

## **PDEOZE PowerContainer**

# **El Salvador desert builds communication base station wind power**



## Overview

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The 2007 National Energy Policy supports the diversification and increase of energy sources, mainly through renewable energy such as hydroelectricity, geothermal, solar, wind power and biofuels (as well as mineral coal and natural gas). Besides hydroelectricity and geothermal energy, the government foresees the addition of 50 MW of renewable generation in the next 10 years in the for.

What are the upcoming projects in El Salvador?

The upcoming projects in El Salvador include the construction of a Biogas Power Generation Plant on the Acelhuate River in San Salvador, the commissioning of a photovoltaic plant at the 15 de Septiembre Hydroelectric Plant, and the establishment of a wind park in Metapán, Santa Ana.

How many CDM projects are there in El Salvador?

Currently (November 2007), there are three registered CDM projects in the electricity sector in El Salvador, with overall estimated emission reductions of 385,553 tCO<sub>2</sub>e per year. One of the projects is a landfill gas project, another one a bagasse cogeneration project and the third one a geothermal plant project.

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.

Is there a solar map of El Salvador?

A solar map of the country is also under development. Currently, there are two geothermal facilities in operation in El Salvador, the 95 MW Ahuachapan, and the 66 MW Berlin plant. Majority state-owned power company LaGeo, formerly Gesal, operates the two plants.

How many geothermal plants are there in El Salvador?

Currently, there are two geothermal facilities in operation in El Salvador, the 95 MW Ahuachapan, and the 66 MW Berlin plant. Majority state-owned power company LaGeo, formerly Gesal, operates the two plants. LaGeo is currently expanding the two existing geothermal plants, as well as conducting a feasibility study for a third plant, Cuyanausul.

Why should El Salvador join the SIEPAC project?

This would also reduce the dependence on traditional thermal sources and, with that, the vulnerability to high oil prices that the country started to face in 2005. 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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Overview  
Renewable energy resources  
Electricity supply and demand  
Access to electricity  
Service quality  
Responsibilities in the electricity sector  
History of the electricity sector  
Tariffs and subsidies

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Expanding renewable energy in El Salvador offers numerous environmental and economic benefits. By reducing reliance on fossil fuels, the country will substantially decrease ...

This report summarises IRENA analysis to identify favourable zones in El Salvador for utility-scale solar PV and onshore wind projects, and their associated techno-economic parameters.

Search all the latest and upcoming wind farm projects, bids, RFPs, ICBs, tenders, government contracts, and awards in El Salvador with our comprehensive online database.

As countries around the world shift towards renewable energy sources, El Salvador is gradually increasing its solar and wind energy capacity. While the progress is ...

Learn more about how we provide private-sector solutions in the region . IDB Invest conducts an environmental and social due diligence (ESDD) commensurate with the ...

Tracia Network Corporation has successfully commissioned the Ventus Wind Project, El Salvador's first wind farm, with the support of ArcVera Renewables' technically advanced services applied from prospecting ...

This study finds that a significant portion of El Salvador's land area is highly suitable for solar PV and onshore wind development. However, the most promising zones to prioritise in the ...

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Besides hydroelectricity and geothermal energy, the government foresees the addition of 50 MW of renewable generation in the next 10 years in the form of wind power, solar power, biomass ...

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El Salvador Wind Electric Power Generation Market is expected to grow during 2025-2031

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