



This project is the first of its kind in India. By overcoming the technological challenge of energy generation from low-density crop residues the project has a major impact on rural sustainable development by adding value to locally grown biomass waste.

The purpose of the project is to utilize the available biomass fuels in the region effectively for generation of power. A pioneering aspect is the utilization of low-density crop residues as a primary fuel. These low-density crop residues are otherwise burnt / decomposed in the fields, resulting in environmental pollution and GHG emissions.

The local population benefits in several ways from this project: The project generates 650 jobs in the region and contributes approximately USD 1 million to the rural economy each year through the Biomass Supply Chain. From an environmental perspective, it reduces the burning of agricultural biomass, which otherwise would result in high particulate emissions as well as contamination of ground water. As well, the project encourages organic farming through the production of organic fertilizer and distributing the same to farmers from whose fields' crop residues have been collected. In April 2007, this project was the first CDM project worldwide that generated Gold Standard certificates.

<b>Type:</b>	Small-scale CDM Project (validated by DNV) CDM registered, Gold Standard registered
<b>Location:</b>	Malavalli, Karnataka, India
<b>Project Type &amp; Activities:</b>	Generation of electricity and heat from biomass
<b>Baseline:</b>	Regional electricity grid
<b>Project Volume:</b>	163,000 tonnes of CO <sub>2</sub> equivalent
<b>Implementation Date:</b>	August 2001
<b>Crediting Period:</b>	7 years