



FEASIBILITY STUDY National Trust – Croome Court



Description:

Feasibility study for the proposed renewable energy technologies

Renewable Technologies:

50 kW Ground Source Heat Pump
16.72 kWp Solar PV system
300 kW Wood Chip Biomass Boiler

Study Outcomes*:



307,891 kWh of space heating demand would be generated by the biomass boiler, and **13,376 kWh of renewable electricity** could be potentially generated by solar PV system per year



Up to **£4,436.62 annual savings** on oil and electricity bills, and up to **£4,200 annual income** from Feed in Tariff Scheme



79,954 kg CO₂ emissions savings

National Trust currently evaluates renewable energy technologies for different sites, and for Croome Court a solar PV system and a wood chip biomass boiler is planned to be installed.

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, the electricity price at 8.13p/kWh, and oil price at 42p/litre.