

El Salvador power generation household with solar power generation household

How much solar power does El Salvador have?

From pv magazine LatAm El Salvador's energy regular, SIGET, said this week that the country's total installed PV capacity reached 633 MW by the end of 2023. The nation's total installed power generation capacity now stands at 2.99 GW, with 638 MW from hydropower. Solar accounts for about 21.1% of the nation's electricity mix.

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 Hidroelctrica del R3o Lempa), the rest of the generation capacity is in private hands.

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 Hidroelctrica del R3o Lempa).

Does El Salvador have electricity?

In 1995, only 65.5% of the population in El Salvador had access to electricity. Currently, the electrification index is 83.4%. This coverage is higher than that in Guatemala (83.1%), Honduras (71.2%) and Nicaragua (55%) but lower than the one for Costa Rica (98.3%) and Panama (87.1%) and also below the 94.6 average for LAC.

Is El Salvador a geothermal country?

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. El Salvador is the country with the highest geothermal energy production in Central America.

How many geothermal plants are there in El Salvador?

Currently, there are two geothermal facilities in operation in El Salvador, the 95 MW Ahuachapn, 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.

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