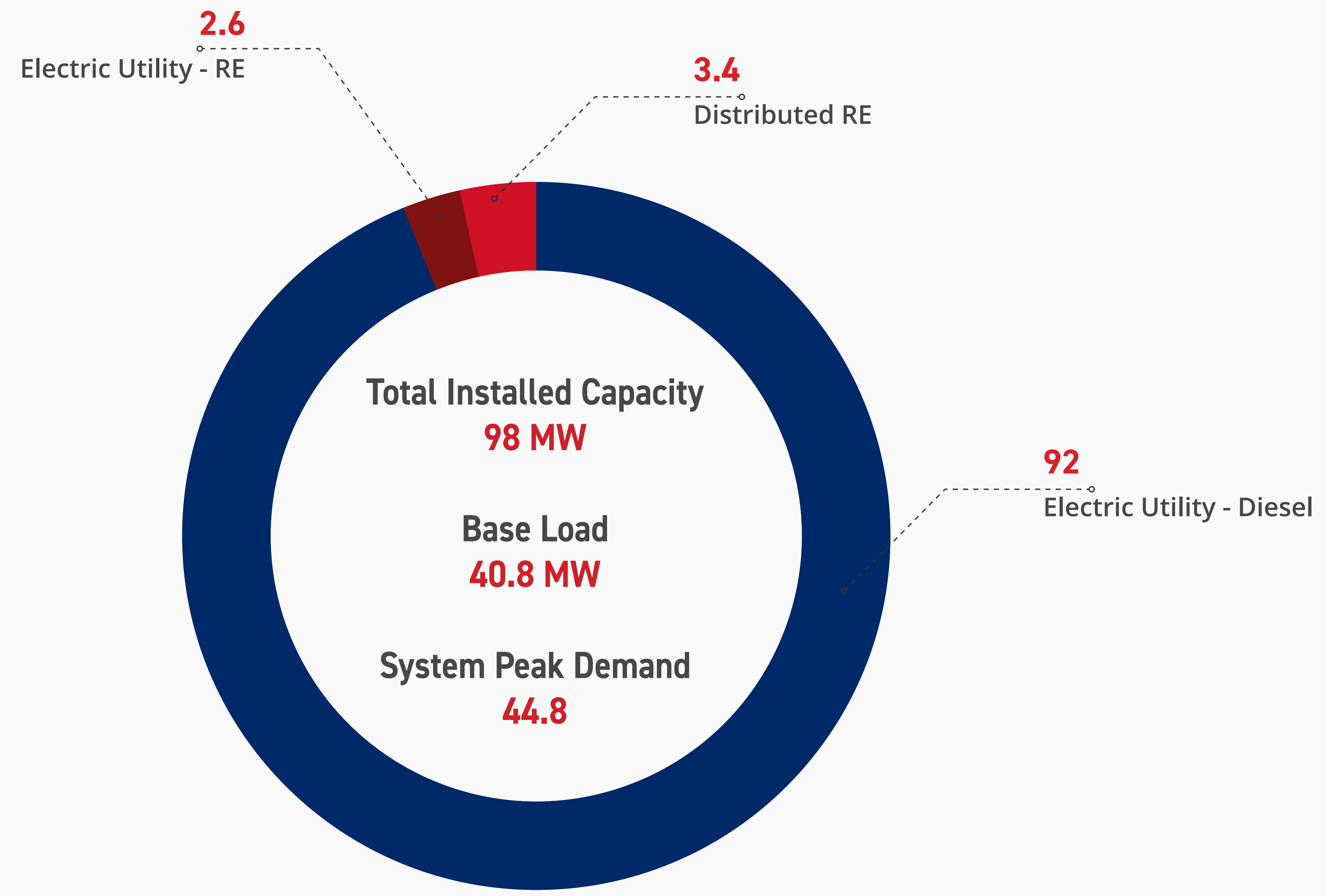
Customs Tariff (General) Order [21] ●

2010 The Customs Tariff includes schedule of duties imposed by TCI on imported goods

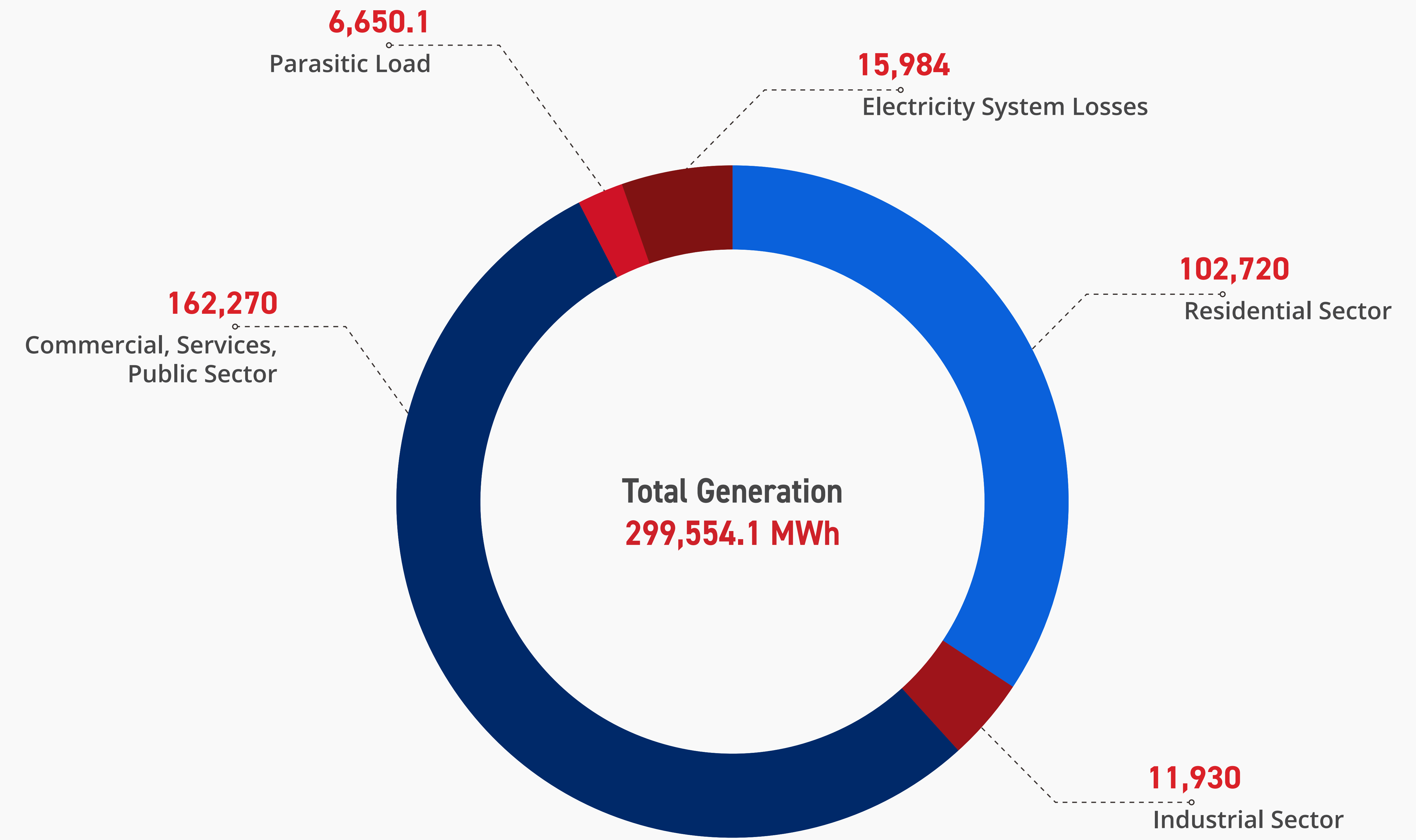


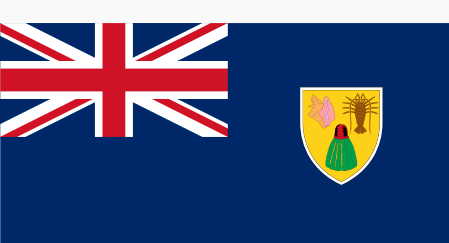
ELECTRICITY & ENERGY EFFICIENCY [6]

+ INSTALLED CAPACITY (MW)



+ ENERGY CONSUMPTION (MWh)

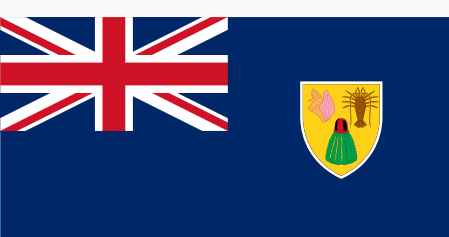




ELECTRICITY TARIFFS ^[6]



Category		Providenciales	North Caicos	Middles Caicos	South Caicos	Pine Cay	Grand Turk and Salt Cay
Residential	300 kWh and below	0.26	0.26	0.26	0.25		
	301 kWh and above	0.28	0.28	0.28	0.26		0.29
Commercial	consumption > 300,000 kWh per annum	0.29	0.29	0.29	0.30		0.35
Medium Hotel	consumption > 300,000 kWh per annum	0.27	0.27	0.27	0.27	0.27	
Large Supermarket	consumption > 300,000 kWh per annum	0.27	0.27	0.27			
Large Hotel	consumption > 4,2000,000 kWh per annum	0.23					



PROJECTS IN THE PIPELINE



+ PROGRAMMES

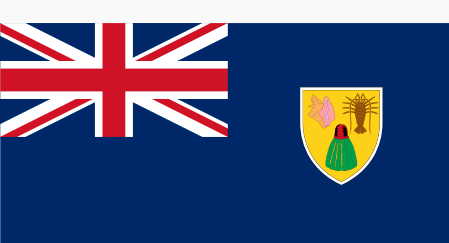
Donor Funding and Technical Assistance Landscape	Donor Organization & Banks	Technical Assistance Providers	Funding Awards	Year
RESEMBID-Sustainable Energy [6]	European Union	Expertise France	€ 1,450,326.15	2022

+ ENERGY EFFICIENCY PROJECTS

There were no Energy Efficiency Projects reported for 2022.

+ SUSTAINABLE TRANSPORTATION PROJECT

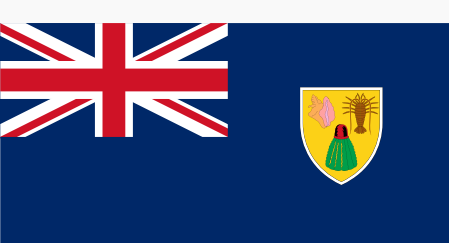
There were no Renewable Energy Projects reported for 2022.



TERTIARY PROGRAMMES OFFERED



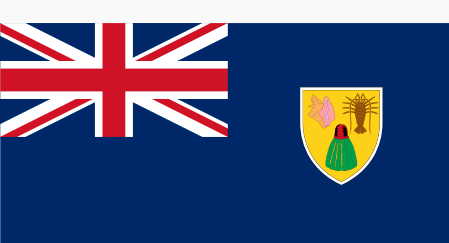
There are no courses or programmes available in renewable energy and sustainable development.



TRANSPORTATION SECTOR



No data was available for the transportation sector for 2022.

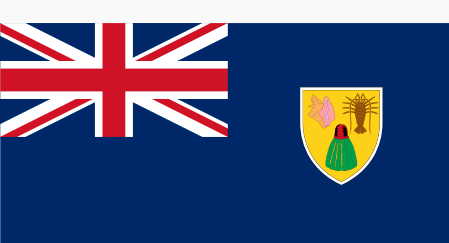


CLIMATE CHANGE FRAMEWORK



Climate Change Policy	Turks and Caicos Islands Climate Change Charter [6]
National Determined Contributions:	Not Applicable ⁷
Emissions Reduction Target:	Not Applicable
Priority Sectors for NDC	Not Applicable
National Communications (NC) to the UNFCCC:	Not Applicable
	None

7. The Turks and Caicos Islands 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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