

Emergency Systems Service Company

**401 O'NEILL DRIVE
QUAKERTOWN, PA 18951-0394
PH. (215) 536-4973 * FAX (215) 536-7413**

Planned Maintenance Agreements

- Plan A** Annual Service Agreement (1 Service visit per year)
- Plan B** Semi-Annual Service Agreement (2 Service visits per year)
One Planned Maintenance Visit
One Checks and Operational Tests Visit
- Plan C** Quarterly Service Agreement (4 Service visits per year.) (Every 3 months)
One Planned Maintenance Visit
Three Checks and Operational Tests Visits
- Plan D** Monthly Service Agreement (12 Service visits per year.) (Every month)
One Planned Maintenance Visit
11 Monthly Checks and Operational Tests Visits

* All Planned Maintenance Agreements through Emergency Systems Service Company are completely customizable to suit your needs and requirements.
Any Services can be added to, modified, or combined to keep your Stand by Power System in peak operating condition and meet any required certification tests.

Additional Service Suggestions:

- ✓ Fluid Sample Analysis. Including Oil, Diesel Fuel and Coolant.
(Recommended Annually)
- ✓ Change Air Filter Element(s)
- ✓ Gaseous Engine Major Tune Up (Spark plugs, Ignition System etc.)
(Recommended Annually)
- ✓ Engine Starting Battery(s) Replacement.
(Recommended every 3 years)
- ✓ Building Load Testing and/or Simulated power failure test.
(Recommended Annually)
- ✓ Resistive Load Bank Testing and/or Certifications
(Recommended Annually)
- ✓ NFPA Load Bank Testing
(Recommended Annually)
- ✓ Cooling System Service including Fluids, Belts, Hoses, etc.

Standard Plan Coverage's

Preventive Maintenance & Operational Tests Visit*	System Checks & Operational Tests Visit*
<ul style="list-style-type: none"> ** - Change Engine Oil and Filter(s) ** - Change Fuel filter(s) (as required) ** - Change Cooling System filter(s) (as required) ** - Check/Service all fluid levels (oil, Coolant, etc.) ** - Check Coolant Levels and Protection level ** - Pressure Test Cooling System ** - Service/Load Test starting batteries and cables ** - Check/Adjust DC battery charging system(s) ** - Inspect/Adjust drive belts ** - Check air cleaner elements ** - Inspect fuel supply system for visible defects ** - Inspect Day Tank System(s) as required, for visual defects ** - Inspect main generator/rotor assemblies ** - Inspect Generator Breaker and Connections. ** - Clean/Polish DC commutator & slip ring assembly (if applicable) ** - Inspect unit controller for visible defects ** - Check/Correct minor fuel, water, and oil leaks ** - Check/Tighten all hoses and lines ** - Check/Adjust Gaseous Engine Ignition System ** - Check/Adjust Diesel Engine Fuel Injection System ** - Test run unit (under No-Load conditions) ** - Check/Inspect exhaust system for leakage/deterioration ** - Check/Adjust generator output voltage and frequency ** - Check main generator and controller operation ** - Check all pressures, gauges, and instruments ** - Check safety shut-down devices ** - Inspect automatic transfer switch for visible defects ** - Service/Clean/Lubricate and adjust all unit components and assemblies where necessary for proper operation. ** - Submit Service/Inspection and Operation Report for system owner's evaluation. 	<ul style="list-style-type: none"> ** - Check/Service all fluid levels (oil, Coolant, etc.) ** - Check Coolant Levels and Protection level ** - Service/Load Test starting batteries & cables ** - Check/Adjust DC battery charging system(s) ** - Inspect/Adjust drive belts ** - Check air cleaner elements ** - Inspect fuel supply system for visible defects ** - Inspect Day Tank System(s) as required, for visual defects ** - Inspect main generator/rotor assemblies ** - Inspect Generator Breaker and Connections. ** - Inspect unit controller for visible defects ** - Check/Correct minor fuel, water, and oil leaks ** - Check/Tighten all hoses and lines ** - Check/Adjust Gaseous Engine Ignition System ** - Check/Adjust Diesel Engine Fuel Injection System ** - Test run unit (under No-Load conditions) ** - Check/Inspect exhaust system for leakage / deterioration ** - Check/Adjust generator output voltage and frequency ** - Check main generator and controller operation ** - Check all pressures, gauges, and instruments ** - Check safety shut-down devices ** - Inspect automatic transfer switch for visible defects ** - Service/Clean/Lubricate and adjust all unit components and assemblies where necessary for proper operation. ** - Submit Service/Inspection and Operation Report for system owner's evaluation.

- All Maintenance Agreements include Labor, Travel, and Mileage costs. Oil, Oil filters, Fuel filters, and coolant filters as required for each unit serviced.
- Additional repairs that require labor, parts or materials needed to bring the covered unit into operational status will be invoiced separately.
- Additional repairs performed only when deemed necessary by the attending Service Technician and only with the systems owners consent. The total cost of the invoiced service including labor, parts, and materials shall be discounted at ten percent (-10%)