



# Renua energy Honduras

What does Renua Energy do?

Renua Energy is a leader in NY's solar project development field. We offer a suite of professional services that are key to the efficient and profitable deployment of community-scale solar projects. Renua Energy also aims to build additional skills and relationships to remain resilient.

What is Honduras' energy mix?

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%.

What type of energy is used in Honduras?

Solar photovoltaic (PV) energy followed at 18.9%, with wind power at 12.9%, and geothermal energy at 5.8%. Due to the diversity of the Honduran landscape, the potential for wind development varies considerably. A 100 MW wind project was built in 2012.

How many hydro power plants are there in Honduras?

There has been an intensive use of small- and medium-scale hydro energy, with 14 out of 16 existing hydro plants with capacity below 30 MW. Two large plants ( El Cajón Dam (Honduras) and Rio Lindo) account, however, for more than 70% of the total capacity. In Honduras, there is a large potential for electricity generation based on hydropower.

Can Honduras generate electricity based on hydropower?

In Honduras, there is a large potential for electricity generation based on hydropower. In 2003 then President Ricardo Maduro put in place a Special Commission for the Development of Hydroelectric Projects. There are 16 new hydro projects that are expected to be commissioned before 2011, with an overall capacity of 206.5 MW.

Does Honduras have solar power?

Honduras has a large potential for solar photovoltaic generation. In fact, it is a practical solution for servicing energy-isolated rural communities. In 2007, there were about 5,000 individual Solar Home Systems, with an average size between 30 Wp and 50 Wp, which makes up for a total capacity of approximately 15 to 25 kW of power.

Renua Energy was founded by David Byrne to provide professional photovoltaic project development services ranging from feasibility and start-up through to full design & engineering capabilities. In 2021, Renua added a full line of electric vehicle charging station capabilities ranging from host site evaluation through to installation and station commissioning.

The Renewables Readiness Assessment: Honduras by the International Renewable Energy Agency (IRENA) identifies the need to have current energy laws enforced with regulations and implementation mechanism to accelerate the country's energy transition.

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OverviewEnergy sourcesLegal and policy frameworkSee alsoSources 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%. Currently, 33 percent (502 MW) of the installed capacity of the national interc...

Honduras is on a mission to transform its energy landscape with a strong focus on renewables. In a bid to achieve an impressive 80% share of renewables in its power generation by 2038, the nation is taking bold steps ...

developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy supply. Energy trade includes all commodities in Chapter 27 of the Harmonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end capacity x 8,760h/year. Avoided

Renua's projects fall into two general categories: solar project development services & electric vehicle service equipment. Solar Projects Completed Projects ... Key: preliminary layout (L), energy modeling (M), site planning and ...

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Electric Vehicle Charging Stations for Offices, Small Businesses & Multi-Unit Residential Real Estate. Renua Energy helps qualified businesses and property owners increase revenue and value by installing electric vehicle (EV) charging ...

Honduras is on a mission to transform its energy landscape with a strong focus on renewables. In a bid to achieve an impressive 80% share of renewables in its power generation by 2038, the nation is taking bold steps towards reducing its reliance on fossil fuels .

This Renewables Readiness Assessment (RRA), developed in co-operation with the Honduran Energy Secretariat (SEN), identifies key barriers and solutions to meet Honduras' targets for renewable energy development and expansion.

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