

Dual Fuel Power Generation

Site of Intervention

- Bihar. INDIA

Type of Intervention

- Supply, Installation and Commissioning of Biomass Gasification System for Dual Fuel Power Generation application

Title of the Case Study

- ANKUR BIOMASS GASIFIER FOR CAPTIVE POWER CONSUMPTION

Objective of the Case Study

- To replace Diesel consumed in the engines by 70%

Summary

- The system was installed to replace Diesel consumed in the 2 Nos. Diesel Genset

Choosing the Intervention – Motivation

- By-product generated from Rice Mill is rice husk and the same was used in the Gasifier
- Approx. 38 liters per hour Diesel was replaced in 2 Nos. Diesel Genset

Description of the Intervention (150 words)

- Ankur Scientific supplied, installed and commissioned the Biomass Gasification System for replacing about 38 ltrs/hr of Diesel which was being used in Diesel Genset for Power Generation

Intangible or Tangible Benefit (100 words)

- Diesel Saving - 456 liters per day
- Payback Period – Approx. 7 months

Some photographs of the project:

