

Energy Statement To Support

Application For A Biomass Boiler & Flue,

The Tipi Company, Unit 1 Jubilee Works, Vale Street, Bolton BL2 6QF

For Harthern Property Ltd.

The red edged site contained in this application is situated off Bury New Road via Vale Street, Bolton within an established commercial/industrial estate, and forms part of the applicant's larger site. The site comprises a hardcore yard/carpark with office and a free standing detached lightweight demountable building currently under construction.

The proposed biomass boiler will provide local space heating for the workshop area used for the manufacture of timber framed canvas covered tipis, during winter months. It will also replace electric fan heaters currently used to heat the offices and staff welfare units providing a warm dry environment for employees.

In addition to heating, the boiler will also provide hot water to the office and welfare units in accordance with workplace H&S Regulations.

The boiler will be fuelled using virgin only wood made up from the offcuts of the poles used to construct the tipis, which will already be dried to the correct moisture content. This supply of timber is effectively free as it is the remains of what is used by the business, which otherwise would have to be removed from site as waste material

The style of boiler has been chosen due to its economical operation and highly energy efficient output with a high combustion efficiency resulting in a virtually smokeless operation.

Impact

There will be no increase in the number of vehicles visiting the site, and an actual reduction in vehicle movements due to eliminating removal of all waste timber off site, resulting in a nett carbon reduction.

Additionally there will be a further reduction in carbon emissions through the replacement of existing electric fan heaters and water heaters for staff welfare of an existing business providing secure ongoing employment, resulting in a viable and sustainable scheme.