

Corrboard to install anaerobic digester

Sheet feeder Corrboard UK Ltd. has received planning consent for a 500 kW Anaerobic Digester (AD) plant to be located on its site in Scunthorpe. The scheme will be based next to the main 30,000 m² facility on the existing 77,000 m² site, a company speaker confirmed. It is planned to start the development later in 2016 after designs are finalised. The modular design of the AD plant will allow the output to be increased as the company's production expands.

North Lincolnshire is a large growing and food processing area that will provide the 25,000 tonnes of waste organic feedstock to fuel the plant, thereby diverting it from traditional incineration or landfill.

The £3.5m (€4.5m) investment will produce 100% of the company's electricity needs with excess being fed into the National Grid. A large proportion of the company's gas requirement will also be generated by the AD plant to fuel the Fosber corrugator's boiler. In addition, the residual heat generated will be used to pre-heat boiler water, further reducing energy consumption, and provide heat to the factory. The bi-product from the AD plant is digestate – an organic fertiliser that can be sold for agricultural use.

"Corrboard UK will be the UK's first sheet feeder to be self-sufficient for its power needs; an incredibly powerful proposition given the ever increasing demands to reduce environmental impact", the company commented.

Corrboard was established in 2014 by a partnership of eight independent UK companies and US Corrugated Synergies International (CSI). The joint venture enables its partners to leverage synergies arising from joint raw material procurement and equipment sharing, but apart from that to act as independent companies.