

# Honduras renewable energy



**RW-F10.2**

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## Overview

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In 2021, Honduras' energy mix was led by oil, constituting 52.3% of the total energy supply, followed by biofuels and waste at 33.7%. Modern renewables, which exclude traditional biomass practices like burning wood or agricultural residues, accounted for 13.7%, while coal made up just 0.3%. Hydro Currently , 33 percent.

In Honduras, there is an important potential of untapped indigenous resources. Due to the variability of high oil prices and declining renewable infrastructure costs, such resources could be.

Decrees No. 85-98 and 267-98 promote the development of renewable energy-generating plants. The decrees include tax breaks to developers and a secure buyer for energy at prices equivalent to the system's short-term marginal cost. The national integrated utility.

- .
- World Bank: Honduras. Power Sector Issues and Options, 2007. •



## Honduras renewable energy

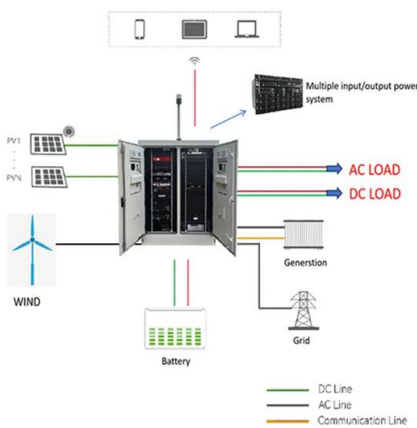


### Honduras

The Honduran government plans to increase renewable energy sources to 80 percent of installed capacity by 2037. Many businesses have installed on-site power generation systems to supplement or substitute for power from ENEE due to frequent blackouts and high tariffs.

### EC5 ENERGY TRANSITION: Promotion for the Rational and ...

SECTION 2: ACTIONS TO ACHIEVE AMBITION 2.1. Please Add at least one key action for each of the elaborate ambitions in Section 1. [Add rows as needed]. 1. Create an Expansion Plan for Energy



### Honduras: primary energy consumption

In 2019, primary energy consumption in Honduras amounted to nearly 11.5 million barrels of oil. Renewable energy consumption in Spain 2009-2023. Renewables and biofuels gross inland consumption.

### Accelerating Climate Action Will Help Honduras Achieve Inclusive ...

Honduras has the potential to reduce poverty, lower inequality, and achieve low-carbon and climate-resilient development while accelerating climate adaptation, leveraging ...



[Financing For Renewable Energy in Honduras](#)

U.S. Companies Interested in Renewable Energy Project June 2010 A number of U.S. investors are interested in a project to generate 50 MW of renewable energy in Honduras. Marco Rodríguez, from Houston-based Minerco Resources Inc, commented that "the

**using renewable energies**

1. Promote the implementation of energy systems from renewable sources to contribute to food security and community development, strengthening resilience to natural climatic events. Time ...



[Climatescope 2023 , Honduras](#)

Honduras has a power score of 1.85, which puts it at rank 70 in the global power ranking, and rank 43 in the emerging markets power ranking. Honduras implements policies in 6/6 power policy categories tracked by Climatescope, including Renewable energy



## Renewable energy in Latin America: Central America

Central America is rich in renewable energy resources and there exists tremendous opportunity to harness this potential. The region has a total installed generation capacity of 12GW. Guatemala and Costa Rica have the largest capacity, with approximately 3GW



### EC11: ENABLE THE SDGs THROUGH FAIR AND INCLUSIVE ENERGY ...

Afro-Honduran People in Renewable Energy Generation Projects SECTION 1: AMBITION 1.1. Ambitions to achieve SDG7 by 2030. [ Please select all that apply] (Member States targets could be based on

## Renewable Energy

Renewable energy sources are growing quickly and will play a vital role in tackling climate change. Share of primary energy that comes from hydropower This interactive chart shows the share of primary energy that comes from hydropower. Note that this data is



### using renewable energies

Honduras has more than two million hectares with the potential to develop agricultural intensification projects. The 31 valleys add up to 780,000 hectares with a lot of potential, but little



## Honduras

In 2014, Honduras approved a new Law of Electrical Industry, which establishes technology-specific auctions for renewable energy. 75% of the population has access to electricity in the country and only 48% can rely on clean cooking facilities.



### Critical materials for renewable energy: Improving data governance

IRENA and NUPI (2024), Critical materials for renewable energy: Improving data governance, International Renewable Energy Agency, Abu Dhabi. This report, one of two produced in conjunction with the Norwegian Institute of International Affairs, reviews initiatives



### Renewable Energy Project Advances Gender Lens Equity in Honduran

In Honduras, USAID seeks to promote renewable energy and environmental conservation as well as strengthen the participation of marginalized groups in local and national governance.



### EC4 ENERGY TRANSITION: Promotion of Renewable Energies

Honduras has been a leading country in the promotion of variable renewable energies, having a great capacity to expand these technologies, a situation that would allow promoting schemes ...





### EC9 ENABLE THE SDGS THROUGH FAIR AND INCLUSIVE ENERGY ...

Increase access to electricity to health facilities in Honduras using energy from renewable sources and the extension of electricity distribution networks. A. Development of a Minimum/low-Cost



### EC7 ENABLING THE SDGS THROUGH JUST AND INCLUSIVE ...

There are unmet energy needs in the Honduran population, mainly in rural areas where 30% of the population does not have access to electricity and 44% of educational centers do not have

### Approved by Mail: Honduras: Strengthening the Renewable Energy ...

Approved by Mail: Honduras: Strengthening the Renewable Energy Policy and Regulatory Framework Program (FOMPIER), Part I (IDB)  
PUBLISHING DATE Oct 29,2012 Country Honduras Program Scaling Up Renewable Energy Program in Low Income SHARE



### ESS



### Honduras: #3xRenewables for climate resilience, energy access ...

Honduras: #3xRenewables for climate resilience, energy access and community empowerment  
View the story Find out more about the campaign IRENA essentials About IRENA Employment ...



## HONDURAN CONGRESS PASSED A LAW CALLING FOR THE ...

RENEWABLE ENERGY TARIFFS AND POTENTIAL NATIONALIZATION OF ENERGY PLANTS passed the New Energy Law Local media reported that on May 12, 2022, the Congress of Honduras approved in record time a legislative initiative by



## EC2 ACCESS TO ENERGY SOURCES: Promotion of Market ...

7.1 By 2030, ensure universal access to affordable, reliable, and modern energy services.  
2. Develop the market and value chain in Honduras of biomass for energy purposes through the

## Executive summary - Renewables 2023 - Analysis

The world is on course to add more renewable capacity in the next five years than has been installed since the first commercial renewable energy power plant was built more than 100 years ago. In the main case forecast in this report, almost 3 700 GW of new renewable capacity comes online over the 2023-2028 period, driven by supportive policies in more than 130 countries.



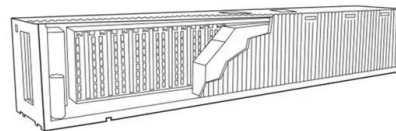
## Renewable Energy and Economic Dispatch Integration Within the Honduras

Honduras, like other Central American countries, is transforming its electricity market due to new market demands and, above all, due to the Country's policies and plans to define the electric dispatch and generation as a strategic key sector. In order to compare the



### Honduras: Promoting development through the wind

The Honduran Association of Renewable Energy Producers highlights that, in addition to low and stable rates contributing to national competitiveness, renewables bring other benefits, such as reducing the fossil fuels bill and providing foreign exchange savings.



### [Renewables Readiness Assessment: Honduras](#)

Table 9 Investments in renewable energy projects in Honduras, 2010-2020 45 Table 10 Renewable power capacity evaluation, 2022-2031 46 Table 11 Multilateral funds financing renewable energy and climate action in Honduras 48 Box 1 IRENA's SolarCity Box 2

### The Transformation of Honduras' Energy Landscape through Wind Energy

Honduras, a Central American nation, is richly endowed with renewable energy resources, particularly wind. The country's topography, characterized by high mountains and vast plains, makes it an ideal location for harnessing wind energy.





[RENEWABLES READINESS ASSESSMENT HONDURAS](#)

Citation: IRENA (2023), Renewables Readiness Assessment: Honduras, International Renewable Energy Agency, Abu Dhabi. ISBN: 978-92-9260-554-4 ABOUT IRENA The International Renewable Energy Agency (IRENA) is an intergovernmental organisation



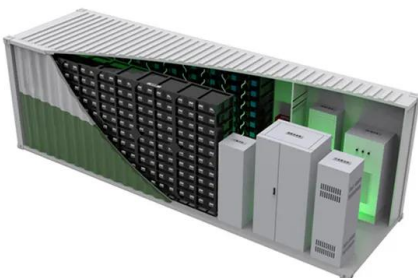
**Honduras to improve renewable energy integration with IDB support**

The Inter-American Development Bank (IDB) has approved an \$18 million loan to help Honduras refit the Francisco Morazán hydroelectric dam and boost the adaptability and integration of renewable energies to the country's power system. The Francisco Morazán



**Implementing Regulations Can Turn Honduras' Renewables ...**

New report finds translating enabling policies into coherent implementation mechanism will attract more investments in renewables, reducing dependency on fossil fuels. ...



**Honduras, moving towards becoming a more resilient ...**

The Honduras Climate and Development Report outlines opportunities for improvement in areas such as natural resource management, implementation of agricultural practices to increase productivity and reduce ...





### Electricity sector in Honduras

The electricity sector in Honduras has been shaped by the dominance of a vertically integrated utility; an incomplete attempt in the early 1990s to reform the sector; the increasing share of thermal generation over the past two decades; the poor financial health of the state utility Empresa Nacional de Energía Eléctrica (ENEE); the high technical and commercial losses in ...



### **Implementing Regulations Can Turn Honduras' Renewables ...**

With abundant renewable energy potential and ambitious target to achieve 80 per cent of renewables share in the power generation by 2038, Honduras is already on the right path to reduce its reliance on fossil fuels. The Renewables Readiness Assessment: Honduras by the International Renewable Energy Agency (IRENA) identifies the need to have current ...



### **Honduras goes full steam ahead with first geothermal renewable energy**

With the launch of 35MW Geotérmica Platanares SA de CV ("Platanares") electric power generation plant Honduras has added geothermal energy to its renewable energy matrix project portfolio

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