

Nicaragua electricity



Article Overview

Nicaragua's electricity system relies heavily on oil and thermal sources, with growing contributions from hydro, geothermal, and bagasse, while access to electricity remains limited compared to the region.

Overview of the Electricity Sector

Nicaragua has the second-lowest electricity generation in Central America, ahead only of Belize, and the lowest percentage of population with access to electricity in the region . The country's electricity system is primarily organized around the National Interconnected System (SIN), which covers over 90% of the population, mainly in the Pacific, Central, and Northern zones. Smaller, isolated systems serve the remaining regions . The Central American Electrical Interconnection System (SIEPAC) aims to integrate Nicaragua's grid with neighboring countries, improving reliability and reducing costs .

Generation Capacity and Energy Mix

As of 2022, Nicaragua had an installed generating capacity of 1,849 MW, producing 3,140 GWh annually. The electricity generation mix is dominated by thermal sources (69%), followed by bagasse thermal plants (10%), hydroelectricity (10%), and geothermal energy (10%), with the remaining 1% from isolated systems . Despite nominal capacity increases since 2001, effective capacity growth has been limited due to aging thermal plants that require refurbishment or replacement . Approximately 36% of electricity production still depends on oil, making Nicaragua highly reliant on fossil fuels compared to other Central American countries .

Renewable Energy Developments

Article Content

Nicaragua Electricity Production

Electricity Production in Nicaragua decreased to 436.80 Gigawatt-hour in April from 441.40 Gigawatt-hour in March of 2026. This

ENERGY PROFILE Nicaragua

Additional notes: Capacity per capita and public investments SDGs only apply to developing areas. Energy self-sufficiency has been

Nicaragua | Electricity Maps

Track real-time and historical electricity data worldwide — see production mix, CO2 emissions, prices, cross-border

Plugs, outlets and electricity used in Nicaragua

Travelling to Nicaragua? Plugs, electricity and outlets used in Nicaragua: if you select your country of origin, we can also provide you

Nicaragua Electricity Access | Historical Chart & Data

Access to electricity is the percentage of population with access to electricity. Electrification data are collected from industry, national

MAPA INTERACTIVO

Al mes de marzo del 2026 el Sistema Nacional de Transmisión (SNT), consta de 3,790 Kilómetros de líneas de transmisión eléctrica

Empresa Nicaragüense de Electricidad

ENEL celebra concurso de poesía y dibujo en homenaje al 46/19 En este Julio para nacer y renacer, en

Nicaragua Voltage and Power Plug Guide

Complete guide to Nicaragua power plug standards. Find voltage and frequency information for Nicaragua, plus the plug types used

Nicaragua electrical outlets & plugs

Do I need a power plug adapter or power converter for Nicaragua? All you need to know about electrical outlets, plug types and

Nicaragua Electricity | Measured World

Nicaragua had the 133rd highest net electricity generation (4.52 billion kWh) among 210 countries in 2024. Track electricity installed

Empresa Nicaragüense de Electricidad

Empresa nicaragüense de electricidad que tiene como finalidad la generación de energía

Nicaragua

Nicaragua - power plug and socket In Nicaragua, electrical sockets and plugs are type A or B. Type A has two flat parallel pins and

Energy profile: Nicaragua

As of 2020, renewables - including wind, solar, biofuels, geothermal, and hydro power - comprise roughly 77% of Nicaragua's total

Nicaragua Energy Statistics (2024)

What to know Electricity generation was 4.5 billion kWh a year. Renewables made up 62% of electricity generation,

Nicaragua

How much electricity does Nicaragua generate each year? Like total energy, the amount of electricity a country generates in total is

Nicaragua electricity prices

The residential electricity price in Nicaragua is NIO 0.000 per kWh or USD . These retail prices were collected in December 2025 and

Nicaragua

Nicaragua - Electricity generation Subscribe to our free email alert service < New Zealand - Electricity generation Niger - Electricity

Nicaragua's progress and contributions to electricity generation with ...

Discover how Nicaragua is achieving its goals in electricity generation from renewable sources in 2023, consolidating its position as a

Home | Electricity Maps

Your central hub for global electricity data. Access the interactive map, API playground, and datasets to explore real-time carbon

Electricity generation in Nicaragua 2022| Statista

Nicaragua's electricity generation amounted to approximately *** terawatt-hours in 2022, a decrease compared to the previous year.

Nicaragua

Statistics on the electricity network in Nicaragua from OpenStreetMap.

Nicaragua NI: Residential Electricity Price: USD per kWh

Nicaragua NI: Residential Electricity Price: USD per kWh data was reported at 0.240 USD/kWh in Dec 2023. This records a

Nicaragua Electricity Generation Mix 2023

In 2023, Nicaragua's electricity consumption illustrates a promising shift towards low-carbon energy sources. More than half of the

Renewable Energy Experiences in Nicaragua to Generate Electricity

In 2008, electricity generated in Nicaragua from fuel oil was 68 percent while renewable energy was responsible for only 32 percent.

Nicaragua

In Nicaragua, how much electricity is generated per person? Electricity is often the most "visible" form of energy that we rely on day-to

Nicaragua

Check your need for a power plug (travel) adapter in Nicaragua. The power sockets in Nicaragua are of type A and B. The standard

Nicaragua

Nicaragua Countries & regions Central & South America Nicaragua Overview Energy mix Emissions Electricity Efficiency & demand

Sector eléctrico en Nicaragua

La exitosa reforma al sector eléctrico de Nicaragua, llevada a cabo a finales de la década del 2000, redujo en gran medida la

Nicaragua

Unlike other energy commodities such as coal, oil and natural gas, electricity trade between countries is relatively limited as it is

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://jrsekwele.co.za>

Email: info@jrsekwele.co.za

Phone: +31-20-794-2536

Address: Herengracht 47, 1015 BB Amsterdam, Netherlands

This document is for informational purposes only. Specifications subject to change without notice.

