

## SolarTech Power Solutions

# Nicaragua Outdoor Power Assembly



## Overview

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What percentage of Nicaragua's electricity is produced by hydroelectric plants?

Currently, hydroelectric plants account only for 10% of the electricity produced in Nicaragua. The public company Hidrogesa owns and operates the two existing plants (Centroamérica and Santa Bárbara).

Does Hidrogesa own a hydroelectric plant in Nicaragua?

The public company Hidrogesa owns and operates the two existing plants (Centroamérica and Santa Bárbara). As a response to the recent (and still unresolved) energy crisis linked to Nicaragua's overdependence on oil products for the generation of electricity, there are plans for the construction of new hydroelectric plants.

What projects are being implemented in Nicaragua?

The Inter-American Development Bank (IDB) has several projects under implementation in the electricity sector in Nicaragua: In October 2007, the IDB approved US\$350,500 for the Support to Power Sector Investment Program. In June 2007, a US\$12 million loan was approved for the National Transmission Strengthening for Integration SIEPAC project.

Why does Nicaragua produce so much electricity?

This high contribution to emissions from electricity production in comparison with other countries in the region is due to the high share of thermal generation. Currently (November 2007), there are only two registered CDM projects in the electricity sector in Nicaragua, with overall estimated emission reductions of 336,723 tCO<sub>2</sub>e per year.

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## Contact Us

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