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El Salvador Base Station Energy Management System Company



Overview

Until the mid-1990s, the power sector in Salvador operated through the government owned Comisión Hidroeléctrica del Río Lempa (CEL), which provided generation, transmission and distribution services. The electricity sector restructuring that led to the unbundling of electricity generation, transmission and distribution and the horizontal division of generation and distribution into several companies was carried out in the period 1996-2000.

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 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 (Comisión Ejecutiva Hidroeléctrica del Río Lempa), is responsible for the maintenance and expansion of the transmission system. In El Salvador, there are five distribution companies.

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 tCO₂e 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.

Does the Inter-American Development Bank provide technical assistance to El Salvador?

The Inter-American Development Bank (IDB) is currently providing technical assistance to El Salvador in several electricity-related initiatives: World Bank, 2002. CEPAL, 2007. Istmo Centroamericano: Estadísticas del Subsector

Eléctrico Archived 2011-07-20 at the Wayback Machine.

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 Panamá (87.1%) and also below the 94.6 average for LAC.

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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