

Panama's renewable energy sector currently depends heavily on hydropower, and the National Energy Plan 2015-2050 aims to diversify Panama's energy matrix to avoid dependence. Government initiatives call for increased reliance on wind and solar energy, and replacement of imported petroleum with biofuels. [4]

Renewable energy here is the sum of hydropower, wind, solar, geothermal, modern biomass and wave and tidal energy. Traditional biomass - the burning of charcoal, crop waste, and other organic matter - is not included. This can be ...

Panama will also increase its use of renewable energy over coming decades... Currently, less than 10% of the private sector's energy comes from wind and solar and about 70% from hydro. The goal is to get 95% of Panama's energy supply from renewable sources by 2050.

Panama's National Energy Plan 2015-2050 suggests that 70% of the country's energy supply could be renewable after 35 years. The plan was adopted as a long-term roadmap to diversify the energy sector and advance energy access, energy efficiency, energy security and overall decarbonisation of the energy system.

Renewables are mainly used to generate electricity, though renewable technologies can also be used for heating in homes and buildings. Renewable biofuels are also an emerging technology solution to decarbonise parts of the transport sector.

established in 2011, IRENA promotes the widespread adoption and sustainable use of all forms of renewable energy, including bioenergy and geothermal, hydropower, ocean, solar and wind energy, in the pursuit of sustainable development, energy access, energy security, and low-carbon economic growth and prosperity.  
Acknowledgements

This Renewables Readiness Assessment (RRA), undertaken by the International Renewable Energy Agency (IRENA) in close co-operation with the Government of Panama, examines the energy sector holistically. The study identifies key actions to expand renewable energy development in the short to medium-term.  
FOREWORD from the IRENA Director-General

Sustainable Energy for All (SEforALL) is delighted to announce that the Republic of Panama, National Secretariat of Energy has officially joined the 24/7 Carbon-Free Energy (CFE) Compact, marking its commitment towards the global fight against climate change and the transition to a clean energy future.

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# Renewable energy for home use Panama

Renewable energy here is the sum of hydropower, wind, solar, geothermal, modern biomass and wave and tidal energy. Traditional biomass - the burning of charcoal, crop waste, and other organic matter - is not included. This can be an important energy source in lower-income settings.

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