

Run-Hour Maintenance Program

Services Based On Hours Of Operation

A Simple Solution

Engine-driven systems, such as cogeneration systems, engine-driven chillers and refrigeration systems, accumulate wear and tear over the course of normal operation. Keeping these complex mechanical systems operating at peak efficiency is a function of properly maintaining them.

Protecting your investment is a full time job and one that should be left to the experts. At American DG Energy, our service group prides itself on maintaining your engine driven systems to their highest level of performance. Our factory-trained service technicians will help keep your engine-driven cogeneration systems running at peak efficiency for years to come. We help keep many of our customer's modules running strong at over 100,000 operating hours.

The Run Hour Plan Basics

Our Run-Hour Service product provides a complete maintenance and service package that is based solely on the Equivalent Full Load Hours of equipment operation.

With our Run-Hour Service product we are able to implement a regularly scheduled maintenance program based on the use of the machine.

As a part of the design of our Run-Hour Service, we look at both the engine systems and the mechanical systems they drive. We then assess the potential for wear and tear as a result of their utilization.

A properly maintained natural gas fired cogeneration module will typically operate for over 100,000 hours. Having a full service maintenance contract will assure a lower operating cost.

We perform standard preventative maintenance that includes keeping the engines for these engine-driven systems operating at maximum efficiency by ensuring that each engine is tuned and working at its peak.

Mechanical System Maintenance

But, we don't stop there. We also service the Generator, Chiller or Refrigeration side of your engine-driven system.

We will perform a preliminary assessment of these components and provide you with a report on their status and the status of other mechanical systems that directly affect the run-time performance of your site's engine-driven mechanical system.

Your cost of maintenance is determined by a run-hour charge that is based on the type of equipment we are servicing. Our simple Service Contract format is written in plain English and clearly defines what services we will be providing your facility.

Our Run-Hour pricing system is dependent and based on the historical annualized run time for the cogeneration, chiller or other engine-driven technologies that are on site.

When you sign up for our Run-Hour Service Plan you can rest assured that one of the most experienced

service staffs in the industry is available to meet your maintenance needs.

Our goal is to provide you with a cost-effective means of keeping your facility's engine-driven mechanical systems functional. We can help you maintain your systems so that they cost the least to operate, and we will also help you avoid the "headaches" caused by unforeseen catastrophic failures due to poor machine maintenance.

If you are installing a new engine-driven system, having our factory-trained mechanics service and maintain your equipment assures you of top-quality service using OEM parts and never imitations.



Our People Make Our Business

Our business is a business that relies heavily on the quality of the work that our people provide for our customers. Our Service Centers have technicians who take pride in the work that they do.

Our service technicians are strategically located throughout the region and are usually located less than two hours from your facility. Our fully stocked service trucks allow our technicians to carry the tools and parts necessary to meet your service needs in an efficient and timely manner.

All technicians are factory trained, highly skilled and proud to service your equipment. Our people make our business.

QUALITY | RELIABILITY | DEDICATION

Our Run-Hour Services Include:

- Complete engine maintenance from start-up to tune-ups, oil service, head rebuild and full engine replacement all based on Full Load Operating Hours
- Inspection and service of engine-to-generator coupling
- Inspection and preventative maintenance of all supply and return pumps
- Inspection and service of heat exchangers, sensors and electro-mechanical control valves
- Unscheduled repairs to Tecogen cogeneration module electrical and mechanical systems including exhaust and fresh air intake systems.
- Standard "24 Hour Emergency Response" Package

American DG Energy Inc.

45 First Avenue

Waltham, MA 02451

p: 781.522.6000

f: 781.522.6050

info@americandg.com

www.americandg.com

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