

Take control with Business Energy Intelligence

Before you can fully optimise your organisation's energy consumption, you have to really understand how it uses energy. Although reviewing energy data used to mean spending a lot of time gathering figures, poring over endless spreadsheets and getting to grips with complex systems, our Business Energy Intelligence solution brings all your data together effortlessly and uses a number of different techniques to make sense of it all.



Understanding requires intelligence

Business Energy Intelligence can help you to identify opportunities to save time, energy, carbon and money.

Remote monitoring online

Our online platform allows you to remotely monitor all your utility data by creating a wide range of reports for both long and short-term trend analysis. The system is easy to navigate and use. Because it's web based, you don't have to install any special software, just access it from your web browser. The interface is also optimised for desktops, laptops and tablets.

Its interactive data visualisations provide a detailed view of your consumption or energy usage trends, allowing you to assess your energy performance and to identify areas to make energy and operational savings.

The platform allows you to monitor properties in multiple locations and to set default parameters for each tool so you can see your reports at the click of a button.

You can customise each report view according to location, utility, unit and date, giving you full flexibility as you

view your data. The platform supports main, sub and calculated meters and is available 24 hours a day, 7 days a week giving you unlimited access to customisable key information.

You can also set up 'Energy Snapshots' on your home page which provide quick views of energy data, highlighting areas for further consideration.

A complete toolkit to understand your energy consumption

Business Energy Intelligence relies on a sophisticated set of tools that collect and analyse your energy data and provide the insights required to make energy saving changes.

Consumption

The Consumption report is perhaps the most crucial report in any energy management software. Users can plot consumption from electricity, gas, water, heat and even virtual meters, and compare it with consumption over multiple locations, time periods

or utilities. The tool allows you to drill down into the data and analyse in more depth – and visualise it using graphs and charts. This leads to quick identification of actionable intelligence of energy consumption, improving efficiency and cost effectiveness.

Contour Map

The energy Contour Map is an innovative and highly effective way of visualising meter consumption data. This report is best utilised for long-term trend analysis, identifying patterns, faults, exceptions and the direct impact of energy conservation measures.

Day/Night Split and Off-Peak

The ability to identify overnight energy wastage is important when devising an energy efficiency strategy. The Day/Night split report looks at multiple buildings, areas or zones to evaluate energy usage and cost during the day and then during the night. It can be tailored to suit user requirements and consumption over different



buildings and time frames, helping to set benchmarks for optimum energy usage during the day and night.

The Off-Peak report focuses on energy performance, specifically during the night, giving you a quick visualisation of night consumption abnormalities and identifying problems that need to be addressed.

League Table

League tabling is a simple and efficient way to identify over-spending by ranking the best and worst performers within a multi-site portfolio. It's a powerful tool providing a way of comparing multiple sites, regardless of location, size or brand and allows you to sort your data according to location, floor space, time-period and energy usage, meaning comparison and consumption abnormalities are easily identified.

Tariff

The Tariff report allows users to compare actual costs versus actual consumption using our tariff engine. It identifies the periods of time when energy usage costs the most (which are not always necessarily the highest usage periods) and exactly how much is spent during these periods. The data is displayed in a simple and efficient format

allowing users to take immediate action to implement energy conservation measures at high cost times.

Top Hat

Top Hat profiles are an effective way of analysing short-term trends, exceptions and overuse. This consumption data can be examined in weekly, daily and half hourly snapshots providing a clean graphical view of potential excess energy consumption over short periods, automatically calculated on the past energy profile. Half hourly snapshots can be compared on different dates and the report also overlays the outside air temperature to correlate weather with consumption. Potential wastage issues are colour coded to allow quick decision making helping you to save energy, time and money.

Alarms

We can also set two alarms which flag up issues that need to be addressed. The energy alarm flags uncharacteristic changes in energy usage. The data integrity alarm shows anomalous readings and data over a certain time period, which may indicate a fault in the data gathering chain. All alarms are centrally managed and can be sent by email to nominated recipients for immediate reaction.

Acting on intelligence

While the Business Energy Intelligence platform helps you to identify problems and exceptions with your energy usage, our Energy Management Centre is there to help you act on what you've learned.

Our expert data analysts review and interpret the information generated by your sites. They then advise on actions that need to be taken or, through an agreed set of processes, can assist in the implementation of the insights.

Our Energy Management Centre is staffed by energy engineers who have a deep understanding of Building Energy Management Systems (BEMS). They carry out their work remotely with very little expensive on-site labour required.

Remote energy manager

We can also support you by being your virtual energy manager taking on jobs, timescales and outputs as if we were one of your own members of staff.

Our team of analysts will make sure you get the most out of the monitoring and targeting software, interrogating the data to gain group expert thinking ideas rather than individual. It's a completely flexible service where the Remote Energy Manager's time can be allocated based on hours per week, day/s per month or right up to full time. Outputs include reports and/or meetings to deliver findings in presentation formats.

All of this can help drive your energy saving strategy and help you evaluate the effectiveness of energy conservation measures before deciding which options should be rolled out. Perhaps most importantly, our energy experts can help you make savings through smarter deployment while helping your business to save money and reduce its carbon footprint.

To find out more about how your business can benefit from Business Energy Intelligence, get in touch today.



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Energy Solutions