

Biomass Heating Projects

- KCEL will invest in a new or replacement boiler system for a building where there is a significant annual heat requirement (approx. 70,000 kWh pa or more). Typical examples would be a public building, a small hotel or care home, a pub, a school, a village hall etc.
- KCEL will run the equipment and sell the metered heat (ie only the heat actually consumed) to the owner.
- The price of the heat will be linked to the cost of the biomass (usually wood pellets) which is currently below gas and oil prices and expected to remain so.
- The heat is delivered via hot water which is transferred by a small heat exchanger unit to an existing radiator system or possibly a hot air system. The system used on the building side of the heat exchanger is the responsibility of the building owner.
- The owner of the building must be prepared to sign a 25 year contract to take a minimum quantity of heat from the KCEL system. As this is likely to be the cheapest source of heat this is not an onerous undertaking. The contract must be capable of being transferred to a new owner.
- KCEL takes all responsibility for planning permission, designing, installing, insuring, purchasing and supplying fuel, and running the biomass system.
- The owner must provide adequate secure space within or outside the building for the installation of the equipment and its fuel store at a peppercorn rent. The owner must also supply at no cost to KCEL a water and electricity supply for the installation. The quantity of utilities to run the installation will be estimated but is not expected to be very large.
- The boiler system is fully automated and monitored remotely at all times. The building owner will need to appoint someone to act as caretaker so that the system can be visually monitored. KCEL will undertake, at its expense, to train the caretaker in these duties.
- More than one building can be serviced by one installation provided the other buildings are close by (within say 30 or 40 metres).
- KCEL reserve the right to supply other nearby buildings from the same installation, if feasible. The building owner will share in the additional profit so generated. It is anticipated that in some circumstances this could outweigh the cost of the owner's own heating requirements.