



## Case Study Hellens Manor

Hellens Manor, in Herefordshire, had some unique heating challenges, our biomass solution met and exceeded them.



Hellens Manor, Hellens House or simply Hellens is one of the oldest dwellings in England, and a living monument to much of England's history. It remains a living home and contains a wealth of period furnishings, artifacts, paintings and decorations.

It is primarily composed of Tudor, Jacobean and Georgian architecture, but the foundations date from the 12th century with traces of even deeper history. As is often the case with such

historic buildings, the lack of insulation, draughty windows and doors (which are all listed) and damp foundations all lead to a high heat demand that is hard to keep economic and efficient.

### **The old system**

The old heating system comprised of a log boiler and oil boilers. The log boiler was undersized for the heat required, and as it had to be manually loaded with fuel, it was almost a full-time job keeping up with the heat demand. It

