

HEAT PUMP KEEPS NEW CATTERY WARM



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PROJECT DATA

Installation of WPF10 Ground Source Heat Pump and 17 x 225W Solar PV panels
Bromley Hayes Cattery
Lichfield
Staffordshire

INSTALLER

Green Source Renewable Energy Systems
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SOLAR PV INSTALLED ON CHALET ROOF



CATTERY INVESTS IN GROUND SOURCE HEAT PUMP AND SOLAR PV SYSTEMS

A NEW luxury cattery in Staffordshire has installed a green energy system to keep its feline residents warm.

Bromley Hayes Cattery in Lichfield is using a Ground Source Heat Pump and solar photovoltaic (PV) system from specialist manufacturer Stiebel Eltron, in a bid to be eco-friendly.

West Midlands installation firm Green Source Renewable Energy Systems (GSRES) worked closely with Stiebel Eltron and the cattery owners to complete the project, which will provide heating and electricity to a collection of purpose built chalets for cats.

Stourbridge based GSRES visited Bromley Hayes Cattery in November to advise owner Wayne Bull – who is a registered electrician – as to which renewable equipment was suitable and where it should be installed.

Mr Bull, who owns the cattery with his wife Julia Allsopp, also owns Bull Plant, Plant Hire and Property Maintenance Company.

Wayne Bull, Cattery owner

"We already had underfloor heating in our home, which is very near to the new cattery chalets - so that also now runs off the Ground Source Heat Pump"

Mr Bull installed a Stiebel Eltron ground source WPF10 heat pump, applied through a trench system, to provide heating to the cattery. He also installed under floor heating and 17 x 225-watt PV panels to the property which will provide electricity.

Under the government's Feed In Tariff scheme Mr Bull will also get 43p cash-back per kW hour of electricity generated."



He said: "Green Source Renewable Energy Systems came to do the original leg work and they also commissioned the equipment through their MCS registration.

"Both Green Source Renewable Energy Systems and Stiebel Eltron who supplied the products were extremely helpful and invited me along to a training day at the Green Energy Training Centre in Bromborough, Wirral.

"The training really enabled me to understand the process better and to learn more about the theory side of installation as well as the practical side.

"My wife Julia and I already had underfloor heating in our home which is near to the new cattery so that now also runs off the ground source pump."

Stiebel Eltron is one of the world's leading renewable energy products manufacturers.

Its Midlands Specification Manager Chris Johnson said: "A growing number of land owners are looking to meet green standards and for customers such as Mr Bull with a large area of land, ground source heat pumps are a good solution.

"In the long term heat pump systems will save energy and reduce the large fuel costs that are inevitable with running a large outdoor area such as a cattery."

Bromley Hayes Cattery opened in January and includes 21 outdoor cat pens, each able to house four cats.



>> "FOR CUSTOMERS WITH A LARGE AREA OF LAND TO USE, GROUND SOURCE HEAT PUMPS ARE AN EXCELLENT RENEWABLE ENERGY SOLUTION"

CHRIS JOHNSON, STIEBEL ELTRON <<

