

How will the Bahamas reform its energy sector?

The Government of the Bahamas has discussed plans to reform its energy sector through a partial-privatization of BEC and by introducing regulation-by-contract principles to meet the capacity for future growth, implementing more economically viable renewable energy sources, and modernizing the energy sector.

Who owns electricity in the Bahamas?

Majority-owned by Emera Inc. Based on average global generation costs for renewable technologies, electricity rates in the Bahamas offer an opportunity for renewable energy to diversify the fuel portfolio and reduce rate volatility.

What is the energy efficiency initiative in the Bahamas?

With energy-related costs estimated at 15% to 20% of annual operating budgets for small- and medium-sized hotels in the Bahamas, the Bahamian hotel industry launched a significant energy efficiency initiative in 2013 in partnership with the Government of the Bahamas to reduce energy-related costs.

Who supports solar power in the Bahamas?

This goal is supported by the Inter-American Development Bank (IDB) and the Bahamas Development Bank (BDB). Currently, solar power makes up less than 1% of all energy generated in The Bahamas. Oil is responsible for nearly all power generation with a 99% share of electricity production.

Will the Bahamas have a solar water heating system?

In the next decade, the Bahamas aims to have solar water heating systems on 20% to 30% of all households, which has the potential of adding 200 GWh of heat for water per year. According to preliminary assessments, wind and solar resources offer the greatest potential for renewable energy development in the Bahamas.

How much does electricity cost in the Bahamas?

Located north of Cuba, with the Turks and Caicos Islands to the southeast, the Bahamas has an average electricity cost of \$0.32 per kilowatt-hour (kWh), in line with the Caribbean regional average of \$0.33/kWh.

The Caribbean Centre for Renewable Energy and Energy Efficiency (CCREEE) signed an agreement with the Government of The Bahamas on August 22, 2023, to develop an integrated resource and resilience plan (IRRP) that will help improve the country's national energy policy and capitalise on renewable energy sources throughout the island.

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.

The Government's National Energy Policy (NEP) is on track to expand its solar energy capacity to 30% of total energy production by 2033. This goal is supported by the Inter-American Development Bank (IDB) and the Bahamas Development Bank (BDB). Currently, solar power makes up less than 1% of all energy generated in The Bahamas.

The Government of The Bahamas aims to achieve a significant renewable energy penetration by 2030 in order to replace expensive generation from fossil fuels and reduce dependency on fuel imports. According to the National Energy Plan, the target is to achieve 30% of electricity generation from renewable sources of the total generation portfolio.

sustainable electricity throughout The Bahamas<sup>1</sup>. The primary role of URCA is the regulation of the Electricity Sector (ES) in accordance with the goals, policy objectives and principles underpinning the NEP and ESP, of which the incorporation of RE sources in the electricity generation mix in The Bahamas is a key objective.

As a dedicated leader, Minister Coleby-Davis is committed to advancing sustainable energy policies and modernizing transportation infrastructure across the Bahamas. Explore her ...

The government of The Bahamas signed a contract agreement with the Caribbean Centre for Renewable Energy and Energy Efficiency (CCREEE) that will reaffirm its BluePrint for Change goal of "a minimum reliance on renewable energy of 30 percent by 2030."

As a dedicated leader, Minister Coleby-Davis is committed to advancing sustainable energy policies and modernizing transportation infrastructure across the Bahamas. Explore her initiatives focused on renewable energy, regulatory oversight, and environmental stewardship, all aimed at fostering a greener, more connected future for the nation.

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With a vision of a sustainable and resilient energy future, The Bahamas is initiating transformative renewable energy projects in New Providence. These projects will harness solar power with capacities reaching up to 20MW, leveraging the island's renewable resources to meet its growing energy needs.

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