



Helping you measure
today so you can
manage your tomorrow



Take control of your properties
by making sense of your energy
Sub-metering solutions for landlords and residential customers



The more you know about energy usage in your properties, the more you can look for energy-saving opportunities

The demand for greater control, management and understanding of energy consumption for the property portfolios of today's landlords, fuelled by increasing energy costs and environmental pressure has driven the demand for intelligent "smarter" metering.

This together with ever more sophisticated monitoring and reporting tools has empowered business owners, enabling them to make informed energy management decisions.

Sub-metering offers the ability to monitor energy usage for individual tenants to account for their actual energy usage. With sub-metering, a clear and accurate picture of how and when energy is being consumed inside a property is created.

CTS Energy Services specialise in the delivery of multi-utility MID approved, sub-metering installations in addition to data logging and delivery services that fully integrate with established fiscal systems to enable the effective management of energy consumption.

Only when you understand today can you influence tomorrow

Installing sub metering will not save energy on its own. However a carefully designed metering strategy will provide landlords with the data they need to make informed decisions based on how and where energy is being consumed.

Together with our Aspects energy monitoring software solution and reporting tools, this helps empower landlords, enabling them to make informed energy management decisions.

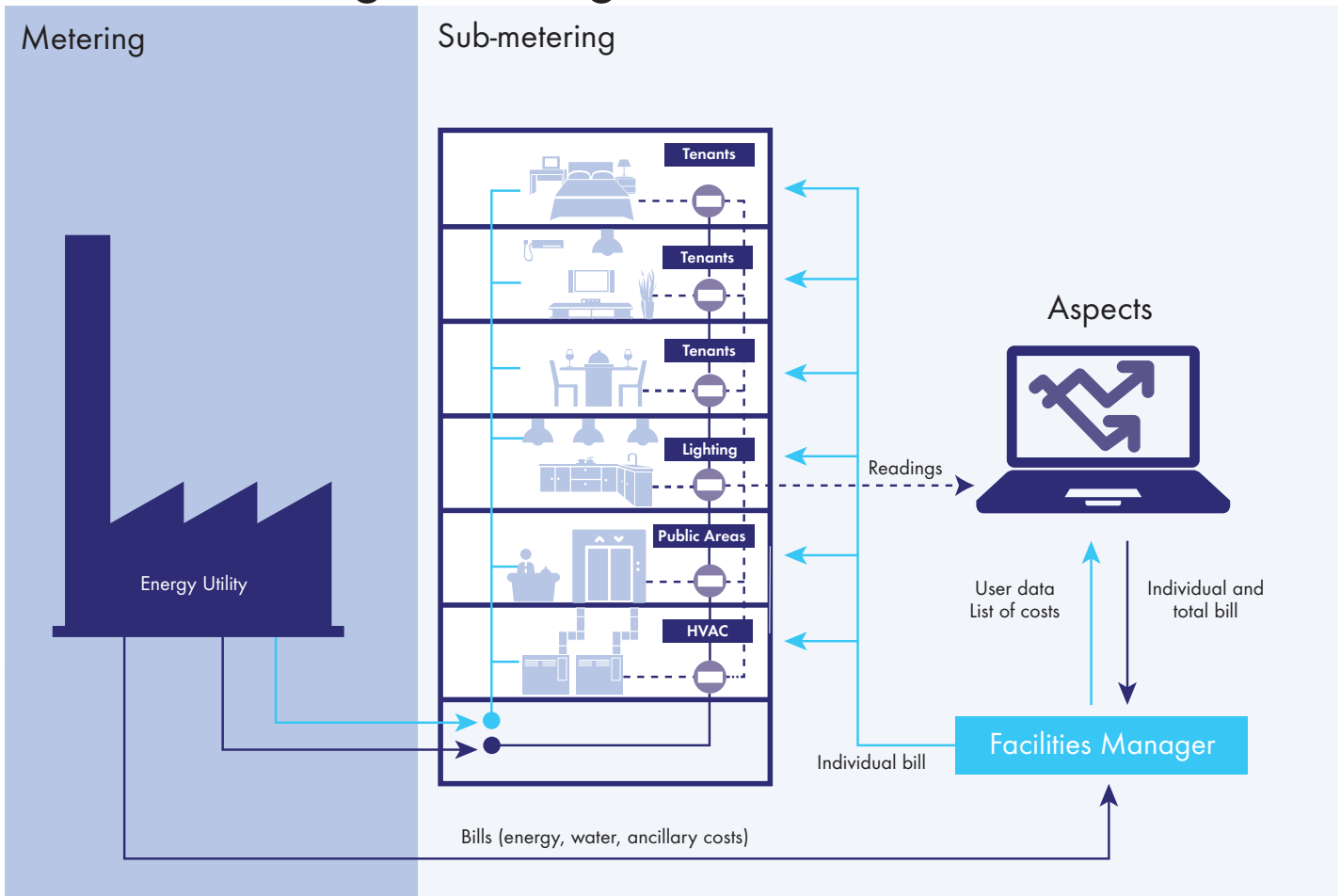
Metering strategies.

Landlords seeking to take control of energy consumption can take their energy management program to the next level by implementing sub-metering as part of their plan.

Sub-metering applications.

- Billing and recharging.
- Performance tracking, reporting and benchmarking.
- Facilities, carbon and energy management.
- Fault detection and enabling technical insights.
- Motivating operational improvements.

How we bring it all together





Benefits for landlords:

- Energy management.
- Tenant billing.

Benefits to the public sector

- Energy management.
- Sub-let billing.
- Cost saving.

What can be sub-metered?

A key element of today's sustainable building management system, sub-meters acquire and transmit a variety of energy data parameters for analysis and reporting through the BMS for common area cost allocation, fair and accurate tenant billing, power factor penalty identification, utility meter shadowing and other energy-saving capabilities of tangible value to the facility's operational bottom line.

The level of profiling needed by high-volume energy consumers is simply unobtainable using the standard utility meter found at the main electrical service entrance. That's why growing numbers of facilities are using sub-meters to help identify opportunities to reduced energy costs.

We supply a variety of sub-metering solutions across a range of utilities.



Monitoring electricity consumption using sub-meters is the first step in understanding where to save money and reducing your carbon emissions. Learning which appliances are taking the most power can lead to 20-25% savings in your electricity bills.



Gas is regularly metered where it is a main supply but sub-metering gas and monitoring down stream gas flow rate alongside consumption at individual zones is a proven method to help in conserving energy.



Installing water sub-meters can arm you with a detailed view of water use over your site, helping you manage consumption. Water sub-meter installation provides you with a valuable breakdown of water use across a site.



Typically compressed air uses more electricity than any other type of equipment in a production plant. By measuring compressed air consumption, leaks can be identified and dealt with immediately, it can ensure the correctly sized compressors are being used in the best places, at the right times, and it can reduce the overall plant consumption.



The objective of steam metering is to measure energy flow, just like gas and electricity it will allow the identification of usage and trends. Knowing your steam measurements will allow you to make informed decisions on usage which can impact on the fuel used to raise the steam. By metering the flow of steam into specific areas, energy costs can be monitored more closely.



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