

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 (Comisi3n Hidroel3ctrica del R3o Lempa), the rest of the generation capacity is in private hands.

How much electricity does El Salvador produce a year?

Gross electricity generation in 2006 was 5,195 GWh, of which 40% came from traditional thermal sources, 38% from hydroelectricity, 20% from geothermal sources, and 2% from biomass. In 2006, total electricity sold in El Salvador was 4,794 GWh, which corresponds to 702kWh annual per capita consumption.

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 transmission companies are there in El Salvador?

In El Salvador, one government-owned company, Etesal (Empresa Transmisora de El Salvador), which was constituted in 1999 after the restructuring of CEL (Comisi3n Ejecutiva Hidroel3ctrica del R3o Lempa), is responsible for the maintenance and expansion of the transmission system. In El Salvador, there are five distribution companies.

How many hydroelectric plants are there in El Salvador?

The public company CEL (Comisi3n Hidroel3ctrica del R3o Lempa) owns and operates 97% of the capacity. The four hydroelectric plants in El Salvador are: 5 de Noviembre (81.4 MW), Guajoyo (15MW), Cerr3n Grande (135 MW), and 15 de Septiembre (156.3 MW), all of them on the Lempa River.

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 (Comisi3n Hidroel3ctrica del R3o Lempa).



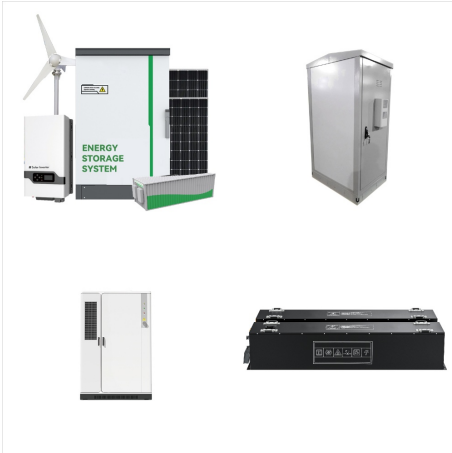
Recently, AES El Salvador was granted by the Australian company NOJA Power and its local representative REIMSA, for being a pioneer in building and operating the first 100% smart grid in Central America. This ???



This integrated solar-plus-storage project is not only about the decarbonization and resilience of the electricity grid, but also strengthening the resilience of local communities by boosting the ???



AES El Salvador has announced plans to invest more than \$41 million in 2024 to enhance and expand its electrical distribution network. This ambitious initiative aims to modernize the country's electrical infrastructure, improve service reliability, and accommodate growing demand.



To meet the growing demand for electricity in one of the most densely populated areas of the country, AES CAESS has invested more than US \$1 million in a power grid interconnection project. This initiative aims to ensure the security and continuity of energy supply to more than seven thousand customers in San Salvador.



The solar PV plus storage facility, Capella Solar, has been officially opened providing electricity and power reserve to El Salvador's grid. The Capella Solar operation located in the Usulut n department in El Salvador's southeast ??? about 100km to the southeast of the capital San Salvador ??? is noteworthy for several reasons.



National Grid owns more than 300 large substations, where 275kV and 400kV overhead power lines or underground cables are switched and where electricity is transformed for distribution to surrounding areas. Smaller ???



El Salvador unveiled a US\$236 million investment plan to upgrade its electrical grid. The Salvadoran State-run energy company, AES El Salvador, will commit US\$41 million in 2024 alone to improve and expand the national power grid. One of the main improvements will be to send power lines underground.



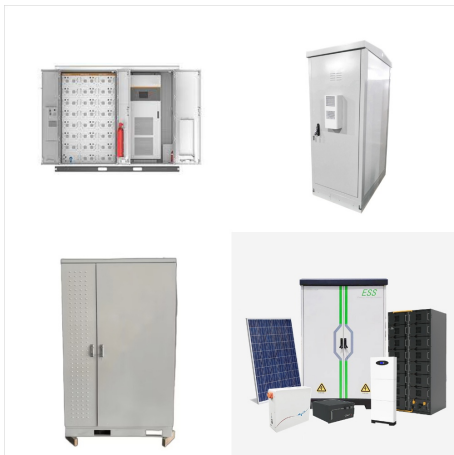
Recently, AES El Salvador was granted by the Australian company NOJA Power and its local representative REIMSA, for being a pioneer in building and operating the first 100% smart grid in Central America. This award shows the AES' commitment to promote innovation in the Salvadoran electricity sector, for the benefit of its customers.



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.



In addition, with an investment of \$246,000, AES installed new electrical equipment at the El Tránsito substation, in the department of San Miguel. This improvement will benefit customers in the communities located in the aforementioned district and in rural areas of the Jucuarán district, Usulután.



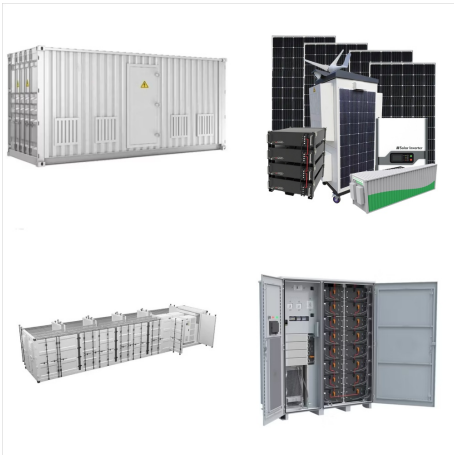
This integrated solar-plus-storage project is not only about the decarbonization and resilience of the electricity grid, but also strengthening the resilience of local communities by boosting the economic and social development in the Gulf of Fonseca region of El Salvador.



The solar PV plus storage facility, Capella Solar, has been officially opened providing electricity and power reserve to El Salvador's grid. The Capella Solar operation located in the Usulután department in El Salvador's ???



La tecnolog a Belezza GRID mantiene el colch n fresco toda la noche, gracias a su estructura de celdas que en su interior permite la circulaci n de aire asegurando una superficie fresca que ???



ETESAL President Edwin N  ez emphasized its pivotal role in improving lives, stimulating tourism, and attracting investments. The substation, part of a national expansion ???