

Hydroelectricity in Mexico

This project is a little 8 MW hydroelectricity plant in Mexico, aimed to replace electricity produced by coal thermal plant with renewable energy.

This project is a CDM project (Clean Development Mechanism), registered at the UNFCCC (United Nations Framework Convention on Climate Change). Emission reductions are (certified emission reductions), delivered by the United Nations.

Emission reductions have been verified by DNV and certified by the UNFCCC on december 2006.



The project takes place in the Pihuamo municipality, in the Jalisco State, on Mexico's west coast. Constructed on the Barreras river, it consists of a small 8 MW turbine placed in an existing dam constructed by the Mexican National Irrigation Commission for irrigation purposes. The electricity produced is sent to the grid, displacing generation from fossil-fueled power plants.

The project produces around 18.500 t eqCO₂/year emissions reductions

This project is registered at the UNFCCC (United Nations Framework Convention on Climate Change) as a CDM project (Clean Development Mechanism) under the number 649.

Emission reductions were calculated according to the methodology « AMS-1.D: Renewable Electricity Generation for a Grid. ». The project design document was validated by DNV, one of the designated operational entities by the Kyoto Protocol's CDM executive board

Emissions reductions were verified by DNV in a report dated 27 december 2006.