

Case Study

Mendip Road (Chelmsford, Essex)

Project type: *New boiler installation,
new build district heating scheme*

Boiler details: *2 x D'Alessandro CSI 60.*

Fuel type: *Wood Pellet*



Site background: *New build, specifications to comply with CODE6 requirements. A project to supply a district heating scheme for 20 affordable housing properties. Partnered with SolarTech who were providing a Solar PV solution.*

Solution: *The first CODE6 compliant system to combine biomass with Solar PV. Two EN303/5 compliant 60kW boilers were installed with a bespoke dual fuel store. Auto de ash cleaning system, automatic fuel ignition, fully modulated controls. Ashwell provide a service and maintenance contract with priority response times.*

Wood pellet was the chosen fuel to provide a consistent, controllable fuel source - achievable due to its uniform nature. Its high calorific value meant lower storage space was required.

Benefits to customer: *A CO₂ neutral installation with low associated fuel costs. The high efficiency, automated system was also compliant to CODE6.*

Highlights:

- *CODE6 compliant system combining biomass with solar PV,*
- *New build district heating scheme*
- *Installed to budget and on time,*
- *Customer satisfaction,*
- *Partnering with consultant design engineers*
- *Wood pellet to provide a consistent, controlled fuel source*
- *Ashwell providing ongoing service and maintenance contract with priority response times.*

