



NEWS RELEASE

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GO-AHEAD FOR NEW GREEN POWER PLANT

AN innovative new project is to result in 30,000 tonnes of waste wood being turned into 'green' electricity - providing enough power for around 4,000 homes in York.

A joint venture between Yorwaste, the North Yorkshire recycling and waste management company, and Pickering-based clean energy-from-waste specialist, Bioflame, will result in the construction of a new green power plant at Yorwaste's integrated waste management facility at Harewood Whin, near York.

It follows a decision by City of York Council to grant planning permission for the £7 million project, which will be known as Yorwaste Heat & Power.

Waste wood - such as old kitchen worktops, window frames and timber – is difficult to recycle but under this project it will be brought to Harewood Whin to be shredded and then thermally treated.

Energy produced during this process will then pass through a steam boiler and into a turbine, which will produce 21,040 megawatt hours of clean renewable electricity per annum. The patented Bioflame clean burn technology ensures that the system performs to the strictest environmental code for emissions.

This electricity will then be fed back into the National Grid, providing enough power for around 4,000 homes.

The new facility at Harewood Whin, which is set to be operational by 2011, will complement the existing green power generators, which already export 5.2 megawatts of electricity to the National Grid.

Tony Sharkey, Yorwaste's Director of Future Developments, said: "The wood that will be fed into the new facility is very low grade and this means it cannot be recycled in the normal way.

"However, this new technology will result in the waste being able to be recycled through the production of green renewable electricity that will power thousands of homes.

"We are very excited about this project and once it is fully operational it will mean Harewood Whin is one of the largest renewable electricity generating sites in the whole of Yorkshire."

Alex Thornton, New Business Manager at Bioflame, said: "This development will contribute significantly towards the region's binding obligation to ensure 20% of all electricity generated by 2020 comes from renewable sources.

"In addition, it will save nearly 9,000 tonnes of CO₂ per annum by reducing the region's dependence on fossil fuel derived energy."

Harewood Whin is a strategically located integrated waste management site located on the outskirts of York, near to the village to Rufforth. As well as landfill the facility offers a range of services including construction waste recycling, green waste composting, wood processing, liquid waste treatment, energy from landfill gas and soil processing.

ENDS.

Notes to Newsdesks/Reporters: Bioflame operates an energy from waste demonstration plant at Pickering, similar to the one that will be built at Harewood Whin, and a tour can be arranged for reporters/photographers on request.

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About Yorwaste:

Yorwaste is an innovative waste management and recycling company owned by North Yorkshire County Council and City of York Council. Managing more than one million tonnes of waste each year, it provides a comprehensive range of services from engineered landfill and recycling to liquid waste treatment and supply landfill gas for power generation.

The company's Yorventure operation supports local communities and has provided more than £7m in grants for approved projects over the past ten years. Further information can be found at www.yorwaste.co.uk

About Bioflame:

Bioflame is a Yorkshire based technology and renewable energy company engaging in an aggressive growth strategy throughout the UK. With a highly skilled and experienced management team, the company is ideally placed to take advantage of the renewable energy generation sector.

Bioflame, which this year won the Yorkshire Post award, have just completed commissioning on a 2.5MW plant in Lincolnshire and has a further 17 projects in various stages of construction, design and planning.

www.bioflame.co.uk