

Project Profiles

Waste to Energy

Project Name: **Khorat**
 Client: Khorat Waste to Energy (KWTE)
 Location: Khorat, Thailand
 Project Type: Cigar® CARB
 Size: 7,000m³ wastewater per day
 Date: 2003
 Value: USD 5.0 Million R.O.I. ~ 18 Months
 Services Provided: Design, Commission & Operations support

At the time of commissioning this was the largest anaerobic digester in the Southern Hemisphere. This facility produces more than 90,000m³ biogas per day from the daily discharge of more than 7,000m³ high strength wastewater from processing Cassava root. The biogas replaces 7 million litres of heavy fuel oil per year and it also fuels an electricity generation plant that provides more than half of the power needs of the nearby plant which produces 750 tons of native starch per day.



Waste Water Energy Environment