

Oven Application

Site of Intervention

- Tezpur, Assam. INDIA

Type of Intervention

- Supply, Installation and Commissioning of Biomass Gasification System for Biscuit Oven

Title of the Case Study

- ANKUR BIOMASS GASIFIER FOR BISCUIT OVEN

Objective of the Case Study

- To replace High Speed Diesel (HSD) consumption of 50 litres per hour with Rice Husk

Summary

- The system was installed to fully replace HSD consumption in Biscuit Oven

Choosing the Intervention - Motivation

- Locally available rice husk was used in the Gasifier
- 50 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 50 ltrs/hr of HSD which was being used in biscuit oven

Intangible or Tangible Benefit (100 words)

- HSD Saving - 1,300 litres per day
- Payback Period - Approx. 6 months

Some photographs of the project:

