



GROUND SOURCE HEAT PUMP TARIFFS 2018

	Small GSHP heating installation (Up to 200kW)	Medium/ large GSHP installation (From 200kW to 1.5MW)
Tier 1 payment* *The tier one payment applies for 1314hrs × the installed capacity	9.36p per kWh	9.36p per kWh
Tier 2 payment	2.79p per kWh	2.79p per kWh

RHI income example: A heat pump running for 1314 hours per year would produce the following RHI:

GSHP size	Potential RHI income
150kW	Tier 1: £18,449 per annum Tier 2: £5,500 per annum
499kW	Tier 1: £61,372 per annum Tier 2: £18,294 per annum
999kW	Tier 1: £122,867 per annum Tier 2: £36,624 per annum

GSHP is broadly competitive, and in many cases cheaper than fossil fuels.

Fuel	Price per unit	kWh per unit	Pence per kWh
Wood chips (30% MC)	£120	3,500 kWh/t	3.7p/kWh
Wood Pellets	£210 per tonne	4,800 kWh/t	5.44p/kWh
Natural Gas	3p/kWh	1	3.63p/kWh
Heating Oil	35p/ltr	10 kWh/ltr	4.06pp/kWh
LPG (bulk)	38p	6.6 kWh/ltr	6.53pp/kWh
Electricity	15.0p/kWh	1	14.33p/kWh