ENERGY TRANSITIONS INITIATIVE
U.S. Department of Energy

Haiti

Energy Snapshot

Population and Economy

Population Size **11.12 Million**
Total Area Size **27,750 Sq. Kilometers**
Total GDP **$9.66 Billion**

Gross National Income (GNI) per Capita **$1,880**
Share of GDP Spent on Imports **58.5%** Fuel Imports **9.8%**
Urban Population Percentage **57.1%**

Electricity Sector Overview

Installed Capacity **285 MW**

RE Installed Capacity Share **28%**

Peak Demand **500 MW** (estimated)

Total Generation **1.092 TWh**

Transmission and Distribution Losses **60%**

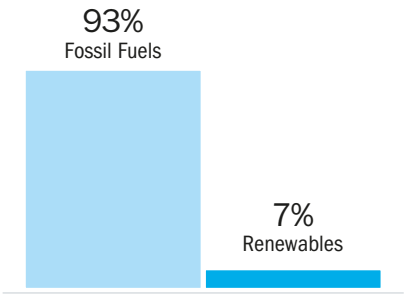
Electricity Access

- Total population **44%**
- Urban population **78%**
- Rural population **3%**

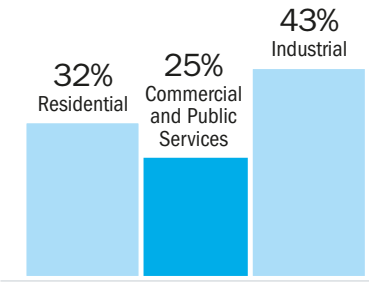
Average Maximum Electricity Rates (USD/kWh) https://www.edh.ht/tarif.php

- Residential **$0.13**
- Commercial **$0.14**
- Industrial **$0.14**
- Street Lighting **$0.14**

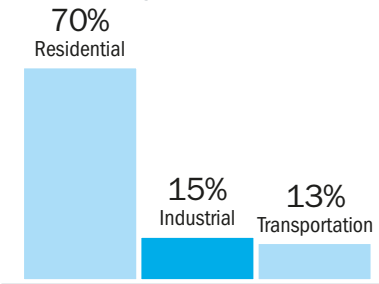
Generation Mix



Electricity Consumption by Sector



Energy Consumption by Sector*



includes heating, cooling, and transportation fuels

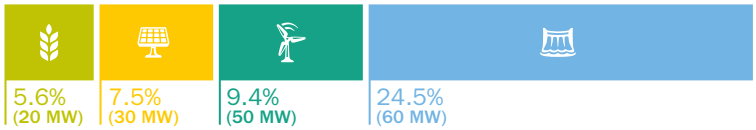
Renewable Energy Status

Hydropower	Solar
78 MW	3 MW

Targets

Renewable Energy Generation *(Nationally Determined Contributions)**

47% by 2030



https://www4.unfccc.int/sites/NDCStaging/Pages/Party.aspx?party=HTI

Haiti has an unconditional target of installing an additional 37.5MW of hydro by 2030.

Wind Hydropower Biomass Solar

Existing Policy and Regulatory Framework

http://www.bme.gouv.ht/energie/Declaration%20de%20politique%20energetique_ebauche9.pdf

Renewable Energy	Feed-in Tariff
	Net Metering and Billing
	Interconnection Standards
	Energy Access (Electrification Rate)
	Renewables Portfolio Standard and Quotas for Set Asides
	Tax Credits
	Tax Reduction or Exemption ●
	Public Loans or Grants ○
	Auctions or Reverse Auctions
	Green Public Procurement
	Energy Storage
Energy Efficiency	Energy Efficiency Standards ●
	Tax Credits
	Tax Reduction or Exemption ●
	Public Demonstration
	Restrictions on Incandescent Bulbs ○
	Appliance Labeling Standards ○
	Minimum Energy Performance Standards ●
	Building Codes ●
	Green Building Certification Program
	EE Loan Programs
	Rebates
Targets	Renewable Energy ●
	Energy Efficiency
	Transportation

● In Place ○ Proposed

Government and Utility

Government Institution for Energy

Ministry of Public Works,Transport and Communications and Energies

http://www.mtptc.gouv.ht

Regulatory Entities

l'Autorité Nationale de Régulation du Secteur de l'Energie (ANARSE)

http://anarse.gouv.ht

Utility(s)

Electricite d'Haiti (EDH) – Government Owned

https://www.edh.ht

Government Institution for Disasters

National Committee for Risk and Disaster Management (SNGRD)

https://www.unhcr.org/en-my/51dc011716.pdf

Energy Security and Resilience

Infrastructure and Protection Plan

Action Plan for National Development and Recovery of Haiti (post earthquake)

https://www.recoveryplatform.org/assets/publication/Action_Plan_12April_haiti.pdf

Global Facility for Disaster Reduction and Recovery

https://www.gfdrr.org/en/haiti

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https://www.energy.gov/eere/island-energy-snapshots

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