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## **Renergy power El Salvador**

This fact sheet, produced by the USAID Regional Clean Energy Initiative, provides an overview of the power sector in El Salvador as well as information on how USAID is supporting the development of El Salvador's energy sector, particularly through clean energy and energy efficiency projects.

Javier González, ASI's energy manager, emphasized El Salvador's remarkable achievement of covering over 70% of its energy demand with renewables, placing it among the top 20 countries globally. He underscored the country's diversified energy matrix--40% hydroelectric, 30% geothermal, with additional contributions from other renewables ...

By 2019, renewable energy "had reached 64.3% of the country"s total installed capacity of 2.2 gigawatts (GW)." Renewable sources in El Salvador consist of solar power, hydropower and geothermal power. In El Salvador, oil generates only 32.36% of electricity.

Towards sustainable energy, El Salvador is set to embrace a future dominated by renewable projects, contributing to the region's ambitious target of 95% renewable energy by 2024. According to the Latin American Energy Organization (Olade), this surge in green energy initiatives will revolutionize the energy landscape of the country.

EDP is a transformative investment in El Salvador's clean energy future. The project is delivering approximately 30% of the country's energy demand with clean power and has modified the Salvadoran energy matrix by incorporating natural gas for generation and other uses, reducing the country's reliance on diesel and heavy fuel oil-fired ...

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By shifting a significant amount of power supply to natural gas, EDP reduces El Salvador's reliance on diesel and heavy fuel oil-fired power generation, offsetting 600,000 tons of CO2 emissions per year, and provides grid support to facilitate more renewable energy penetration, further diversifying the country's energy mix, Invenergy said.

This Renewables Readiness Assessment (RRA) highlights key actions for the short and medium-term that could create more conductive conditions for renewable energy development. It aims to help unlock El Salvador's renewable energy potential, first of all in the power sector but also for transport, agri-food and industrial end uses.

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El Salvador is the country with the highest geothermal energy production in Central America. Total installed capacity in 2006 was 1,312 MW, of which 52% was thermal, 36% hydroelectric and 12% geothermal. The largest share of generation capacity (65%) was in private hands.

The main renewable resources used in El Salvador for electricity generation are geothermal and hydropower. While variable renewable power is growing considerably, there is much more potential for these resources, either for

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