

# TAKE A BREAK FROM HEATING BILLS & GET PAID FOR IT

Utilise your site's natural resources with ground source heat pumps to lower your energy bills and get paid for heating your holiday accommodation.

Clean, safe, reliable  
renewable heating



Maintenance free &  
20 year lifetime



Retrofit & new build



# Unearth free heat

Get paid to give your guests warm holidays all year round with renewable heating and hot water.

Whether you have one holiday let or a holiday park, ground source heat pumps will significantly reduce the cost of heating your holiday accommodation - especially if your options are limited to electric heating or LPG.

Ground source heat pumps extract solar heat from the earth using pipes buried underground or submerged in water. This heat is converted to a higher temperature by the heat pump to provide all of your accommodation's heating and hot water needs; ideal for holiday lodges, chalets and cottages, as well as shower facilities, swimming pools and even hot tubs!

And thanks to a guaranteed Government scheme – the Renewable Heat Incentive (RHI) – holiday property owners receive a generous and profitable income stream for the renewable heat their ground source heat pumps generate, so you get paid for keeping your guests warm and happy, and we keep your energy bills down!

## Benefits to you:



- ✓ Clean, safe, reliable renewable heating;
- ✓ Save over 50% in heating & hot water bills;
- ✓ 20 year income stream through the RHI;
- ✓ Reduce CO<sub>2</sub> emissions by up to 60%;
- ✓ Provides 100% of your heating & hot water requirements;
- ✓ Virtually maintenance free with 20 year operational lifetime;
- ✓ Payback in 8-10 years;
- ✓ No more fuel deliveries;
- ✓ No visual or audible impact;
- ✓ Scalable and quick to install.

# Get paid to save

See how ground source heat pumps can reduce your energy bills, generate income and improve your accommodation's green credentials.

## REDUCE ENERGY COSTS

Ground source heat pumps harvest 'free' heat from the ground to deliver heating and hot water all year round. They are significantly cheaper to run than electric and LPG systems - great for off-gas grid areas!

Typical annual savings  
versus electric heating

**£450**

for each property

## GENERATE A PROFITABLE INCOME

The Government rewards ground source heat pump installations by paying commercial system owners for the renewable heat they produce through the Renewable Heat Incentive (RHI) scheme - for 20 years!

Typical RHI income  
over 20 years

**£13,000**

for each property

## IMPROVE YOUR ECO STATUS

For every 1kW of power used to run a ground source heat pump, 3-4kW of heat are produced, so your primary energy consumption and carbon footprint are significantly reduced - and no more fuel deliveries!

Typical annual savings  
versus electric heating

**2.4tCO<sub>2</sub>**

for each property

## Perfect for existing & new builds

Low maintenance ground source heat pumps produce up to three times more energy than they consume.

The significant energy cost savings – especially compared with electric and LPG heating – coupled with the income from the Renewable Heat Incentive (RHI), means you can expect:

- Payback in 8-10 years.
- Healthy profit and ongoing energy bill savings for the remainder of the 20 years of the RHI.
- Exceptionally low running costs.



# Dig in to Ground Source Heat Pumps

Enjoy free heat, a guaranteed income and peace of mind

Ideal for existing or new build one-off or multiple holiday accommodation, Kensa's ground source heat pump solution provides each property with a complete renewable heating and hot water system, delivering 100% of the property's needs all year round, at a fraction of the cost of electric or LPG heating.

Attracting 20 years of RHI payments, ground source heat pumps also provide a guaranteed income. Better still, the RHI payment for a Kensa ground source heat pump (9.36p/kWh) is far more than the cost of running the heat pump (~4.3p/kWh), so even when your rental is unoccupied it will generate a profit for maintaining an ambient temperature, whilst reducing long term maintenance issues like damp.

Ground source heat pumps offer flexible and scalable, quick to install solutions. Where multiple properties are close together they can share a ground array and heat source; single units can simply have their own. Ground source heat pumps are extremely quiet, reliable and durable, requiring no annual safety inspection and little ongoing maintenance. Once installed the ground array is invisible - your guests won't know they're there! Ground source heat pumps are also exempt from planning permission.



## What is a Ground Source Heat Pump (GSHP)?

A GSHP transfers solar energy stored in the ground (or other heat sources) and upgrades this to a higher temperature to provide all the heating and hot water a property needs.

GSHPs are powered electrically, yet output 3 or 4 times more energy than they consume, making them highly efficient.

## What is the Renewable Heat Incentive (RHI)?

Government introduced the RHI to encourage the installation of renewable heating systems, helping to reduce the UK's carbon emissions.

Holiday properties qualify as commercial installations, so the Non Domestic stream of the RHI provides quarterly payments for 20 years to the property owner for heat produced by the ground source heat pump.

## What are 'heat sources' and how are they used?

Heat sources are all around you; soil, rock, and water. Heat sources constantly absorb solar energy.

Ground source heat pumps extract energy from heat sources via ground array pipework buried in trenches (slinkies), installed vertically (boreholes), or submerged (pond mats), to provide free heat and hot water—and the ground array lasts 100 years!



### Shoebox Series

The ultra-quiet and ultra-small Shoebox heat pump is installed inside the property. Ideal for holiday lodges and chalets.



### Evo Series

The Evo is ultra-efficient and features a touch screen control for live status reports and easy set-up. Ideal for larger or older holiday properties.

## How does your heating compare?

	Ground Source Heat Pump	Electric	LPG
Running cost p/kWh	£0.04	£0.15	£0.06
RHI payment p/kWh	£0.09	£0	£0

30% electrical energy used to run the heat pump



70% free renewable energy from your land, which the RHI pays you for!



Kensa Heat Pumps is the UK's leading manufacturer and supplier of ground source heat pumps (Est. 1999).

Together with Kensa Contracting, a specialist in-house installation division, Kensa delivers a full turnkey solution for heating systems.

## START YOUR JOURNEY AT

[www.kensaheatpumps.com/holiday](http://www.kensaheatpumps.com/holiday)

## GET IN TOUCH

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