



Brigg Renewable Energy Plant

Client

Fichtner

Contractor

BWSC

Architect

Ramboll

Engineer

Ramboll

Steel Tonnage

1,430 tonnes

The waste to energy Plant at Brigg in Lincolnshire is an exciting and most sustainable project - a new 40MW renewable energy plant which will generate enough electricity to power 70,000 homes using straw and woodchip as a sustainable fuel source. It is claimed this will save 300,000t of carbon dioxide emissions per annum.

Caunton supplied and erected over 1,430te of steelwork, all galvanized, for the major components of the power station.

Overall the facility comprises a turbine building and attached office block and boiler hall, two straw barns and woodchip shed. All of these structures are steel-framed, as are a number of enclosed bridges linking the main buildings and housing conveyor belts. Caunton's Secondary Steelwork Division also provided the required Secondary Steelwork, cladding and doors.

Steel is the most efficient way of designing this sort of energy centre as it allows flexibility to construct the tall buildings quickly and economically.

BWSC employs more than 450 staff globally, and the company is a world leader in construction, commissioning or Operation and Maintenance (O&M) of power plants. BWSC is owned by the Mitsui Group of companies. Caunton were very pleased to have helped BWSC with such a worthwhile venture.

