

Oven Application

Site of Intervention

- Moradabad, Uttar Pradesh. INDIA

Type of Intervention

- Supply, Installation and Commissioning of Biomass Gasification System for Oven Application (Powder Coating)

Title of the Case Study

- ANKUR BIOMASS GASIFIER FOR OVEN APPLICATION

Objective of the Case Study

- To replace diesel consumption of 60 litres per hour with wood chips

Summary

- Ankur Gasifier model WBG-350 was installed in 2014, to fully replace diesel consumption for process heat application.

Choosing the Intervention - Motivation

- Locally available woody biomass was used in the Gasifier
- 60 litres per hour Diesel was replaced

Description of the Intervention (150 words)

- Ankur Scientific supplied, installed and commissioned the Biomass Gasification System for replacing about 60 ltrs/hr of Diesel which was being used in oven

Intangible or Tangible Benefit (100 words)

- Diesel Saving - 720 litres per day
- Payback Period - Approx. 6-7 months

Some photographs of the project:

