
Grimsby Energy from Waste Facility



Purchaser: Newlincs Development Ltd

Turnkey Contractor: Earthtech Engineering Ltd

MSJ Service: Purchasers Engineer (Civil & Structural)

Melia Smith & Jones Ltd worked with the client to develop the Civil Engineering requirements for a new waste incinerator to be built on a green field site in South Humberside. This information was then used to place a lump-sum turnkey contract for the works under an IChemE red book contract. Melia Smith & Jones were then employed by the Purchaser to act as their engineers to oversee and advise upon the Civil & Structural work and assist in the contract administration.



The plant is based on the client's own waste reciprocating drum combustor technology developed in France and handles up to 56,000 t/yr municipal solid waste (MSW) to produce approximately 3MW electrical power and heat for export.



The waste reception hall has a concrete pit, buried 6m into the ground, capable of 3 days of MSW storage.

Ground conditions have dictated that all the main building elements are supported on pre-cast driven piles.

