

HonduPalma

Negrito, Yoro, Honduras

avus 1200
Biogas

Fast Facts:

Location: Negrito, Yoro, Honduras

Generating Capacity: 1200 kW

Configuration: Container Module

Extras: Biogas Treatment System



About the Site:

HonduPalma, one of the leading palm oil manufacturers in Central America, is a modern biogas energy conversion plant. It will provide electricity to HonduPalma's factory and oil processing facility, as well as feeding surplus electricity into the utility grid. The thermal energy is fully utilized in the customers palm oil processing facility.

Application

This project uses the highly efficient 1.2MW 2G avus biogas CHP system. The fully integrated prime mover of the CHP System is a 2G avus 1200 with an MWM core engine and a capacity of 1,200 ekW/h or 9,960 MW p.a. electrical power and 1,225 kWh/th of thermal power per hour. In addition to the CHP unit, 2G Energy Inc. also supplied the complete gas treatment, including cooler, dryer/dehumidification, and the H₂S removal system.



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