



Description:

Community Sustainable Energy Programme (CSEP) Development Study

Renewable Technologies:

40 kW Wood Chip Biomass Boiler
2.82 kWp and 5.17 kWp Solar PV

Study Outcomes*:



60,600 kWh of space heating demand would be generated by the biomass boiler, and up to 6,858 kWh of renewable electricity could be potentially generated by the solar PV systems per year



Up to £1,832.34 annual savings on oil and electricity bills, and up to £2,475.74 annual income from Feed in Tariff Scheme



12,754 kg CO₂ emissions savings

The Organic Research Centre is waiting for CSEP decision regarding their capital grant application and planning to install both solar PV systems in 2011.

If you are interested in renewable energy technologies, want to know whether your site is suitable and how much energy & CO₂ emissions you could save contact our office on 01953 798112.

* Based on specific technology quotations and the electricity price at 13.77p/kWh.