

# Bioflame

## Paving the way for dedicated biomass plants.

Thanks to CO2Sense, Ofgem have approved a new analytical technique for determining the biomass content of waste wood for Renewables Obligation Certificate (ROC) purposes.



This standard technique has been adopted by Bioflame Limited, a pioneering Yorkshire based renewable energy technology and project developer.

Renewable energy generating stations wishing to benefit from the financial incentives provided by ROCs are often faced with the prospect of using complex and expensive analytical techniques to prove their eligibility.

For small and medium scale projects, this can be significant barrier to development. Following the work of CO2Sense, the Bioflame dedicated biomass plant, based in Pickering North Yorkshire, is now eligible to claim ROCs using standard fuel measurement techniques.

The approved fuel measurement technique is a draft European standard called prCEN/TS 15440 "Solid recovered fuel – Method for the determination of biomass content".

One of the key benefits of adopting a standard technique such as this is that it is easy for other generators to apply as the step by step methodology is clearly stated in the standard.

## Renewable Energy

// Bioflame's technology and, importantly, their business model, provides a replicable approach for economic small scale production of heat and power from waste fuels. //

Sue Brown, CONSULTANT – CO2SENSE

Bioflame's fuel analysis will be conducted by TES Bretby, one of the UK's largest independent testing laboratories.

Yorkshire and Humber has long been recognised as the power house of the UK. CO2Sense is working to transform the generation capacity from being reliant on fossil fuel to low carbon alternatives.

This work is one of the many steps that we are taking to ensure that this low carbon vision becomes a reality.



**CO2Sense was established by Yorkshire Forward to help businesses in the region to prosper in the low carbon economy.**

**We provide expertise and funding to help environmental companies to grow. We work with partners to help all organisations to fund and develop initiatives that reduce their carbon emissions.**