

ON-SITE

Load Bank Testing

PROGRAM



A comprehensive testing and diagnostic plan designed to ensure your backup generator will work at peak efficiency if needed.

Because you CAN'T afford to be without power.

PENN POWER SYSTEMS
Power Generation Systems Specialists

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Most generator sets are installed as emergency standby and seldom run under load conditions. If you ever experience a power outage, brownout, or other electrical problem that necessitates use of your backup system you want to be 100% certain that the backup power will run at 100% efficiency.

To avoid reduced performance, or complete failure of your backup emergency power system, you need periodic load bank testing at **100% load** to ensure complete system reliability and peace of mind. Anything less than 100% load testing can potentially jeopardize your backup system when it's needed most.

By setting up a Penn Power Systems load bank performance test you can...

- determine engine and generator problems before expensive failures
- ensure the quality and reliability of your standby power system
- satisfy requirements of NFPA 70,99,110 and J.C.A.H.O. for load testing of emergency power systems
- reduce maintenance costs associated with running equipment under less than 100% loaded conditions



**BENEFITS OF
PENN POWER SYSTEMS
LOAD TESTING SERVICES
INCLUDE:**

- verifying engine and generator performance
- eliminating "wet stacking"
- reseating piston rings and components
- determining cooling system efficiency
- checking voltage regulator, governor and fuel system response
- evaporating moisture from generators and electrical components
- detailed inspection and test reports

We have trailer mounted testing equipment with full instrumentation and extended cable lengths for most applications:

- resistive and reactive load banks to 2000KW
- testing with single voltages at 120/208, and 240/480 with a load step resolution of either 5KW, or 50KW at 50/60 HZ
- medium voltages through 15,000 volts

*For a **FREE**, no obligation consultation, or information on our generator equipment, rentals and planned maintenance contract and non-contract repair services contact the location nearest you.*

**1-877-PEN POWR or
www.pennpowersystems.com**



PENN POWER SYSTEMS
Power Generation Systems Specialists

A Division of Penn Detroit Diesel Allison

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