

## GENERATOR LOAD BANK TESTING

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### Why it's important

- **Load bank testing is the best method to confirm your generator is capable of operating successfully during a power outage**
- **Identify mechanical issues in advance, before a critical outage**
- **Ensure fuel quality and fuel delivery to the engine**

Your generator is an important investment and an essential asset for business continuance in the event of a power outage. As with any piece of mechanical equipment, proper maintenance is vital to its performance. Generators are typically out of sight and out of mind - often neglected until a critical power outage. When generators fail to perform, it's usually the result of a minor issue that could have been prevented with proper maintenance and testing.

During weekly exercising, the generator runs for a short period of time which doesn't confirm that it is capable of performing during an extended power outage. Load bank testing your generator helps ensure proper performance, providing peace of mind that your system is prepared to keep your facility up and running during an outage.

- Beneficial for both diesel and gaseous generators
- Confirms the cooling system can sustain cooling under heavy loads
- Confirms your generator is capable of running under load
- Exposes hidden performance issues
- Exposes fuel delivery or fuel volume issues
- Exposes fuel quality issues such as contaminants
- Prevents wet-stacking by cleaning engine of built-up carbon deposits



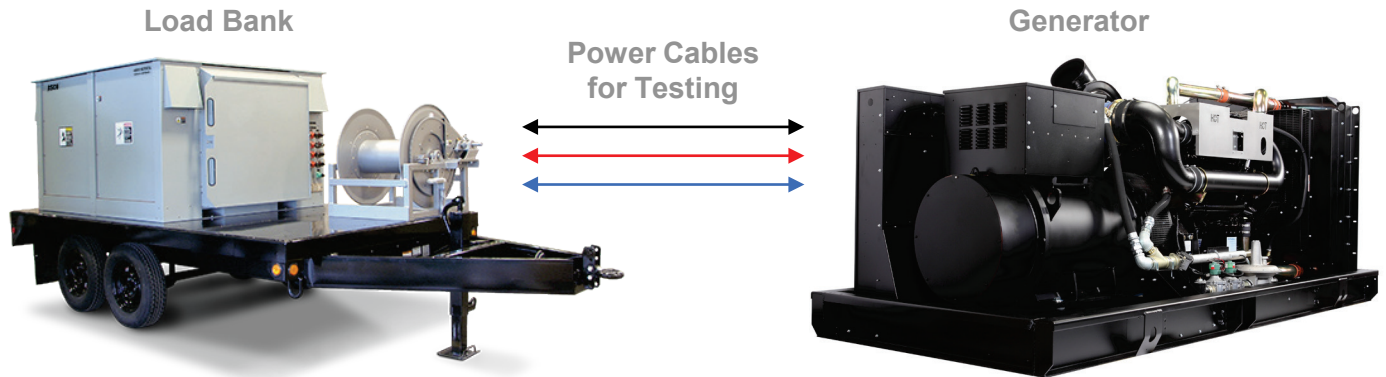
**Load Bank Testing Verifies 100% Performance of Your Generator**

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## How it works

Load bank testing connects an ancillary load to the generator system at 100% of the generator's designed power output, assuring it can perform under heavy load conditions.

Weekly generator exercising is important, but only confirms that the generator system is capable of starting, running, and transferring the load. Load bank testing exposes issues that may not be identified during weekly exercising.



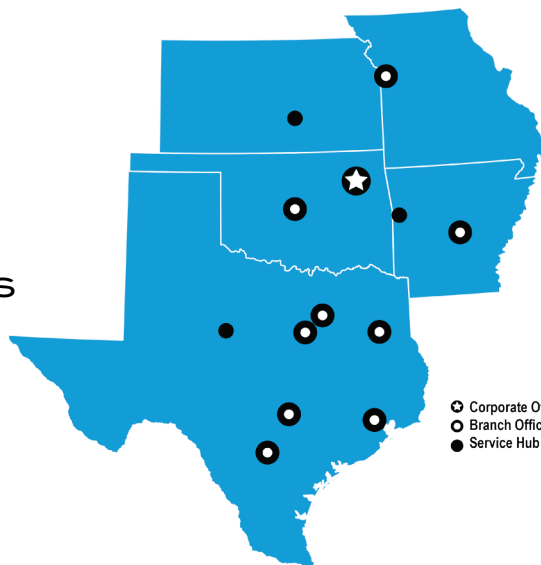
- A Clifford Power technician brings the equipment to your generator site and connects the load bank to the electrical output of your generator.
- The technician applies the appropriate electrical load steps from the load bank and documents the performance readings throughout the test.
- This proactive testing allows you to identify and address repairs on your schedule vs. trying to address them during a critical outage.

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