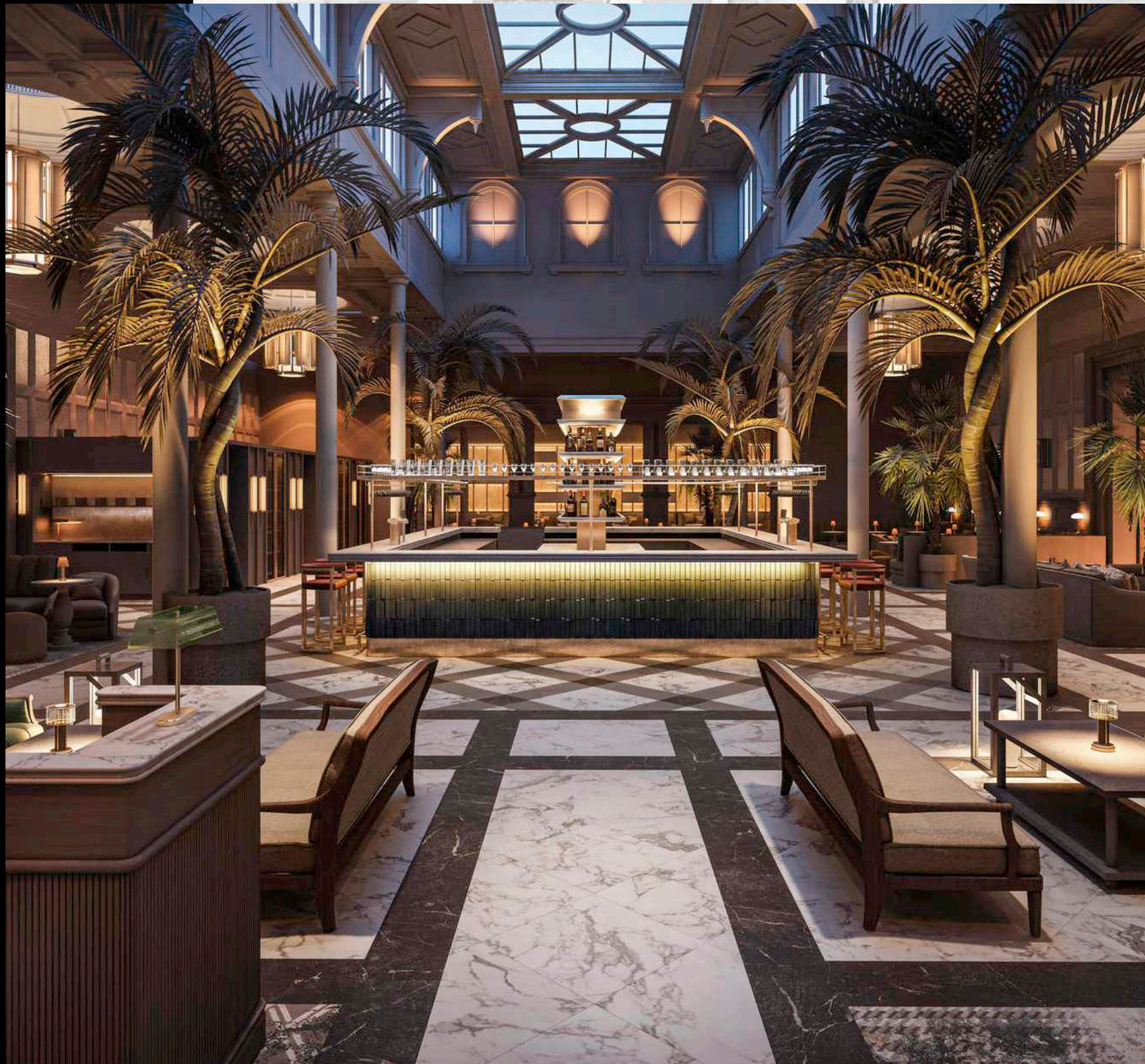


powerhub.

Energy reduction & savings solutions in the hospitality industry



**ANY MORE QUESTIONS?
GET IN TOUCH!**

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VOLTAGE OPTIMISATION

Voltage Optimisation (VO) from Powerhub Solutions reduces excess voltage supplied to electrical equipment, helping it run more efficiently and last longer.

• **How VO works:**

Many electrical systems in the UK receive higher voltage than needed, which can lead to wasted energy, heat buildup, and premature wear. VO corrects this by lowering the voltage to optimal levels, cutting unnecessary power use.

• **The savings & Benefits:**

By implementing VO, businesses can reduce electricity bills by 5–8%, while also extending the lifespan of their equipment. It protects devices from voltage fluctuations, lowers maintenance and replacement costs, and contributes to a more stable and reliable power supply.

• **Why Powerhub:**

Powerhub Solutions manages the entire VO process with their in-house team, ensuring consistency and high standards throughout. With no subcontractors involved, they offer a smooth installation experience and a strong return on investment through long term energy savings.

• **Guaranteed Energy Savings:**

Our VO Machines are designed for long-term reliability, with an expected lifespan of 30+ years. We guarantee that your Voltage Optimiser will continue to achieve the voltage reduction detailed in your Energy Savings Report.

THE POWERHUB INSTALLATION PROCESS

At Powerhub, we make your path to energy savings simple, professional, and backed by results. Here's how we deliver from start to finish:

- 1. Find out what you can save:** We start with a consultation to introduce the Powerhub team, explain our process, and understand your needs. At this stage, we'll request your half-hourly data, recent electricity bills, and the number of transformers on-site.
- 2. Desktop Proposal:** Using your site-specific data, we create a detailed desktop proposal with a highly accurate savings forecast.
- 3. Free Site Survey:** Our in-house engineers visit your site to confirm voltage levels, assess technical feasibility, and finalise the installation specification. Based on the findings, we calculate your final savings percentage.
- 4. Purchase Order Raised:** Once you're ready to proceed, you raise a PO. At this point, our Projects team steps in, managing onboarding, logistics, and preparing everything for a smooth installation.
- 5. Delivery and Installation:** From PO to installation typically takes 4–6 weeks. Our Projects team handles the entire process, including scheduling any required shutdowns. After installation, we monitor your site to verify performance and confirm your savings.



VO IS TRUSTED BY OUR CLIENTS & PARTNERS:



KBR ENERGY SAVER FOR KITCHENS, BARS & RESTAURANTS

The KBR Energy Saver delivers efficient, sustainable energy solutions for commercial kitchens, bars, and restaurants. With decades of experience, we help you cut costs and reduce your environmental impact.

As a leading UK provider, we offer tailored energy-saving systems designed to meet your specific needs, helping your business run more efficiently while lowering energy use and emissions.

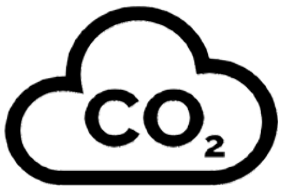
- Guaranteed Energy Savings (12–15%):**
KBR solutions deliver a proven 12–15% reduction in energy consumption, providing immediate and measurable cost savings.
- Rapid Return on Investment (ROI):**
With significant energy savings and efficiency gains, most clients see a return on investment within just a few months.
- Easy Retrofit, Zero Maintenance:**
Designed for seamless installation, KBR can be installed effortlessly with no disruption to daily operations and require no ongoing maintenance.
- 100% Savings Guarantee with Monitoring:**
Backed by granular monitoring, KBR solutions come with a 100% savings guarantee.
- Support Your Sustainability Goals:**
By reducing energy waste and carbon emissions, KBR helps businesses meet environmental targets.




OUR IMPACT IN NUMBERS


999.889+
TREES SAVED


12 - 18
MONTHS ROI


32,805+
TONNES OF CO2


124 561 755 +
KWH REDUCTION

OUR SOLUTIONS

-  — **0.1 Cold Logic / WiFF Manager**
-  — **0.2 Bottle Fridge Manager**
-  — **0.3 Cellar Manager**
-  — **0.4 Remote Optimiser**
-  — **0.5 Smart Post Mix Timer**

COLD LOGIC WIFF MANAGER



TRANSFORM YOUR BARS, RESTAURANTS, AND COMMERCIAL KITCHEN WITH SMARTER REFRIGERATION

Gold Logic (Walk In Freezer & Fridge Manager) is an energy-saving system for commercial fridge and freezer units, cutting energy use by up to 10.5 kWh/day for fridges and 21 kWh/day for freezers. Installed quickly with no maintenance needed, it combines an optimiser, door alarm, and PVC curtains to boost efficiency, reduce condenser cycles, block waste when doors are open, and maintain hygiene.

Proven Energy Savings:

Save at least 7 kWh/day on refrigeration and 14 kWh/day on freezers, delivering substantial long-term energy bill reductions.

Seamless Integration & Installation:

Cold Logic integrates effortlessly with your existing setup, with minimal disruption to your kitchen operations.

Easy Retrofit, Zero Maintenance:

Once installed, the Walk-in Fridge & Freezer Manager requires no ongoing maintenance.

Immediate Results:

Once installed, Cold Logic starts working immediately. You'll notice the energy savings from the very first day without the need for ongoing supervision.





BOTTLE FRIDGE MANAGER

Cut costs, save energy and make your bars & kitchens more sustainable – up to 33% energy savings guaranteed!

The Bottle Fridge Energy Saver is a smart, compact device that helps bars, kitchens, and restaurants cut costs and boost sustainability.

Designed for back-bar bottle fridges, it uses an infrared sensor to detect movement, automatically switching off fridges when the area is unoccupied.

This simple upgrade can reduce energy use by up to 33%, saving around 1kWh per fridge per day in venues closed overnight.



SUITABLE FOR:



BARS, RESTAURANTS & CAFÉS

Bottle fridges in Bars & Restaurants often run unnecessarily, wasting energy during non-operating hours. The Bottle Fridge Energy Saver uses infrared motion detectors to automatically power down fridges when no movement is detected.



NIGHTCLUBS & EVENTS

Nightclub & Event Spaces face irregular hours, with fridges sometimes left on when the venue is closed. The Bottle Fridge Energy Saver turns off fridges during inactivity, providing cost savings and reducing energy waste without manual effort, contributing to a more sustainable business model.



THEATRES & CINEMAS

Fridges in concession stands often run when not needed, wasting energy outside showtimes. The Bottle Fridge Energy Saver powers down fridges during off-hours, ensuring they reactivate when needed and significantly lowering energy consumption while maintaining availability for

Proven Energy Savings:

Automatically reduces energy consumption by up to 33% through its innovative infrared (IR) motion detector. Fridges turn off when no movement is detected.

Flexibility:

Operates independently of your opening times, intelligently managing power usage whether your bar or kitchen is open or closed.

Sustainability:

Lower your carbon emissions and contribute to a greener future. By reducing your energy consumption, you're not only cutting costs but also helping the environment.

CELLAR MANAGER

CUTTING COOLER ENERGY BY 30%, KEEPING YOUR KEGS COLD WHILE SAVING POWER

The Cellar Manager is a smart and innovative system designed to cut down energy consumption of your primary cellar cooler by 30%. By leveraging the natural principle that beer in kegs warms up more slowly than the surrounding air, the system optimises your cooler's power usage while maintaining the ideal beer temperature.

The Cellar Manager continuously monitors key factors like internal and external temperatures and door positions. Using this data, it intelligently regulates the cellar cooler, turning it on and off as needed. This keeps your beer steady at 12°C.



THE CELLAR MANAGER IS SUITABLE FOR:



PUBS & BARS

Pubs and bars need constant beer cooling. The Cellar Manager cuts energy use by running the cooler only when needed, saving energy without affecting beer quality.



RESTAURANTS & HOTELS

In larger venues, multiple coolers run constantly. The Cellar Manager optimises power use based on real-time conditions to streamline cooling.



ARENAS & VENUES

Sports venues don't need constant cooling. The Cellar Manager cuts energy use during downtime while keeping drinks ready for peak times.



BREWERIES

Breweries and distributors store beer in bulk. The Cellar Manager keeps kegs at ideal temperatures while cutting energy use, perfect for large-scale storage.

REMOTE OPTIMISER

OPTIMISING REMOTE COOLER SYSTEMS TO CUT ENERGY WASTE

Bars and pubs face rising energy costs, and remote coolers often run unnecessarily, even when no beer is being poured.

The Remote Optimiser tackles this by linking the cooler's pump and condenser to real-time beer flow, so it only operates when needed. This smart, seamless solution can save around £482 per cooler annually, all while maintaining perfect beer delivery.

Significant Energy Savings:

The Remote Optimiser intelligently links cooler operation to real beer demand, cutting unnecessary energy consumption and saving approximately £482 per cooler per year.

Self-Learning Technology:

Equipped with advanced, patent-pending, self-learning technology, the Remote Optimiser adapts to the specific dynamics of your cooler, optimising performance without sacrificing beer quality or temperature.

Rapid ROI:

With energy savings that pay for the system in under 12 months, the Remote Optimiser is a cost-effective solution that delivers fast results, ensuring long-term savings and a prolonged cooler lifespan.



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SMART POST MIX TIMER

The Smart Post Mix Timer is designed for pubs, bars, and restaurants to reduce energy waste by switching off Post Mix coolers during downtime.


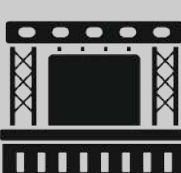


Most venues are closed around 12 hours a day, yet coolers run non-stop. By turning them off for just 8 hours daily, you can cut energy use by up to 33%, saving around £120 per cooler each year.



INSTANT ENERGY SAVINGS

The Smart Post Mix Timer cuts energy use by switching off coolers during closed hours, saving up to £120 per year per unit, with easy setup and no disruption.

SAVE 33% ON COOLER ENERGY IN THESE SECTORS:

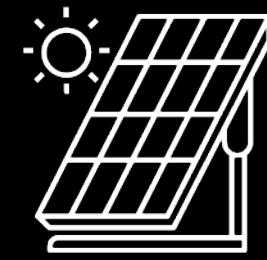
 PUB	PUBS & BARS	 EVENTS & THEATRES
 RESTAURANTS & CAFÉS	HOTELS & HOSPITALITY	

COMMERCIAL SOLAR SOLUTIONS

POWER YOUR BUSINESS WITH SOLAR – CUT COSTS AND CARBON

At Powerhub, we deliver accredited commercial solar installations tailored to your business, helping you unlock the full potential of solar and make a lasting environmental impact.

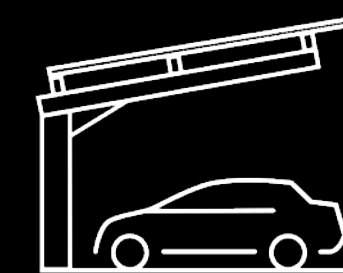
Choosing the right solar partner makes all the difference. With industry-leading expertise and a customer-first approach, Powerhub ensures your installation is seamless from start to finish.



SOLAR PANEL INSTALLATION

At Powerhub Solutions, we handle the full installation process. From initial survey and system design to permissions, installation, and handover.

Whether you need roof-mounted or ground-mounted solar panels, our expert team ensures a smooth, hassle-free experience with ongoing support to keep your system performing at its best.



SOLAR CARPORTS

Turn your car park into a clean energy powerhouse. Powerhub's UK-engineered solar carports help you reduce emissions, lower energy costs, and make the most of your space, all with smart, future-ready design.

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We're proud of the measurable energy savings we've achieved with our clients:



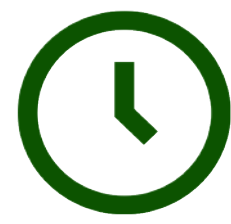
124 561 755 KWH

Over 124.5 million kWh saved, cutting costs and supporting sustainable operations.



32,805+ TONNES OF CO2

Together with our partners and clients, we've saved over 30,000 tonnes of CO2 for a greener future.



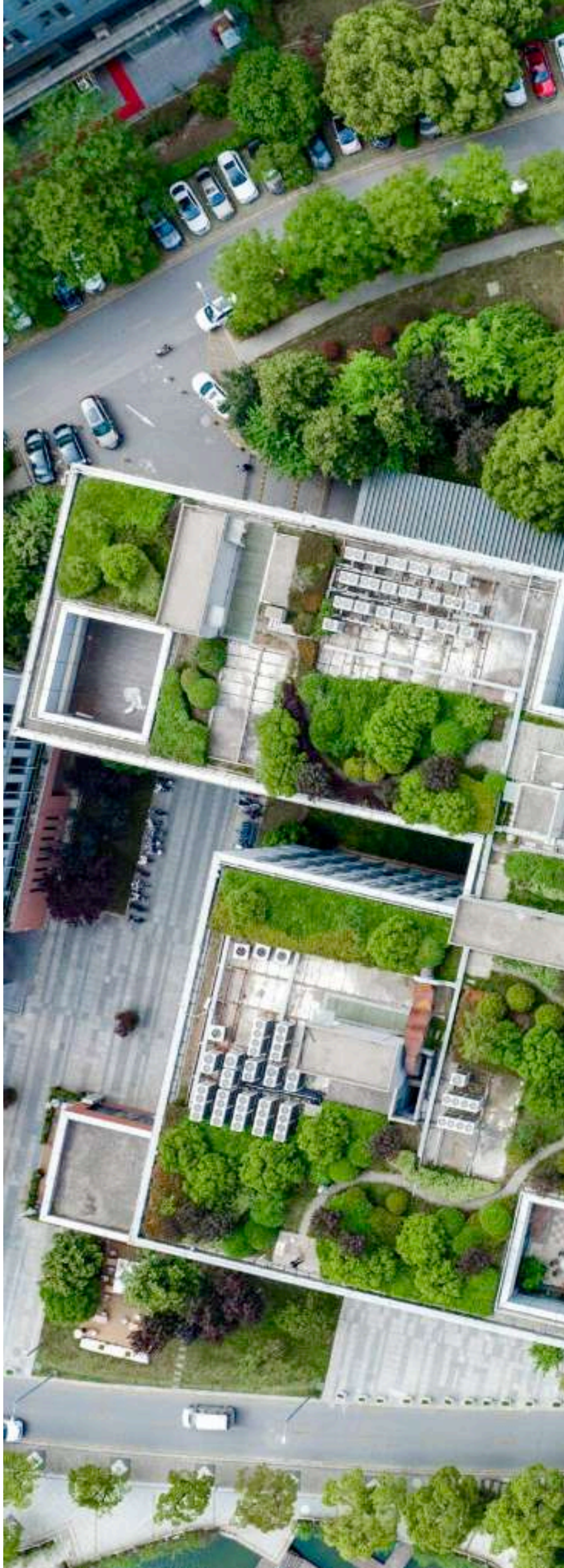
12 - 18 MONTHS ROI

Our technology delivers rapid payback, with clients seeing full ROI in 12 to 18 months.



999.889+ TREES SAVED

Saving the equivalent of nearly a million trees, we're making a lasting environmental impact.



WHY POWERHUB SOLUTIONS?

At Powerhub Solutions, we are on a mission to drive meaningful change in the energy reduction industry. Having been involved in the three largest UK energy reduction rollouts, we have worked alongside leading brands and partnered with industry pioneers to create real, measurable savings.

Our goal is to help businesses transition to smarter, more efficient energy management while supporting their sustainability objectives.

LEADING THE WAY IN SMARTER ENERGY REDUCTION

At Powerhub Solutions, we are on a mission to drive meaningful change in the energy reduction industry. Having been involved in the three largest UK energy reduction rollouts, we have worked alongside leading brands and partnered with industry pioneers to create real, measurable savings.

Our goal is to help businesses transition to smarter, more efficient energy management while supporting their sustainability objectives.

Our three-step process: Monitor, Install, Validate, delivers guaranteed energy, cost and carbon savings through a complete efficiency solution.

1. MONITOR

Understanding Your Energy Consumption:

Before recommending energy-saving measures, we establish a clear baseline of your site's energy use. This gives us a full understanding of how your business consumes energy.

2. INSTALL

Install Guaranteed Energy Reduction Solutions:

Once inefficiencies have been identified, we take a proactive approach to energy reduction with our in house installation services.

3. VALIDATE

Real Time Proof Of Savings:

At Powerhub Solutions, we don't just promise energy savings, we prove them. Every technology we install is backed by intelligent real-time monitoring.

OUR MISSION

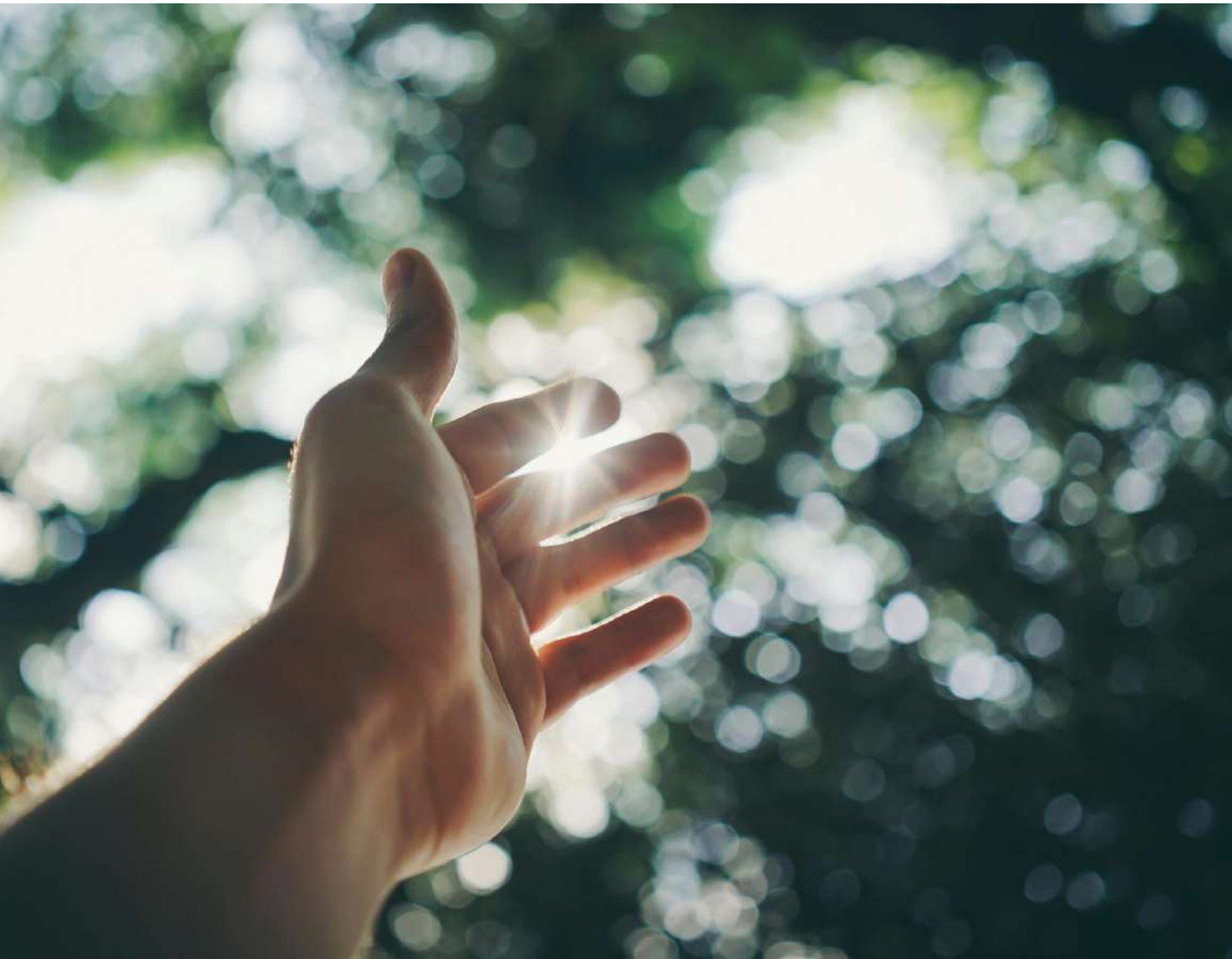
At Powerhub Solutions, we're driving real change in energy reduction. With experience in the UK's three largest rollouts, we've partnered with top brands to deliver measurable savings.

Our mission is to help businesses manage energy smarter and meet their sustainability goals.

OUR VALUES

Powerhub Solutions is built on transparency, integrity, and accountability.

We're honest about the savings our products deliver, offer real-time monitoring for clear results, and tailor every project to our clients' specific goals.



OUR PARTNERS:



ZERO
CARBON
FORUM



NatWest



Royal Bank
of Scotland



HOSPITALITY
ENERGY SAVING
& SUSTAINABILITY

REFERENCES:



“RBH have been rolling out numerous energy saving initiatives across many of our hotels as part of our decarbonisation programme, so it was great to share some of our success stories with our partners. Many thanks to Powerhub Solutions who are helping us on our Net Zero journey.”

-Gregor MacNaughton, Chief Technical Officer , RBH



“To reduce our impact on the environment, it's crucial that we look at ways of reducing the energy we are using and be vigilant for ways we can cut wastage at scale. This investment will benefit hundreds of our pubs and follows successful trials earlier this year. “

- Assad Malic, Chief Communications & Sustainability Officer , Greene King



“Powerhub's KBR Energy Saver delivered impressive results, reducing our energy use by 37.6% across targeted appliances. Their expertise and support make them highly recommended for energy efficiency!”

-Matthew Linton, Sustainability & Energy Manager, Thwaites Pubs



“The team provided a tailored energy solution that perfectly aligned with our savings goals. The process was seamless, professional, and minimally disruptive, delivering significant savings for Tees Active. Highly recommended for energy optimisation!”

-Darren Humphrey, Area Operations Manager, Tees Active

MONITOR & VALIDATE

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IF WE GUARANTEE IT, WE PROVE IT.

At Powerhub Solutions, we don't just promise energy savings—we prove them. Every technology we install is backed by intelligent real-time monitoring, allowing us to accurately measure and report on savings post-installation.

Live Energy Monitoring Dashboard:

Providing real-time visibility into energy consumption and savings.

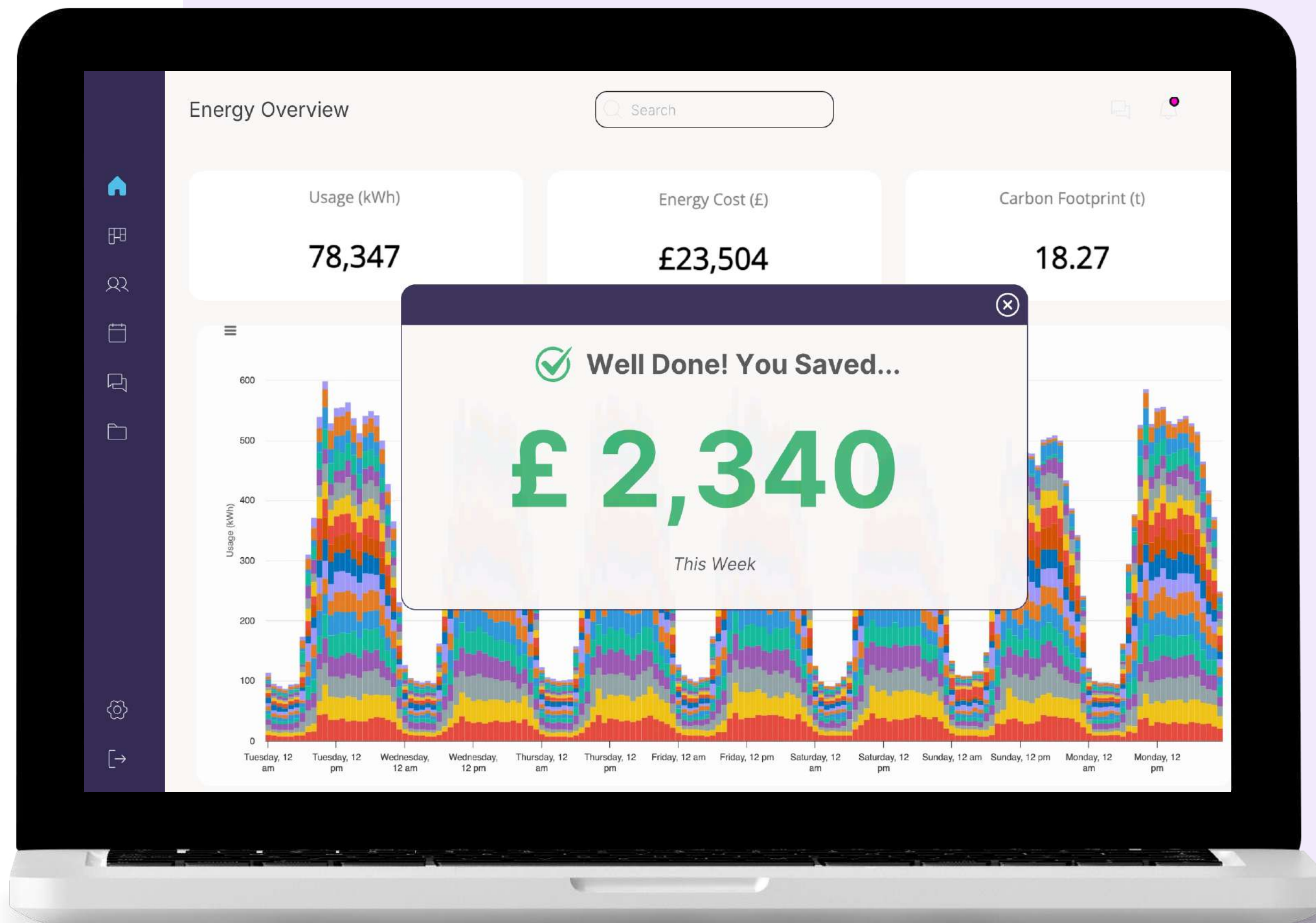
Weekly & Monthly Energy Savings Reports:

Detailed breakdowns of energy reductions, ensuring transparency and accountability.

Regulatory Compliance Support:

Helping businesses meet SECR, ESOS, and sustainability targets with verifiable energy performance data.

By continuously tracking and validating energy consumption, we ensure that our solutions deliver long-term, measurable savings. Our clients benefit from peace of mind knowing that their investment is backed by a data-driven guarantee.



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GET IN TOUCH

Join the growing number of businesses that have partnered with Powerhub Solutions to make their operations more sustainable and efficient.

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