

What is the National Energy Plan of Guatemala?

The National Energy Plan of Guatemala defines the promotion of renewables as a priority. The plan aims to promote the use of clean and environmentally friendly energy for domestic consumption without losing sight of energy security and the need for supply

What is Guatemala's energy source?

This page is part of Global Energy Monitor 's Latin America Energy Portal. In 2018,Guatemala derived 57.43% of its total energy supply from biofuelsand waste,followed by oil (29.54%),coal (7.68%),hydro (3.22%),and other renewables such as wind and solar (2.12%).

What is the future of energy in Guatemala?

Competition with the possibility of developing cheaper energy sources,such as: hydropower &natural gas. The Guatemalan government has a plan of using geothermal power to supply for two thirds of the country's energy needs by 2022. Thus reducing oil imports and stabilizing the country's energy supply .

What is energy security in Guatemala?

Within that context,energy security is to be defined with accordance to to the electricity supply,taking into account needs and objectives of the country's energy policy . The key aspects of the energy security perspective in Guatemala are: adequacy,resilience and sovereignty.

How much electricity does Guatemala have?

As of 2020,Guatemala had 4110 MWof installed electrical capacity,based primarily on hydro power (38.38%),fossil fuels (30.36%),and biomass (25.20%). Other renewable sources represented a much smaller percentage of capacity,including wind (2.61%),solar (2.25%) and geothermal energy (1.20%).

Can geothermal power be used in Guatemala?

The Guatemalan government has a plan of using geothermal power to supply for two thirds of the country's energy needs by 2022 . Thus reducing oil imports and stabilizing the country's energy supply . Crude oil production in Guatemala has high potential, with estimations suggesting the possibility of reaching 50000 barrels/day .

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