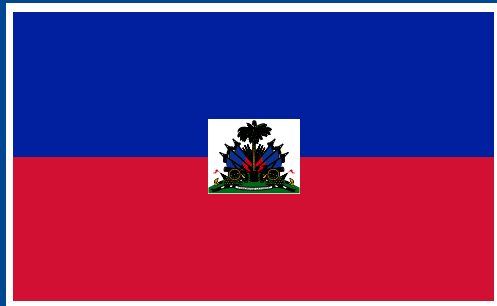




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UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION

INTRODUCTION

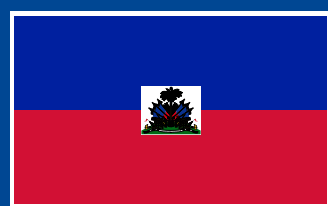
This document presents Haiti's Energy Report Card (ERC) for 2019.

The ERC provides an overview of the energy sector performance in Haiti. The ERC also includes energy efficiency, projects, 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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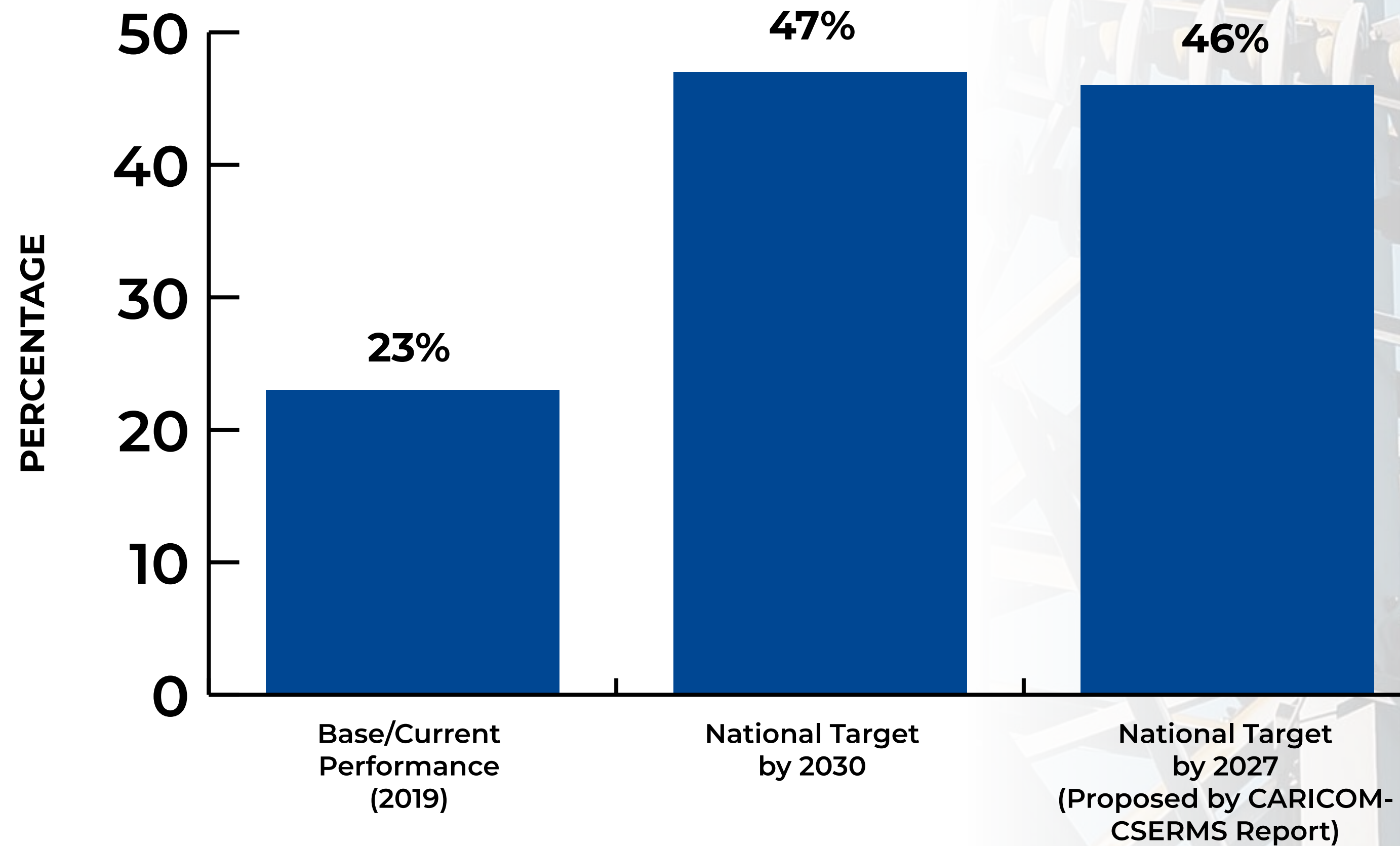
ENERGY SECTOR SUMMARY

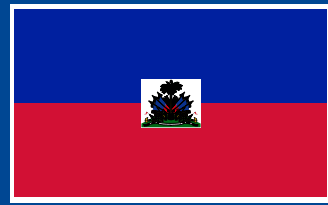
Key Data and Information - Energy Sector	
Population (2018 Estimate)	11,263,077 [1]
GDP (USD) Per Capita	890 [2]
Debt as % of GDP	47% [2]
Human Development Index (2018)	0.51 [3]
National Development Plan/Overall Country Development Strategy	Plan Stratégique de Développement D’Haïti: Pays Émergent en 2030 (Haiti’s Strategic Development Plan: Emerging Country in 2030) [4]
National Energy Policy (Draft)	Avant-Projet de Politique Energétique de la République D’haïti (Draft Energy Policy of the Republic of Haiti)(2012) [5]
Renewable Energy (RE) Policy	None
RE Target	47% by 2030 [6]
Energy Performance Standards/Appliance Labelling	None [7]
No. of Persons Employed in Energy Sector	2,874 [7]
Total Oil Import (BOE) per day (2018)	20,000 [8]
Total Oil Export (BOE) per day	None
Total Installed Capacity (MW)	251 [7]
Total Installed RE (MW)	54 [7]
Electricity System Losses (%)	60% [9]
Energy Use (kWh) Per Capita	36 [10]
Climate Change Policy	None
Electric Vehicle Stock	None
National Determined Contributions (NDC)	Unconditional: 5% compared to 2000 levels by 2030 Conditional: 26% compared to 2000 levels by 2030 [6]
National Repository for Energy Data	None



ENERGY SECTOR PERFORMANCE AGAINST TARGETS

RENEWABLE ENERGY PERFORMANCE AGAINST TARGETS





KEY ENERGY STAKEHOLDERS

Government Ministries, Departments and Agencies

- Ministry of Public Works, Transport and Communication (MTPTC)
- Office of Energy Security

Fuel Importers & Suppliers

- Petróleos de Venezuela SA (PDVSA)
- DINASA
- Total SA
- CapInvest
- DNC SA
- SOL
- GO

Electric Utility

- Electricity of Haiti (EDH)

Independent Power Producer(s)

- E-Power

Electricity Regulator

- National regulatory authority for the energy sector (ANARSE)

Transportation

- Ministry of Public Works, Transport and Communication (MTPTC) – Transport Directorate



ELECTRICITY SECTOR: POLICY, LEGAL AND REGULATORY (PLR) FRAMEWORK

	Completed	In Progress/ Draft	Not Yet Started/ Not Established
Energy Policy and Energy Action Plan		✓	
RE Target	✓		
EE Target			✓
Electricity Regulator	✓		
Net Billing / Net Metering			✓
Interconnection Policy/Standards			✓
Feed-in-tariff			✓
RE/EE Act			✓

Policies and Legislation Relevant to the Energy Sector

Policies:

- Haiti : Plan de Développement du Secteur de l'Energie 2007 - 2017 (National plan for the development of the energy sector 2007 – 2017) [12]
- Avant-Projet de Politique Energétique de la République D'haïti (Draft National energy policy (2012)) [5]

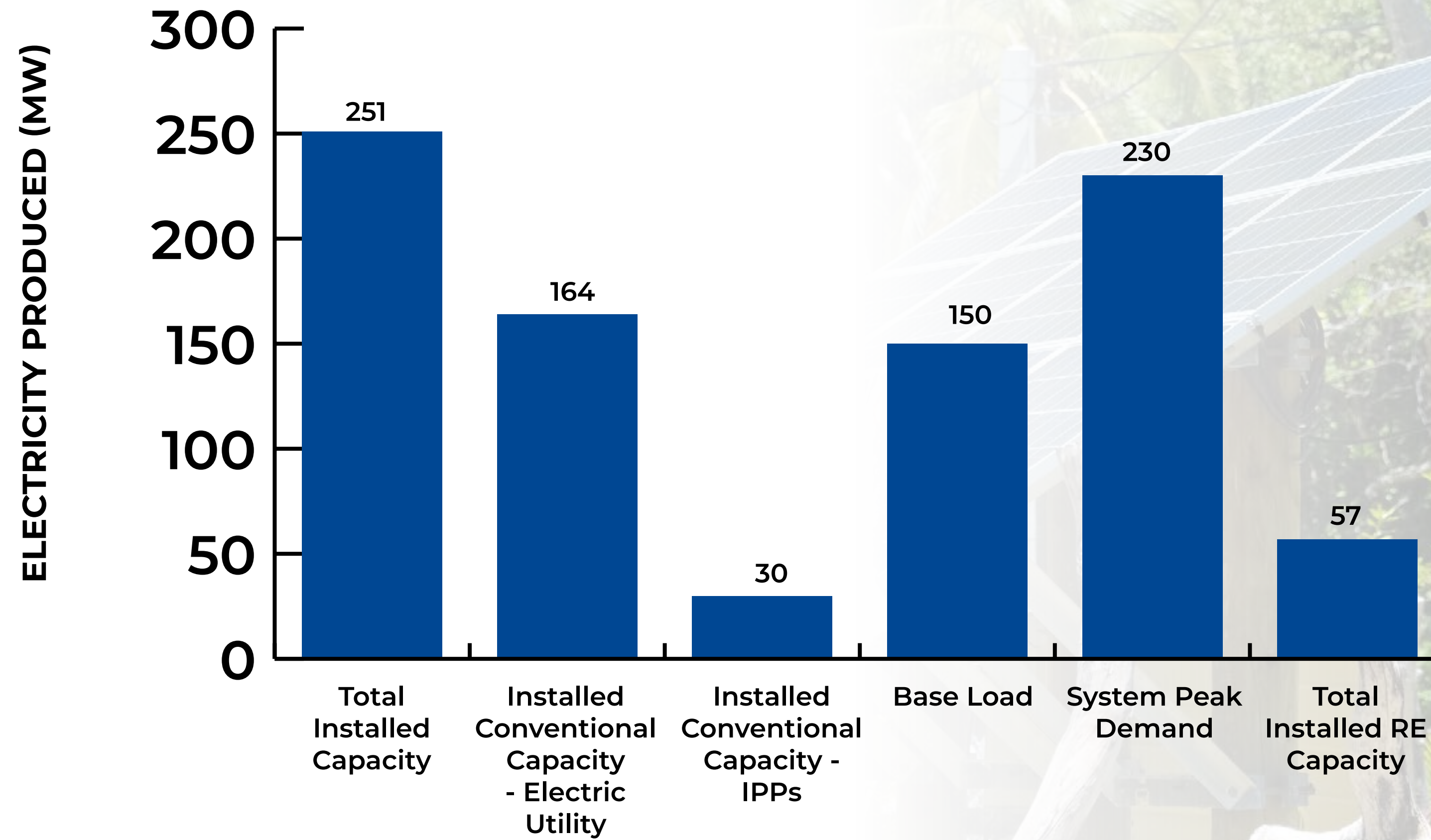
KEY ACHIEVEMENTS: PLR FRAMEWORK TIMELINE FOR ELECTRICITY SECTOR

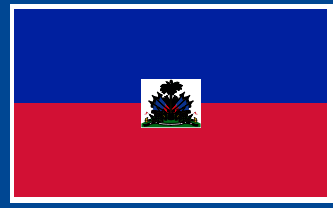
Name	Year
Creation of National regulatory authority for the energy sector (ANARSE) [11]	2016



ELECTRICITY & ENERGY EFFICIENCY

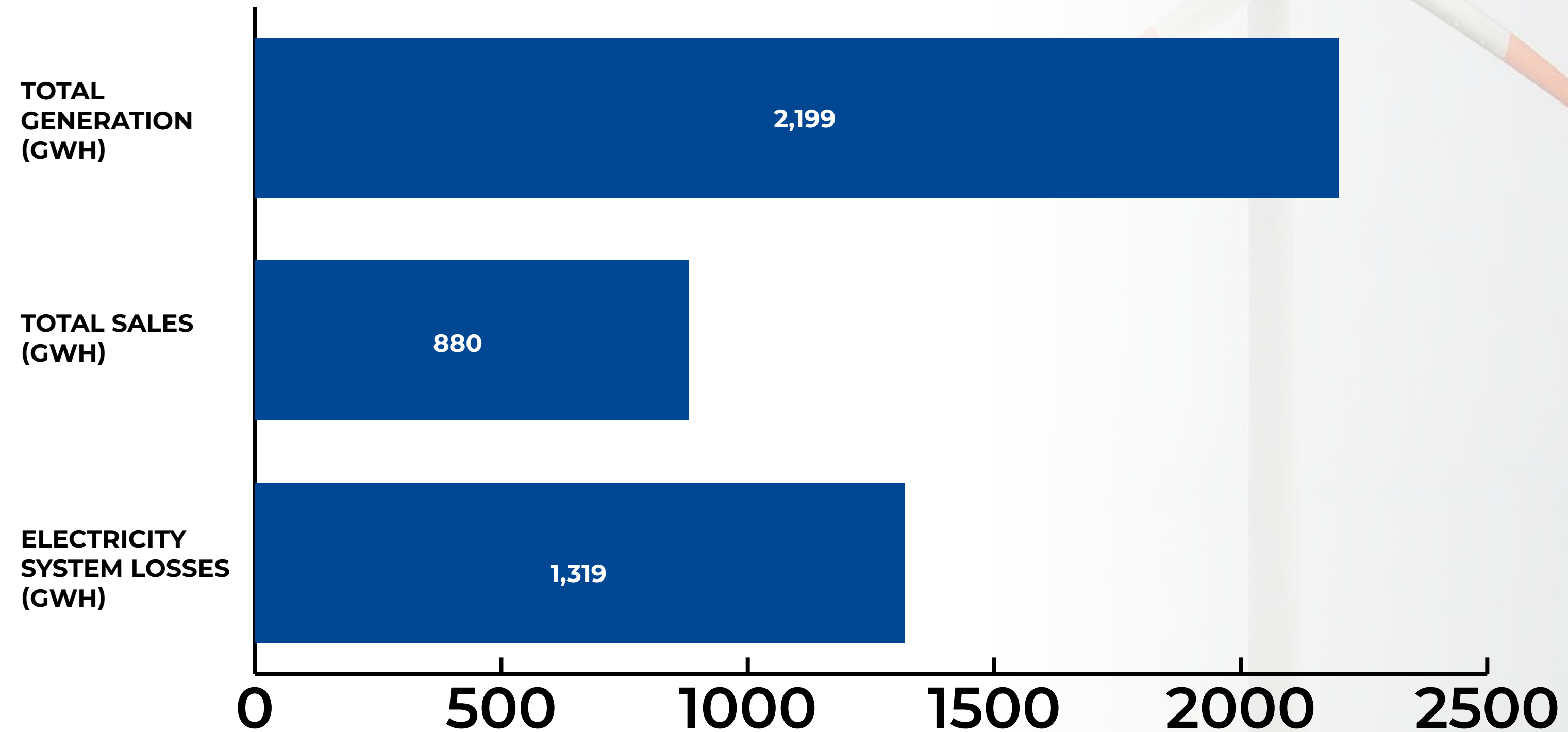
ELECTRICITY GENERATION





ELECTRICITY & ENERGY EFFICIENCY (CONT'D)

ELECTRICITY CONSUMPTION

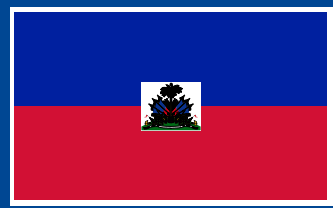




ELECTRICITY & ENERGY EFFICIENCY (CONT'D)

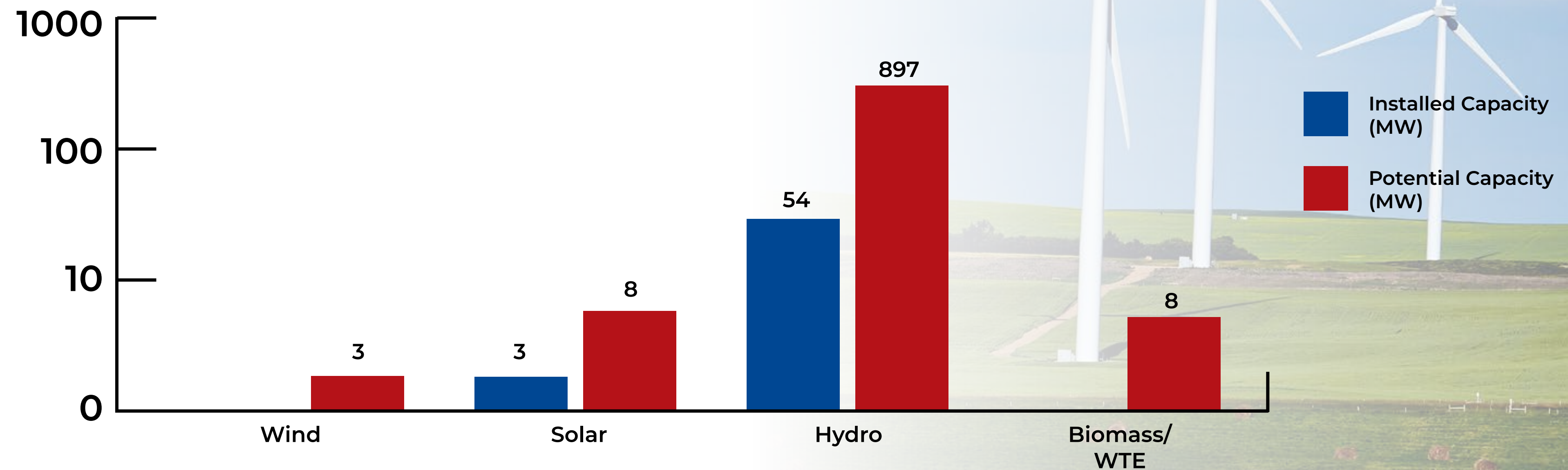
TARRIFS

Class	Energy Charge USD/kWh
Residential Tariff (US\$/kWh)	0.0575
Commercial (US\$/kWh)	0.10
Industrial/Large Power (Us\$/kWh)	0.11
Street Lights (US\$/kWh)	0.12



ELECTRICITY & ENERGY EFFICIENCY (CONT'D)

RENEWABLE RESOURCE CAPACITY





PROJECTS IN THE PIPELINE

Renewable Energy Source	Resource and Projects Capacity (MW)	Development Partner	Total Estimated Cost (Million USD)	Year
Solar Photo-Voltaic	12	ANARSE	22	
	130	Republic of China on Taiwan ¹	65	Republic of China on Taiwan ²

¹As referenced by the Government of Haiti

²As referenced by the Government of Haiti



NUMBER AND TYPE OF TERTIARY LEVEL & VOCATIONAL TRAINING SUSTAINABLE ENERGY PROGRAMMES OFFERED

Name of Education Programme Provider	Types of Programme	Programme Link
	B.Sc	
Quisqueya University	Electrical engineering	https://uniq.edu.ht/fsga/licence-en-genie-electrique/

Note: The Université d'État d'Haïti (State University of Haiti), Faculty of Sciences is in the early stages of setting up a renewable energy program.



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WORKFORCE

Note: There was no breakdown by gender, employment category or training for most of the 2874 persons employed in the workforce.

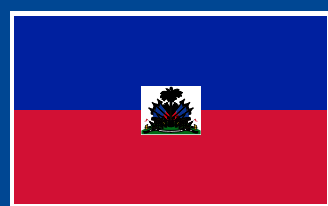


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TRANSPORTATION SECTOR

Note: Data on the transportation sector was not available.



CLIMATE CHANGE FRAMEWORK

Climate Change Policy	None
National Determined Contributions	Unconditional: 5% compared to BAU by 2030 Conditional: 26 % compared to BAU by 2030 [6]
Priority Sectors for NDC	Energy, Agriculture, Forestry and Allocation of land (AFAT), Waste [6]
National Communications (NC) to the UNFCCC	First National Communication (2001) [13]
	Second National Communication (2013) [14]

Greenhouse Gas Source and Sink Categories (Gg)	CO ₂	CH ₄	N ₂ O	CO	NO _x	NM _{VOC}	SO ₂
Energy	1447.66	1.91	0.26	300.97	14.09	30.91	13.58
Industrial Processes	0	0	0	0	0	80.17	0
Agriculture	0	158.86	4.63	13.94	0.53	0	0
Land-Use Change & Forestry	1148.15	0.05	0	0.42	0.01	0	0
Waste	0	6.67	0.16	0	0	0	0
Charcoal Production	0	7.32	0	51.28	0.07	12.45	0
Biomass	5993	0	0	0	0	0	0



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