



ORC (Organic Rankine Cycle) equipment and technologies

- Competitive advantages of CHP/CHCP applications for the coverage of energy

demand (i.e. electricity, heat and cooling) in the industrial and commercial sectors

- Permitting, regulatory and grant information and guidance

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Process Heating Solutions From INTEC

INTEC Energy Systems is a leading global manufacturer and supplier of industrial process heating solutions. Several energy and power plants (capacity up to 10 MW electrical) have been commissioned at panelboard plants, while construction is progressing on new Krospan projects.

In 2013 two identical lines with a fluidized bed combustion system and capacity of 13.80 MW per line have



been commissioned in Taiwan for heating thermal oil. The next installation of a saturated steam fluidized bed fired boiler with a capacity of 27.5 t/h (gross) at 140 °C feedwater temperature and 18 bar is commissioning in Indonesia.

INTEC is involved in the first hybrid solar-biomass power station, based in Spain. Two parallel installed solid fuel firing systems for burning wood chips with a total output of 2 x 25 MW (biomass) plus 1 x 5.6 MW with 2 x 22 MW gas burners and a separate gas-fired thermal oil heater produce steam for power generation even if no sun appears.

INTEC is constantly developing its product range, improving current technologies and developing new technologies.

Currently, INTEC is participating in a government support research project to determine the coherence between slagging in the combustion chamber, the coatings on the convection area and the type of burnt biomass.

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