REFERENCE PROJECT - 1150

ENTECH – WtGAS RENEWABLE ENERGY SYSTEM

PROJECT: 1150
THERMAL CAPACITY.: 1.6 MWt
APPLICATION: Waste Derived Fuel (WDF)
WDF TYPE: Biohazardous Waste (≈ 25-30 MJ/kg)
ENV. STD.: Compliance to EUD2000/76
CUSTOMER: RCO Investment Corporation
DATE INSTALLED: 2003
LOCATION: Poland

← (Foreground) Materials Handling Device

→ (Foreground) 3rd Stage of Air Quality Control System

PROJECT DETAILS: A group of private investors and RCO Hospital; a 800 bed leading oncology facility, recognized that waste derived fuel could be utilized to satisfy the hospitals high energy demands. The ENTECH – Renewable Energy System process waste derived fuel from the hospitals own waste, plus biohazardous waste collected from other facilities within a 100 kilometer radius.

The result being that RCO Investment Corporation (partially owned by RCO Hospital) sells energy to the hospital at discounted rates below conventional fuels, the hospital's existing boiler room plant is now only adopted as standby and the ENTECH system produces energy equivalent to over 1.0 million litres of fuel oil per year (or around 1.0 million cubic meters of natural gas per year).