

# Construction of power base station in San Salvador



## Overview

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This 355 MW project will be the first natural gas-fired power plant in Central America, with an investment of up to US\$1 billion, a 20-year power supply contract, currently under construction. El Salvador is the largest producer of geothermal energy in Central America. Except for hydroelectric generation, which is almost totally owned and operated by the public company CEL (Comisión Hidroeléctrica del Río Lempa), the rest of the generation capacity is in private hands. [com/DGEHMSV/status/1927560053948616812](https://www.dgehmsv.com/DGEHMSV/status/1927560053948616812) The Government of El Salvador, with technical support from the. An IAEA team of experts visited the candidate sites of El Salvador's first nuclear power plant during a Site and External Events Design Review Service mission. (Photo: CEL) An International Atomic Energy Agency (IAEA) team of experts has concluded a six-day safety review of El Salvador's site. El Salvador and the US-based Thorium Energy Alliance have signed a memorandum of understanding to develop a “comprehensive and strategic plan” to deploy thorium-powered reactors in the Central American country. The map below shows the approximate locations of the geothermal power plant units:. The energy sector in El Salvador has grown significantly in recent years, positioning the country as a regional leader in the transition to cleaner and more sustainable renewable energy sources, and sustainable energy sources.

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### San Vicente geothermal power plant

San Vicente geothermal power plant (Central geotérmica San Vicente) is a geothermal power plant under construction in San Vicente, El Salvador.

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### 3 February Hydroelectric Dam

In 1998, the Salvadoran government initiated surveys to construct the dam and hydroelectric power plant. Construction began in 2008, and the Italian company Astaldi was contracted to build the dam.

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### Electricity sector in El Salvador

El Salvador is also one of the countries included in the SIEPAC project, which will integrate the electricity network of the country with the rest of the Central American region.

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### El Salvador Studies Where to Build Its Nuclear Plant

Staff from CEL El Salvador and experts sent by the IAEA - International Atomic Energy Agency conducted on-site visits to assess potential locations for the nuclear power plant.

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### IAEA Concludes Safety Review of Nuclear Power Plant Site Selection

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International experts from Japan, the United Kingdom, the United States, and IAEA headquarters evaluated the site selection report, the data collection process, and visited potential ...

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### Energy Sector Guide 2023

The project involves the design, supply, construction, assembly, testing, commissioning, operation, and sale of energy through a 10 MW geothermal power plant in the San Vicente geothermal field under ...

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### El Salvador / Central American Country Signs MOU For Thorium ...

El Salvador and the US-based Thorium Energy Alliance have signed a memorandum of understanding to



develop a "comprehensive and strategic plan" to deploy thorium-powered reactors ...

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## IAEA Team Concludes Site and External Events Design Review for EI

An International Atomic Energy Agency (IAEA) team of experts has concluded a six-day safety review of El Salvador's site selection process for its first nuclear power plant (NPP).

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