

biomass power

Bagnolo Power Srl 4.7 MWe Biomass Power plant under construction in northern Italy. This is one of Biomass Power's standard modules capable of handling various biomass fuels, treated or untreated built to meet EU WID standards. BPL's process is designed to give the maximum efficiency and fuel flexibility over its life span of 30 years plus.



The system BPL has engineered will produce CHP and CCHP as required.

The system's output is to be utilised two fold;

- Hot water and heating to the regional Hospital
- Electrical generation to the National grid.



BPL's manufacturing facilities at Stafford transporting its Fifth power plant.



BPL's moving floor will handle all sizes and types of material.



BPL's filter delivered in three sections, installed in days, incorporating the latest filter media to meet the most stringent international standards.



BPL's robust step grate is factory assembled assuring a high quality installation



All foreign objects and oversize will be automatically screened.



BPL's staged process of gasification ensures complete combustion control with more than a 2 second residence time at 900°C.



Fuel is metered according to the calorific value, using only that which is needed

Using BPL's unique cyclone prior to the gases entering the media section, increases efficiencies whilst protecting the filter media.



Key hardened refractory lining is dried prior to dispatch ensuring greater quality control leading to superior service life

