

Analyzing Geothermal Power in Guatemala

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Abstracts

Guatemala has been exploring geothermal power as a source of energy for some years now. The energy capacity for geothermal power generation is expected to increase exponentially by the year 2022 in Guatemala. The production capacity of energy with geothermal resources is expected to be around 1000 MW. The steam rising from the Pacaya volcano and the hills and rivers surrounding it on the outskirts of Guatemala's capital city hints at a power source that could give the country the energy security it requires.

Geothermal steam and water in Guatemala is being tapped by the global alternative energy company Ormat, converted into electricity, and fed into the city's main power grid. There are currently only two geothermal power plants in Guatemala, both owned by Ormat, but the government says there are many more opportunities for exploiting geothermal energy in the future. It hopes to use this power source to meet up to two-thirds of the country's annual energy demands by 2022.

Guatemala wants to wean itself off the \$2 billion it spends on oil imports every year. Accordingly, the Guatemala government is offering tax breaks on equipment brought in to build geothermal plants. The government in Guatemala is actively promoting renewable energy generation projects and has introduced policies to attract foreign investments in the sector.

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

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

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 Guatemala 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 Guatemala, we analyze the power generated from geothermal resources, geothermal power installed capacity, industry segmentation by renewable energy technologies, regulatory frameworks governing the market in Guatemala, 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 Guatemala* is a complete guide to this rapidly growing industry.

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