



SOLAR|21

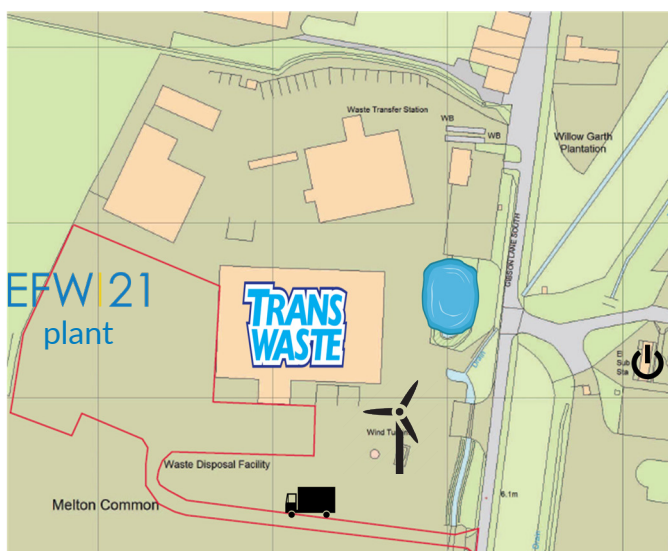
Q1|2020

EfW 21: Melton project update

Our 26MW Energy from Waste plant is being built at Melton, near Hull in the UK. Located next to our biogas 2 plant, it will burn 250,000 tonnes of Refuse Derived Fuel (RDF) which is derived from black bin waste after the organic and recyclable materials are removed. With planning permission and a grid connection secured for the four-acre site, we are in the process of finalising the plant's design. Construction is scheduled to begin in April with civil engineering contractor Ashcourt. Solar 21 is on schedule to exit investors on their maturity date starting in December 2021.

Optimal location

The site is optimally located next to Transwaste, the largest waste recycling company in East Yorkshire. Transwaste has a license to handle up to 750,000 tonnes of waste per annum. They will provide a steady supply of feedstock (RDF) to the plant.



The proposed layout of the Melton EfW site

The plant will have two revenue streams: energy sales and gate fees for RDF taken in from the adjacent waste processing plant.

FICHTNER

Consulting Engineers Limited

Fichtner Consulting Engineers have been engaged to conduct a review of the proposed design to ensure that the plant is future proofed in relation to the current and projected future UK waste profile. As part of this review process, informal consultations were conducted with a number of tier 1 and tier 2 EPC contractors for their feedback on the design. Fichtner is advising on the process to select the primary contractor.

We have also engaged legal firm Pinsent Masons, led by their highly experienced Energy Partner in Leeds on the contracting strategy and construction contracts. The Ashcourt Group, who previously worked on Solar 21's biomass and biogas plants, is the preferred civil engineering contractor. Civils work on the site is currently scheduled to start in April.



This UK based EfW plant is a similar size to the proposed Melton EfW plant

Our partners

Solar 21 believes in working with the best. We partner with experienced firms with decades of experience in renewable energy, engineering and design.

FICHTNER
Consulting Engineers Limited

ASHCOURT
— GROUP —

**TRANS
WASTE**

Fichtner Consulting Engineers, one of the world's premier engineering firms with over 100 offices worldwide has been engaged as lead engineer. It has previously consulted on more than 50 EfW plants including the Covanta EfW plant in Ringsend, Dublin. It has an annual turnover of more than £300m.

The civil engineering division of the Ashcourt Group is providing civils for the construction of the AD plant. Ashcourt has grown rapidly from its beginnings as a small family business to be one of the foremost construction and civils companies in the north east of England.

Transwaste Recycling and Aggregates Ltd is one biggest producers of RDF (refuse derived fuel) in East Yorkshire. At its purpose-built waste transfer stations, Transwaste is licensed to process up to 750,000 tonnes of waste per annum.



Industry news

The Dutch government recently voted through a waste import tax on waste that is destined for Dutch energy-from-waste plants. The Dutch Government estimates that as much as 25% of the waste processed in the country's EfW plants comes from outside the country. Pending the outcome of a legal challenge, the €31-per-tonne tax will be introduced on all waste imports to the country from the start of next year. This could mean an additional 1 million tonnes per annum of waste to be processed within the UK thus increasing the demand for domestic EfW plants to avoid this waste going to landfill. Read more on our website: <https://www.solar21.ie>.