



Renewable Energy Power Plant - Sandwich, Kent

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Contractor

BWSC

.....
Engineer

Niras

.....
Steel Tonnage

800 tonnes

Caunton Engineering constructed their fifth power plant for Burmeister and Wain Scandinavian Contractor A/S (BWSC) in as many years. Caunton supplied 800 tonnes of main and secondary steelwork to the £160 million bio-mas fired combined heat and power plant at Discovery Park, Sandwich, Kent. Discovery Park was quickly established as one of Europe's leading science and technology parks.

The new plant produced all the power and heat requirements for the site's 150 plus companies. This will be Kent's first biomass power plant and had a capacity of 27.8MW and was fired primarily with virgin wood sourced in the UK, which included coppice grown locally in Kent and East Sussex.

The project required 800 tonnes of structural steelwork to frame the boiler house, the turbine hall, fuel storage buildings, a conveyor support, woodchip and secondary steelwork. Caunton's Technical Team were responsible for designing the connections. The crane connections were to EXV3. Caunton also supplied, fabricated, fire protected and erected the steelwork. The secondary steelwork was supplied by Caunton's Secondary Steelwork Division.

This project contributed to the UK Government's commitment to be carbon neutral by 2050 by means of zero carbon energy production.

