

## Kongres Container

# El Salvador Electricity Company Energy Storage



## Overview

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What is El Salvador's energy sector like?

El Salvador 's energy sector is largely focused on renewables. 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.

How does electricity work in El Salvador?

From there, the gas powers 19 internal combustion engines and waste heat feeds one steam turbine. Two 230-kV electric transmission lines, one of which connects to the Central American Electrical Interconnection System, provides added grid reliability to the region and opens further opportunities for renewable energy in El Salvador.

How can El Salvador boost low-carbon electricity generation?

To boost low-carbon electricity generation further, El Salvador can significantly benefit from expanding its solar energy infrastructure, which is already playing a vital role in the electrical landscape.

Why should El Salvador invest in solar energy?

By capitalizing on its geographical advantages for solar energy, El Salvador can increase its clean electricity supply, aligning with environmental goals and global energy trends.

What is El Salvador's electricity mix?

Sweden Philippines El Salvador's electricity mix includes 32% Hydropower,

23% Geothermal and 15% Solar. Low-carbon generation peaked in 2022.

How many generation companies are there in El Salvador?

In 2006, there were 11 generation companies in El Salvador, with 18 out of 22 generation plants in private hands and 97% of hydroelectric capacity owned by the public company CEL (Comisión Hidroeléctrica del Río Lempa).

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