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Energy/Sustainability statement for an outline of residential properties on Land off
Grange Crescent, Thurnscoe, Rotherham.

The proposal is for a residential development of affordable housing on a former public house site. This consists of mainly bungalows and semidetached houses of minimal size from one to two bedrooms. It is an outline application with limited information available to have a lifetime sustainability assessment done.

The houses if granted permission will need to exceed the minimum requirement of building regulations which aims to reduce carbon emissions. They will be well insulated and designed to reduce the need of the use of fossil fuels. To that aim it is proposed to install air sourced heat pumps for their heating and hot water use along with hot water recycling in showering facilities. It is also proposed to install solar panels with battery storage to reduce the need for peak hour use. The aim being to be as close to net zero as is possible while still making the homes affordable.

John Blackburn Director