

INDIA: JCT HOSHIARPUR SMALL SCALE BIOMASS PROJECT

Kyoto Mechanism:	Clean Development Mechanism
Project Category (UNFCCC):	Energy (renewable/non renewable sources), AMS-I.D., Small Scale Project
Location:	Hoshiarpur, Punjab
Emission Reductions purchased:	120,000 t CO _{2e}

The Project consists of the installation of a high-pressure steam boiler and a 6 MW turbine generator for the generation of electrical power from steam fed by the boiler that burns rice husk. The entire electricity generated will be used to cover the captive demand of JCT Limited's filament yarn plant in Hoshiarpur. Before implementation of the Project, the factory's captive electricity demand was covered by importing electricity from the grid operated by the Punjab State Electricity Board (PSEB), backed up by a set of 5 diesel generators.



The Project is anticipated to generate approx. 34,560 MWh_{el} per year. By substituting previously imported electricity from the grid and the diesel generator set, emission reductions equivalent to approx. 31,280 t CO_{2e} are expected. The generation of emission reductions up to the year 2012 should amount to roughly 187,600 t CO_{2e} in total.

The Project adds 10 jobs, associated with a positive impact on regional value added. The Project contributes to safeguard the factory's location and thereby assists the continuation of various social contributions to the local community.

Among others, JCT provides housing as well as water and electricity for the employees living on site and within the Hoshiarpur factory compound free of charge. Furthermore, a gymnasium is available for free use to children and youngsters from the surroundings.



The Project was registered by the Executive Board of the UNFCCC on April 27th, 2006 (<http://cdm.unfccc.int/Projects/DB/TUEV-SUED1142620517.13/view.html>).