

**LEADERS IN ELECTRICAL, MECHANICAL
& RENEWABLE ENERGY SERVICES**

ORBEM.



ABOUT ORBEM.

Orbem is a specialist group of companies operating across three core disciplines: Electrical, Climate Solutions, and Renewable Energy. Each division operates as a highly capable, independent business in its own right, while collectively forming a fully integrated Group unified under a single leadership team and a shared commitment to excellence.

This structure provides clients with genuine flexibility. Whether they require a focused, single-discipline service or wish to benefit from all three divisions working seamlessly together under one accountable partner, Orbem has the capability and structure to deliver.

Operating across the majority of commercial and industrial sectors, including established specialisms in the defence and sports industries, the Group has built a strong reputation for delivering technically precise, professionally managed solutions where the standard of work truly matters.

Underpinning this is a leadership team that collectively brings in excess of one hundred years of industry experience, ensuring clients benefit not only from technical excellence and operational capability, but from the informed strategic perspective of a team that has worked at the forefront of the industry for decades. It is this combination of specialist independence, collective strength, and shared ambition that makes Orbem the partner of choice for clients who demand the very best.

ELECTRICAL.

CLIMATE SOLUTIONS.

RENEWABLES.

ORBEM.

OUR LEADERSHIP.



BRANDON ROWLANDS
MANAGING DIRECTOR

Brandon serves as Managing Director of the Group, providing executive leadership and strategic direction across the business as a whole. In addition to his Group-wide responsibilities, Brandon holds direct accountability for the electrical division, ensuring its continued delivery of the quality, safety, and professionalism upon which the company's reputation is founded.

Brandon's career in the industry spans more than two decades, having commenced at apprenticeship level and advanced progressively through each discipline and tier of the sector before attaining director level. This exceptional depth of experience — encompassing both operational delivery and executive leadership — affords Brandon an unparalleled understanding of the industry, its people, and the exacting standards required to produce outstanding results. It is this comprehensive perspective that continues to inform and underpin his leadership of the Group.



PAUL CRIBB
RENEWABLES DIRECTOR

Paul serves as Renewables Director, holding executive responsibility for the full scope of the Group's renewables division, encompassing its strategic direction and operational performance. Positioned at the forefront of the Group's growth within the clean energy sector, Paul oversees the delivery of renewable solutions tailored to meet the increasingly ambitious sustainability objectives of clients across a broad range of industries.

Paul brings fifteen years of dedicated renewables experience to the role, underpinned by extensive expertise developed within the B2B environment. His career has afforded him a thorough command of the commercial landscape in which the Group operates, alongside the ability to translate complex technical propositions into measurable, long-term value for business clients. This synthesis of sector knowledge and commercial acumen firmly establishes Paul as an authoritative and highly effective leader within the renewables industry.



JIM CUNLIFFE
MECHANICAL DIRECTOR

Jim serves as Mechanical Director, holding executive responsibility for the Group's Climate Solutions division and providing the strategic and operational leadership required to sustain its position at the forefront of the sector. His oversight ensures the division continues to deliver mechanical and climate engineering solutions of the highest standard, reliably, consistently, and to the exacting expectations of the Group's clients.

With over four decades of industry experience, Jim represents an exceptional depth of professional knowledge that few are able to match. His career has encompassed virtually every discipline and tier the sector has to offer, accumulating a body of expertise that is as practically grounded as it is extensive. The breadth of Jim's experience, combined with his capacity for decisive and informed leadership, makes him an invaluable and irreplaceable asset to the Group at Director level.



ROB APPLEBY
COMMERCIAL DIRECTOR

Rob serves as Commercial Director, operating across the Group as a whole to oversee and protect its commercial interests at every level. From contract strategy and procurement through to risk management and financial performance, Rob ensures the Group maintains a sound and sustainable commercial position.

Rob's career spans over thirty years in the industry, during which he has operated across all disciplines and levels of the sector. His professional foundation is that of a qualified Quantity Surveyor, a discipline that instilled the analytical precision and commercial rigour that he is best known for. Rob holds a Master's degree in Construction Law and Dispute Resolution, affording him a level of specialist legal and contractual expertise that is rare within the industry. It is this exceptional combination of practical experience and academic distinction that establishes Rob as a uniquely authoritative commercial leader within the Group.

ORBEM.

OUR ACCREDITATIONS.

We stand tall beside our NICEIC Approved Contractor Accreditation, showing the quality and reliability of all the services we provide electrically, and our MCS accreditation, making us leaders in the renewables sector.

Alongside our technical accreditations, we boast a wealth of Health, Safety & Quality accreditations further demonstrating our attention to detail and delivering exceptional results each and every time.



ORBEM.

OUR VALUES.

INNOVATION

You will experience our progressive approach to our services, and our forward-thinking mindset keeps us ahead of industry trends.

RELIABILITY

You will receive durable, efficient, and innovative electrical solutions that reflect a standard of excellence that builds trust, satisfaction, and a lasting impact.

QUALITY

You can confidently count on Orbem to deliver on promises, meet deadlines, and provide solutions that consistently exceed expectations.



ORBEM.

ORBEM.

ELECTRICAL

POWERING WHAT MATTERS.

Orbem Electrical delivers safe, reliable and compliant electrical solutions for commercial and industrial clients across the UK.



**ELECTRICAL
EXCELLENCE**



**INNOVATIVE
SOLUTIONS**



**QUALITY AS
STANDARD**

**POWERING BUSINESS.
DELIVERING PERFORMANCE.**

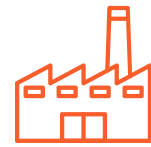


ELECTRICAL.

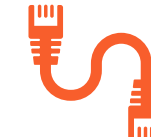
At Orbem Electrical, we offer a vast range of services to suit a wide variety of business needs. We endeavour to work closely with our clients from enquiry to completion to ensure their needs are fully understood and catered for.



Commercial
Electrical Installation



Industrial
Electrical Installation



Data & Communication
Infrastructure



LED Lighting &
Lighting Controls



Emergency Lighting
& Fire Alarm



Electrical & Lighting
Design



Distribution &
Switchgear Upgrades



Compliance &
Certification



Cash Positive
Finance Solutions



RELIABILITY



QUALITY



INNOVATION

ORBEM.
ELECTRICAL

ORBEM.

RENEWABLES

POWERING A CLEANER FUTURE.

Orbem Renewables delivers innovative, sustainable energy solutions that reduce carbon, lower costs and power progress.



**SUSTAINABLE
SOLUTIONS**



**RENEWABLE
ENERGY**



**A GREENER
TOMORROW**

**SMART ENERGY
FOR A BETTER WORLD**



RENEWABLES.

At Orbem Renewables, we deliver end-to-end renewable energy solutions tailored to your goals. From initial assessment to ongoing support, we help businesses transition to clean, reliable, and cost-effective energy with confidence.



Solar PV
Design & Installation



Battery
Storage



EV Charging
Solutions



Operation &
Maintenance



Energy Monitoring
& Smart Controls



Site Surveys &
Feasibility



Grid Connection
Support



Retrofit &
Optimisation



Finance / Funding
Support



RELIABILITY



QUALITY



INNOVATION

ORBEM.
RENEWABLES

ORBEM.

CLIMATE SOLUTIONS

CLIMATE BY DESIGN.

Orbem Climate Solutions deliver energy efficient and tailored heating and cooling systems to commercial and industrial clients across the UK.



**ENGINEERED
SOLUTIONS**



**CLIMATE
LEADERS**



**COLLABORATIVE
APPROACH**

**INTELLIGENT CLIMATE.
EFFICIENT PERFORMANCE.**

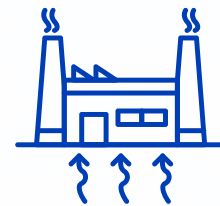


CLIMATE SOLUTIONS.

At Orbem Climate Solutions, we deliver integrated climate control services designed to create comfortable, healthy, and energy-efficient environments. We partner with our clients from concept to ongoing support to ensure every system performs at its best.



**Air Conditioning
Solutions**



**Commercial &
Industrial Heating**



**Ventilation
Systems**



**Building
Controls**



**Energy Efficiency
Audits**



**Indoor Air
Quality Solutions**



**Commissioning
& Maintenance**



**System
Upgrades**



**Smart Climate
Control**



RELIABILITY



QUALITY



INNOVATION

ORBEM.
CLIMATE SOLUTIONS

CASE STUDIES.



London Fire Brigade

London

THE PROJECT

Working with Eon Control Solutions, Orbem were appointed to deliver the electrical package for the £4 Million decarbonisation trial on 5 Fire Stations for The London Fire Brigade.

Works included the full Turn-Key, Design & Build of the entire electrical system to make this project happen and coordination with the new DNO supplies.

- New Incoming DNO Supplies
- New Main LV Panel Board and LV Distribution System
- Heavy Duty Galvanised Containment System
- Steel Wired Armoured Distribution Network
- BMS & Controls
- New LED Lighting
- Solar Photovoltaic Installation

THE OUTCOME

Decarbonisation

The new electrical systems played a massive part in the decarbonisation and removal of gas across the stations.

Energy Efficiency

With LED Lighting and Solar PV, these technologies have helped in making the stations as energy efficient as possible.

The Future

Orbem are currently in talks with both Eon and LFB about further sites due to the success of this project.



Easy Bathrooms

Wakefield - West Yorkshire

THE PROJECT

Easy Bathrooms, the UK's leading tile and bathroom supplier had outgrown their Leeds Hub and required a new purpose built facility. Easy Bathrooms engaged Orbem to deliver the design & build electrical installation to the new 330,000 Sqft distribution centre just outside Wakefield, West Yorkshire.

The programme ran for 6 intense and fast-paced months with a contract value of £1.3 Million. Our engineers worked day and night to ensure a successful delivery on time and on budget.

- Design & Build
- New LV Distribution System
- LED Smart Lighting
- Electric Vehicle Charging Station
- Forklift Truck Charging Station
- Small Power & Structured Cabling
- Heavy Duty Containment System

THE OUTCOME

Energy Saving

Installing an LED smart lighting system offered a saving of 55% over that of standard LED lighting.

Functionality

Working closely with EB to understand their requirements in detail, helped us deliver a functional solution.

Satisfaction

Successful delivery on time and in budget ensured EB's satisfaction and they continue to grow into the new facility.

ELECTRICAL.

CASE STUDIES.



THE PROJECT

Working with EON, Orbem were engaged to deliver the solar PV installations to a vast variety of football clubs as part of the greener game initiative ran by The FA. The goal was simple, maximise possible solar capacity, set it to work, reduce the club's running costs.

The projects varied in size and complexity, with systems starting at 6kW going up to 30kW.

- Energy Audit and Feasibility Study
- Solar PV and Battery Storage Design
- DNO & Grid Liaison
- Turn-key PV and Battery Storage Installation
- Ongoing O&M Support
- 926kW Installed with 1.2MW of BESS

THE OUTCOME

Greener Solution

The clubs are now greener and more efficient, contributing to the wider goal of The FA across football.

Reduced Running Costs

With systems designed to maximise efficiency, all the clubs we have worked with are benefiting from reduced energy running costs.

Improved Environmental Impact

The PV and battery installed has gone a long way to assisting each individual club in improving their environmental impact, and making the game greener across the country.



THE PROJECT

ITAL Logistics approached our Renewables Director, Paul Cribb needing a PV solution for their logistics facility in Bury, Lancashire. ITAL also expressed desire for battery storage, however, and following an in-depth feasibility study we identified battery storage wasn't the right choice for ITAL, and they wouldn't be maximising their capital expenditure.

Instead, we designed, tailored, and delivered a solar PV system the aligned precisely with ITAL's energy consumption.

- 130kW System Installed
- 3.4 Year Payback – Strong ROI
- Significant Reduction in Electricity Cost
- Improved EPC and ESOS Compliance
- SMarT Energy Management Integration

THE OUTCOME

Energy Independence

The system helped them reduce their reliance on the grid, and offered them some energy independence.

Long Lifespan with Low Maintenance

The system offers a long lifespan, backed by manufacturers and workmanship warranties, along with very little maintenance being required.

Net Zero Targets

The system has played a massive part in their strive for Net Zero and vastly improved their ESG credentials.

RENEWABLES.

CASE STUDIES.



Yushin Automation - Warehouse Heating

The Midlands

THE PROJECT

Yushin approached us with a clear brief, to deliver a reliable, high performance heating system for their Midlands Warehouse/Manufacturing facility, which offered consistent, comfortable temperatures, full control, and operational continuity.

We designed and installed a suitable, sustainable and efficient system to suit the environment, with minimal disruption.

- Large Warehousing Facility in The Midlands
- 108kW of electric heating covering just under 100m2
- Full System Tailored to The Environment
- Energy Efficiency, Removing Unnecessary Consumption
- Fully Controllable System

THE OUTCOME

Comfortable Working Environment

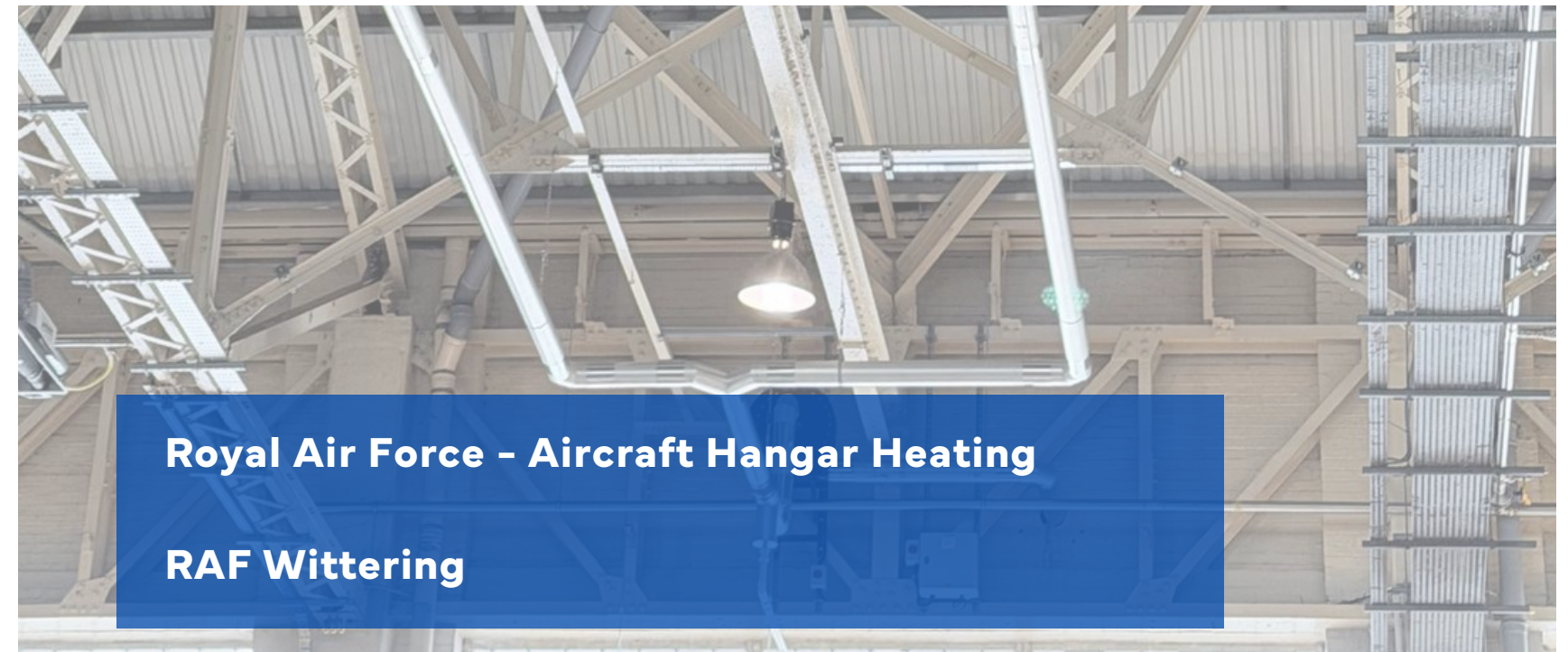
Colleagues now benefit from consistent, reliable warmth across the entire warehouse, improving productivity and wellbeing, all year round.

Total Climate Control

The fully controllable system gives Yushin complete autonomy over their environment, with flexible zoning to suit operational needs.

Energy Efficiency at Scale

108kW of heating power intelligently specified, delivering maximum performance without unnecessary energy expenditure.



Royal Air Force - Aircraft Hangar Heating

RAF Wittering

THE PROJECT

When the Ministry of Defence requires a contractor, the bar is set considerably higher than a standard commercial project. Selected to deliver a comprehensive heating solution to a vast aircraft hangar at RAF Wittering, we met every operational, logistical and security requirement the base demanded.

Working within an active military environment called for meticulous planning, absolute professionalism, and a team cleared to the highest standards. All personnel on site held either BPSS or SC Security clearance, a non-negotiable requirement for access onto the base.

- Full Heating System - Design & Installation
- Delivery Within a Live, Operational RAF Base
- Clearance to the Highest Standards
- Coordinated to Military Standards

THE OUTCOME

Cleared for Demanding Environments

Our team met the MOD's stringent security requirements in full, demonstrating the capability and professionalism to operate within the UK's most sensitive sites.

Warmth Across a Vast Space

The hangar and its occupants now benefit from highly effective heating, providing consistently warm working environments across an exceptionally large and challenging space to heat.

Mission Delivered

Coordinating deliveries and access with a live RAF base required military precision planning and execution.

CLIMATE SOLUTIONS.

Working With Us.

Working With You, Every Step

Our dedication to cultivating long-term partnerships with companies is what sets us apart. We deliver transparency in our operations and communications, ensuring clients and customers have a clear view of processes, timelines, and costs. We work with you from inception to completion and beyond, from design and installation through to aftercare and maintenance.

Not only do we position ourselves as a trustworthy and dependable partner, ensuring our clients and customers can always rely on Orbem for their electrical, renewables and climate requirements, but we're proud to say that innovation is paramount to us in an ever-changing industry, providing solutions that set us apart from the rest.

Let's Start Your Project

At Orbem, we partner with businesses on projects of all scales — whether you're investing in electrical infrastructure, transitioning to renewable energy, or exploring climate-conscious solutions for your premises. Our expert team is committed to delivering a seamless, professionally managed experience from initial consultation through to completion. Whatever your vision, we're here to make it happen. Contact us today to discuss how Orbem can support your next electrical, renewables or climate project.

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