



Brigg Renewable Energy Plant

.....
Client

Fitchner

.....
Contractor

Burmeister and Wain
Scandinavian Contractor

.....
Architect

Ramboll

.....
Engineer

Ramboll

.....
Steel Tonnage

1,430 tonnes

Caunton supplied and erected 1,430 tonnes of main and secondary steelwork, all of which was galvanized, for Brigg Renewable Energy Plant.

The waste to energy plant at Brigg in Lincolnshire was a most sustainable project – a 40MW renewable energy plant, which generated enough electricity to power 70,000 homes using straw and woodchip as a sustainable fuel source. It was claimed this saved 300,000 tonnes of carbon dioxide emissions per annum.

Overall, the facility comprised of a turbine building and an attached office block and boiler hall, two straw barns and woodchip shed. All of these structures were steel framed, as were a number of enclosed bridges linking the main buildings and housing conveyor belts.

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

At the time, BWSC employed more than 450 staff globally, whilst being a world leader in construction, commissioning or operation and maintenance power plants. The Mitsui Group of companies owned BWSC.

Caunton were very pleased to have helped BWSC with such a worthwhile venture.

Caunton Engineering Ltd.

Caunton House, 2 Coombe Road, Moorgreen Industrial Park, Newthorpe, Nottingham NG16 3SU

▲ T. 01773 531111 ▲ E. sales@caunton.co.uk ▲ W. www.caunton.co.uk

