

IMMINGHAM RENEWABLE FUEL TERMINAL, IMMINGHAM

CLIENT – Associated British Ports
CONTRACTOR – Graham/Whitwick Engineering
CONTRACT VALUE – £60M
PROJECT DATE – 2015

GGP were appointed by Whitwick Engineering to undertake the civil and structural design and detailing of a proposed renewable fuel terminal to be situated at ABP's Immingham port.

The project was to design a structure to transport wooden pellets from the existing jetty where they would be brought in by sea, to a rail load out silo.

The transportation from jetty to rail involved the design of large scale trestles, gantries, transfer towers and ancillary steelwork.

GGP were responsible for major structural steel design works which were mostly designed using Robot Structural Analysis software and then detailed the using TEKLA software which ensured not only greater accuracy but a smoother delivery and construction on site.

The main support frames for the gantry were replicated wherever possible to simplify the fabrication process, reduce costs and programme length once on site.

The facility is now capable of handling 2,500 tonnes of wooden pellets per hour and storing 100,000 tones ready for offloading onto the rail and road for transportation to Drax Power Station.