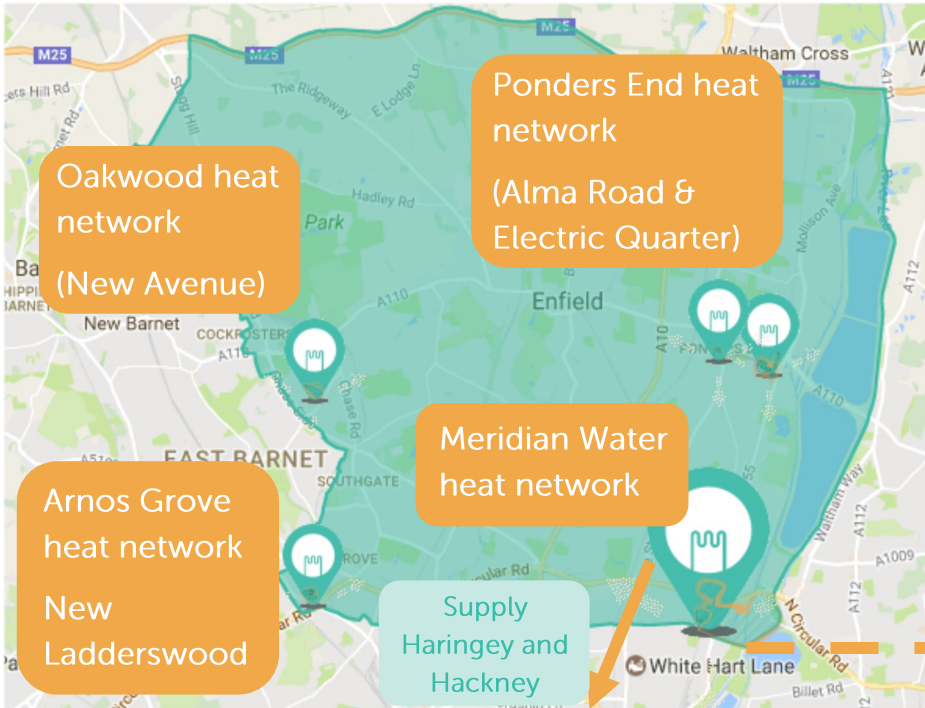


energetik

Energetik  
2020/2021 update

ener

Lee Valley Heat Network Operating Company Ltd t/a Energetik  
B Block South, Civic Centre, Silver Street, Enfield, EN1 3XA  
[www.energetik.london](http://www.energetik.london)



## Our vision

is to revolutionise the local energy industry and be the supplier to trust

## Our mission

is to provide better value energy that's reliable and environmentally friendly

Supply capacity for 50,000+ homes in 2026 across Enfield and beyond

## Our values

### Better value

We don't charge a premium for low carbon heating, it's just the way we do things. Our charges are stable, and we are honest about our tariffs.

### Better customer service

We don't believe in making promises we can't keep. We are honest in our communications and the way we operate.

### Better for the environment

It is vital to us that we make best use of the

resources available, and supply low-carbon energy that improves air quality.

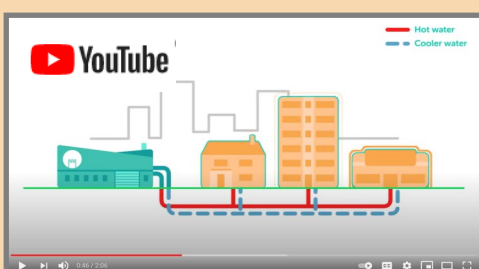
### Better for the local economy

We're providing an adaptable low carbon infrastructure that supports the Borough's regeneration ambitions. This helps to create a positive environment to attract new businesses to Enfield.

### Better for people's health

Our networks support improvement in public health and the homes that connect are warmer and more efficient.

To better understand how our heat networks operate, click below to watch short video summaries.





# Energetik's achievements

## Over the past year...

**We have more than doubled our customer base.**

**We have successfully executed the Heat Supply agreement** with the North London Waste Authority and London Energy limited, securing a low carbon heat supply for up to 50,000 homes.

**We have successfully secured a second HNIP bid on behalf of the council to further extend Energetik's Meridian Water heat network.** This funding will allow us to further extend our networks to serve more of Enfield and beyond.

**We received grant funding from both the Greater London Authority (GLA) and from the Enfield Council (LBE) to undertake two pilot retrofit schemes in Ponders End.** These strategic retrofit trials will provide key insights for future connection opportunities at scale that will provide a promising path towards carbon reductions throughout the UK.

**We received grant funding approval from the GLA** to cover an increase in pipe size to support a bulk supply to Haringey and Hackney. This funding is part of the Mayor's Green New Deal that aims to provide economic stimulus for London's green economy.

## Our plan for the year

### Meridian Water heat network

This year, we will continue with construction of the Meridian Water energy centre and heat network, which will be ready to serve customers by the end of 2022.

Following funding approval for our network extensions, we will prepare and commence the extension works.

### Future connections

With the help of Enfield Council and GLA funding, Energetik are undertaking retrofit pilot projects to install district heating infrastructure into existing homes along South Street in Ponders End.

These projects will help establish the viability of rolling out larger scale retrofit schemes across Enfield and London. These initially small projects will identify the challenges, costs, benefits and improvements that can be made and will hopefully help pave the way to larger retrofit projects in the future.



In line with government policy, we're helping Enfield deliver its carbon objectives :

**92.3% carbon reduction**

in our customers' footprint for heating compared to an individual gas boiler\*

**60.3% carbon reduction**

in our customers' footprint from heating compared to a heat pump alternative\*

**758,540 trees**

Is the equivalent number of trees that would have to be planted to offset the same amount of CO2 that will be saved by Energetik's heat networks



Over the lifetime of our 40-year business plan, Energetik's Nitrous Oxide offset will be equivalent to removing

**119,934 cars** from circulation



\*When connected to the ERF in 2026



### Did you know...

...Heat networks will play a major role in the long-term decarbonisation of heating in the UK, supporting the UK's ambitious targets to reach net zero by 2050.

To achieve the UK national carbon reduction targets, around 18% of UK heat will need to come from heat networks by 2050 if the UK is to meet its carbon targets cost effectively.

This is why the government has already invested £39m into the development of the Energetik heat network via the Heat network Investment Project (HNIP).

The GLA has also invested a total of £1.2m into the heat network development by funding an extension into the neighbouring boroughs of Haringey and Hackney as well as a retrofit pilot project in the Ponders End area.

### We're futureproof....



### Plug and play technology

Heat networks are fuel agnostic and can make use of heat from multiple sources. This makes them future proof. We're going to make use of waste heat whilst available to socialise the benefits derived from this otherwise unused resource. Given the advances in technology seen in the last 15 years, the future of heat generation may look very different. What we do know is that we can switch heat sources quickly without the need to change equipment in tens of thousands of connected properties (such as replacing gas).