

# Analyzing Geothermal Power in Nicaragua

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## Abstracts

Geothermal power in Nicaragua is being explored as a potential option for the country's power needs in the future. Nicaragua has the greatest geothermal potential in Central America - with more than 1000 MW. Medium and high temperature resources are associated with volcanoes in the Nicaraguan Depression, which parallels the Pacific Coast. A geothermal master plan for Nicaragua was completed in November 2001. It assessed the geothermal resource potential of identified fields and prospects in the country and stated that Nicaragua had nearly 5,500 MW of geothermal reserves. Many of these economically viable project sites have the potential of more than 100 MW, but to be implemented, such plants must attract foreign investors. Concessions are currently in place for geothermal exploration and exploitation for Momotombo, San Jacinto-Tizate, and Casita-San Cristobal. Apart from these, the three most promising geothermal prospects are El Hoyo-Monte Galan, Managua-Chiltepe, and Masaya-Granada-Nandaime.

The biggest players in the industry are Ormat Motombo Power Company and Polaris Energy Nicaragua SA (Ram Power's Corporation subsidiary). There are many geothermal plants currently under construction and in the planning phase.

The Government of Nicaragua has set the goal of reducing the country's dependence on hydrocarbons to 4% of the energy generation matrix and is therefore prioritizing the granting of concessions to generate energy from renewable sources.

Aruvians Rsearch analyzes the Geothermal Power in Nicaragua in its latest research offering Analyzing Geothermal Power in Nicaragua.

The report is a comprehensive coverage of the geothermal industry in the region as well as in Nicaragua.

The report begins with an introduction to geothermal power. We analyze the utilization of geothermal energy, the grading of geothermal resources, technologies used in geothermal power generation, emerging technologies, amongst others.

We analyze the global geothermal power market before the analysis of the geothermal market in Nicaragua and in North & South America. We first analyze the global geothermal power industry through power generated from geothermal resources worldwide and global geothermal power installed capacity. We further look at the factors impacting the global geothermal power industry such as growth drivers and challenges facing the global geothermal industry.

Geothermal power in North & South America is analyzed through power generated from geothermal resources, installed capacity of geothermal power, regional segmentation of the industry and the major industry deals that have taken place in recent years.

For the geothermal industry in Nicaragua, we analyze the power generated from geothermal resources, geothermal power installed capacity, industry segmentation by renewable energy technologies, regulatory frameworks governing the market in Nicaragua, and major industry projects, both existing and upcoming.

Major global industry players are analyzed through a corporate profile, an analysis of their major business segments, the presence of these companies in the geothermal market, and a SWOT analysis.

Aruvians Rsearch's report Analyzing Geothermal Power in Nicaragua is a complete guide to this rapidly growing industry.

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