

Frampton-on-Severn Housing

Ten council homes in Frampton on Severn have had ground source heat pumps installed as part of the Solid to Sustainable scheme from the Stroud District Council. Ground source heat pumps draw heat from under the earth, in this case through pipes in boreholes 80m deep, and use it to warm the home and water.

The residents will go from having the most carbon intensive form of heating to a much more environmentally friendly system. According to the Energy Saving Trust, installing a ground source heat pump will cut carbon emissions from a coal burning home by 6.5 tonnes, saving it £350 a year.

This scheme benefited from EarthEnergy Limited’s HeatGen™ solution which has been developed to offer a complete standardised package to social housing providers, guiding them through the straightforward

specification and financing of heat pump installations in new-build and retro fit properties, for a fixed price.

The package has grant funding available from either Low Carbon Buildings Programme Phase 2 or CERT and can provide match funding through asset leasing.

This initiative has the potential to unlock the installation of thousands of heat pumps into the countries existing housing stock, particularly where mains gas is unavailable, addressing the need for Decent Homes and working towards the elimination of Fuel Poverty whilst also reducing running costs and CO2 emissions.

Ground loop Type	Boreholes
Heat Pump	10Nr Dimplex SI5ME
Client	Stroud District Council
Commissioned	March 2009

