

MADAGASKAR: SAHAVINOTRY HYDRO POWER PLANT

Kyoto Mechanism:	Clean Development Mechanism
Project Category (UNFCCC):	ACM0002 „Consolidated baseline methodology for grid-connected electricity from renewable sources“
Location:	Sahavinotry, district Antananarivo
Emission Reductions purchased:	200,000 t CO _{2e}

The Sahavinotry Hydro Power Plant Project consists of the construction and the operation of a 15 MW Hydro Power Plant located in the South of Antananarivo. After its completion the Hydro Power Plant will generate about 80 GWh of electricity annually which will be fed into the Madagascar Power Grid. This project replaces electricity generated by fossil fuels and helps reducing blackouts in the local supply of electricity.

The construction of this Hydro Power Plant includes the installation of a small dam, a steel pipeline of 3,300 m in length and two Pelton turbines. The electricity generated will be connected to the Antsirabé-Antananarivo JIRAMA Power Grid.

This is the first Hydro Power Plant Project established after 30 years in Madagascar.

The project will create 140 new jobs during the construction stage and another 20 new jobs during the operating stage.

Between 2008 and 2012 the project will generate 200,000 tons of CO_{2e} emission reductions.