

GLOBAL
SMART ENERGY



Showing you when and where you spend money on energy

Measure, monitor and manage your energy with our intuitive cloud based portal that will help to reduce your utility costs and carbon footprint.

www.global-group.co.uk



Measure. Manage. Empower.

MeasureMyEnergy is the UK's leading circuit level energy management company.

Global Group, powered by MeasureMyEnergy, enable businesses to see *when* and *where* they spend their money on energy via our cloud based analytics platform.

Having this level of visibility allows businesses to uncover measurable and actionable insights to improve performance and reduce their bottom line.

We give you the empowerment to drive real change.



Itemise your energy use.

The MeasureMyEnergy energy management solution allows businesses to see in real-time detail - like an itemised bill - *when* and *where* they spend money on energy, shown in pounds and pence, from building to appliance level.

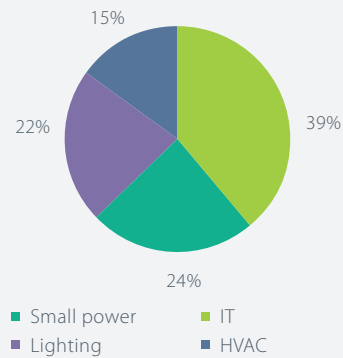


Account Number: 18263672x5
Invoice Number: 4862993177

Global Electrical Ltd
Office 3, Evans Business Centre,
Hampton Park West,
Wiltshire
SN12 6LH

Site Name: MME Southampton
Bill Date: 1 April 2016
Bill based on: Power Distribution Monitor
Bill Period: 1 - 31 March 2016

BILL ANALYSIS



Small Power

Ground Floor Sockets	£5.35
Demonstration Room	£31.98
1st Floor - Floor Sockets	£94.61
1st Floor - Dado Sockets	£183.67
2nd Floor - Floor Sockets	£22.65
2nd Floor - Dado Sockets	£172.59
Sub-Total	£510.85

Lighting

Ground Floor	£26.34
1st Floor	£251.52
2nd Floor	£201.41
Stairwells & Halls	£3.14
Sub-Total	£482.41

IT

Server Room 1 - Commando 1	£413.33
Server Room 1 - Commando 2	£223.97
Server Room 2 - Commando 1	£196.19
Server Room 2 - Commando 2	£2.20
Sub-Total	£835.69

HVAC

Server Room	£283.29
1st Floor	£11.36
2nd Floor	£27.34
Sub-Total	£321.99

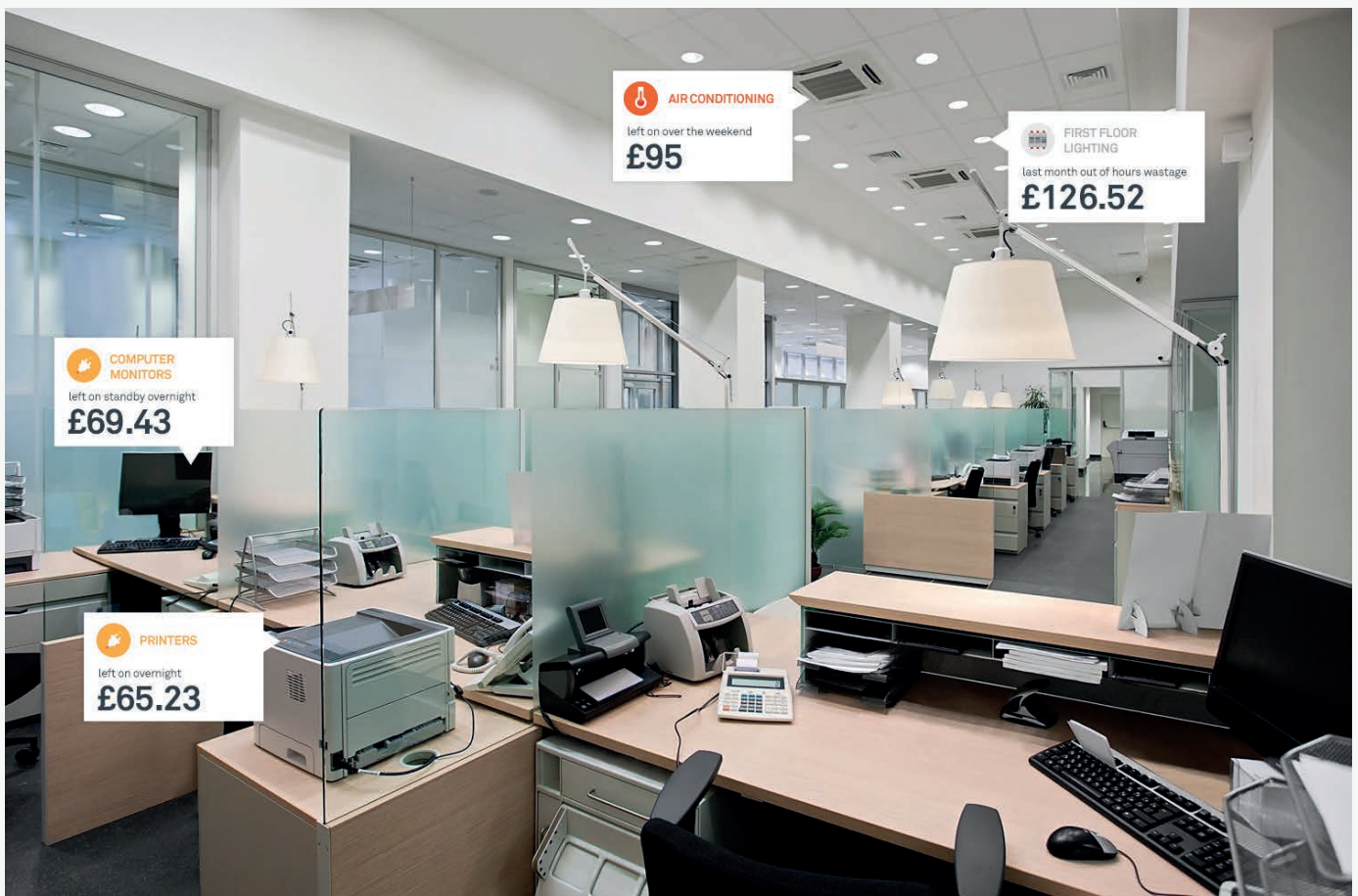
How We Calculated Your Bill

Total Electricity Used: 12057kWh @ 17.84p per kWh used	£2,150.97
Daily Standard Charge for 31 days @ 16.57p	£5.13
Climate Change Levy for 12057kWh @ 0.5416p	£65.23
VAT @ 20%	£444.27
Your total bill for this period	£2,665.60

What do we do?

MeasureMyEnergy is an all-encompassing energy monitoring solution for businesses of all sizes from SME's to Global corporations. We can measure any utility usage which is then immediately displayed on the intuitive energy analytics platform, giving you real-time readings of your energy activity.

Data is knowledge and we are obsessed with data. The platform enables you to drill down and look at specific circuits or appliances and compare historic periods. Having insight into this information allows businesses to optimise energy use and make dramatic savings.



Every day we help businesses reduce their carbon footprint, increase profits and have a better understanding of energy patterns within their buildings.

We help businesses, and their employees, to know as much as possible about where they can save energy, money and precious resources.

A GEM of an idea.

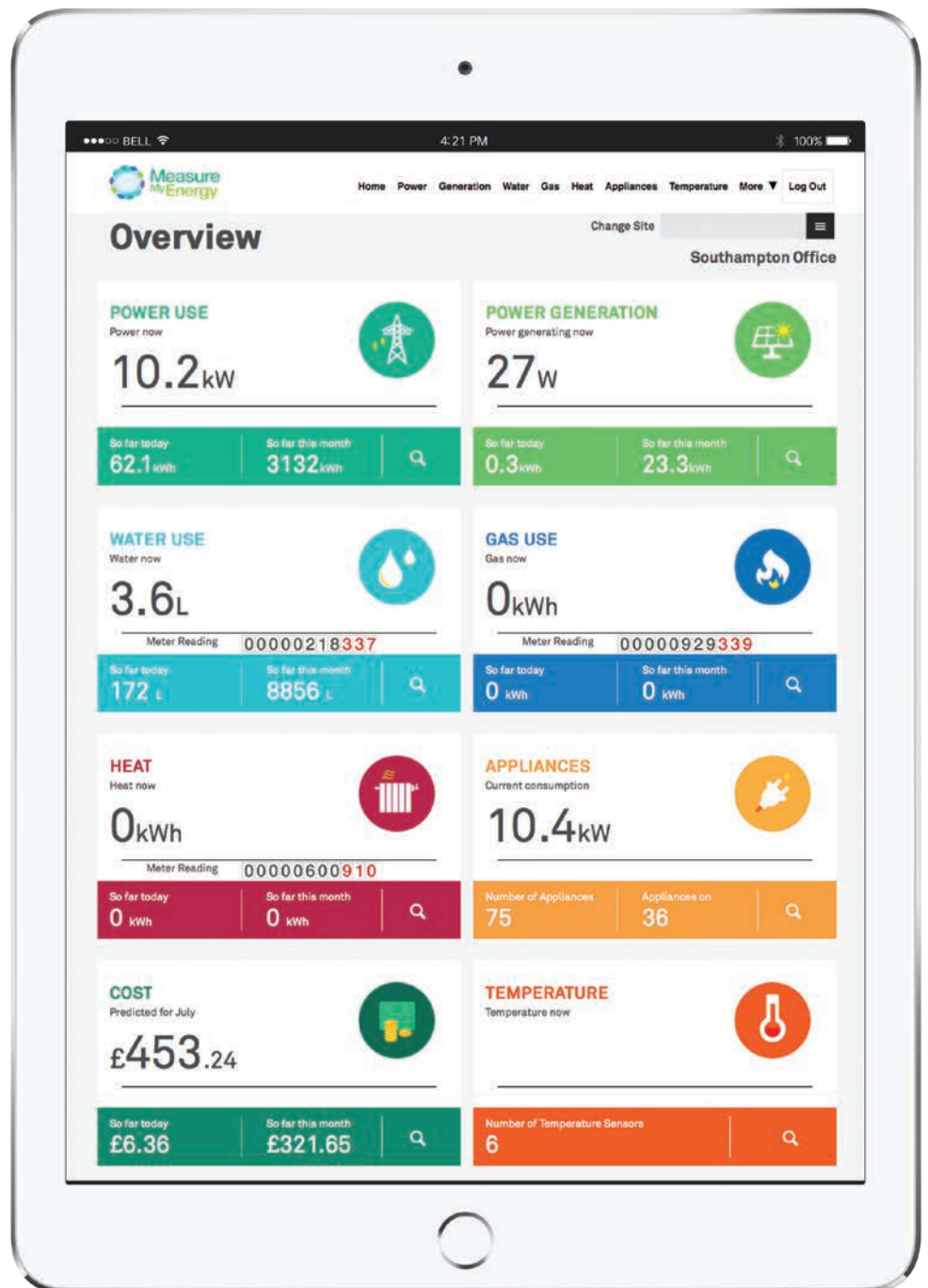
The MeasureMyEnergy cloud based Global Energy Management (GEM) platform is the only tool you will need to manage your energy and utilities. It's truly global; available in 33 languages and in all the principal currencies. It moves through time zones with you.

Watch the water flow in the Sydney office from your plant room in London! Turn on the lights, just seconds later the data is available alongside the cost and carbon impact.

The GEM platform gives you visibility of your energy and utility activity in real time, across multiple sites, on multiple devices, right down to individual appliance level. Has someone been leaving the lights or the industrial oven on? We give you the tools to investigate!

Designed to be used on PC's, laptops, tablets and smartphones you can free yourself from the desk and go where the problem is. As an example; work in the plant room with the Air Handling Unit whilst simultaneously watching the performance on your pad.

But the real power is that it's not just you! Ideal for creating a culture of knowledge and behavioural change, empower your staff with easy-to-use tools that show them exactly *when* and *where* energy is being consumed, enabling them to make positive change.



Power to the Portal.

The MeasureMyEnergy platform starts with a clear, customisable dashboard giving you the headlines with all of your utilities in one place. MeasureMyEnergy shape your energy data into something that is easy for everyone to understand, at a glance.



View usage by month, week or day. Review your consumption and cost minute by minute. Add appliances into groups such as lighting or heating. Split usage into working and non-working hours and see the non-productive energy you consume. It's completely flexible.

With advanced energy rating the costs will be based on your actual energy tariffs, including all peak and off-peak rates and other bands and fixed charges.

Use this knowledge to make informed decisions on new energy efficient technologies with accurate ROI analysis.

The easy-to-navigate, easy-to-understand, multi-user portal can be made available to anyone without having to invest in additional software or user training.

Now there doesn't have to be just one energy champion in your workplace!

Graphic detail.

The simple-to-use, intuitive interface lets you quickly and expertly see overview summaries and reports of your utility use in various graph formats. **No more trawling through lengthy CSV files!**

The customised reports analyse your data to tell you what you might be unnecessarily wasting and most importantly, where.

This breakdown can be as detailed as you need - look at specific circuit groups or compare historical periods. From this detail, you'll be able to optimise your energy usage.

So, you've browsed the report and noticed some anomalies, but wouldn't it be great to be alerted to these before they happen?

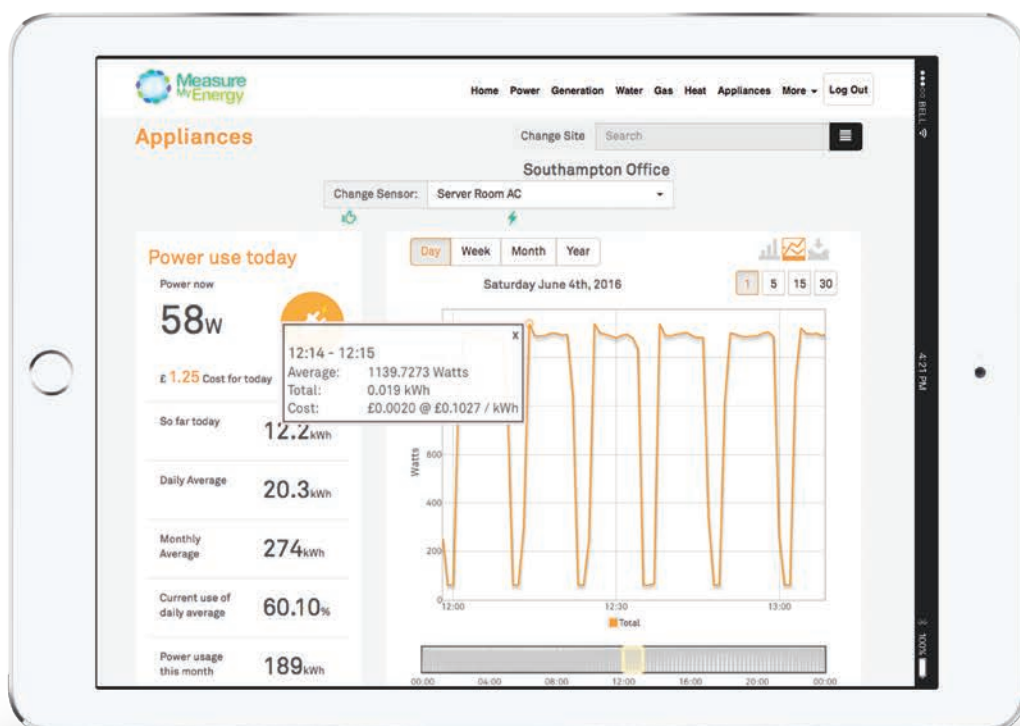
With MeasureMyEnergy, in conjunction with Global Group, you can!

Opt for consumption or event-based alerts that can come to you via email, SMS or integration with your job queue management system.

Wouldn't you like to know if your building was wasting energy out of hours and where it was being consumed? You can configure the portal with your operating hours and if activity happens outside of this time, you'll get a message to let you know.

You'll also get alerted if your equipment load is not running as it should be, allowing you to direct your maintenance team to the issue before it becomes a costly problem.

No other service combines this level of detail, accuracy and timeliness.



The result.

Could you reduce your energy costs by up to 20%, 30% or even 45%? Our customers have!

Our customers have proven the benefits of the MeasureMyEnergy technology both in direct cost reductions, by tracking and monitoring energy activity, as well as indirect cost savings associated with proactive maintenance of their equipment, whilst improving overall business performance and employee engagement.

Alongside MeasureMyEnergy, we have helped thousands of companies across nearly every sector, from single sites to large multi-sites, in all corners of the world.

Whether you are in retail, leisure and hospitality, manufacturing, food storage and distribution centres, educational and public sector establishments, office buildings, facilities management or any other industry, we have the solution.

How much could **your** business save by identifying wastage and inefficient equipment?

See what some of our customers say about us;



“Using the MeasureMyEnergy system has identified areas where our BMS wasn’t working as it should and highlighted plant equipment that was beginning to fail. I believe it to be a great asset to reducing energy and I would thoroughly endorse its use in any commercial property.”

Elliott Porter, Chief Engineer
Hilton London Gatwick



ASHFORD
BOROUGH COUNCIL

“Since installation, we’ve reduced our overall energy use significantly thanks to the information made available. We have used the system to map our energy throughout our organisation, allowing us to pinpoint areas we can make further savings in the future and giving us details on usage to prove the possible savings before moving forward”

Peter Brooker, Facilities Manager
Ashford Borough Council



“We were very impressed with the level of detail and insight that the system provides. We’ve always been keen to monitor our energy use beyond monthly meter reads to allow us to campaign on efficiency improvements and justify technology improvements across our 130 UK properties”

Jack Gale, Utilities Project Lead
Lush Cosmetics



“The results have shown positive downward usage trends which have been reflected in our utility costs. To be able to control usage you need to be able to effectively monitor it, this solution gives us actionable insights to continue to drive cost and consumption down”

Jason Eyer, Building Services Manager
Barnsley Premier Leisure (BPL)



“To gain real-time insights into the electrical consumption of the school buildings was invaluable to us. The fact that we had already invested in LED lighting also meant that we were able to validate the outlay on these by seeing our energy reduction”

Kevin Medcraft, Facilities Manager
Autism Wessex



“The data is immensely valuable - it’s like an ECG for the Linbury Studio”

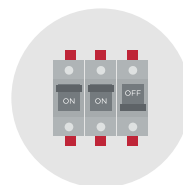
Robin Barton, Lighting Systems Technician
The Royal Opera House

What do we monitor?

Anyone can meter the mains power, water or oil. But MeasureMyEnergy do it differently. Together, we show you the energy consumption for every utility, at every minute of the day. We do this at building, submeter, circuit or appliance level.



We can show you the **electrical** consumption for every minute of the day. And back to the first second you started the service.



We can monitor every **circuit** in your building. Now you can see exactly where the cost is from a light fitting to a production line. Monitor as little or as much as you need.



We measure **water** - whether it's hot or cold, at site or sub-meter level. What's more we can even micro-measure down to individual taps, lavatories and showers.



We measure **gas** consumption at a site or sub-meter level.



We measure **oil** too. Just like electricity you'll be able to see how much you're using and make adjustments to your business or lifestyle to suit this.



We measure the **temperature** of our customers offices, data centres, manufacturing plants, immersion tanks - and even temperature coming out of the taps!



We measure **solar PV, CHP, generators, battery storage...** in fact we measure any electrical generation.



We monitor **heat** generated by conventional or renewable technologies, such as district heating, central heating boilers, combined heat and power, ground-source, air-source or biomass boilers.



We measure **pressure** of water in pipes and compressed airlines.



We can measure **weather, sun irradiation** and **rainfall**. We also offer complete custom integration that can adapt for any pulse-output counter. In the past we've been asked to measure **football** and even **cow's milk**.

Our technology. Nobody does it better.

Electrical power consumption is usually the largest utility cost for any organisation, it is also the one with the greatest potential for energy reduction and cost saving. However to be able to start saving, you need to get to the detail.

The Power Distribution Monitor (PDM) connects quickly into your electrical distribution infrastructure by attaching small clip on current transformers (CT) to individual circuits.

Installation is usually completed without business disruption or down-time and is scalable from small lighting circuits to large appliances and distribution boards.

A single PDM can monitor up to 36 circuits with power loads from 5A up to 5000A.

Energy use is then broken down, per device, without the need for additional metering products.

Where the electrical infrastructure includes existing sub-metering the PDM may be used to read the energy data directly from the meters using industry-standard interfaces and protocols.



Installation & Support.

So, you've purchased it. What happens next?



INSTALLATION

You can leave it up to us to arrange installation, or use a contractor of your own. The decision is yours.

Installation is quick, requiring no changes to your electrical system and no need to power down. Completed during office hours, if necessary, the equipment needs only to be connected to your distribution board and connected with CT clamps.

The overall solution has been designed to minimise installation time and reduce the need for return site maintenance visits.

CONSULTANCY

Our highly experienced team offer consultation services to any business or individual who want to know more about energy consumption, environmental impact, how best to place our hardware and how to get the most from our software.

AFTERCARE & SUPPORT

Once installed, you will be assigned a dedicated account manager who will be on hand to deal with any questions you may have.

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