



Low-Carbon Living at Square Roots Hendon

Square Roots Hendon is a new 236-home development in Barnet centred around low-carbon, high-efficiency heating. The scheme is supplied by 12 air-source heat pumps, estimated to be three times more efficient than an equivalent gas-based network, and is supported by the KURVE PAYG digital platform, delivered by Insite Energy.

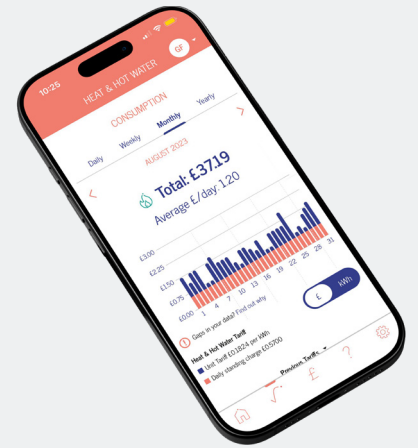
👤 Square Roots, London Square 🏠 236 homes
📍 Barnet, London 📶 Wired

The Challenge

As a growing London housing provider, Square Roots faced a familiar problem: How to combine low-carbon housing with a seamless, transparent energy experience for residents. Key pressures included:

- ✓ Ensuring residents could easily manage and understand their heat network usage.
- ✓ Keeping operating costs down amid rising energy prices.
- ✓ Meeting the Greater London Authority's expectations around heat pumps, low-carbon homes, and alignment with the Future Homes Standard.

Square Roots needed a metering & billing system that gave residents transparency, control, and confidence.



“ It's essential we get the best value for money for our customers when procuring services on their behalf. KURVE's high-tech, user-friendliness hits exactly the right spot, by helping customers manage costs and reduce their environmental impact without compromising on service. ”

Barbara Richardson - Managing Director, Square Roots



The Solution

To meet both sustainability goals and resident experience expectations, Square Roots introduced the KURVE PAYG web-app, enabling households to manage their energy account from any device and monitor usage in real time.

Integrated with the development's renewable-first heat network, **powered by 12 air-source heat pumps**, estimated to be three times more efficient than gas boilers, KURVE gives residents clearer insight into both their consumption and costs.

The digital PAYG model has also been shown to help **reduce energy bills by around 24%** compared to traditional credit billing, supporting Square Root's aim of delivering affordable, future-proof living.