



# What is the wind power generation of Costa Rican communication base stations like

When is wind power used in Costa Rica?

Wind Power is primarily used in Costa Rica during the months of December to March, or the dry season. During this period, there is a general decreased rainfall in the nation and hydropower output decreases.

Where does Costa Rica's energy come from?

Most of Costa Rica's energy comes from renewable sources. More than 99 percent of the energy in Costa Rica was generated from renewable sources in 2019. According to the country's National Center for Energy Control, Costa Rica has been running on more than 98 percent renewable energy since 2014.

How much wind energy does Costa Rica have?

Costa Rica finished 2015 with an additional 59 MW of power generation in wind energy, after the inauguration of the Orosi plant (50 MW) in October and "Vientos del Oeste" project (9 MW).

Does Costa Rica need a strong energy infrastructure?

As a smaller nation with a population of only 5 million and no major industry, the need for strong energy infrastructure is less than for larger countries of higher population density. While Costa Rica's largest source of energy is hydroelectricity, other sources include geothermal energy, biomass, solar power, and wind power.

How much energy does Costa Rica use?

Renewable energy in Costa Rica supplied about 98.1% of the electrical energy output for the entire nation and imported 807,000 MWh of electricity (covering 8% of its annual consumption needs) in 2016. Fossil fuel energy consumption (% of total energy) in Costa Rica was 49.48 as of 2014, with demand for oil increasing in recent years.

How many wind farms are there in Costa Rica?

Currently, there are nine large wind farms operating in Costa Rica. The Tejona Wind Power Project (TWPP) is a 19.8 MW project, fully operational since 2003, that consists of thirty wind turbines. Most recently, Tila Wind, an even larger 20-MW farm, opened in 2015.

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