

## Biomass Boiler and Condensing Boiler - Whole Life Costing ( 15 years )

ANNEXE 2

Factor	Biomass - Woodchip	Biomass - Pellets	Condensing Boiler
<b>Capital Cost - Installation</b>	150000	150000	72000
<b>Fuel - Running Costs</b> ( Annual fuel costs - as at June 2008 X 15 )	387420	535920	336220
<b>Servicing Costs</b> ( based on average cost of £1835 per annum X 15 )	27525	27525	9000
<b>Staff Costs</b> ( Monitoring plant, organising / accepting deliveries etc	16200	16200	8100
<b>WHOLE LIFE COST £'s ( over 15 year period )</b>	<b>581145</b>	<b>729645</b>	<b>425320</b>

**CO2 REDUCTION - Total Tonnes over 15 year period**

**1875**

**1875**

**915**

- 1) The delivery of woodchip / pellets over a 15 year period will result in approx 5400 carbon miles. Not applicable to Gas.
- 2) Volatility of Gas prices and wood chip / pellet availability and prices unknown. However existing Gas Contract prices have been increased by 40% to reflect likely market conditions no increase is factored in for wood chip or wood pellet price increases.
- 3) Assuming that both plant items have a serviceable lifespan of 15 years.