

“A resistance-only load test confirms the engine’s ability to crank out a given kW, and the generator’s ability to deliver an equivalent (equal) amount of kVA. It does not put the generator through the same paces it would experience under actual operator conditions. In effect, **only engine performance is validated in a resistance-only test. Reactive load bank testing is the only way to test your generator to it’s fullest potential.**”

- Ed Palko, Senior Editor of Plant Engineering, a subsidiary of Reed Business Information

# LOAD BANK TESTING



**FOLEY POWER SYSTEMS**  
HAS THE SOLUTIONS FOR ALL  
YOUR LOAD BANK NEEDS



# LOAD BANK TESTING

Many generator sets are installed as Standby for use during emergency conditions and are seldom run under full load conditions. As our partner we want you to be 100% assured that your backup generator system will be functional and available whenever you need it.

Don't get caught in the dark... protect your facility from the risk of losing power and quality of power by scheduling a full load test and inspection to ensure your backup system will be ready when you need it.

## BENEFITS of Foley Power Systems Load Bank Testing Services Include:

- Verifying the quality and reliability of your standby power system including engine and generator performance
- Satisfying requirements of NFPA 70, 99, 110 and J.C.A. H.O. for load testing of emergency power systems
- 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

### Reactive Load Bank Benefits

- > A reactive load bank fully tests your standby system, helping assure its ready for a possible power outage.
- > A resistive load bank *only* tests the engine's performance.
- > Reactive load bank testing is the only way to test your equipment components to its fullest potential.



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

- Resistive and reactive load banks 100kW- 2640 kW
- Portable units- all sizes
- Multiple voltages available along with accessories, including rental transformers and power feeder cables, on a weekly and monthly basis



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**FOLEY**  
POWER SYSTEMS



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