



- Satisfactory
- Unsatisfactory
- Urgent

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**INSPECTION AND PREVENTIVE MAINTENANCE
 SERVICE REPORT**

Customer Name	Power Gen Enterprises
Equipment Location	11411 Cumpstom Street
Equipment Model	KTA 38G1
Equipment Serial No.	33125625
Unit No.	Lawson Yard
Hours	149.4 to 150.6
KW	750
Voltage	480

Work Order 22818
 Field Tech Stephen Arcouette
 Tech email SA
 Reviewer jauer@cagenera

Date 5/5/2020
 Generator Model 750 DFJA
 Generator Serial No. J930522932
 Service Interval

- M Q SA A LT
- LTO PM3 AF OS FS
- CS IS BATT FP RFP

Service Items	Satisfactory	Unsatisfactory	Comments
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Service Items	Satisfactory	Unsatisfactory	Comments
Cooling System			
Radiator/Heat Exchanger	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Coolant	<input checked="" type="radio"/>	<input type="radio"/>	added 5 gallons before running engine
Hoses and Connections	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Fan Drive Pulley and Fan	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Fan Belts	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Jacket Water Heater	<input checked="" type="radio"/>	<input type="radio"/>	N/A
Water Pump	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Thermostats	<input checked="" type="radio"/>	<input type="radio"/>	Inspected

Fuel System			
Fuel Tank	<input checked="" type="radio"/>	<input type="radio"/>	N/A
Water Trap Separator	<input checked="" type="radio"/>	<input type="radio"/>	N/A
Fuel Lines & Connections	<input checked="" type="radio"/>	<input type="radio"/>	Serviced
Governor & Controls	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Fuel Filters-Prim/Sec.	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Fuel Pressure	<input checked="" type="radio"/>	<input type="radio"/>	No gauge

Air Induction and Exhaust System			
Air Filter	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Air Filter Service Indicator	<input checked="" type="radio"/>	<input type="radio"/>	N/A
Air Inlet System	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Turbocharger	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Exhaust Manifold	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Exhaust System	<input checked="" type="radio"/>	<input type="radio"/>	Inspected

Lube Oil System			
Oil	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Oil Filters	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Oil Pressure	<input checked="" type="radio"/>	<input type="radio"/>	
Crankcase Breather	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
S.O.S (Oil Sample)	<input checked="" type="radio"/>	<input type="radio"/>	N/A

Starting System			
Batteries	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Batteries-Specific Gravity	<input checked="" type="radio"/>	<input type="radio"/>	N/A
Battery Charger	<input checked="" type="radio"/>	<input type="radio"/>	N/A
Starting Motor	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Alternator	<input checked="" type="radio"/>	<input type="radio"/>	Serviced

Engine Monitors & Safety Controls			
Gauges	<input checked="" type="radio"/>	<input type="radio"/>	Serviced
Safety Controls	<input checked="" type="radio"/>	<input type="radio"/>	N/A

Service Items	Satisfactory	Unsatisfactory	Comments
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Generator			
Bearings	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Space Heaters	<input checked="" type="radio"/>	<input type="radio"/>	N/A
Vibration Isolators	<input checked="" type="radio"/>	<input type="radio"/>	Inspected

Control Panel			
Start Controls- Man/Auto	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Voltmeter	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Ammeter	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Frequency Meter	<input checked="" type="radio"/>	<input type="radio"/>	Inspected
Circuit Breaker	<input checked="" type="radio"/>	<input type="radio"/>	Inspected

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Equipment Serial No.	33125625

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Date 05/05/2020
 Generator Model 750 DFJA
 Generator Serial No. J930522932

Unit No.		Lawson Yard							
Load Bank Test				AC - Three Phase			Power Factor: 1		
Time	Time of Day	kW	V.A.C	AMPS	Hz	H2O Temp	Oil PSI	Batt. Volts	Amb Temp
0:00	11:00 AM	199	480	239	60	145.0°	98	27	65.0°
0:15	11:15 AM	396	480	476	60	172.0°	82	27	65.0°
0:30	11:30 AM	634	480	762	60	186.0°	74	27	65.0°
0:45	11:45 AM	634	480	762	60	186.0°	74	27	65.0°
1:00	12:00 PM	634	480	762	60	186.0°	74	27	65.0°
1:15	12:15 PM	0	480	0	0	0.0°	0	0	0.0°
1:30	12:30 PM	0	480	0	0	0.0°	0	0	0.0°
1:45	12:45 PM	0	480	0	0	0.0°	0	0	0.0°
2:00	1:00 PM	0	480	0	0	0.0°	0	0	0.0°
Cooldown (5 min.)		0							
Comments		System left in manual/Off Breaker (Open) No time added No deviation to work detail							
<p>Previous test was not completed due to fuel leak. New seals were installed on fuel pipe out of the injection pump to the fuel rail junction block. 5 gallons of coolant was added to the system before running the engine. We had the yard move the generator for better access to all sides of the generator. A fuel supply was connected to the fuel lines, batteries were connected. We started the engine and discovered there was still fuel leaking out of the high pressure line. We turned engine off to troubleshoot. Removed the line and fittings around the leak. The threads on the fuel connection point were gulled. We filed the fuel pipe threads and were able to get the engine to run with out leaking fuel. Started the load bank test once the engine warmed up to 140 degrees and there was no fuel leak. The load was stepped up every fifteen minutes. At about 50 minutes into the test the leak had restarted. Turned the load bank off. New seals and fuel line connectors were ordered.</p> <p>Went back to the site to install all new connectors at the fuel leak point. Engine was ran to verify there was no leak. Installed all covers on the generator housing that were off, supplied all new hardware. batteries were disconnected before leaving the site.</p>									
Recommendations		Men required for recommended job Hours required for recommended job (ea.)							
<ul style="list-style-type: none"> • • • • • • • • • • 									
MANIFEST REPORT									
TOTAL GALLONS OF HAZARDOUS WASTE REMOVED FROM FACILITY									
OIL (TOTAL)	0	COOLANT (TOTAL)	0						
FILTER (TOTAL)	0	BATTERIES (TOT.)	N/A						
I certify that all of the information provided in this report is to the best of my knowledge, correct and complete.									
CUSTOMER:	Victor S.				TECHNICIAN:	Stephen Arcouette			
CUST. EMAIL:	sales@powergenenterprises.com				SIGNATURE:	<i>Stephen Arcouette</i> 05/05/2020			