



DESCRIPTION



NATURE OF PROJECT

Fuel-Switching Project from Fossil Fuels to Biomass



Renewable Energy

LOCATION OF PROJECT

La Providencia
Tucuman
Argentina



SPECIFICATIONS



Project Name

Fuel-Switching Project from Fossil Fuels to Biomass in La Providencia, Arcor

Standard(s)

VCS Standard

VCS Project ID

#185

Methodology

AM0036

Estimated Annual VERs

41,700

Vintage

2010

Registry

Markit



PROJECT DETAILS

La Providencia sugar mill was installed in 1882 and was purchased by Arcor Group in 1994. All the sugar produced in the region is used as raw material in the mill. This biomass residue (bagasse) from the sugar production is used to fuel in the new boiler, displacing fossil fuel usage.

The proposed project activity aims at reducing GHG emissions through the installation of a new biomass-fired boiler for steam generation in the boiler room of the La Providencia sugar mill, which currently fires some bagasse and fossil fuels (mainly natural gas and, to a lesser extent, fuel oil).

Since the overall energy demand of the sugar mill will remain constant following the installation of the new boiler, the increased use of bagasse as a fuel will result in a reduction of fossil fuel consumption for steam generation.

The project activity has the capacity to reduce approx. 417,000 tons of CO2 equivalent emissions over a 10-year time frame



Sustainability Benefits

The reduction in fossil fuel combustion improves the local air quality for the workers and local community. This has been further helped by the addition of a chemical gas scrubber.

New training has been provided and skills acquired by the mill's workers on the operation and maintenance of the new machinery.

Supplemental project information can be viewed at the [VCS Project Database](#)



Santa Maria de Igarassu School, Pernambuco, Brazil.

"Promoting the comprehensive development of communities where we perform and helping with the sustainable development of the regions where we operate".

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