

GENERATOR SERVICE & PLANNED MAINTENANCE



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THE POWER TO PROTECT YOUR BUSINESS



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GENERATOR SERVICE & PLANNED MAINTENANCE

Be Prepared— Protect Your Investment

Power failures can occur anytime. Without warning, an accident, mechanical failure, excessive power demand, fire, hurricane or other natural disaster can leave you without power. That's a crisis situation in which you expect your huge investment in standby power generation equipment to pay for itself by operating immediately. Generator Service & Planned Maintenance performed by Stewart & Stevenson will help ensure those generators provide a seamless transition from no power to the continuous power needed to keep your business in operation.



For Power Continuity

Whether you have one standby generator or a fleet of generators providing prime power, you can prevent downtime and protect your business with generator service and planned maintenance by Stewart & Stevenson. Like any other piece of machinery, a generator, if not properly maintained, will deteriorate over time. Problems can arise or go unnoticed if the unit is not inspected and tested on a regular basis. With Stewart & Stevenson's scheduled maintenance and a small investment in replacement components, your power generation equipment will not only be ready when needed, but will continue operating as required throughout its service life.



Skilled Technicians

Stewart & Stevenson's certified technicians provide skilled maintenance on all power generation equipment, regardless of the make, model or fuel source. Following manufacturer recommendations, we establish a maintenance schedule for each unit that will ensure maximum service time and proper operation. Our planned maintenance program includes:

- Inspecting all systems
- Timely removal of worn out parts and component upgrades
- Checking fluid levels
- Inspecting battery and cleaning all connections
- Load bank testing
- Verifying control panel readings and indicators
- Changing fuel and air filters

We eliminate environmental concerns by properly disposing of used fluids, filters and batteries.



The Stewart & Stevenson Schedule of Maintenance Checks

Coolant System

- Radiator air restriction, hoses, connections, fluid concentration, belts and louver operation

Air Intake System

- Check for leaks, holes and loose connections

Fuel System

- Fuel levels and pump

Exhaust System

- Check for leaks, restrictions and flush condensation cap

Electrical System

- Review meters and battery fluid
- Recharge if needed
- Annual, semi-annual and quarterly checks

Maintenance (Annual)

- Change oil, filters

Engine Not Running, Check:

- Electrical
- Oil and coolant levels
- Leaks, holes and connections

Battery & Charger (Semi-Annual)

- Load, acid and specific gravity
- Corrosion cleaned
- Charger output (adjust if necessary)

Fuel System (Check Only)

- Leaks, water, sediment checks
- Day tank – float switch pump
- Governor linkage

Coolant System (Check Only)

- Antifreeze, radiator and cap
- Leaks, hoses, belts and tension

Intake & Exhaust (Check Only)

- Air cleaner, turbocharger, muffler and traps
- Leaks
- Breather, flex pipe, rain cap

Generator

- Diodes, end bearing, brushes and folder
- A.C. wiring, exciter stator, overspeed switch
- Breakers

Controls

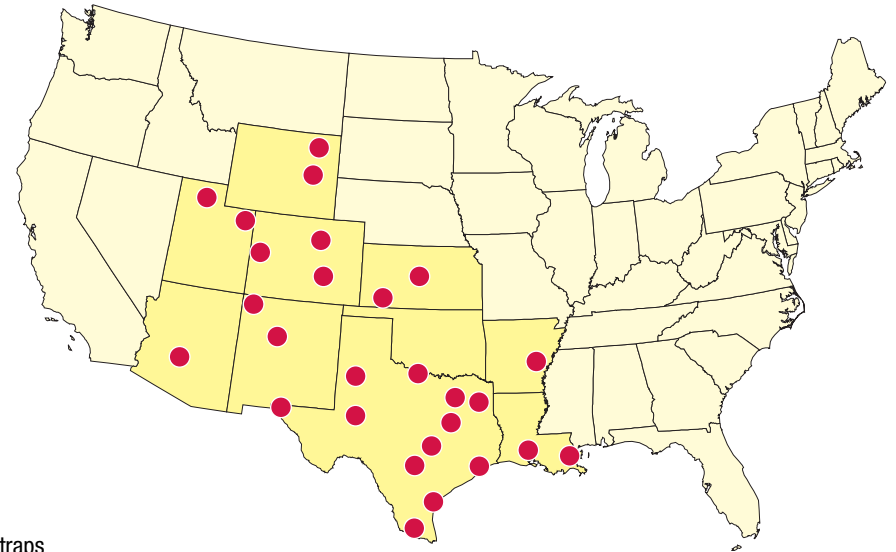
- Voltage regulator, wiring relays, monitors and bulbs

Transfer Switch

- Time delays, exerciser clocks (adjust or reset as necessary)
- Clean cabinet

Engine Running

- Record A.C. output
- Frequency
- Amps under load
- Instruct owner



STEWART & STEVENSON SERVICE LOCATIONS