measurable•energy

Small power, big savings

Reduce your carbon emissions and electricity bills

eliminating wasted energy in buildings

What is small power?

Small power is the electricity used by equipment that is plugged in via power sockets or fused spurs. This is also known as plug load or miscellaneous electric load.

Small power typically accounts for 40% of total electricity usage in most commercial and office buildings. Up to half of that is waste, resulting from devices being left on or in standby.

This waste increases your electricity bills and produces unnecessary carbon emissions.

So, what can you do? That's where our technology comes in.

Our plug sockets, powered by machine learning, automatically identify and eliminate the small power waste of your devices, reducing your carbon emissions and electricity bills.

Achieve your net zero goals

Minimise your CO2 emissions and report back on your carbon footprint.

Reduce your overheads

Get a return on investment within two years and save 20% plus on electricity bills.

Streamline your processes

Introduce automations to monitor and control your devices remotely.

Plug sockets

Get accurate energy use data

- Automatically recognise devices as soon as they’re plugged in.
- Measure your energy use and carbon emissions 24 hours a day.

See how clean your energy is

- LED indicators show you the carbon intensity of your electricity – green means your energy is mainly coming from renewable sources, like wind and solar.
- Promote behavioural change to maximise your reduction in emissions.

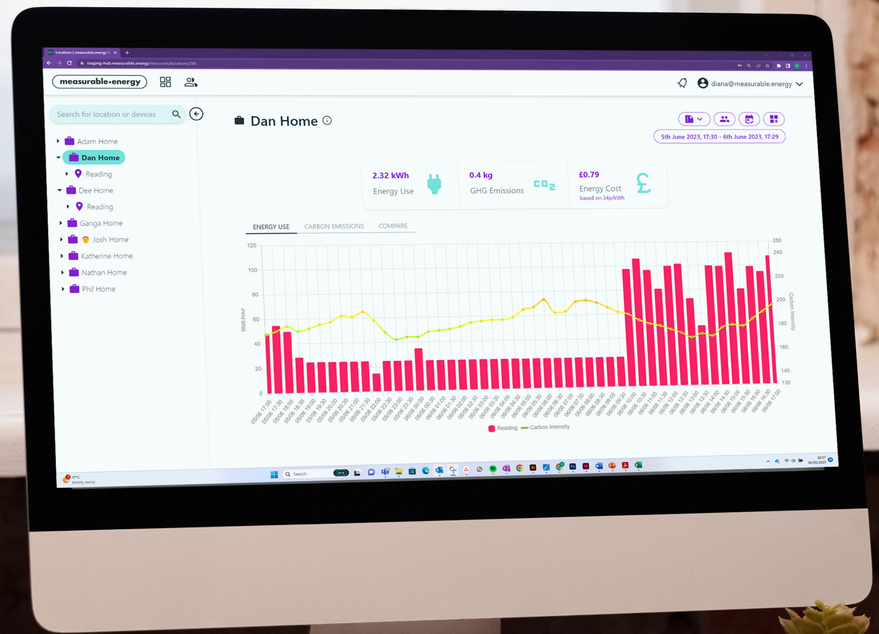
Always have power

- Automatically have your devices switch off when you aren’t using them.
- Option to override your schedule to give you two hours of power – perfect for working late.

Keep your data safe

- Connect to your existing Wi-Fi network.
- Combination of hardware-based and cloud encryption.
- IoT Security Assured and Cyber Essentials PLUS certified.

Dashboard



Access interactive reports

- View hourly reports about your energy usage and carbon emissions.
- See how much your consumption has cost you and how much you've saved.
- Generate custom reports and download your raw data.

See what devices are plugged in

- Locate your plug sockets and the devices they're powering.

View your schedule

- Access and edit the rules that turn your devices on and off.

Control your sockets remotely

- Remotely switch your devices on and off from anywhere in the world.

Manage user access

- Give different levels of access, from read-only to full control.

Application

30% energy reduction in commercial offices

We installed our desk-mounted plug sockets in a London-based office. These were used to capture data and eliminate wasted energy across a wide variety of devices, including monitors, laptops, chargers, TVs, coffee machines, hot water taps and kitchen equipment.

Achieving reductions

Significant savings in energy used, carbon emissions and electricity bills were achieved.

Over a full year, we eliminated 1,692 kWh of small power waste – a 30% reduction – equal to charging 112,687 smartphones. We also helped the team reduce their CO2 production by 1 tonne, equivalent to 2,564 miles driven by an average petrol car.

30%
reduction in energy use

1 t
of CO2 avoided

11
months payback

An office with 10,000 sockets installed

With an initial setup cost of £412,000, payback can be reached in less than 12 months.

1.2 GWh
reduction in energy use

£368k
saved on electric bill*

1.55 t
of CO2 avoided

£60k
saved on reporting

*Savings calculated using a 30p/kWh rate.

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Start eliminating wasted energy

What are you waiting for?

Discover more