

## ACCURATE & COST EFFECTIVE HEAT METERING AND BILLING PLATFORM

### CP1 requires a metering strategy and selection of heat metering, prepayment and billing systems that are accurate and cost effective.

Traditional in-home display infrastructures add significant capital costs, incur replacement expenditure (REPEX) and typically require upgrading every 10 years. Such infrastructures also tend to be proprietary to the billing host.

To avoid these issues, the KURVE Smart M-Bus & Web energy metering and billing platform was selected for Lotus Trident's prestige development in Mitcham.

The KURVE platform uses the building's hardwired M-Bus network for two-way communication with the resident's HIU energy meters, and communicates energy data and payment functionality to residents across the web.

For credit control purposes, KURVE can send a signal via the M-Bus network to close off the HIU heating supply valve, minimising energy debt. KURVE's low hosting costs, and open protocol M-bus network also ensures residents are not locked into KURVE.



By showing near real-time energy consumption, KURVE helps residents understand and better manage their in-home temperature controls.

## A HEAT NETWORK FOR LONDON'S CLIMATE ACTION PLAN

The expansion of Greater London has had a profound effect on the small towns and villages surrounding the city. Mitcham is one of those towns that has joined this ever-expanding London collective. In recent years Mitcham has become a popular commuter town due to its proximity to London.

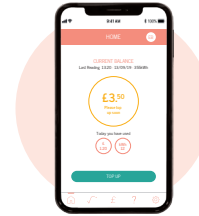
To meet the increasing demand for new residential housing, developer Lotus Trident created Greenside Views, an 89-unit development of one, two and three-bedroom homes, served by a heat network and specifically designed to meet the needs of young professionals and families.

## CREDIT CONTROL OPTIONS

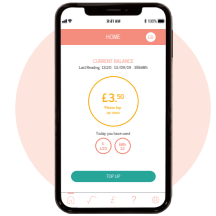
KURVE's credit control heat disconnect facility is either automatic **Pay As You Go**, or at the discretion of the heat supplier, **Credit As You Go**.

Lotus Trident chose the PAYG option which gave all residents the ability to access their consumption history and make payments quickly wherever they are 24/7/365. Industry experience indicates that installing a PAYG solution over credit billing can cut energy consumption by 10% in the first year, and 20% in the second year.

If a resident does not have a mobile device available, alternative vulnerable customer support can be provided. In any case there is little investment needed for metering hardware.



**OPTION 1**  
Pay As You Go



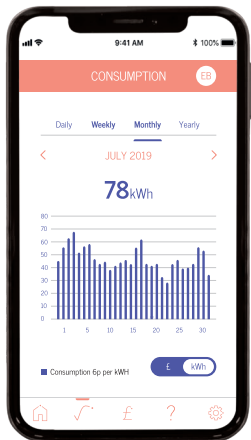
**OPTION 2**  
Credit As You Go

## GREENSIDE VIEWS, 89-UNIT - KURVE'S CAPITAL COST SAVING

Looking at the cost of hardware and installation for each metering solution presented to Lotus Trident, KURVE achieved an average saving of 60% or £33,000 across the site.

"The savings are genuinely impressive. The real value to residents lies in the fact they can easily access their energy usage data and manage their account anywhere, from any internet device."

- Arjun Shah of Lotus Trident



## KURVE IN ACTION

Analysis of data collected from Greenside Views showed that the most viewed page on the KURVE App is the consumption page, accounting for over 47% of all visits.

For further information about KURVE please call us on **020 3696 4977** or visit [www.kurve-tech.com](http://www.kurve-tech.com)

