

Biomass at Staffordshire County Council

Four schools, an Outdoor Education Centre, Cannock Chase Visitor Centre and two offices owned by the county council are now heated by biomass fuels. These installations will save the county council over **£200,000** each year from reduced heating bills and payments received by the government's Renewable Heat Incentive (RHI). The investments will be paid back in around eight to ten years. The RHI guarantees a payment for every kWh of renewable heat generated for twenty years.



Biomass fuels have lower net carbon emissions than fossil fuels such as oil and gas; the current installations will reduce county council's emissions by **1,100 tonnes of CO₂** each year.

The county council is committed to reducing its carbon emissions by 3% per year and also to generate 15% of its energy demand from renewable technologies by 2020. The biomass installations will help achieve both of these targets.

There are numerous benefits from switching to biomass heating including:

- a reduction in heating bills;
- payments from the Renewable Heat Incentive (RHI) for every kWh generated;
- a decrease in carbon emissions; and
- support to local supply chains and recycling finances within the confines of the county.

Fuel is sourced from Wood Fuel Trading and Consulting, a traded company within Staffordshire County Council who support the council with business cases and advice on installations. They use sustainably sourced wood from the Staffordshire area.

