

ALWAYS ON STANDBY

GENERATOR LOAD BANK TESTING SERVICE

In an emergency power failure situation many businesses rely on a standby generator to enable their operations to continue and provide electrical power to critical applications within the organisation.

If you rely on a standby generator it is vital that it is regularly checked and tested as near similar conditions as when it will be required in an emergency situation to ensure that it is capable to provide the emergency supportive power you rely on a daily basis. Even if you regularly start your generator and it appears to be working satisfactorily, would you be absolutely confident that it would be able to operate under varying conditions of load demand and ultimately that it won't let you down in a power crisis.

In order to limit this risk of under performance from your generation equipment in a loss of power panic situation, CPS are easily capable of regularly load testing your equipment to avoid these situations, highlight any weaknesses with the equipment and implement corrective preventative action before a power failure occurs which otherwise could become a potentially financial disaster to you the client.



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Imagine leaving your car on your drive for a few months and just starting it up periodically - at the end of this time would you be confident to get in and drive it on an extended road journey? In all likelihood, you wouldn't. So, don't stand by and let your generator fall into disrepair, organise a Generator Load Bank Testing Service on a regular basis from a company you know and trust - Central Power Services (CPS).

WHAT DOES LOAD BANK TESTING ACTUALLY TEST?

- Your generator engine's ability to provide the required power during normal conditions.
- The alternator's ability to provide the required voltage stability of varying loads.
- The efficiency of the control systems under varying load.
- Whole system performance.
- Oil and fuel pressure.

WHAT ELSE WILL IT DO?

- Improve performance by removing deposits from internal workings such as pistons and casings.
- Highlight weaknesses and potential problem areas.
- Generate a written report of all results and any work completed/recommended.

100% CERTAINTY, 100% PEACE OF MIND

Many companies are naturally very apprehensive about self-testing their generator system by turning off their power supply and leaving the change over panel to switch power source. By choosing CPS to fully test your generator under simulated critical load conditions, you have the reassurance of knowing that there is a highly trained service engineer on site to remove all concerns and answer any questions you may have during the testing.

ARE YOU RUNNING YOUR GENERATOR ON A LIGHT LOAD?

If your generator engine operates on a load of less than 30% you may experience heavier than normal lubricating oil consumption, oil leaks and general heavy smoke exhaust fumes. It is important that you contact CPS to book a Load Bank Test to ensure your generator can operate efficiently in the event of a full power failure.

THERMAL IMAGING

In conjunction with our Load Bank Testing Service, customers often book a Thermal Imaging Service of their power systems at the same time. An engineer will identify any possible faults in your changeover equipment using non-intrusive thermal imaging equipment. Any faults are identified early on, and before full breakdown, which helps you prevent downtime, damage, loss of production and risk of fire. For more information contact us and ask for a thermal imaging survey.

**CALL NOW, TO ARRANGE YOUR
GENERATOR LOAD BANK TESTING SERVICE**

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Generating Confidence



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