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## Load bank testing will ensure your generator functions properly when you need it

A load bank test provides an artificial load that brings the engine to an acceptable operating temperature, ensuring functionality when your business needs it most. A load-bank test is an essential part of any preventive maintenance practice to ensure your standby generator performs in the event of a power failure.

[www.kinsley-group.com](http://www.kinsley-group.com)

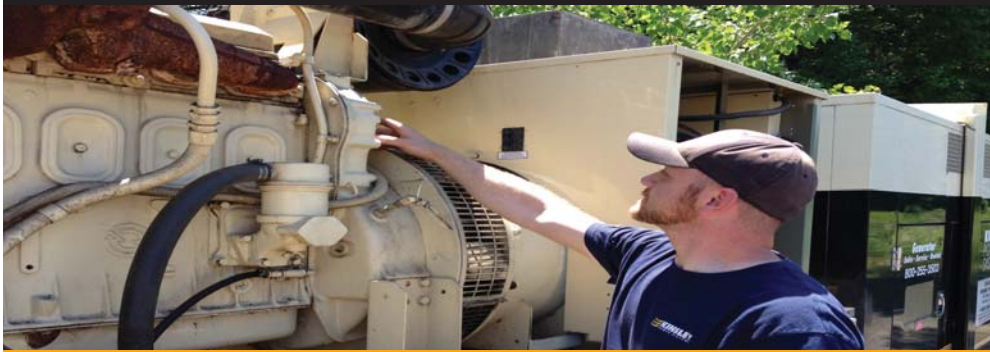


## Is your generator really ready for the next power outage? Load banking will make sure!

Load banking checks the generator engine's ability to perform and provides the required horsepower needed in an emergency. Generators typically run at a level less than the unit's rated output capability which is why testing is so important. By providing an artificial load to the generator, the engine is brought to a full load operating temperature, ensuring functionality in a power failure.

Over time, lightly loaded generator sets can also develop wet-stacking and carbon buildup in the combustion chambers and exhaust system, which can lead to increased oil and fuel consumption and poor engine performance. The use of a load bank helps prevent wet-stacking and determines the generator's capability to produce maximum output in terms of amperage and horsepower. At minimum, a load bank test should be performed on an annual basis to improve the life of the engine and alternator.

## Protect your investment with load banking



### How Does It Work?

A trained service technician will come right to your facility with a machine called a load bank. We hook it up to your generator and flip a switch. The generator will have load applied to full rating.

We start the generator off slow, by having it work as if it needs to provide power at just 25% of its capacity. As each hour passes, we increase the load by 25%. At the end of four hours, your generator will have run at 100% capacity and any problems will be apparent.

Load banking also cleans the generator by removing all the carbons from of the engine.

### Corporate Headquarters

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[kinsley-group.com](http://kinsley-group.com)

Also serving you with locations in:

- Brewster, NY
- Albany, NY
- Syracuse, NY
- Buffalo, NY



### Wet Stacking Damage

When a diesel generator runs below its designated operating temperature for extended periods, unburned fuel is exhausted and noticed as wetness in the exhaust system. The effect of this "wet stacking" can be:

- Injector Failure
- Turbo-Charger Performance
- Valve Wear
- Lubrication Oil Performance
- Piston and Ring Damage

### Rely on Superior Service

Kinsley is the only generator company to have local coverage from Boston to Buffalo and the Canadian border to metro New York and beyond. Kinsley has technicians strategically located throughout the region, offering emergency response 24 hours a day, seven days a week.

Our technicians are power generation specialists. They work on generators, transfer switches and switchgear day in and day out. We never dispatch engine mechanics or electricians - our service technicians have training on the whole system.