

# WB POWER SERVICES

POWER YOU CAN TRUST



**MAINTENANCE**  
NATIONWIDE EMERGENCY SUPPORT WHEN YOU  
NEED IT, PEACE OF MIND WHEN YOU DON'T.



# PROVIDING CRITICAL POWER SERVICES FOR MORE THAN 40 YEARS

## OUR AWARDS

WB Power Services (WBPS) was first established in 1983 and since then we have grown significantly in size and service capability. Today, we provide critical power services to some of the UK's most important businesses and organisations, ensuring essential services are protected across data centres, hospitals, schools,

government sites and other commercial operations. As a family-founded, owned and run business, we are proud to retain our family values on a national scale as we strive to be the biggest and the best power generation company in the UK.



**YOUR TRUSTED TEAM OF SPECIALISTS**

All our maintenance work is undertaken by teams of experts, including engineers, project managers, consultants and logistics coordinators, who are directly employed by us. This means there are no middlemen. Just specialists with a wealth of knowledge and know-how, offering maintenance and support that are right for your needs. For more than three decades, we have built long-standing customer relationships as not only a service provider, but as an extension of your own team, backed up by our industry-leading 24/7 365-day service that is rapid, reliable and cost-effective.

**SUPPORT WHEN, WHERE AND HOW YOU NEED IT**

As a leading family-owned operator of critical power infrastructure, we understand the importance of keeping your equipment in first-class condition - and we know that when you need emergency support, you need it fast. We have a range of bespoke maintenance packages and services to meet your needs whether on a diesel-powered generator, CHP generator or UPS.

**WE CAN HELP WITH QUALITY SPARE PARTS, REPAIRS, UPGRADES AND REFURBISHMENTS.**

**KOHLER®**

**Authorized Distributor**

**WHY CHOOSE US?**

**24/7 Emergency support**

We have a national emergency response telephone line that supports you 24 hours a day, 7 days a week, 365 days a year.

**Reliability and availability**

We have a nationally based, highly-skilled team of service engineers, equipped with a wide range of equipment, spare parts, and components to ensure they can help you quickly when you need it most.

**Service and maintenance**

We can tailor bespoke service and maintenance programmes to keep your critical power supply in full working order at all times.

**Sourcing and supply**

We have supply agreements with international manufacturers so you can be confident you will get the best solution and that our spare components meet the manufacturer's OEM specification.

**Whole life asset management**

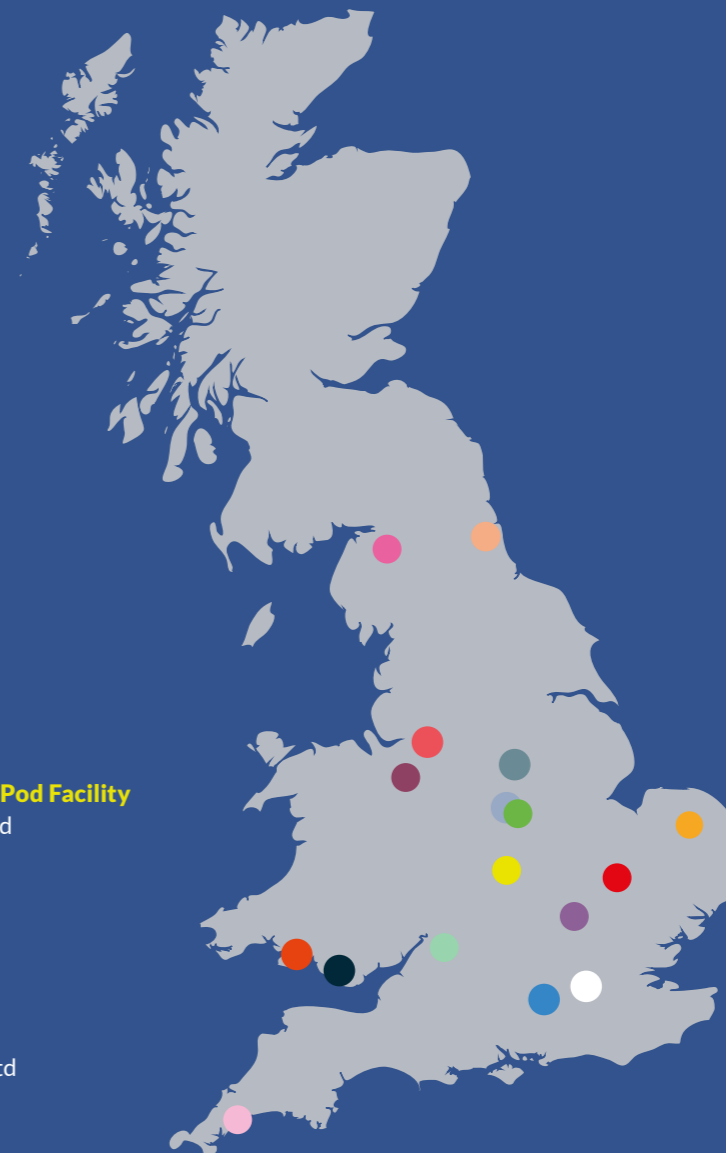
We offer all customers an asset management solution to help maintain the integrity of your critical power supply for as long as you have it.

**Sector expertise**

We have years of experience supporting businesses in a wide range of sectors including large UK-based data centres, hospitals, banks and MOD, prisons, blue-light and utility companies.

**KOHLER'S NO. 1 DISTRIBUTOR NEED KOHLER GENERATORS OR PARTS? WE'RE EMEA'S LARGEST KOHLER DISTRIBUTOR, SO WHATEVER YOU NEED YOU CAN COUNT ON US.**

**NATIONWIDE COVERAGE**



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# OUR KEY SERVICES

## GENERATOR AND UPS MAINTENANCE

To keep your generators or UPS in full working order, we offer a range of generator maintenance contracts to suit all businesses, budgets and site specific requirements. Your package can include services such as:

- DIESEL GENERATOR & UPS MAINTENANCE
- RESISTIVE AND REACTIVE LOAD BANK TESTING
- SITE REPAIRS AND OVERHAULS
- OUT-OF-HOURS WORKING
- WORKSHOP FACILITY BACK-UP
- PARTS & FUEL SUPPLY
- UNIQUE INTERNET-BASED OPERATING DATABASE SYSTEM
- UK WIDE 24/7, 365 DAYS A YEAR EMERGENCY COVER

## LOAD BANK TESTING

The specific load bank testing equipment and procedure you need to run will change depending on the set-up and type of measurements you require. Utilising our own load bank fleet, from single units of 40kW to 5MVA,

- RESISTIVE AND REACTIVE LOAD BANK TESTING
- COMBINED RESISTIVE AND REACTIVE
- INDUCTIVE & CAPACITIVE
- HV & LV LOAD BANK TESTING
- LOAD BANK TESTING FOR GENERATORS, UPS'S AND BATTERY BANKS



## SELECTIVE CATALYTIC REDUCTION MAINTENANCE

Your selective catalytic reduction (SCR) system requires a small but disciplined maintenance program in order to maintain maximum efficiency throughout its operational life cycle. A few important routine checks will avoid unnecessary repairs and downtime. Your package can include services such as:

- UREA REMOVAL
- UREA NOZZLE & PIPE CLEANING
- FILTER AND OTHER CRITICAL SPARE PART REPLACEMENTS
- UREA TANK CHECKS AND INSPECTIONS
- EMISSIONS TESTING TO MCERTS STANDARDS
- CATALYTIC BED CONTROL



## FUEL SERVICES

To keep your generators in full working order, we offer a range of generator maintenance contracts to suit all businesses, budgets and site specific requirements. Your package can include services such as:

- PLANNED FUEL SAMPLING
- FUEL POLISHING
- FUEL TANK CLEANING
- OFTEC TANK & PIPEWORK TESTING
- FUEL MANAGEMENT
- HVO & DIESEL SUPPLY, PLANNED & EMERGENCY UTILISING OUR OWN IN-HOUSE FUEL DELIVERY VEHICLES



## MAINTENANCE EXPERTS IN ALL MAJOR ENGINE BRANDS





# 24/7/365 EMERGENCY RESPONSE

WB Power have a dedicated telephone line, staffed by experienced team members, to help you our customers at any time. With one call, you will get immediate assistance, 24 hours a day, 7 days a week, 365 days a year.

- EMERGENCY SITE REPAIRS AND OVERHAULS
- FAULT DETECTION & ANALYSIS
- EMERGENCY PARTS SUPPLY & FITTING
- EMERGENCY FUEL SUPPLY
- RESISTIVE AND REACTIVE LOAD BANK TESTING

OUR LARGE TEAM OF FIELD-BASED  
SERVICE ENGINEERS ARE AVAILABLE  
ANY TIME, ANYWHERE





# BESPOKE PACKAGES BUILT TO SUIT YOUR BUDGET, SPECIFICATION & BUSINESS NEEDS

## GENERATOR MAINTENANCE

To keep your generators in full working order, we offer a range of generator maintenance contracts to suit all businesses, budgets and site specific requirements. Your package can include services such as:

- DIESEL, GAS AND CHP GENERATOR MAINTENANCE
- RESISTIVE AND REACTIVE LOAD BANK TESTING
- SITE REPAIRS AND OVERHAULS
- OUT-OF-HOURS WORKING
- WORKSHOP FACILITY BACK-UP
- PARTS & FUEL SUPPLY
- UNIQUE INTERNET-BASED OPERATING DATABASE SYSTEM
- UK WIDE 24/7, 365 DAYS A YEAR EMERGENCY COVER

**OUR FIELD-BASED SERVICE  
ENGINEERS ARE AVAILABLE  
ACROSS THE WHOLE OF THE UK.**

## CHP GENERATOR MAINTENANCE

We recommend all businesses commissioning a CHP installation also take out a CHP generator long-term maintenance contract to ensure maximum efficiency, safety, and uptime. We have developed a comprehensive maintenance programme to support all types of CHP generator installations. This is backed up by a highly experienced team of field-based engineers.

Our contracts include the following elements to ensure optimum performance, or we can tailor a maintenance package to suit your precise needs.

- PREDEFINED, PLANNED MAINTENANCE
- REMOTE MONITORING FOR DIAGNOSIS AND SCHEDULED MAINTENANCE
- EMERGENCY CALL-OUTS FOR UNPLANNED POWER CUTS
- COMPREHENSIVE COVER ON PARTS, MAINTENANCE AND LABOUR COSTS

## UPS MAINTENANCE

Depending on the specific installation, a standby generator can take between 20-60 seconds to take your building load. A UPS system bridges that gap, helping avoid damage and loss of data. With regular maintenance, our engineers make sure your UPS system is always in good working order.





# GENUINE SPARE PARTS DELIVERED FAST



**KOHLER'S NO. 1 DISTRIBUTOR NEED KOHLER GENERATOR OR ENGINE PARTS? WE STOCK OVER £7 MILLION WORTH OF PARTS, SO WHATEVER YOU NEED YOU CAN COUNT ON US.**

We are always ready to quickly despatch vital diesel and CHP generator spare parts. Because we have supply agreements in place with most major manufacturers and component suppliers, we can get just about all the spare parts needed for regular maintenance and servicing – from a simple handle or switch to a complete acoustic canopy. We are able to offer spare parts for the following generator brands:



# COMPLETE PEACE OF MIND WITH OUR REAL-TIME REPORTING

In addition to these services we also offer an advanced new process, entitled WB Power On-line. This service operates a state of the art integrated company management system, resulting in engineers communicating work-in-progress of the power generator back to the office and directly to the client via a PDA.

This alleviates the need for paper-based worksheets and reports as all your data is stored on the WB Power On-line database system, which is instantly available and easily accessed via a secure internet portal. The system also allows you to log on and access the complete service records either by site or individual equipment reference.





# REPAIRS, REFURBS AND OVERHAULS

## REPAIRS, UPGRADES AND REFURBISHMENTS

Choosing to professionally refurbish your generator can be a great investment that will save you money and maximise the life of your equipment. We will make sure your generator delivers optimum efficiency and continues to meet your needs. Our experienced team works to certified ISO standards to completely strip and rebuild any diesel generator.

All the refurbishment components we supply are to OEM specification or equivalent, and any reconditioned parts have undergone a full inspection and are backed by a full 180-day warranty. We can also help with reconditioning sub-assemblies, including crankshafts, nodal damper couplings, cylinder heads, water pumps, oil pumps, fuel pumps, fuel injectors, turbochargers, connecting rods and intercoolers. Our specialists can also support you with:

- ENGINE REFURBISHMENT & OVERHAULS
- ALTERNATOR REFURBISHMENT & OVERHAULS
- CYLINDER HEAD REFURBISHMENT & OVERHAULS
- CONTROL PANEL UPGRADES
- COOLING SYSTEM UPGRADES
- FUEL SYSTEM DESIGN AND UPGRADES
- ACOUSTIC UPGRADES

**OUR TEAM HAS FULL CAPABILITY, TRAINING AND WORK TO CERTIFIED ISO STANDARDS TO COMPLETELY STRIP AND REBUILD ANY TYPE OF ENGINE.**

## FAULT FINDING WITH THERMAL IMAGING

Thermal imaging is an extremely useful tool that needs no contact with operational equipment. It means surveys can be carried out without interrupting your data centre critical power support system. Thermographic surveys can be used to identify many kinds of faults, such as corroded or loose connections, bearing or pump failure, insulation damage, poor ventilation and control panel faults – as well as general wear and tear.

**WE USE THE LATEST IN FLUKE THERMAL IMAGING TECHNOLOGY TO PROVIDE A FULL THERMOGRAPHIC SURVEY OF YOUR ENTIRE BACK-UP POWER SYSTEM.**







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