

Case Study



Site : The Manor of Dean, Petworth , West Sussex

A significant Elizabethan manor house .

Challenges : The manor house is under going total refurbishment providing an excellent opportunity to introduce renewable energy to replace the old existing oil fired heating system.
Three phase electricity supply would need to be installed to provide ample supply for demand.

Solution : Spatial heating and hot water for the main house via a 60kW Ground Source Heat Pump. This will satisfy a requirement of 95,000kwh per annum for the heating & hot water requirement.

Source taken from a 2800m surface soil horizontal collector field located in an adjacent paddock.

After completion of ground works the site is restored to its original condition.

