

### Key Project Details

#### Installation Date:

September 2017

#### Property Type:

Barn Conversion

#### Product Installed:

IVT Greenline HE C6

#### Distribution System:

Underfloor Heating

#### RHI Returns:

£12,591



## Barn conversion project with an IVT Greenline HE Ground Source Heat Pump providing a complete heating and hot water solution.

Herefordshire resident Mr Day called upon the experience and expertise of Alto Energy to design, supply and commission a 6kW IVT Greenline HE Ground Source Heat Pump for his barn conversion project. Good insulation levels; underfloor heating throughout; and plenty of land in which to dig trenches were all significant factors in his decision to choose Ground Source Heat Pump technology.

IVT is a Swedish manufacturer owned by the Bosch Group, with decades of experience manufacturing the very highest quality heat pumps throughout Europe. Their Greenline range is widely installed throughout the UK with over 8,000 Ground Source Heat Pumps in operation.

The IVT Ground Source Heat Pump supplies all of the heating and domestic hot water required in the property, all year around, meaning there is no need for any kind of fossil fuel boiler. This was a crucial factor in Mr Day's decision to install a Ground Source Heat Pump. He also cited the elimination of any carbon monoxide risk, no requirement for flues, and the general low maintenance afforded by heat pumps as further reasons behind his decision.

In addition to the very low running costs of the Ground Source Heat Pump, Mr Day will also receive approximately £13,000 in grant payments over the next seven years from the Renewable Heat Incentive. This Government incentive scheme rewards homeowners and self-builders for reducing their carbon dioxide emissions by investing in renewable heating technology.



### Customer Q & A

#### What benefits do you feel your renewable energy system has afforded you?

"No buying of fossil fuels  
No carbon monoxide risks  
No drafts in building for flues  
Easy monitoring with smart meter"

#### How have you found living with your system?

"Extremely easy to operate, fully automatic"

#### What has the service been like from Alto Energy?

"Very good service"

#### Would you recommend Alto Energy to others?

"Yes"