

Eastcroft Energy from Waste (EfW) facility



The Eastcroft Energy from Waste facility, owned and operated by Waste Recycling Group, takes around 160,000 tonnes a year of non-hazardous waste from households and businesses within Nottingham and the wider county for treatment by high temperature incineration with energy recovery. Residual waste is brought to the facility after recyclable materials have been separated out either at home, household waste recycling centres or other waste recycling and treatment facilities. The use of energy recovery at Eastcroft vastly reduces the amount of waste sent to landfill as well as Nottingham's reliance on fossil fuels to supply the City's energy needs.

The energy recovery process at Eastcroft generates steam, which is delivered via a pipeline to EnviroEnergy Limited, a company wholly owned by Nottingham City Council. EnviroEnergy supplies heat to a wide range of customers, including 4,600 domestic premises in the city, as well as public buildings including the Broad Marsh shopping centres, Victoria Baths, Nottingham Trent University's Newton Building, the Inland Revenue building, the Magistrates Court, Nottingham City Council offices and the National Ice Centre. Any excess steam is also used to generate electricity which powers the facility and is also supplied to many local customers within Nottingham City.