measurable•energy

INSIGHT

Control Energy Spend Across Hospitality Venues

Identify and eliminate wasted plug load usage, to reduce electricity costs and carbon emissions by at least 20% and gain full energy visibility and control across kitchens, guest areas and back-of-house environments.

In partnership with measurable.energy



Insight Systems & measurable.energy: Helping eliminate hidden energy waste

Insight Systems helps hospitality and retail businesses keep essential print and document processes running across venues, kitchens, back offices and head office, with reliable technology and responsive managed support.

Together with measurable.energy, we extend that same operational focus to energy, helping hospitality teams identify and automatically eliminate wasted electricity from everyday plugged-in equipment.

The result: lower energy costs, reduced carbon emissions and greater control across every site.

Find out more

Eliminate wasted energy. Automatically

Why Insight Systems

Keep operations running

From guest-facing areas to back office, reliable print support helps prevent small technology failures from disrupting day-to-day service.

Consistent support across every site

Insight Systems provides one accountable partner to supply, manage and support print devices across single venues and multi-site estates.

Control cost and complexity

Managed services provide clearer oversight, predictable support and less day-to-day administration for busy operational and IT teams.

Why we've partnered with measurable.energy

Hospitality energy waste doesn't stop when the doors close.

Fridges, kitchen equipment, screens, printers and other plugged-in devices can continue consuming electricity when they are not needed. Together with measurable.energy, we help operators identify and automatically remove that waste, cutting plug load energy by **30–67%** without disrupting service or relying on staff behaviour.

Control Energy Spend Across Hospitality & Retail Venues

Reduce energy waste across hospitality venues

Up to 40% of energy in hospitality and retail sites is wasted by equipment left running long after service ends, increasing operational costs across individual sites and multi-venue estates.

measurable.energy makes that hidden usage visible and acts on it automatically.

The AI-powered plug load management system uses appliance-level data to reduce unnecessary cost, improve HVAC performance without integration, and protect profit without compromising guest experience or relying on behaviour change.

- 30–67% reduction in energy use
- 20%+ saving on energy bills and CO2
- Payback in months



Reduce energy costs by 20%+

Automatically control equipment energy use across kitchens, bars and service areas.



Maintain consistency across venues

Apply the same approach to energy management across multiple locations and estates.



Strengthen safety and operational oversight

Maintain clear visibility of electrical equipment across busy hospitality environments.

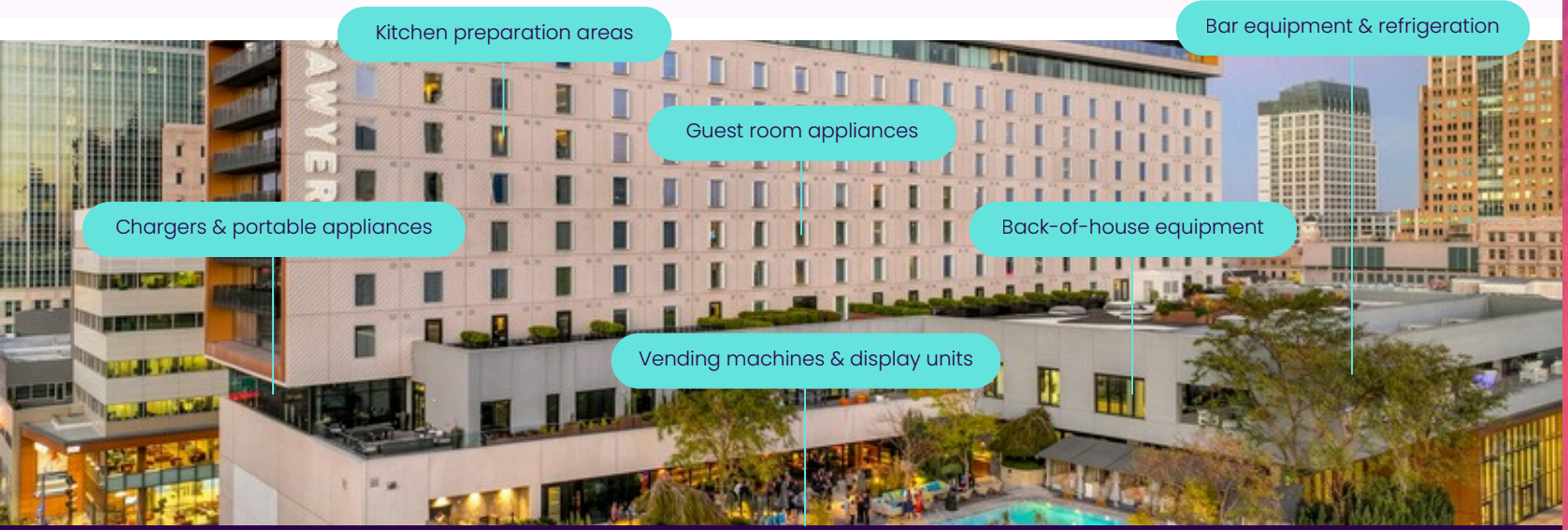
In hospitality venues, **up to 40% of energy use can be wasted by equipment left running outside operating hours.**

Talk to our team
0800 910 1000

Typical plug load drains in hospitality & retail

Across hospitality and retail sites, up to 40% of electricity demand comes from everyday appliances that remain powered outside active service periods.

measurable.energy helps operators monitor and manage power across common hospitality environments, including:



Appliance-level control makes it easier to manage electricity demand while keeping operations running smoothly.

3 ways appliance-level control supports hospitality operations

Restaurants, hotels and hospitality venues rely on large amounts of kitchen, bar and back-of-house equipment. Much of it remains powered outside service hours, and managing this manually across busy teams and multiple sites is difficult to maintain consistently.

AI-powered plug sockets provide appliance-level visibility and automation, helping operators control energy costs, improve HVAC performance, maintain operational standards and increase visibility across their estate.

Eliminate wasted energy. Automatically

01 Control operational energy costs

Reduce avoidable electricity spend without affecting service operations.

- Automatically power down appliances outside operating hours
- Lower persistent base energy load in kitchens and service areas
- Improve margin by reducing unnecessary energy spend

In hospitality environments, **up to 40% of electricity can be wasted by appliances left running outside service hours.**





02 Maintain consistency across locations

Apply the same operational standards throughout hospitality estates.

- Roll out energy management consistently across multiple sites
- Reduce reliance on manual switch-off routines
- Align HVAC operation with real usage patterns across the working day

Centralised appliance-level control allows operators to **apply the same energy standards across every venue in a multi-site estate.**

03 Strengthen operational oversight

Gain clearer insight into electrical activity in busy hospitality environments.

- Identify inefficient or unusual appliance behaviour
- Monitor electricity consumption across sites
- Support operational and sustainability reporting

Appliance-level monitoring helps identify inefficient equipment early and reduce exposure to unattended electrical risk across hospitality venues.



How measurable. energy works

measurable.energy identifies every plugged-in appliance and automatically optimises how energy is used to eliminate unnecessary plug load and reduce electricity costs and carbon emissions across kitchens, bars, guest areas and back-of-house spaces.



Detect and recognise appliances

Automatically identifies appliances such as refrigeration units, bar equipment, kitchen appliances and chargers — showing what is drawing electricity, where and when.

- Appliance-level visibility across kitchens and service areas
- Identification of idle and standby consumption
- Real-time data into appliance usage patterns throughout the day



Automate energy control

Once equipment is recognised, smart schedules manage power automatically and align with operating hours, reducing persistent base demand from equipment that would otherwise remain powered.

- Automated shutdown of unused appliances
- Improve HVAC optimisation by aligning with real usage patterns
- Verified tracking of energy reduction



Prevent waste and reduce risk

Continuous monitoring highlights inefficient or abnormal behaviour. Operations teams can identify faulty appliances, detect unusual energy patterns and address potential electrical risks early.

- Detection of abnormal plug loads
- Early identification of inefficient appliances
- Improved visibility of electrical activity across sites

Hidden energy waste uncovered in bottle fridges

Bottle fridges are a common source of hidden electricity consumption in hospitality venues, often running at full power even when venues are closed or customer demand is low.

Using appliance-level monitoring and automated scheduling, measurable.energy identified unnecessary overnight consumption and introduced intelligent control to align energy use with actual operating hours.

Eliminate wasted energy. Automatically

Results

- 89% reduction in energy use from bottle fridges, delivering £12,000 in annual savings
- Significant reduction in overnight electricity consumption
- Automated control aligned with trading hours

The project demonstrated how appliances across hospitality venues can drive substantial energy costs — and how appliance-level visibility enables operators to reduce waste without affecting service.

Trusted by the UK's leading hospitality & retail sites

TORTILLA
Real California Burritos & Tacos

HOSPITALITY
ENERGY SAVING & SUSTAINABILITY

GLOUCESTERSHIRE COUNTY CRICKET CLUB

Full Circle Brew Co.

Control Energy Spend Across Hospitality & Retail Venues

Common questions

Will this disrupt service operations?
No. The system runs quietly in the background and follows defined operating schedules, ensuring equipment remains available when needed.

How do the sockets connect?
measurable.energy sockets connect securely over WiFi, with no need for additional sensors or cameras.

How are savings measured?
Electricity consumption is tracked at appliance level, providing clear reporting on usage patterns, cost reduction and carbon impact.

measurable.energy certifications and compliance

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INSIGHT

See where your hospitality or retail estate could be wasting energy..

Book a quick chat with the Insight Systems to explore how energy automation can support more efficient operations across your venues.

Get in touch

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