

Networked Heat Pumps: delivering zero carbon heat for low density housing

The solution for housebuilder's electricity grid capacity constraints



John Marsh

Katy Taylor

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Install last mile utility networks
One-Stop-Shop
Gas / Electric / Water / Waste / Fibre + Heat Networks

Heat Network solutions Own / Operate / Customer Ofgem Regulated (2025) Home Energy Manager Improve heat pump efficiency Grid balancing &
Flexibility
Virtual Power Plant

Design & Install

Adopt & Operate

Smart Businesses

- **BUUK** deliver / own regulated utility 'last-mile' networks for new homes
- Electricity, Gas, Water, Wastewater, Fibre, Heat and Cooling
- Own and operate networks on 48,000 sites with 3 million connections,
- Connect 4,000 / week
- Investment Grade Baa2 credit rating
- Owned by Brookfield Asset Management > \$825 billion assets worldwide

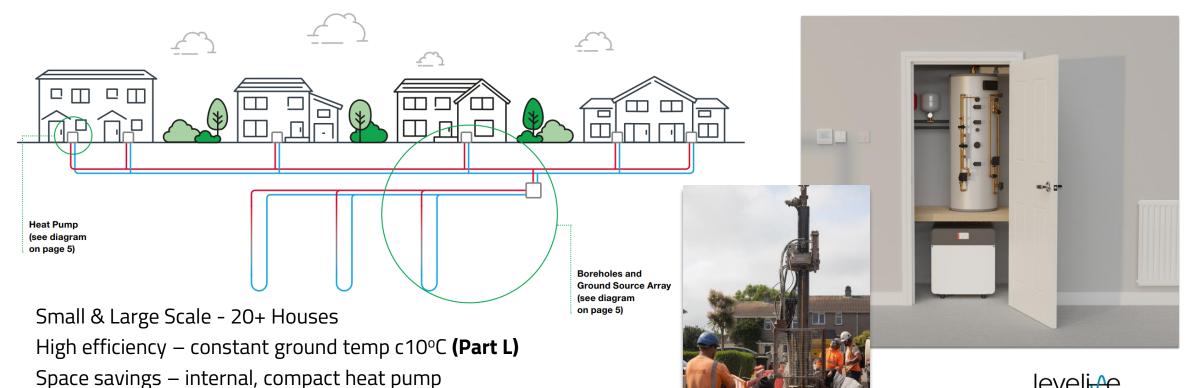
- **Metropolitan** experienced heat network specialist
- 12 years of experience, including Design / Build / Own / Operate
- Sites include King's Cross and Wembley Park
- 10,000 connections / customers now 30,000 at full build
- Metering / billing, customer service Cardiff Contact Centre
- Ofgem regulated (ready for 2025)

Ground Source Heat Pumps

Lower bills & hassle-free for homeowners

Passive Cooling capability (Part 0)





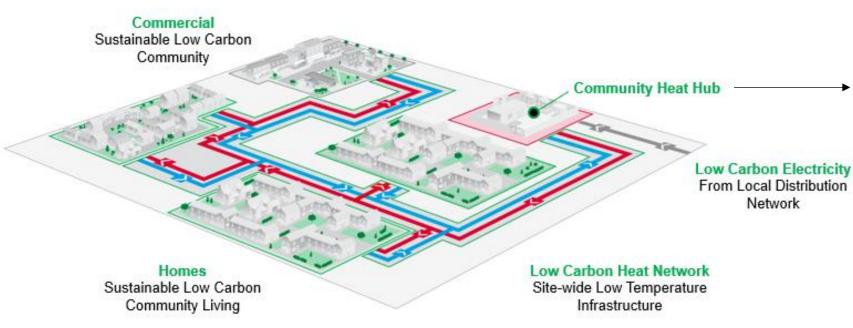
GTC Smart Home:

- Passiv Smart Thermostat
- Access to Levelise grid flexibility
- To further reduce energy costs for homes

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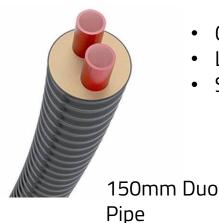


gte Community Heat Hub





Chilton Woods Sudbury



- Centralised Commercial ASHPs with thermal storage
- Low Carbon MDPE pipe heat network alternate to gas network on housing sites
- Space Saving & Lower cost for house builder (v. ASHP in every home)
 - Reduces Capacity Constraints load management
 - Lower bills & hassle-free for homeowners
 - Gas Heating user experience instant heat
 - Delivers Co2 targets for Building Regs / FHS



HIU In each Home