



This company meets the
highest standards of social
and environmental impact

MONITORING & TARGETING (M&T)

A SIMPLE GUIDE TO UNLOCKING
ENERGY SAVINGS AND
CUTTING **UNNECESSARY SPEND**

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A word from Joe Wright, our Managing Consultant (Energy)

“ Monitoring & Targeting focuses on the heart of energy management: the data itself.

When you understand where, when, and why energy is used, you can cut waste, improve performance and unlock savings. ”



Monitoring & targeting at a glance

(M&T) is a **systematic approach to tracking energy consumption** so you can identify waste, optimise operations, and reduce costs. At its core, M&T helps you **collect, analyse, and act on data** to drive continual improvement.

You can expect:



COST SAVINGS

Identify inefficiencies and avoid unnecessary spend.



OPERATIONAL INSIGHT

Understand what's happening and when.



COMPLIANCE

Meet legal and corporate obligations confidently.



CARBON REDUCTIONS

Contribute to Net Zero and sustainability goals.



The key stages of Monitoring & Targeting

WHAT YOU CAN EXPECT STEP-BY-STEP



1. Collect accurate data: Start with what you have: Half-Hourly (HH) data, monthly bills, submeters, automated meter readings (AMR), whichever is readily available to you. If you can, focus on Half-Hourly (HH) data – it's the most powerful tool in your energy management toolkit.



2. Analyse it: Look for trends, anomalies, and baseloads. You can benchmark against typical days, degree day data, occupancy, or production data.



3. Report findings: Summarise insights clearly, especially for non-technical stakeholders. Use visuals such as daily profiles, heatmaps, or graphs depicting consumption vs. output, or equivalent.



4. Make adjustments: Turn insights into action. Optimise timers, correct errors, adjust controls, or influence behaviour.



5. Repeat: M&T is a **cycle**, not a one-off project. Build it into regular reviews (ideally automated).

What data do you need?

Ideally, **half-hourly (HH)** data, but our experience tells us you can make good progress with monthly invoice data, too.

Coming soon...

Market-wide Half-Hourly Settlement (UK)!

By 2027, all meters will be HH capable.



HH Data – Understanding its power

If you're not using **HH** data yet, or not using it effectively, you're likely missing out on significant energy savings.

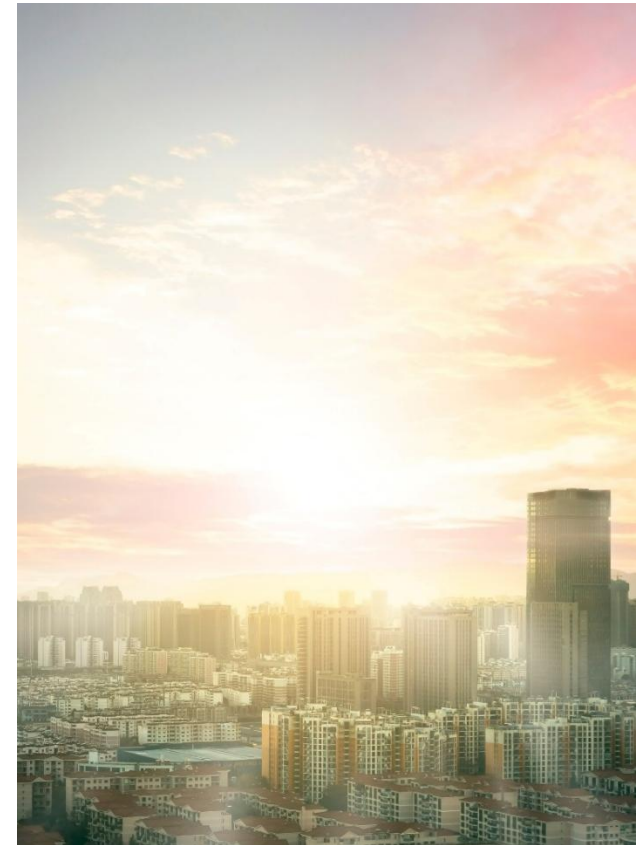
HH data provides you with:

GRANULAR INSIGHTS: 48 data points per day per meter.

COST CONTROL: Align consumption with your operational hours to reduce costs.

REAL TIME VISIBILITY: Detect inefficiencies as they happen.

TREND ANALYSIS: Spot seasonal patterns and anomalies.



The key benefits of using HH data



Identify wasted energy

- ✓ Pinpoint out of hours usage.
- ✓ Detect equipment left running overnight or at weekends.
- ✓ Highlight abnormal spikes in demand.



Set intelligent targets

- ✓ Use real data to create realistic and achievable benchmarks.
- ✓ Adjust targets seasonally and operationally.



Track performance over time

- ✓ Compare daily, weekly, and monthly usage.
- ✓ Validate savings from energy saving projects.
- ✓ Identify areas for improvement.



Improve stakeholder engagement

- ✓ Use clear visuals from HH data to communicate with staff and leadership.
- ✓ Build awareness and support for energy saving initiatives.

How to tell if you already have an HH meter

01 INVOICES ARE A CLUE

Look at your MPAN on your invoice. You will have a profile class number. If it starts with “00”, it is a half-hourly meter.

02 USAGE TRENDS

Check your usage. Businesses and large energy users often have them installed. They are quite common for sites with demand over **70 kW** (voluntary HH).

03 LEGAL REQUIREMENTS

HH meters are **mandatory** for sites with a peak demand over **100 kW**.

04 ASK YOUR SUPPLIER

05 ENERGISE CAN CHECK FOR YOU

Our top tips for getting started

1. ACCESS YOUR DATA

Request HH data from your supplier.

2. CHOOSE YOUR PLATFORM

Ideally, invest in a software tool. It will still be possible to use spreadsheets, but not ideal to rely on.

3. VISUALISE AND REVIEW

Review reports like heatmaps to identify usage throughout each day.

Compare with expectations based on true operational hours, shift patterns and other variables relevant to your organisation.

4. TAKE ACTION

Implement changes and track results.

PRO TIP

Pair HH data with **weather** or **production data** to determine what's truly driving energy use!

Getting started – your checklist



Obtain your data – This is available through your supplier.



Store it effectively – We recommend using energy software.



Implement regular reporting – In the interest of efficiency, automate it where possible.



Act fast on insights – Don't delay fixes.

Energise takes care of it

Our energy experts can support with all elements of monitoring & targeting, including storing all your data on a digital platform that you can access remotely 24/7.

This supports M&T, but will also help your compliance, so you can be ready for various mandatory schemes like ESOS or SECR.



CONFIDENCE

We have over **700 compliance programmes** under our belt, and we've achieved a **100% audit pass rate** over 15 years.



INSIGHT

With the latest in-depth knowledge on energy management, our consultants provide **comprehensive, bespoke analysis** to support you.



SAVINGS

£58m savings delivered to date, adding over £10m per annum.



CARBON

We delivered **over 650,000 tCO2e** of carbon savings and increasing by the day.

Why work with Energise?

We believe that business should be a force for good. That's why we walk the talk with sustainability, and everything at Energise is designed, purchased, and incorporated with people and planet playing at least an equal role alongside profit.

Our team of experts have the latest in-depth knowledge on energy management. We offer a comprehensive approach that guides you from understanding your current energy use to implementing targeted actions and tracking progress over time for your business and its portfolio to drive continuous improvements in energy efficiency.

More information on all supporting services is available separately; one of our colleagues will be happy to provide it.

OTHER CREDENTIALS



Energise has been rigorously tested and is very proud to have scored a solid 105.2 out of 200, compared to 50.9 for a typical business and the minimum of 80 needed to qualify.



Energise's science-based target has been diligently analysed and approved by the Science Based Targets initiative. We are very proud to join more than 1000 companies who are walking the talk on climate science.

Our customers





Our energy experts can set up any aspect of your m&t system, from obtaining your data to running the reports and delivering them to you automatically.

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