

Trust us with your heat network

Our ground source heat networks

Reduce carbon emissions

80% less carbon intensive than natural gas, ground source heat pumps offer a greener alternative.

Asset value enables affordability

Our networks are funded by Last Mile who adopt and maintain the network.

One provider for all utilities

Streamline the design, build and adoption process. Save time and reduce cost by having one supplier for your heat, electricity, fibre, water and wastewater.

Flexible, bespoke solutions for each development

- Option for energy centre (centralised) or heat pumps within homes (decentralised) depending on size of development
- Choice of heat pump manufacturer
- Boreholes can be drilled in a location that best suits the development layout

Regulation ready

As the Network owner our heat networks are heat trust accredited positioning us strongly ahead of the imminent Ofgem regulation.

This ensures we operate to high standards to provide the best experience for our customers.

Ongoing ownership and maintenance of networks

Once energised, Last Mile Heat adopts and maintains the network. This ensures 24/7 monitoring and maintenance, customer service and billing.

Simple tariffs for homeowners

Stable bills, transparent tariffs and easy monthly payments

Fixed monthly fee for decentralised networks

Standing charge plus usage fee for shared energy centres

Individual heat pumps

(decentralised network)

This ground source heat network uses a decentralised system where individual internal heat pumps are supplied with ambient energy from a shared ground source. This provides flexible, efficient and targeted heating and cooling within each building or home.

Find out more

Central energy centre

(centralised network)

This ground source heat network incorporates an energy centre within the development.

Heat is generated using energy from the ground, and fed into thermal stores housed in an energy centre. Hot water is then distributed efficiently to buildings and homes via internal heat interface units.

Find out more

Every network...

Reduces carbon emissions and lowers energy costs, compared to gas.

Ensures consistent, sustainable heating and cooling all year round.

Harnesses ambient heat from the ground.

Individual heat pumps

(decentralised network)

1. Pipework is inserted into the boreholes and connected to each property creating the ambient loop. Ambient heat is harnessed from the ground ensuring heat, hot water and cooling is provided for each dwelling.
2. Each property is connected to the network with individual heat pumps, raising the temperature of heat from the network to deliver heat and hot water.
3. We maintain the centralised system and all parts of the network up to the property boundary.

Borehole information

Boreholes can be placed in any footway, carriageway or green space. They can be spaced from as little as 6 metres apart and be up to 200m deep.

Central energy centre

(centralised network)

1. Pipework is inserted into the boreholes and transfers geothermal heat to a central energy centre.
2. The energy centre houses thermal stores and heat pumps to bring the ambient temperature up to 70+ degrees Celsius.
3. The energy centre requires an electrical load, however this is less than the load required for air source heat pumps, helping tackle grid challenges.
4. The hot water that is generated is distributed to individual dwellings via a network of pre-insulated pipes.
5. A heat interface unit, similar in size to a gas boiler, takes the hot water from the network and controls all heating and hot water for each property.
6. We maintain the centralised system and all parts of the network up to the property boundary.

Borehole information

Boreholes can be placed in any footway, carriageway or green space. They can be spaced from as little as 6 metres apart and be up to 200m deep.