

LG High Temperature Heat Pump



3 Bed Detached House
1960's Build
Standard Insulation
Replaced Oil Boiler

In September 2016 Mr & Mrs Letts had a 16kW LG high temperature Air-to-water heat pump installed.

The house was previously heated by an oil boiler and a small area of electric underfloor heating. The boiler was about 20 years old and had definitely seen better days.

What the customer says: "it's great to have heating all day long, not having to worry about turning the oil on & thinking about it!"

The customer also has solar PV which will produce some of the electrical demand for the heat pump providing further savings.



Running Costs and Benefits

1st years running cost: £798.00

2nd Year running cost: £830.00

1st years RHI (10.02p per kWh): £1,016.50

2nd Years RHI (10.52 per kWh): £1066.00

Cost of Traditional fuels

Oil – 75% efficient @ 48p a litre = £1,008

LPG – 75% efficient @ 60p a litre = £1,920

Electric – 100% efficient @ 12p a kWh = £2,016



Split High Temp

