

## Case Study

# New Build Bungalow, 8kW, Nottingham

## The facts:

### Property Type:

New Build Bungalow

### Property Size:

160 m<sup>2</sup>

### Product Supplied:

8kW Kensa Compact Heat Pump with single compressor

### Application:

100% space heating within the property, complementing

Underfloor heating and domestic hot water production

### Installation:

Two x 70m vertical, closed loop ground arrays

### Cost Savings:

Lower running cost than gas, due to operation using off-peak tariffs, no servicing costs and a longer product life.

### Fuel Displaced:

Gas

### CO<sub>2</sub> Reduction :

29% saving over gas (based on data from the DTI and BRE)



## 'Space and DHW heating provided by boreholes'

Nestling in a select suburb of Nottingham is this low-energy bungalow, newly constructed from environmentally sustainable materials. It is heated with an 8kW Kensa Compact heat pump which provides the space heating and Domestic Hot Water production.

Close by in the garden are two 70 metre closed loop boreholes that provide the heat source for the heat pump in winter. The space heating is provided via a wet underfloor system, which is fitted throughout.



Position of the Boreholes

**'We are looking forward to energy efficient, environmentally friendly, maintenance-free heating for our home.'**

Environment Conscious Owner

## £Grants

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