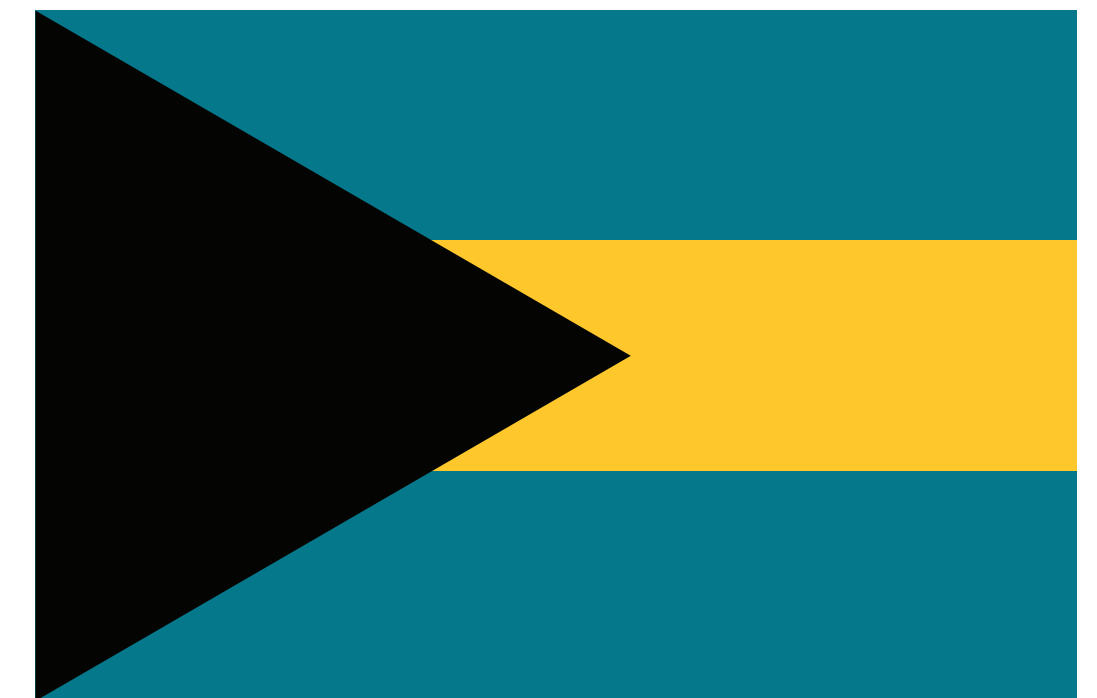


BAHAMAS

ENERGY REPORT CARD (ERC) FOR 2021



INTRODUCTION

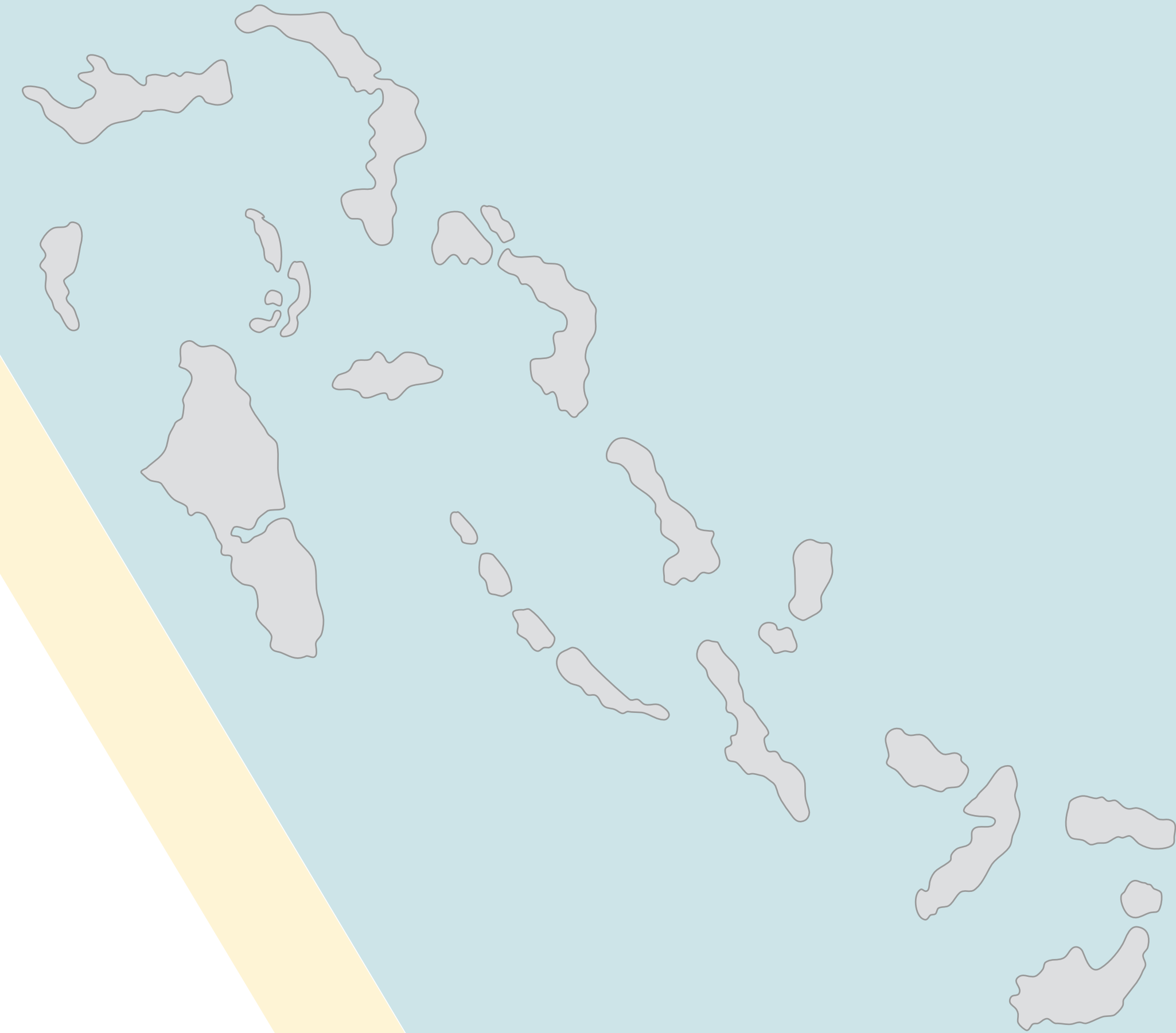
This document presents The Bahamas' Energy Report Card (ERC) for 2021.

The ERC provides an overview of the energy sector performance in The Bahamas. The ERC also includes energy efficiency, technical assistance, workforce, training and capacity building information, subject to the availability of data.

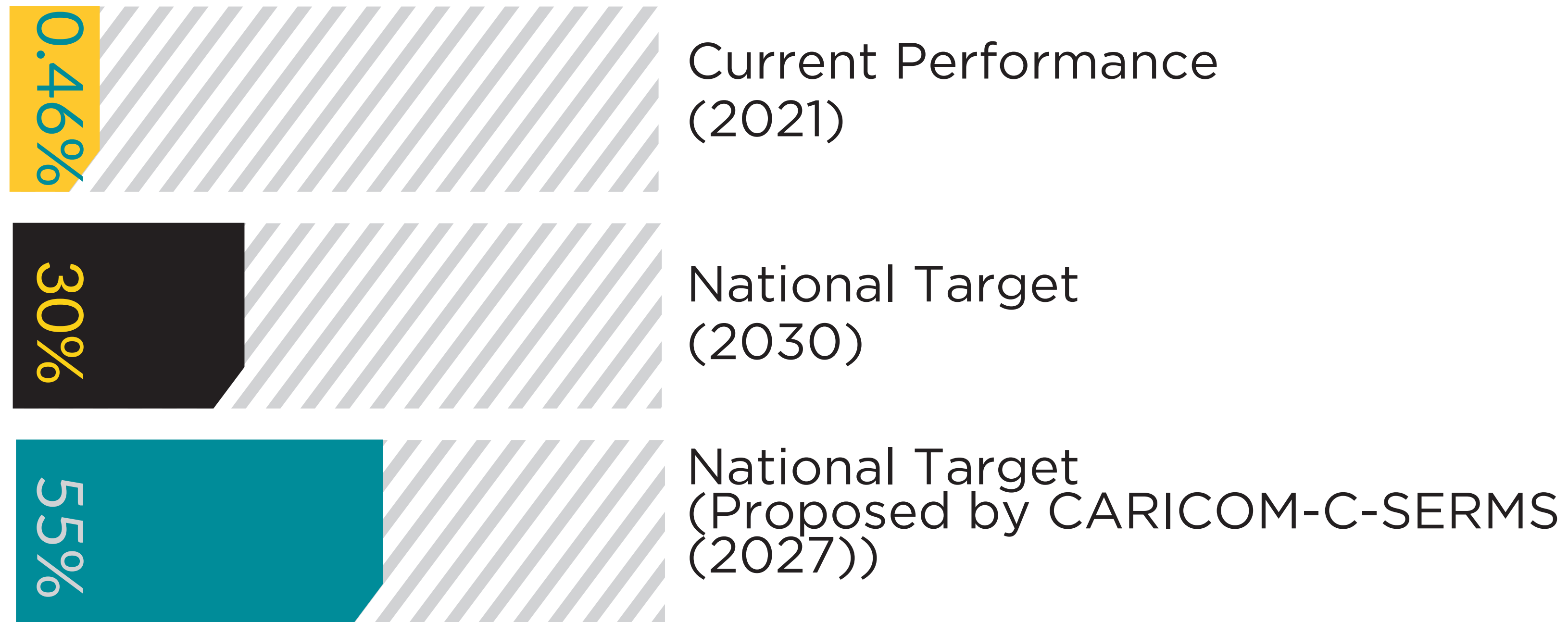
This ERC includes data and information that was provided by government ministries, agencies, or departments, with responsibility for energy, utilities, and statistical offices.

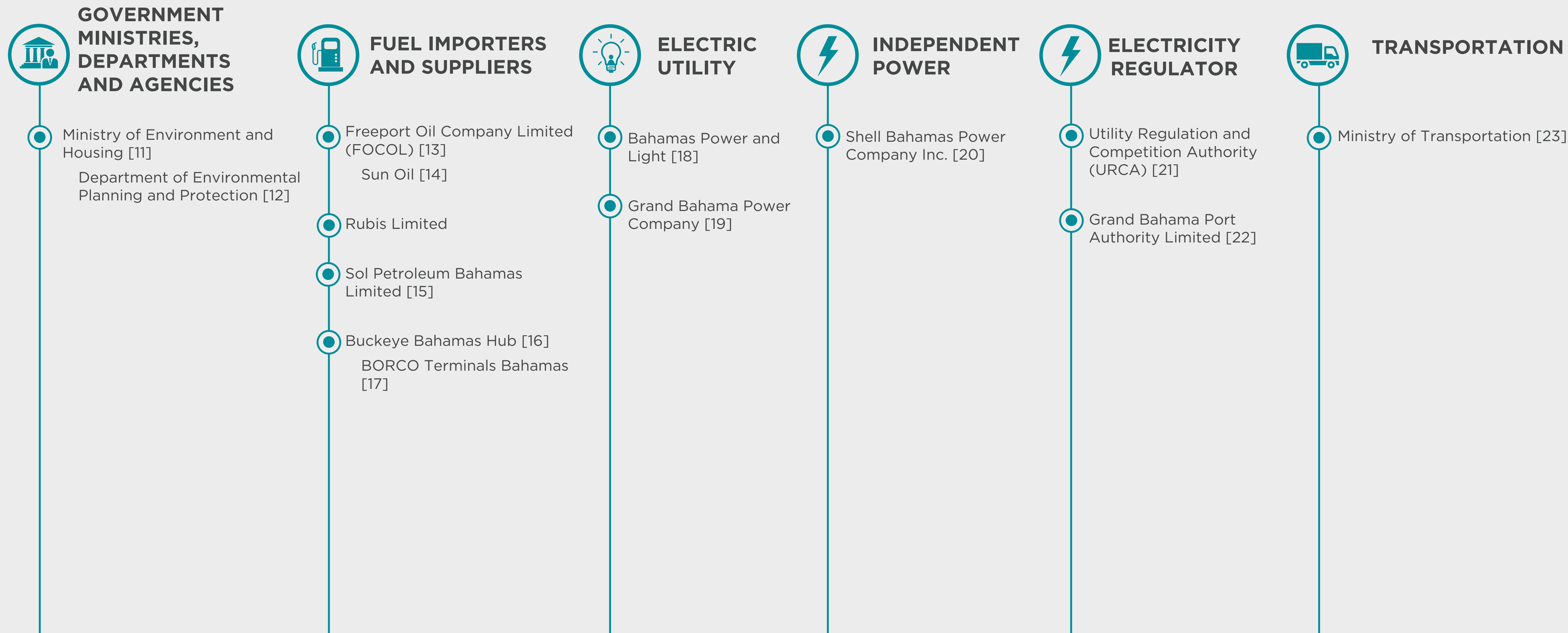
The data collected was supplemented by internet research, author calculations and inferences.

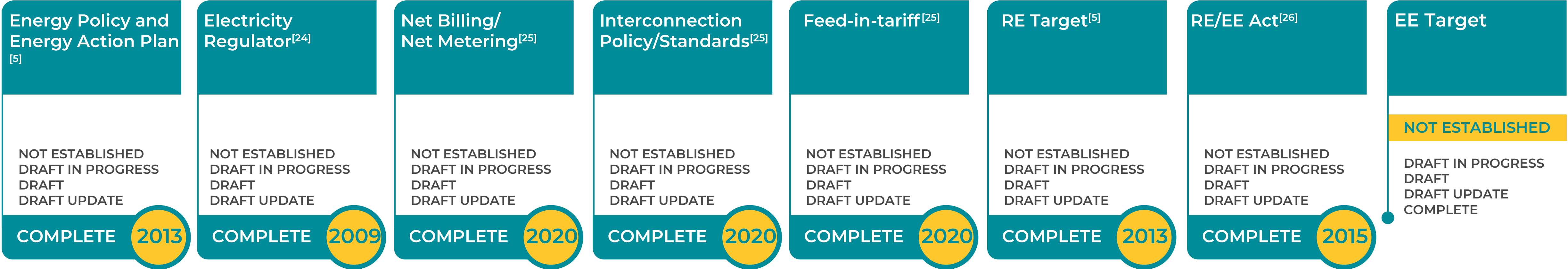
This data is a collection from a variety of public sources and, as such, is for general information only. It is not intended for decision-making purposes, and therefore reliance placed on the information herein is strictly at the user's risk.



Performance Against Targets



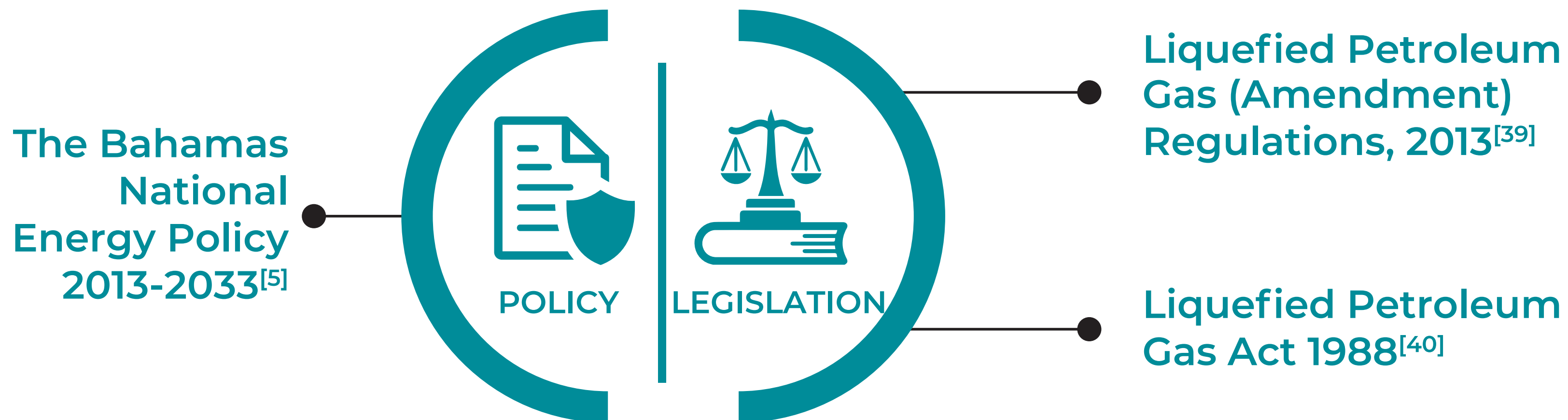




Policies and Legislation Relevant to the Energy Sector

KEY ACHIEVEMENTS

PLR Framework Timeline For Electricity Sector



- 1993** Public Utilities Commission Act ^[27]
- 2001** Electricity Act^[28]
- 2009** Utilities Regulation and Competition Authority Act^[29]
- 2010** Utilities Regulation and Competition Authorities (Amendment) Act^[30]
- 2013** Electricity (Amendment) Bill (2013)^[31]
- 2015** Electricity Act (2015)^[26]
- 2015** Utilities Regulation and Competition Authority (Amendment) Act^[32]
- 2018** The Electricity (Amendment) (No.2) Act^[33]



LEGISLATION RELEVANT TO THE TRANSPORTATION SECTOR

Petroleum Regulations Chapter 219 (2001)¹ [34]

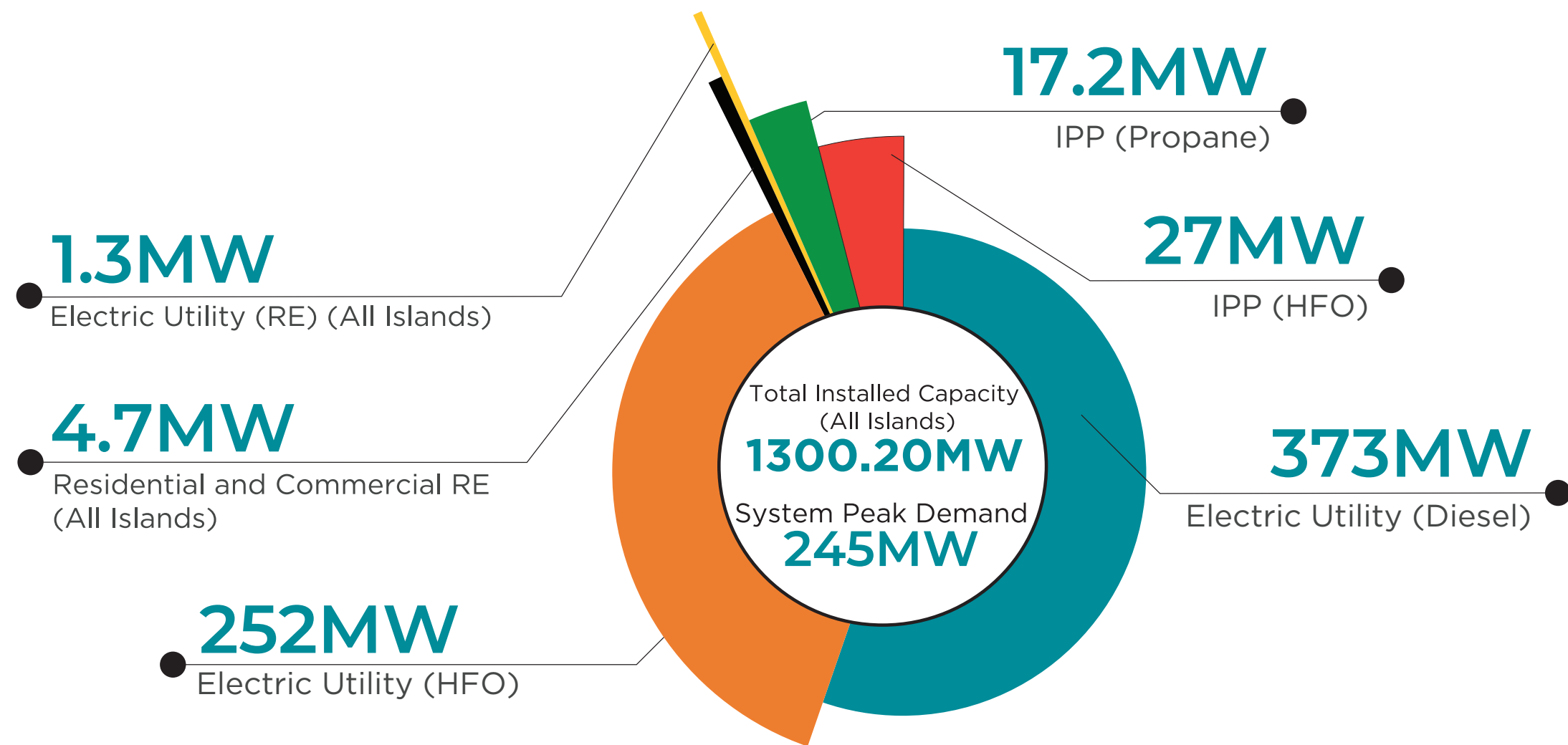
Petroleum Regulations, 2016 (No. 2 of 2016)² [35]

Road Traffic (Amendment) Act, 2019 [36]

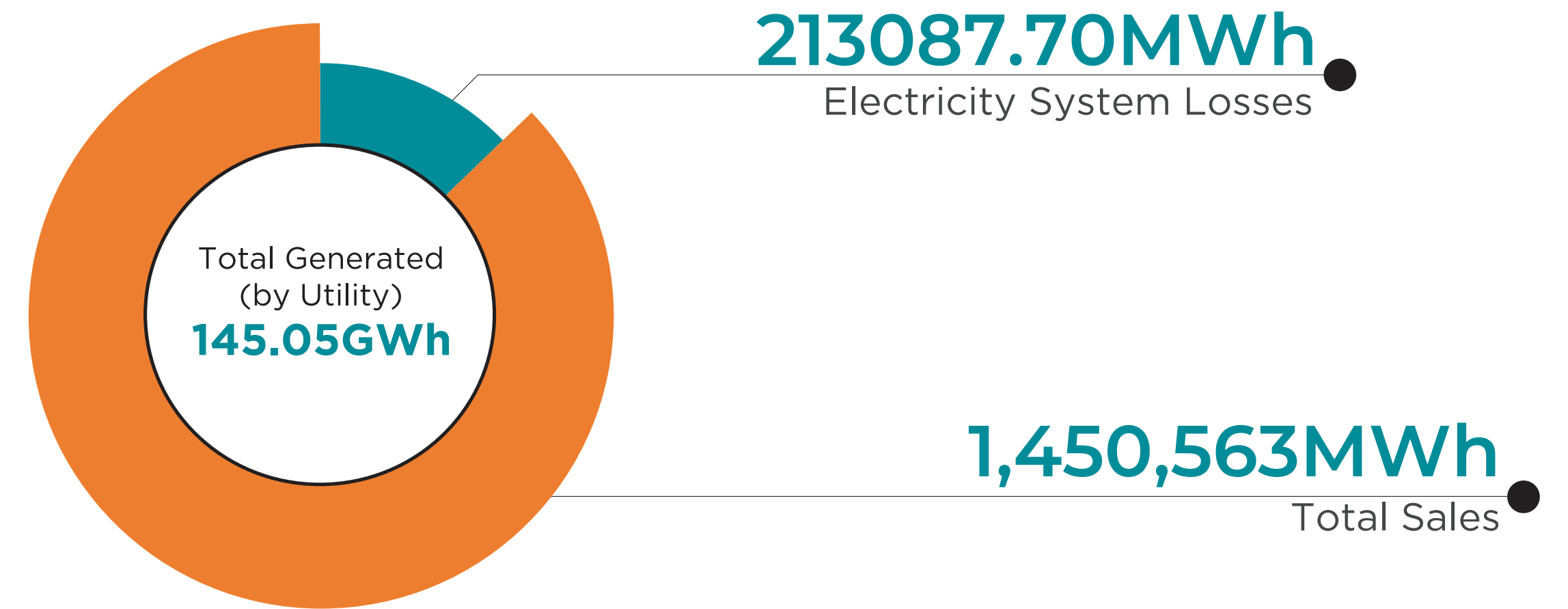
Civil Aviation (Safety) Regulation, 2001 [37]

Road Traffic (Amendment) Act, 2019 [38]

Installed Capacity (MWh)

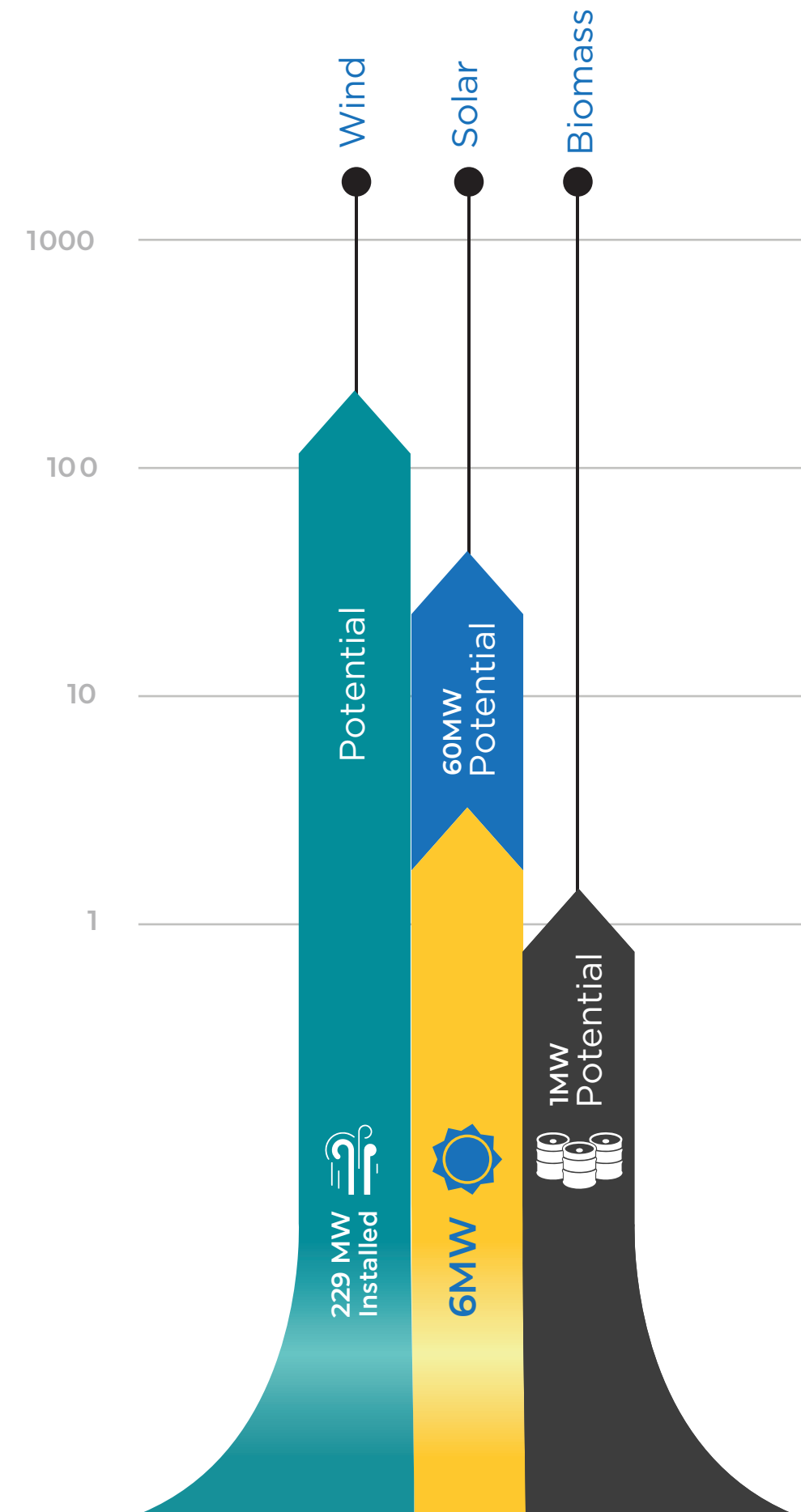


Energy Consumption (MWh)⁴



3. The Electricity and Energy Efficiency data presented represents only Bahamas Power and Light Company
4. The System Peak demand, Total Generation and Total Sales are reflective of New Providence Island only.

Renewable Energy Resources



- Residential Tariff
- Commercial
- Industrial/ Large Power
- Streetlights

Electricity Tariffs⁵


CATEGORY	US\$/kWh
0 - 200	\$0.1095
201 - 800	\$0.1195
> 800	\$0.1495
Commercial	\$0.15
Industrial/ Large Power ≤ 900,000	\$0.087
> 900,000	\$0.062
Streetlights	\$0.15

5. These Electricity Tariffs are reflective of Bahamas Power and Light Company only

Technical Assistance Projects



Renewable Energy Projects



SOLAR PHOTO-VOLTAIC

OWNERSHIP
Government Owned

CAPACITY
407KW

DEVELOPMENT PARTNER
Government of the Bahamas
and IDB

COST (USD)
\$170,000,000

FUNDING SOURCE
IDB Loan



SOLAR PHOTO-VOLTAIC

OWNERSHIP
Government Owned

CAPACITY
Not Available

DEVELOPMENT PARTNER
Government of the Bahamas
and IDB

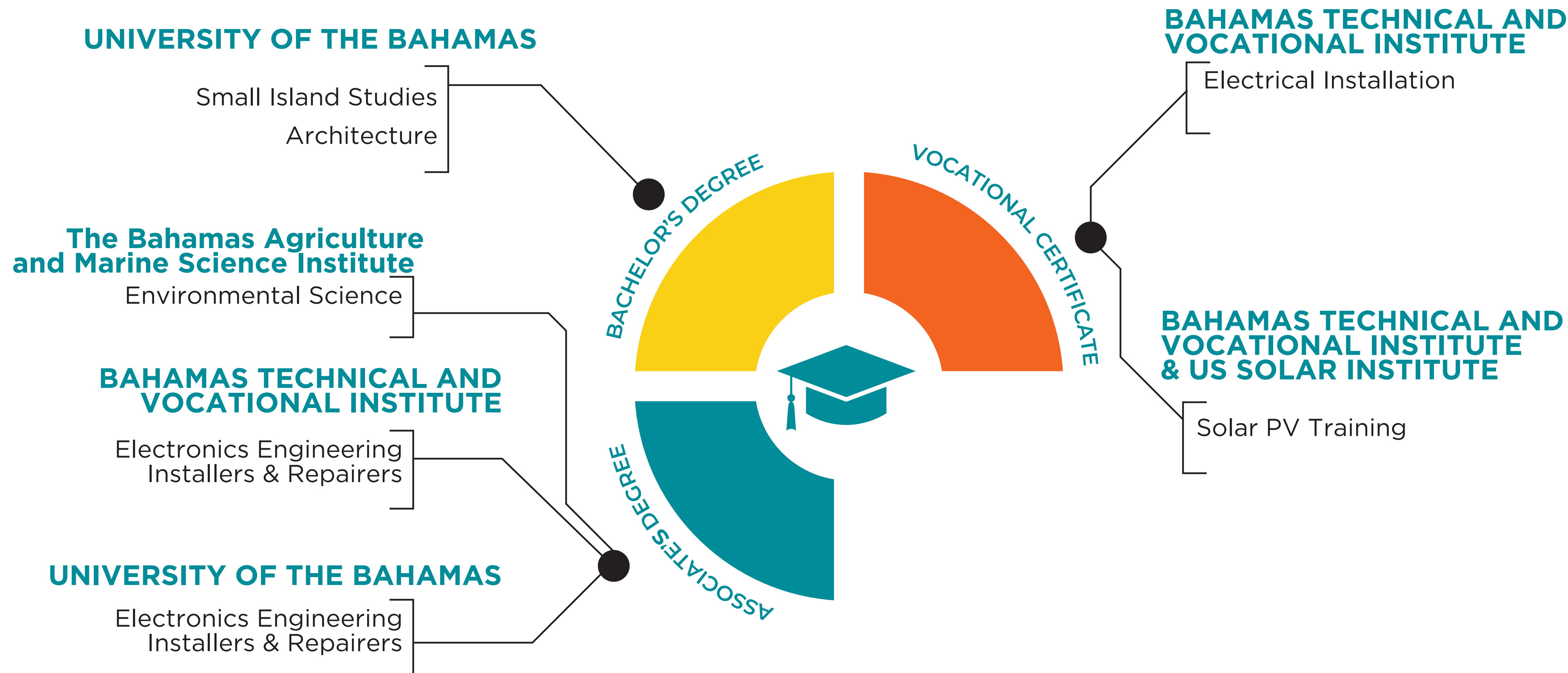
COST (USD)
\$4,900,000

FUNDING SOURCE
IDB Loan

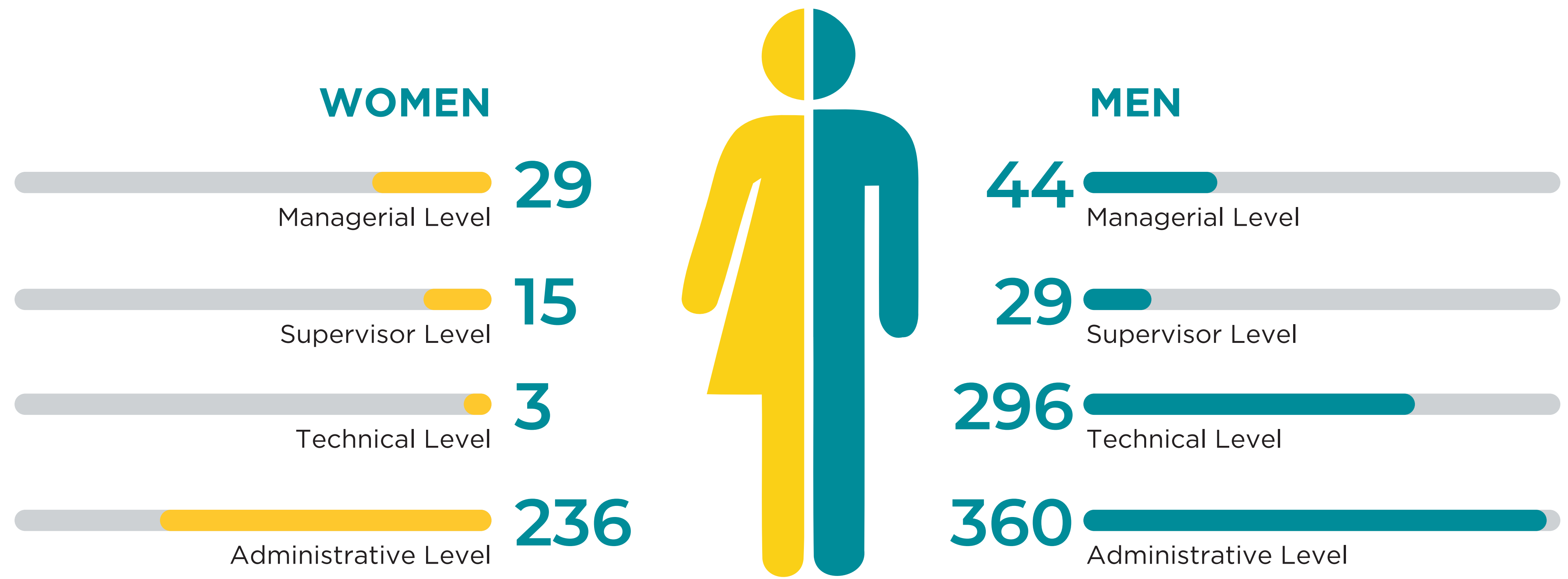



ENERGY EFFICIENCY PROJECTS

There were no Energy Efficiency Projects reported for 2021.



No. of Persons Employed in the Energy Sector [7]





TRANSPORTATION SECTOR
It was estimated that there are more than 300 electric vehicles in The Bahamas ^[7]
No other data was provided for transportation sector for 2021

Climate Change Policy

National Policy for the Adaptation to Climate Change [8]

National Determined Contributions ⁶

An economy wide reduction of GHG emissions of 30% when compared to is BAU scenario by 2030. [9]

Emissions Reduction Target ^[9]

30% below 2010 levels by 2030

Priority Sectors for NDC ^[9]

Forestry
Energy

National Communications (NC) to the UNFCCC

First National Communication on Climate Change Submitted to the Secretariat of the United Nations Framework Convention on Climate Change for Presentation to the Conference of Parties [43]
The Second National Communication Report of The Commonwealth of The Bahamas under The United Nations Framework on Climate Change [44]

Emissions

	Gg		Gg Gas		
	NMVOCS	NO	N ₂ O	CH ₄	CO ₂
ENERGY					660.45
LUCF ONSITE BURNING OF FORESTS		0.12	0.00013	0.50	4.35
LUCF			0	0	0
LIVESTOCK				0.23	
SOLID WASTE				0.07	
COMM/INDUSTRIAL				0.003	
WASTEWATER AND SLUDGE				0.05	
ANIMAL WASTE MGMT			0.001		
GRAZING ANIMALS			0.004		
AGRICULTURAL SOILS			0.005		
LEACHING			0.03		
HUMAN SEWAGE			0.02		
FUGITIVE EMISSIONS	2.31				
ROAD SURFACING	0.17				

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