

INTEC

INTEC Energy Systems is a leading global manufacturer and supplier of industrial process heating solutions. Worldwide agencies and its offices in India, Malaysia, Singapore and The Netherlands offer INTEC customers the necessary support and consultation with customized solutions to suit individual requirements. Ongoing support and after sales service is offered by INTEC ensuring a quick response when needed.

INTEC Engineering GmbH has successfully developed a core business in the wood and fiberboard industry. Several energy and power plants (capacity up to 15 MW electrical) have been commissioned, while construction is progressing on new Kronospan projects in Eastern Europe. Engineering has begun on a new 28 MW INTEC biomass fired energy plant which has been ordered by the company Dieffenbacher. The final customer is May Forestry in Vietnam which will set up a new MDF line.

The worldwide first commercial scale hybrid solar-biomass power plant delivered to Spain successfully fed the electrical power into the grid by December 2012. The exact operative date was mandatory to meet power supply agreements. Two parallel installed thermal oil units heated by wood chips combustion systems generate a total output of 2 x 25 MW (biomass) plus a separate 6 MW gas-fired thermal oil heater produce steam for power generation during night time, while being in standby during daytime.

INTEC also presents a new fluidized bed combustion system, using biomass or coal as fuel. A special feature is the controlled bed cooling and ash recirculation system positioned outside of the combustion area. The capacity options available varies between 500 kW and 50,000 kW.

Early in 2013 two identical thermal energy plants with capacity of 13.8 MW each using coal fired fluidized bed combustion systems have been commissioned successfully in Taiwan. The energy will be used in the nylon fiber production process.

The installation of a 20 MW saturated steam boiler using a biomass fired fluidized bed combustion system is under way in Indonesia with expected commissioning in 2013.

More details about INTEC's capabilities and products may be discussed with its staff of specialists during the Ligna fair.

Hall 27, F6 (INTEC, Cornelia Kerber)



INTEC energy plant in Spain