

Case Study

44Kw Ground Source Heat Pump
System for a large residential property
Surrey



At a glance

- **44 Kw Steibel Eltron GSHP system**
- **8 x 120 metre boreholes**
- **Comprehensive service**
- **7 year warranty**
- **Ongoing service contract**

Objective

As part of major renovation works on their large property in Surrey, our client wanted to move away from gas central heating to a more sustainable solution.

About the project

The Nicholls team were able to undertake the GSHP design for the property and assess the geological conditions below the site, where we had previously installed a system locally. Using our experience we established that the 44Kw GSHP required 8 120 metre boreholes.

The Nicholls Team undertook all aspects of the installation from the initial site surveys and drilling, all the way through to the client handover.

The client benefits from a 7 year warranty and ongoing service contract with the Nicholls Service and Maintenance team for total peace of mind.



“After some research we were excited to appoint Nicholls to install a ground source heat pump system at our residential property in Surrey. We use a considerable amount of energy and wanted to remove the legacy gas boilers from our property and move to a much more efficient system. Nicholls managed the whole process for us, borehole drilling and system commission. I would highly recommend them. The system has been up and running over the winter season and we have already seen a considerable reduction in our energy bills.”

Client