



# PLEAVIN POWER

24/7 GENERATOR SPECIALISTS

[pleavinpower.co.uk](http://pleavinpower.co.uk)



**“PASSIONATE  
ABOUT OUR  
PEOPLE AND  
DELIVERING  
POWERFUL  
SOLUTIONS  
AROUND THE  
CLOCK”**

**JACK PLEAVIN, CEO**





# COMMITTED TO EXCELLENCE

**Pleavin Power** is a leading provider of generator services throughout the UK, delivering a diverse range of solutions to meet various power needs. Our dedicated team specialises in generator servicing, emergency power supplies, engine reconditioning, relocation, and refurbishment.

With a foundation built on professionalism, integrity, and reliability, Pleavin Power has experienced remarkable growth, earning the trust and loyalty of our valued clients. Our commitment extends to offering generator hiring services on flexible terms, ensuring businesses and individuals can address power needs efficiently, whether for short or long durations.

In addition to our service offerings, Pleavin Power boasts an extensive inventory of generators for sale, featuring standby, portable, and diesel options. Our range includes various brands and power capabilities, catering to diverse requirements for homes and businesses alike.

Understanding the critical nature of uninterrupted power, we provide 24/7 emergency support, emphasising our readiness to handle any unforeseen challenges. At Pleavin Power, we go beyond merely servicing generators; we are dedicated to delivering comprehensive solutions that prioritise customer satisfaction, minimise downtime, and optimise operational efficiency.



# GENERATOR SERVICING & MAINTENANCE

Pleavin Power takes a disruptive approach and offers a very detailed maintenance service. With our regular servicing, we ensure that we assess your systems before offering support and identifying areas of concern. In addition to that, highlight any existing issues and provide suggestions for improvements.

The next stage is to complete what we call benchmarking, a major service visit:

- Replacing all engine fluids.
- Replacing components as per OEM recommendations.
- Testing cranking batteries and fuel systems.
- Checking alternator winding insulation and main rotor condition.

Afterwards, we completed a functional system test, a mains failure test, and a load test. The equipment will then be 'benchmarked' to our standard and ready to enter one of our industry-leading SLA agreements.

Our SLAs don't offer 'twice-yearly visits', 'major', 'minor' or 'A' and 'B'. We begin with quarterly site visits, inspections, periodic sampling, and functional testing. In some of the most critical applications, our engineers support clients on a weekly and monthly basis.

## HOW ELSE CAN PLEAVIN POWER ASSIST YOU?

In addition to the quality generator servicing that we offer, we provide a wide range of other services that can greatly extend the lifespan of your generator. One such service is our generator repair service. Generator servicing repair is a generally common issue given the array of issues that can occur, such as battery failures, a blocked fuel filter, and sensor malfunctions, among many others.

We also serve as an emergency power supply source. This is especially important, as you would hope for a reactive response. A reactive response is something that we pride ourselves on, as we offer a 24/7 response to all clients in the Critical Power, Standby Power and Prime Power Sectors.

Should you be looking to migrate to a different location, we also offer diesel generator relocation that will remove any of the hassles of transporting your generator(s) while you are preparing to move.



# GENERATOR REPAIRS

Generators come in different shapes and sizes while running on a variety of fuel types, including Diesel, Gas, Biofuel and HVO (hydrogenated vegetable oil).

Without maintaining them correctly, they can fail when you least expect them and cause immeasurable amounts of business disruption.

All manufacturers provide a specified maintenance regime with the equipment when you purchase it.

Depending on the type, make, and application, different generators require different levels of repair and maintenance. Below are some of the factors that can determine the maintenance intervals:

- Engine run hours
- Poor performance
- Equipment application
- Operating environment
- Load profiles
- Fluid sampling results
- Previous service history
- Manufacturer recommendations

Not all equipment requires the same level of attention. However, undergoing maintenance will prevent failure and extend the life of the equipment.

## WHAT CAN BE DONE TO REPAIR GENERATORS?

Generators come in different shapes and sizes while running on a variety of fuel types, including Diesel, Gas, Biofuel and HVO (hydrogenated vegetable oil). Without maintaining them correctly, they can fail when you least expect them and cause immeasurable amounts of business disruption. All manufacturers provide a specified maintenance regime with the equipment when you purchase it.

It is essential to carry out the specified maintenance by qualified personnel at specified intervals. Failure to comply with the recommended maintenance may cause a breakdown and invalidate any warranty the manufacturer provides. Our high-quality generator repair services cover a wide range of generators, including diesel generators and other power generation units. Our repair specialists have you covered.



# ENGINE RECONDITIONING, OVERHAULS & SPARES

At Pleavin Power, we offer a complete engine reconditioning service for engines that have reached their end. With our engine reconditioning and engine overhauls service, we can 'Zero Hour' all components and accessories and return them to a 'like-new' condition before commissioning and placing the system back in service.

Occasionally some systems require removal from the installation or customers' machinery, in this case, it will be delivered to one of our two dedicated workshops. In our workshop, we can conduct a complete engine overhaul and engine reconditioning service where the work can be undertaken in a controlled and well-equipped environment.

Depending on the scenario, it is sometimes easier and more efficient to remove mobile equipment that has failed for repair and provide a temporary solution. Enabling us to run diagnostics, repairs and testing which will all be completed without causing disruption to the end-user. We do this where power continuity is a key element in the repair process.

## ENGINE REPAIRS

At Pleavin Power, we understand that engines can fail for a number of reasons, poor maintenance, poor fuel, poor operating conditions – the list is endless. When engine failure does occur, it is essential that the root cause can be identified so that any other adverse effects that could potentially occur as a result of the failure can be identified, rectified and verified during the repair process to ensure no further issues develop as a direct result of the original failure.

- Remanufacturing of existing components
- Fuel pump overhaul
- Injector overhaul
- Head skimming
- Valve lapping
- Cast iron welding
- Pressure testing
- Radiator repairs
- Cast iron welding
- Radiator repairs
- Turbo overhauls
- Mechanical fabrication
- Fuel system design, build and install
- Custom system design and build



# UPS SALES, SERVICING INSTALLATION & REPAIRS

At Pleavin Power, our UPS (Uninterruptible Power Supply) is designed to bridge the gap between the loss of primary supply and recovery. Doing this allows time for the source to either shut down or support the time it takes for a generator to recover. The design of the UPS system works in conjunction with your automatic transfer switch and standby generation assets.

As you are most probably aware, a power failure is inconvenient and can often result in the failure of sensitive equipment or loss of valuable data. It may just be that your process or application can not stand any power break at all. Depending on your back up system, a standby generator usually takes 20-60 seconds to start-up and begin taking the load. This effectively means that there is no power for that period of time without the support of the additional UPS system.

At Pleavin Power, our experienced UPS installation and UPS repairs team has helped every type of business. From general office environments, high-end data centre installations and major NHS hospital installations – a place where quality and reliability can not be compromised.

The UPS division offers hire, installation, servicing, maintenance and emergency repair of any UPS unit. It is also covered through a 24/7 manned emergency call centre, helping to ensure a rapid and reliable response when it is needed most.

We are also an authorised reseller of Riello UPS Products providing rapid access to UK stock, replacements and upgrades when required.

## OPTIONAL EXTRAS

At Pleavin Power, we also offer support on new installations, complete design and service, commissioning and decommissioning, repairs, spares and site surveys. All of this with the option to offer the full turn-key and project management solution for seamless system installation.

If you have any questions or would like to discuss how we can help you call our technical team on 0800 689 4803 or email [service@pleavinpower.co.uk](mailto:service@pleavinpower.co.uk)



# DIESEL GENERATOR RELOCATION

At Pleavin Power, we have developed a unique diesel generator relocation service. Our generator relocation service helps to reduce the hassle of relocation as your business grows, moves and scales. Moreover, the combination of our experienced engineers, technical engineering team and a modern, dedicated transport fleet ensures that if a client requires the relocation of an existing generator and ancillary systems – We are ready to complete the removal, relocation, installation and commissioning efficiently and safely as a full turn-key solution wherever and whenever required.

If relocation is on the agenda, why not book a site survey with a member of our experienced team to discuss your options and plan your power system relocation.


In the event that relocation is not an option, or you are simply looking to decommission, make safe and dispose of failed or aged assets. This service is your full turnkey solution. From disconnection, removal and transportation our team can assess, detail, plan and complete the full removal or disposal. In short, we offer service to ensure your equipment and site is left in a safe and operational condition.

We can also offer a buy back service or can simply deliver your equipment to an auction location of your choice.

## ADDITIONAL SERVICES

- Removal and re-installation
- Planning, Documentation & Design
- Replacement pipe work to meet OFTEC requirements
- Risk assessment and installation reporting
- Upgrades of existing Control Systems
- Commissioning & Modernisation of legacy systems
- Temporary fuel tank hire
- Civil Engineering
- Temporary Power System Hire
- Re-commissioning inspections to legislative requirements including G99
- Environmental storage impact/risk assessment services
- Resistive and reactive load bank testing services
- Handover, Documentation and Schematic creation services
- 3D/4D Modelling for visualisation service prior to installation
- Consultancy, Design & Support





# DIESEL GENERATOR FUEL POLISHING & DEFENCE SYSTEMS

At Pleavin Power, our expert team strive for an efficient and continued operation for all our clients. We understand that a clean fuel to a diesel generator is absolutely essential. That is to say, if diesel has been stored, unused or left uncirculated for a lengthy period of time – it can become contaminated. Furthermore, contamination is usually in the form of water, fuel tank deposits and has likely been an issue since the introduction of biofuel bacteria.

Pleavin Power offers a wide range of Diesel Generator fuel polishing services that aims to remove all contaminants. For instance, taking care of the fuel, returning it to its former state and bringing it back into operational ISO specification. In short, we do this using state-of-the-art techniques – including chemical treatments and multi-stage filtering. As a result, this not only removes any unwanted particles but is also kind to the wider environment.

Most importantly, regular fuel polishing and a routine sampling programme also ensure that a Diesel Generator will operate at maximum efficiency for longer periods and minimal disruption from contaminated fuel deposits.

Certainly, where routine sampling, polishing and continuous, monitoring is deployed – considerations should be made for the permanent installation of fuel recirculation units. That includes carefully considered levels of filtration and contamination detection. Most importantly, these systems can be designed, installed and commissioned based on your individual site requirements and fuel storage systems.

## PLEAVIN STANDARDS

Above all, we are qualified, industry-leading, extensively experienced power technicians:

- Our technicians are familiar with behaviour and protocol when working on Critical Uptime sites.
- Decades of power system related experience.
- Each of our technicians is literate in the OFTEC standards.
- Approved vendor status with most FMs and government facilities.
- Security clearance for even the most sensitive sites.
- Additive dosing and fuel stabilisation are delivered by our technicians prior to leaving every site.
- Safe contractor(s) & CHAS approved

# GENERATOR REMOTE MONITORING

At Pleavin Power, we offer the most accurate generator remote monitoring service available. Remotely monitoring the operation of a diesel generator power system can assist in drastically reducing downtime and inefficient operation. This is done VIA our manned 24/7 365 Customer Support Centre. Our team uses the latest telemetry systems as we remotely monitor the operation of a generation – while operating in any application or unmanned location.

Our Customer Support Centre will be alerted to a failure or potential issue relating to the functions of the generator. This is done via an online monitoring portal that grants you real-time information and system statuses.

Therefore, a field-based service engineer is ready to go to the site to ensure that the backup is all set up and running. This results in minimum downtime and inconvenience to the client's operation or day to day running.

Various controls are also available to monitor the likes of fuel, coolant levels, oil pressure, operating temperatures, battery statuses as well as power outputs. Moreover, the system helps to ensure the smooth running of essential – or backup power without having an engineer on the site to detect the issues.

Should an issue arise, our customer support centre can allow our expert technical support team to gain access remotely. This allows to diagnose issues remotely and advise on the best repair strategy to get back online as soon as possible.

For your generator monitoring needs, contact us today to reduce your downtime and inefficient operations.

## USING OUR GENERATOR REMOTE, WE CAN ENSURE:

- The generator will start on-demand
- The generator will only be out of service of the absolute minimum of time
- On-site visits are only reserved for emergencies or routine servicing
- Real-time information on the function and operation of the set is available
- The site remains available 24/7 365 for when it's needed most



# GENERATED & DISTRIBUTED POWER QUALITY SURVEYS

Our expert team use a combination of their extensive experience and the latest technology to conduct intrusive power quality studies. This can include localised equipment investigation through site-wide power studies.

Similar actions help to identify key areas of concern and areas in which significant improvements can be made. Once areas of concern are identified we can work with you to implement solutions. Some of them include installing preventative measures and advanced correctional equipment. Poor Power Factor, Harmonics & Electrical noise can all become a thing of the past.

It is important to note that in any application supported by onsite or mobile generation the load has to not only be considered for the sizing of the generator but the quality of the power that is to be consumed.

For highly inductive loads or highly capacitive loads, a generator oversizing calculation has to be completed to account for the adverse effects these types of loads have on generated power and the negative effect. It has on the overall system power factor.

In localised power generation poor power factors and harmonics can cause engines to work harder to maintain good quality output. In some cases, this can cause the generator rotor to overheat and fail when configured incorrectly.

A generator operating with a poor or unstable power factor will effectively be working twice as hard as required. Therefore, increasing wear and tear, maintenance, the chance of breakdown and fuel consumption.

## BOOK A SITE SURVEY

To discuss your generated & distributed power quality survey requirements, or to arrange a site survey, please call us or request a call back.



# GENERATOR REWINDS

## WHAT IS A GENERATOR REWIND?

Generator Rewinding is the process by which you are enabling an older motor to recover its productivity as seen when you first owned your generator. Most, if not all generators will feature winding coils, which can result in these coils wearing down with age. Hence the completion of generator rewinding is to implement new winding coils that will reinforce your generator as found prior.

The wear of these coils will naturally deteriorate over time as like all machinery – these are susceptible to wear and tears. As such, it is particularly important to gauge the conditions of your generator, especially if you don't wish to lose power.

When you discover that your copper windings are damaged, it is paramount that you replace them to regain your once optimum performance. To locate these copper windings, they can be discovered in the rotating portions of your generator as well as the stationary.

These copper weldings will also be supported by thin layers of steel that are stacked together for additional protection. As our experts undergo the generator rewinds process, often is the case that the steel present will also be replaced.

The generator rewinding service that we offer is just one of many actions that will ensure the longevity of your generator. Allowing you to save money by restoring the condition of your generator whilst increasing the longevity of it also. Should you have any questions or concerns regarding your generator and have concluded it may be about generator rewinds, feel free to get in touch with us today.

Alternatively, we also have generators for sale and for hire.



# GENERATORS FOR HIRE

Due to the need for constant power, an out-of-commission generator or even a power failure can grow into a major situation. To help prevent this crisis, we offer a generator-for-hire service. With our cost-effective generator hire UK service, we provide generators ranging from 30kVA to 1600kVA with internal 8-hour fuel tanks.

We can also supply an array of fuel tanks to increase the runtime and efficiency of the generator. Larger units have synchronising capabilities, meaning our largest available hire package is over 10mVA.

Our Generator Hire Service is available on long- or short-term rental contracts. Whether it is for planned routine work or reactive emergencies, the service will meet your requirements. Our experienced service team can manage the logistics from the delivery through to the commissioning of any temporary hire systems.

This service includes an on-site assessment of how to install a temporary generator safely and sustainably. Contact us and secure your generator today. In addition to our generator hiring options, we also have a wide range of generators for sale.

## GENERATORS

We have a wide range of power generators for rental, ranging from 30kVa to 2000kVa. These generators are of the highest quality; they are super silent and fuel efficient.

## CABLES

Cables are also available to hire, anywhere from 50m to 500m. Our cables contain powerlock connectors, allowing you to connect your generator most safely.

## FUEL TANKS

Our double-bunded storage tanks allow you to increase the run time of your machine. These ADR-compliant fuel tanks are the best around.

## TRANSPORT

In our fleet, we have a Man multi-axel ridge heavy goods vehicle with a Fassi crane that has a reach of 16m and a Max load of 16000kg.

## ATS

Transfer panels are ready for rental, ensuring there is no downtime if the grid goes down. The generator will be online via our transfer panel in a matter of seconds.

## LOAD BANK

We currently have two road-towable load banks that can facilitate a wide range of testing on power or cooling systems.

# PURCHASE A GENERATOR

Introducing our latest innovation in power solutions: our brand-new range of generators. Engineered to provide a seamless end-to-end solution, these generators are poised to revolutionise the way businesses approach power backup needs.

Catering to a diverse spectrum of industries including data centres and hospitals, our generators offer unparalleled reliability and performance. Equipped with Cummins and Stamford alternators as standard, they ensure optimal efficiency and durability.

What sets us apart is our commitment to keeping your operations running smoothly; with all fast-moving parts readily available in stock, downtime becomes a thing of the past.

As we gear up for the imminent launch in the coming weeks, we invite you to take the first step towards securing uninterrupted power for your business by filling in the contact form below. Experience the power of reliability with our new range of generators - your gateway to seamless operations and peace of mind.





# POWER INSTALLATION & GENERATOR PROJECTS

Power Installation Projects refer to the planning, design, and implementation of power infrastructure in a manner that ensures a reliable and uninterrupted supply of electricity to critical facilities such as data centres, hospitals, military installations, emergency response centres, and other essential operations.

Our Power Installation and Generator Projects are essential for maintaining the continuous operation of critical systems and equipment. If you require critical power supplies, Pleavin Power is available 24/7 to make sure that you have everything you need.

## GENERATORS

If you need any kind of critical power system, our vastly experienced team is here to help support your business and provide instant power whenever necessary. Almost all businesses in the 21st century rely on continuous power supplies to keep everything running. This is why it is always important to have the most reliable power supplies to ensure your productivity never falters.

## DIESEL GENERATOR INSTALLATIONS

Our team are experts in all things diesel generators. We have been delivering and installing generators of all shapes and sizes to customers all over the UK for many years, which has given us a keen expertise in these machines and the people who may need them.

By choosing one of the high-quality generators in our selection, you will be guaranteed an excellent unit that will last a lifetime. Coupled with our excellent maintenance services, you can rest assured that your generator will fit the exact needs of your business.

If you are looking for a backup power source, installing a diesel generator is one of the greatest decisions you can make. Our units can all be used as secondary sources of power should your primary energy source go out of operation.

A photograph of a large industrial generator unit installed in a white metal building. The building has a sign that reads "PLEAVIN POWER 24/7 GENERATOR SPECIALISTS" and another sign that says "WORKSH". The generator is a large, white, rectangular unit with multiple ventilation grilles. A large black pipe runs horizontally across the top of the generator. The background is a clear blue sky.

# POWER INSTALLATION & GENERATOR PROJECTS

## TURNKEY SOLUTIONS

Turnkey solutions refer to products or services that are delivered to the customer in a ready-to-use or “turnkey” condition. In a turnkey solution, the provider takes full responsibility for all aspects of a project, from the initial design and planning stages to the final implementation, commissioning, and often ongoing support and maintenance.

As the customer, you will essentially receive a complete product or service that is ready to be used without having to manage or oversee the various components or stages of the project.

Pleavin Power’s turnkey solutions are designed to completely satisfy our customers. We make sure that there is as little for you to do as possible, as we aim to have everything up and running for you. Our generators for hire are perfect turnkey solutions that you can opt for when in need of extra power for your business.

## WHO CAN WE HELP?

Among the many different industries in which we can assist, we believe that it is important to extend our reach to as many individuals or businesses as possible. Industries such as the healthcare sector and retail outlets are vital to everyday life, so we make it our duty to support these sectors wherever possible.

- DATA CENTRES
- INFRASTRUCTURE
- HEALTHCARE
- RETAIL
- PHARMACEUTICAL
- MILITARY
- EDUCATION
- UTILITIES





# DISASTER RECOVERY

If your business or household has recently been involved in a disaster and you are wondering the best ways in which you can recover from such a catastrophic event, there are, luckily, a number of steps that you can take to help yourself while also reducing the risk of this happening in the future. Disaster recovery work focuses on minimising downtime for organisations and data loss in the event of a disaster, such as natural disasters, cyber-attacks, power outages, or other disruptive events.

The primary goal of a disaster recovery plan is to ensure business continuity and the ability to recover critical systems and data. Having a strategy in place for unexpected events is vital for business continuity planning and making sure everything remains operational.

## DISASTER RECOVERY AT PLEAVIN POWER

At Pleavin Power, we are able to assist you with any disaster recovery strategies that you require and can provide certain tools, such as power generators, that can help data centres and hospitals solve/prevent occurrences like this in the future.

We have been delivering generators to clients across the UK for many different years and are proud to be able to help so many people solve their power supply problems. Backup generators play a key role in disaster response as they provide power during a storm, earthquake, or simple power outage. If you are in need of any further information or would like some guidance with your disaster recovery, please get in touch with a member of our team at 0151 832 5007 or email us at [service@pleavinpower.com](mailto:service@pleavinpower.com), and we will be sure to answer all of your questions and queries.



# CONTINGENCY PLANS FOR POWER OUTAGES

If you are currently living in an area that is commonly hit with power outages, it is important that you begin to plan ahead for any future outages that may occur. No matter if you are planning as an individual or as an organisation, these steps will be vital.

As an individual, power failures can disrupt your leisure time, cooking, and many other daily necessities that you require, so it is vital that you have a contingency plan set up so that you do not feel the effects of an outage as harshly.

For organisations and businesses, a contingency plan is vital to make sure that you can continue your regular operations even during an outage. Most businesses in the 21st century rely on electricity, so you cannot afford to go without it.

## **HOW CAN WE HELP?**

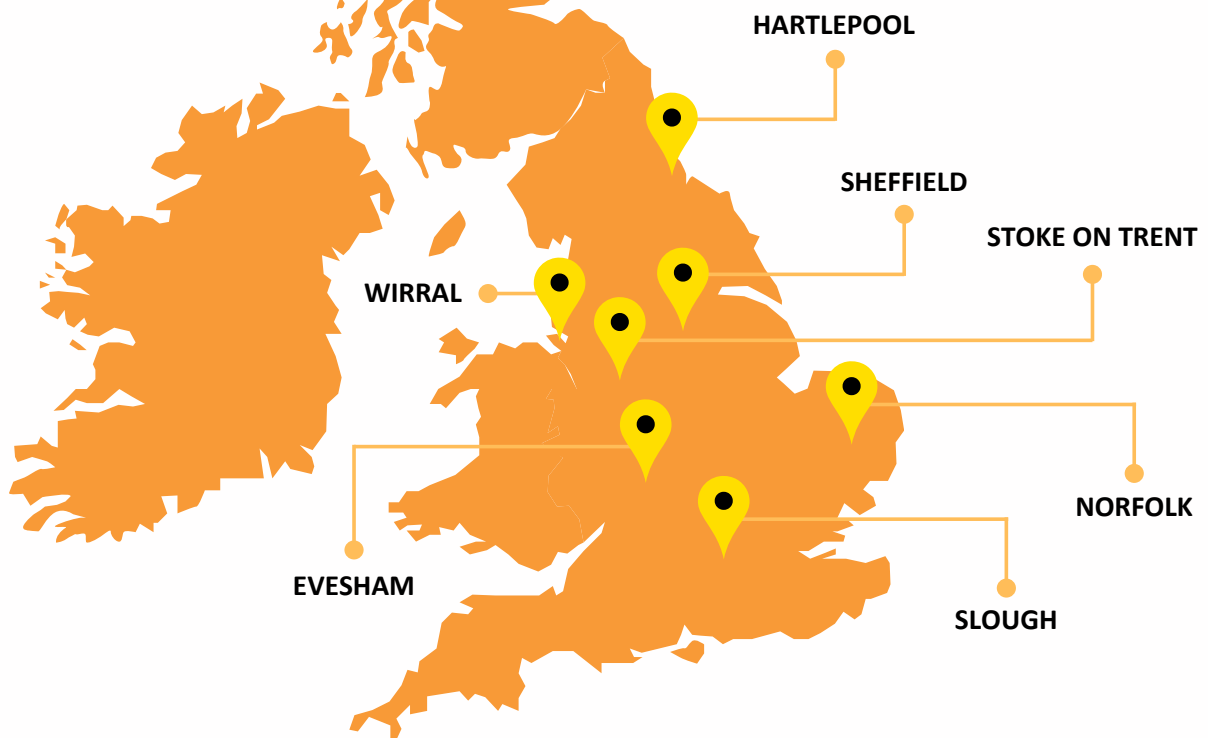
At Pleavin Power, we have many years of experience in providing generators to people all over the UK. No matter if you are in need of a generator for hire or if you would like to purchase a unit, we are happy to deliver whatever you need.

We are also able to provide you with a number of generator repair services that will get your malfunctioning generators back to showroom quality. Our team of professionals are always available to chat if you are in need of any advice or have any questions you would like to pose.

One of our main goals is to provide stringent contingency plans to all of our customers to make sure that you are prepared for any eventuality. Power outages can be detrimental to the productivity of your business which is why purchasing a generator from our stock is vital to keep your business operational.

If you are in need of any further assistance, be sure to get in touch with us at 0151 832 5007 or email us at [service@pleavinpower.com](mailto:service@pleavinpower.com) and we will be happy to answer all of your queries.

# NATIONWIDE SUPPORT 24/7



Pleavin Power was established in 2017, and since then, we have grown significantly in size and capability. Today, our business provides critical power services to some of the nation's most important businesses and organisations. As we inevitably continue to grow, we are proud to carry the same family values of teamwork, exceptional standards, and service that we have had since day one.

*"We have worked with Pleavin Power since inauguration and they have supplied us with unwavering and outstanding maintenance and service support for industrial and commercial power generation contracts. Their commitment to quality, environment and professional working standards is impeccable. Reinvestment to procedures and working practices over the years has been exemplary. Value provided by Pleavin Power directly and indirectly has been and continues to be a very good strategic procurement option. For me transparency and accountability is very important in developing strong and efficient working relationships. Pleavin Power is a top tier supplier they align and continue to exceed our supply chain requirements in all aspects. I could write several thousand words on Pleavin Power's positive performance. Highly recommended"*

*Bret Bardsley, Technical Director, Dynamic Mechanical Services*



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