



Equatorial guinea photovoltaic pv systems

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Gain comprehensive insights into the statistics and metrics surrounding the solar production industry in Equatorial Guinea

Sunshine DurationIn Equatorial Guinea, the average daily sunshine is approximately 3.29 hours, resulting in about 1200 sunshine hours per year. 1

Direct Normal IrradiationThe average Direct Normal Irradiation (DNI) across Equatorial Guinea, is approximately 2.6 kWh/m² per day. 2

Global Horizontal IrradiationThe average Global Horizontal Irradiation (GHI) across Equatorial Guinea, is approximately 4.6 kWh/m² per day. 2

In 2022, the average electricity price for the commercial or industrial sector was 0.2073 USD/kWh. and residential sectors were 0.04401 USD/kWh. 3

In Equatorial Guinea, 66.79% of the population had access to electricity in 2022. 4

Equatorial Guinea can produce as much as 3,000 megawatts (MW) of solar energy. 6

The levelized cost of electricity found during the research period of (2013-2017) is as follows: 7

Equatorial Guinea has a production capacity of 349 MW of electricity 127MW from renewable sources and 222 MW from Non-Renewable Sources. 8

Energy produced by gas is 0.98 TWh (66.67%), hydropower is 0.48 TWh(32.65%) and oil is 0.01 TWh(0.68%). 9

Projected Renewable Energy:

Currently, one solar farm is operating in Equatorial Guinea. 5

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